

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111220\
 Data File : VY003531.D
 Acq On : 12 Nov 2020 16:23
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

SAM
 11/13/2020 6:14:11 PM

Quant Time: Nov 13 02:27:30 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	255962	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	360086	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	326369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	176422	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	118532	45.17	ug/l	0.00
Spiked Amount			Recovery	=	90.34%	
35) Dibromofluoromethane	7.72	113	109683	50.06	ug/l	0.00
Spiked Amount			Recovery	=	100.12%	
50) Toluene-d8	10.17	98	443559	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	
62) 4-Bromofluorobenzene	12.48	95	151104	50.03	ug/l	0.00
Spiked Amount			Recovery	=	100.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	86987	42.952	ug/l	97
3) Chloromethane	2.12	50	118030	44.271	ug/l	96
4) Vinyl Chloride	2.26	62	135058	45.128	ug/l	96
5) Bromomethane	2.65	94	96232	38.486	ug/l	99
6) Chloroethane	2.80	64	86452	48.466	ug/l	98
7) Trichlorofluoromethane	3.13	101	182154	47.951	ug/l	100
8) Diethyl Ether	3.54	74	54708	46.963	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	107207	51.062	ug/l	100
10) Methyl Iodide	4.10	142	113156	52.278	ug/l	98
11) Tert butyl alcohol	4.96	59	65002	249.279	ug/l #	94
12) 1,1-Dichloroethene	3.87	96	102193	48.921	ug/l	97
13) Acrolein	3.73	56	39016	179.161	ug/l	98
14) Allyl chloride	4.48	41	180253	47.296	ug/l	99
15) Acrylonitrile	5.17	53	126083	202.766	ug/l	99
16) Acetone	3.95	43	159351	184.084	ug/l	99
17) Carbon Disulfide	4.19	76	302209	44.657	ug/l	100
18) Methyl Acetate	4.48	43	67578	41.310	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	245201	47.391	ug/l	99
20) Methylene Chloride	4.72	84	116677	47.860	ug/l	99
21) trans-1,2-Dichloroethene	5.22	96	118532	49.003	ug/l	99
22) Diisopropyl ether	6.12	45	335417	50.177	ug/l	96
23) Vinyl Acetate	6.07	43	1121371	223.237	ug/l	99
24) 1,1-Dichloroethane	6.02	63	211881	49.880	ug/l	99
25) 2-Butanone	6.99	43	203853	188.288	ug/l	98
26) 2,2-Dichloropropane	6.99	77	197985	50.030	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	132740	50.644	ug/l	100
28) Bromochloromethane	7.33	49	107014	50.078	ug/l	97
29) Tetrahydrofuran	7.35	42	106926	189.005	ug/l	98
30) Chloroform	7.51	83	212027	50.819	ug/l	100
31) Cyclohexane	7.78	56	178654	45.423	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	194811	50.051	ug/l	100
36) 1,1-Dichloropropene	7.92	75	169759	50.002	ug/l	100
37) Ethyl Acetate	7.08	43	80996	38.420	ug/l	98
38) Carbon Tetrachloride	7.90	117	178801	50.766	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	188407	49.839	ug/l	98
40) Benzene	8.16	78	475244	50.300	ug/l	99
41) Methacrylonitrile	7.33	41	49340m	43.827	ug/l	
42) 1,2-Dichloroethane	8.24	62	141346	47.745	ug/l	99
43) Isopropyl Acetate	8.27	43	157178	41.485	ug/l	97
44) Trichloroethene	8.94	130	136905	51.616	ug/l	94
45) 1,2-Dichloropropane	9.22	63	120230	50.390	ug/l	99
46) Dibromomethane	9.30	93	62849	47.879	ug/l	99
47) Bromodichloromethane	9.50	83	165087	51.383	ug/l	98
48) Methyl methacrylate	9.29	41	75310	42.197	ug/l	97
49) 1,4-Dioxane	9.30	88	13955	852.012	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	406391	201.318	ug/l	100
52) Toluene	10.24	92	304435	51.517	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	167995	49.134	ug/l	97
54) cis-1,3-Dichloropropene	9.92	75	195113	50.711	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	90949	48.808	ug/l	99
56) Ethyl methacrylate	10.51	69	117362	47.022	ug/l	98
57) 1,3-Dichloropropane	10.79	76	158398	48.886	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	303589	239.940	ug/l	99
59) 2-Hexanone	10.83	43	291825	195.250	ug/l	98
60) Dibromochloromethane	10.99	129	115790	50.558	ug/l	99
61) 1,2-Dibromoethane	11.09	107	85783	47.685	ug/l	98
64) Tetrachloroethene	10.72	164	127351	52.249	ug/l	96
65) Chlorobenzene	11.52	112	331501	52.283	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	125695	52.566	ug/l	99
67) Ethyl Benzene	11.59	91	603539	52.494	ug/l	100
68) m/p-Xylenes	11.70	106	457673	105.045	ug/l	100
69) o-Xylene	12.03	106	212094	52.920	ug/l	99
70) Styrene	12.04	104	365047	53.644	ug/l	100
71) Bromoform	12.20	173	76757	48.159	ug/l	100
73) Isopropylbenzene	12.33	105	596835	51.789	ug/l	100
74) N-amyl acetate	12.14	43	142207	43.563	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	106289	43.179	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	84223m	45.119	ug/l	
77) Bromobenzene	12.61	156	147066	50.226	ug/l	98
78) n-propylbenzene	12.67	91	699067	51.498	ug/l	99
79) 2-Chlorotoluene	12.75	91	387924	51.150	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	504462	52.831	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	37241	41.640	ug/l	98
82) 4-Chlorotoluene	12.85	91	403242	50.879	ug/l	98
83) tert-Butylbenzene	13.07	119	442353	52.235	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	506978	53.125	ug/l	99
85) sec-Butylbenzene	13.25	105	614265	53.570	ug/l	100
86) p-Isopropyltoluene	13.36	119	574261	54.001	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	289131	53.007	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	284203	52.398	ug/l	99
89) n-Butylbenzene	13.69	91	530311	54.597	ug/l	100
90) Hexachloroethane	13.95	117	95830	53.544	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	250582	51.714	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	17947	40.275	ug/l	98

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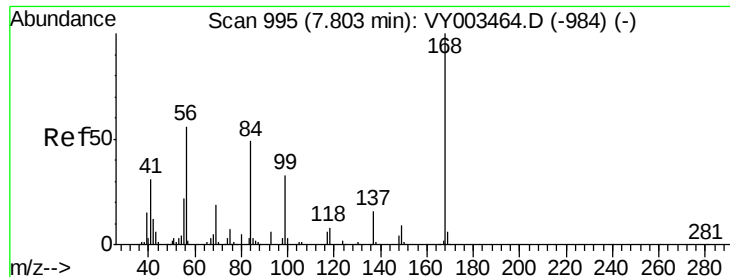
Manual Integrations
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11/13/2020 6:14:11 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	184321	53.778	ug/l	100
94) Hexachlorobutadiene	15.11	225	122099	55.377	ug/l	99
95) Naphthalene	15.23	128	318974	46.474	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	160143	51.942	ug/l	99

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



#1

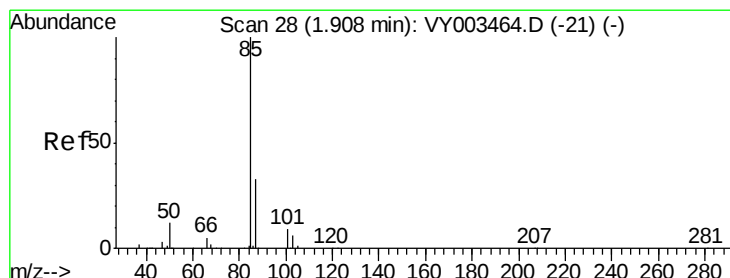
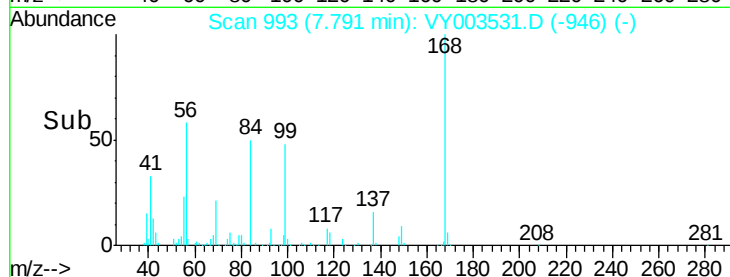
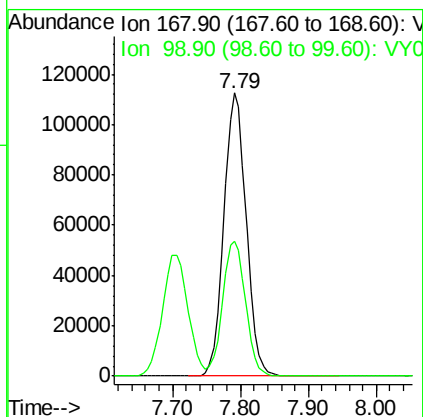
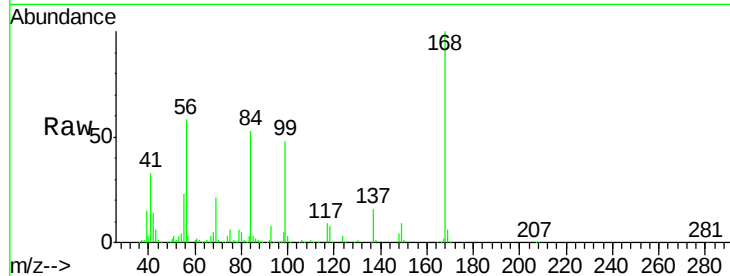
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.79 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VY003531.D
 Acq: 12 Nov 2020 16:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.8	39.7	59.5

Manual Integrations
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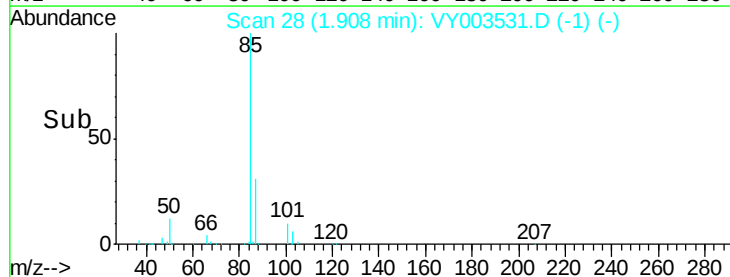
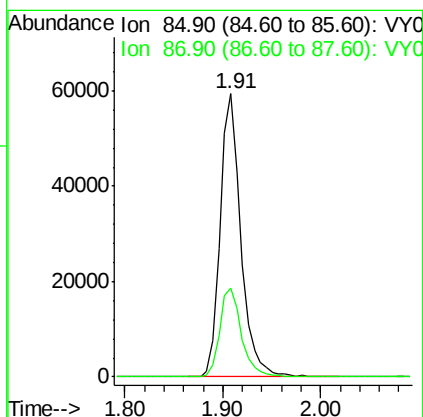
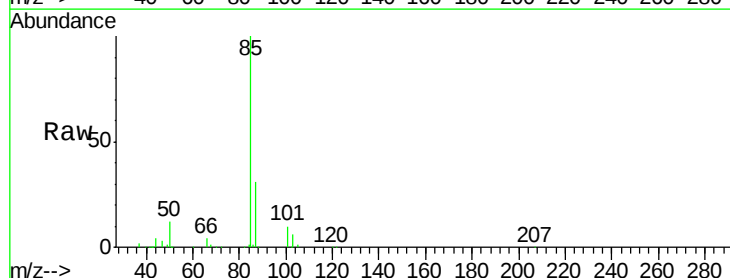
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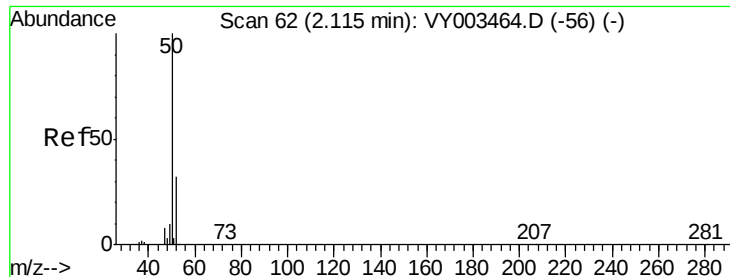


#2

Dichlorodifluoromethane
 Concen: 42.952 ug/l
 RT: 1.91 min Scan# 28
 Delta R.T. 0.00 min
 Lab File: VY003531.D
 Acq: 12 Nov 2020 16:23

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.4	16.4	49.4





#3

Chloromethane

Concen: 44.271 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 118030

Ion Ratio Lower Upper

50 100

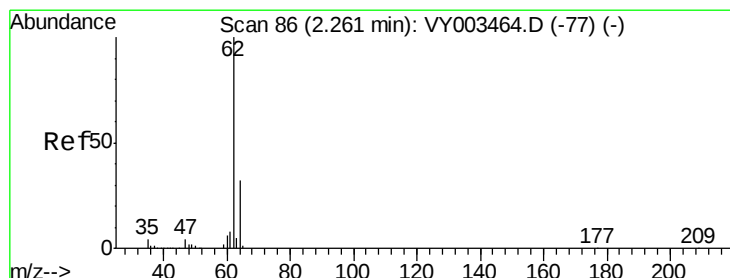
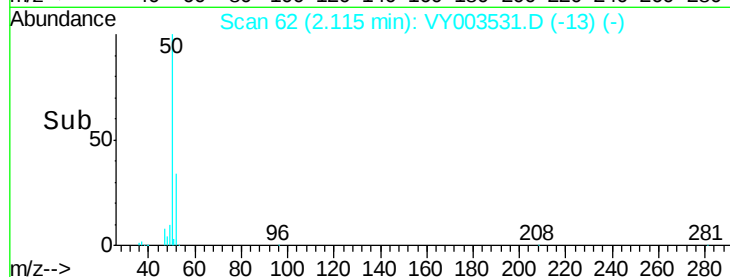
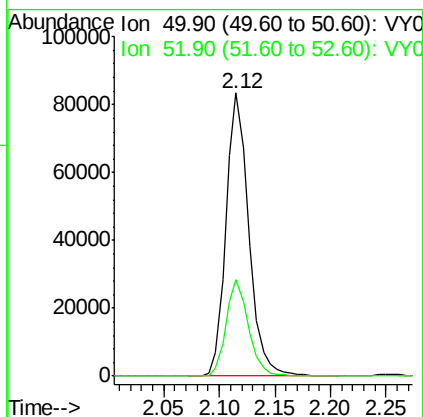
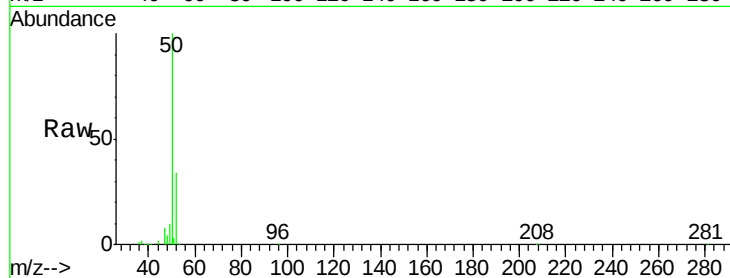
52 34.2 25.6 38.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 45.128 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY003531.D

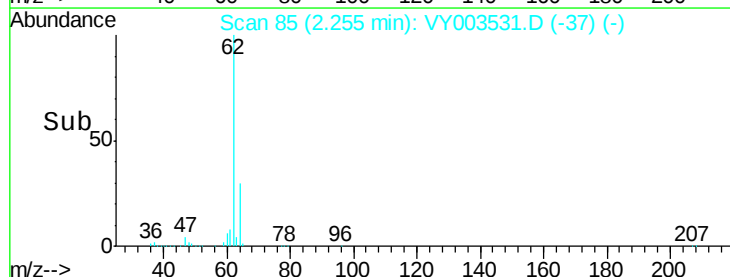
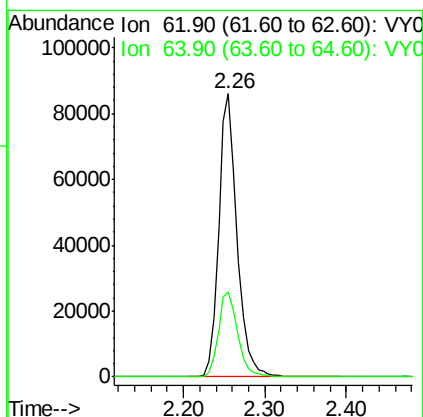
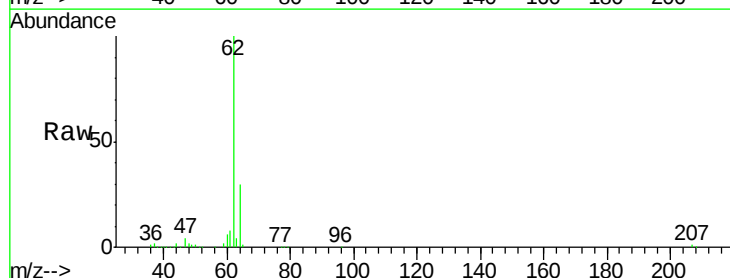
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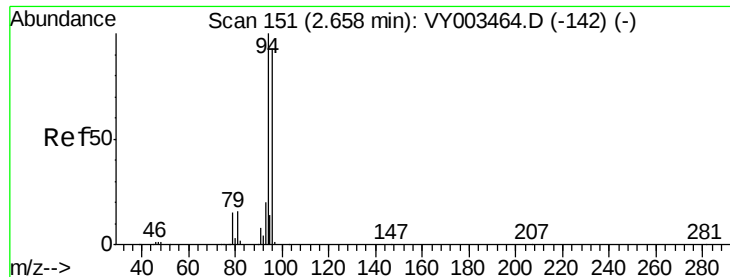
Tgt Ion: 62 Resp: 135058

Ion Ratio Lower Upper

62 100

64 29.9 25.5 38.3





#5

Bromomethane

Concen: 38.486 ug/l

RT: 2.65 min Scan# 150

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 96232

Ion Ratio Lower Upper

94 100

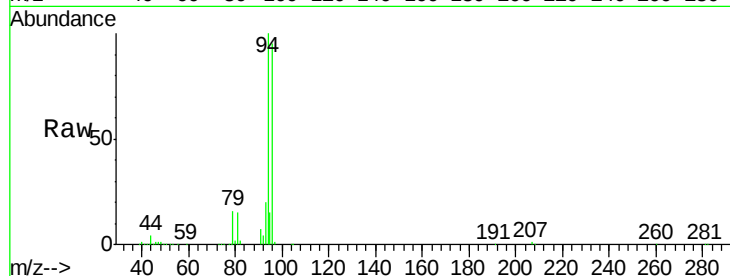
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Manual Integrations

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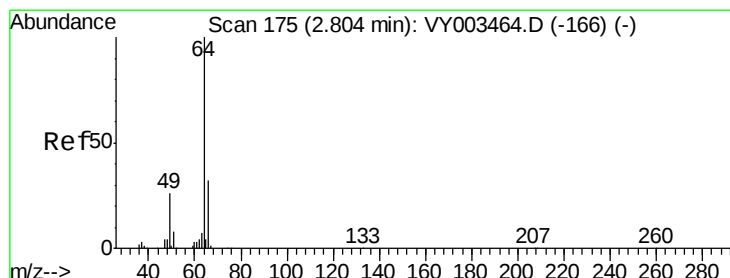
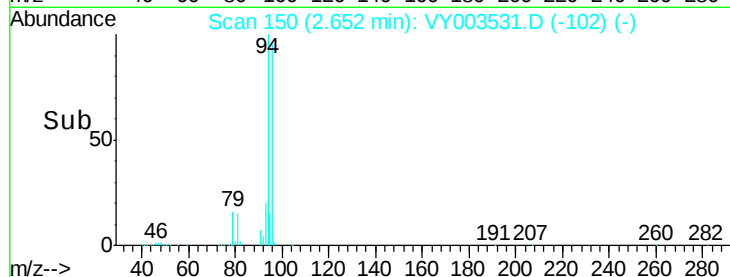
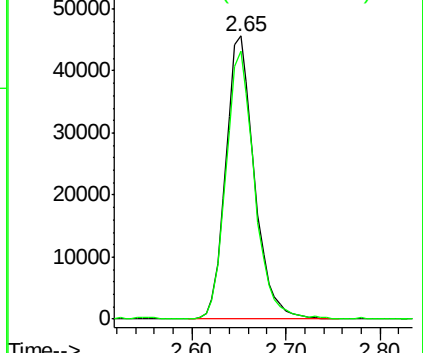
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 48.466 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY003531.D

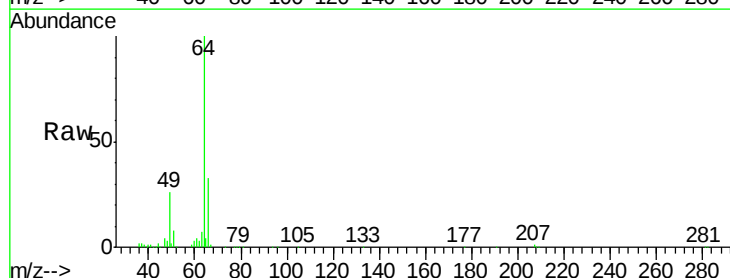
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Tgt Ion: 64 Resp: 86452

Ion Ratio Lower Upper

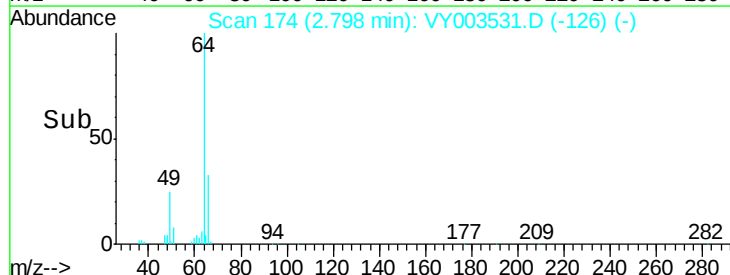
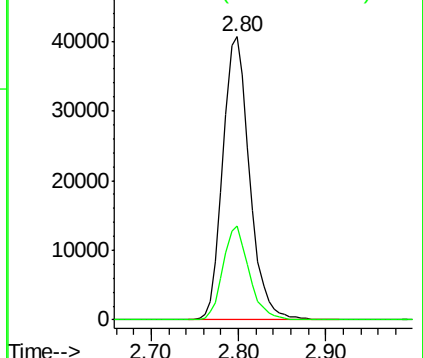
64 100

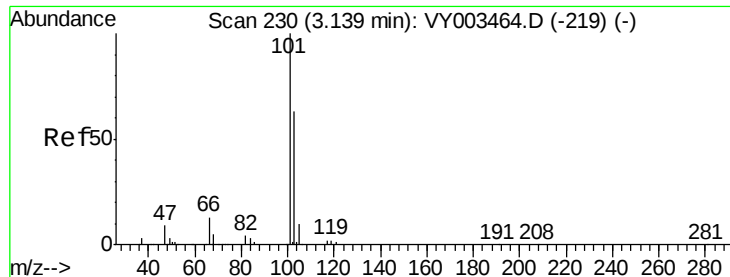
66 33.1 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

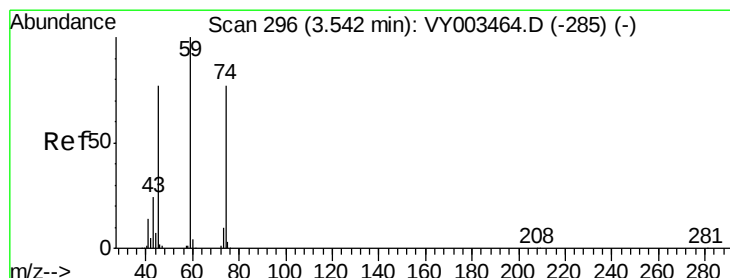
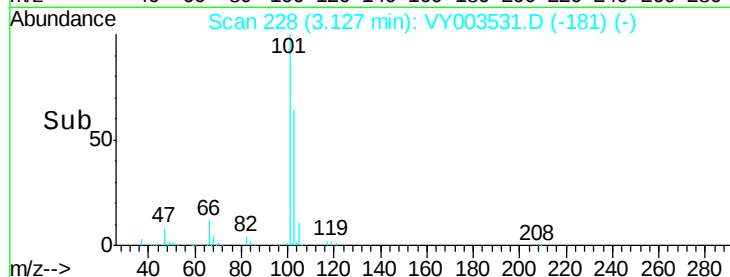
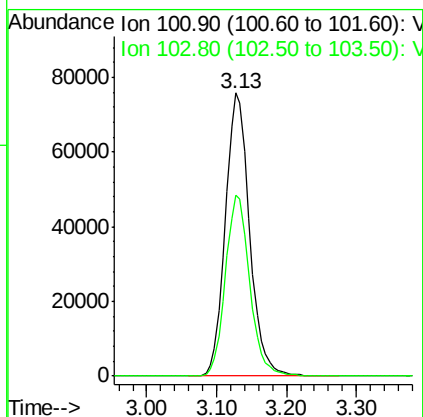
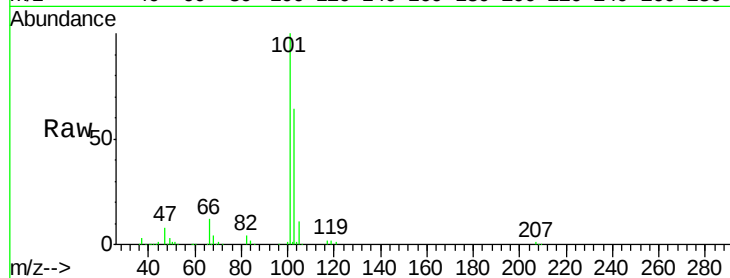
Trichlorofluoromethane
Concen: 47.951 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	50.7	76.1

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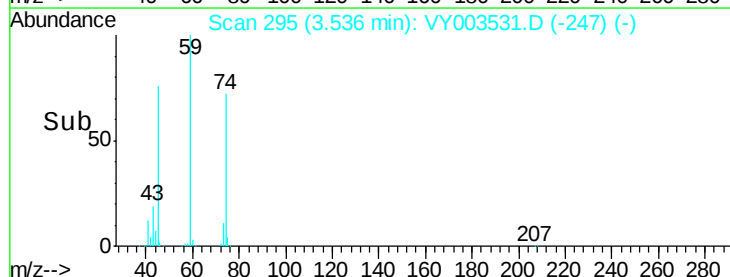
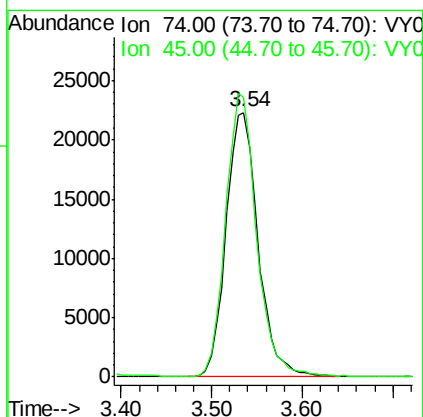
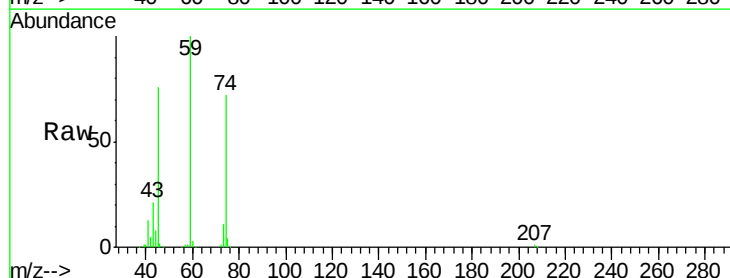
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11/13/2020 6:14:11 PM

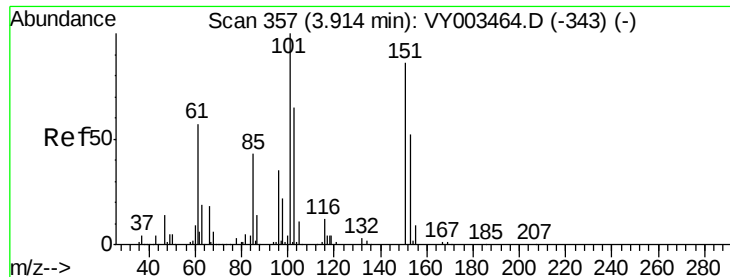


#8

Diethyl Ether
Concen: 46.963 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.3	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.062 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

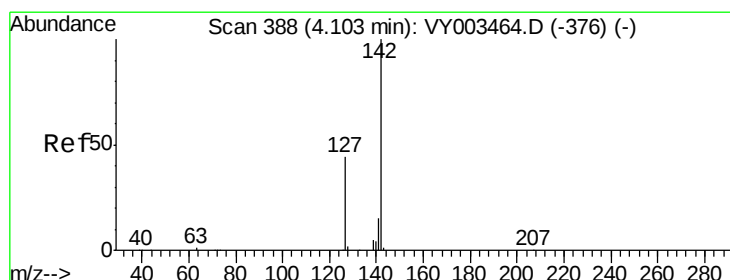
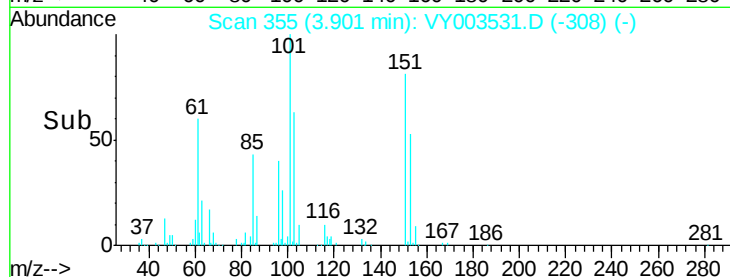
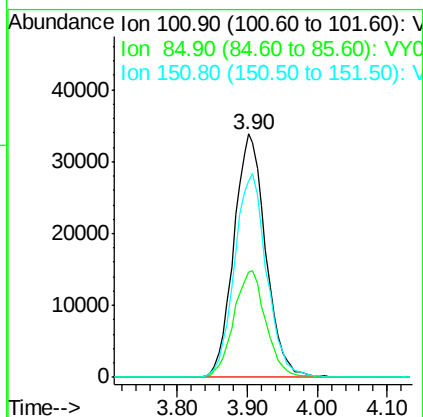
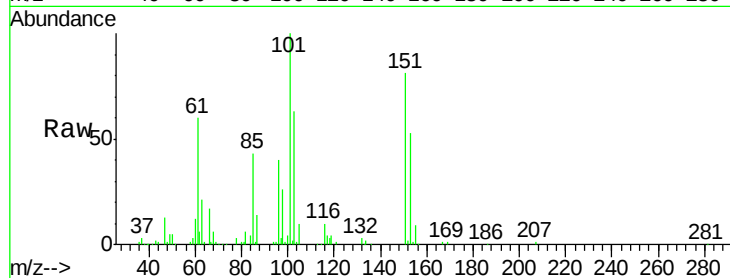
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	107207
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.8	53.8
151	84.6	67.6	101.4

Manual Integrations
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#10

Methyl Iodide

Concen: 52.278 ug/l

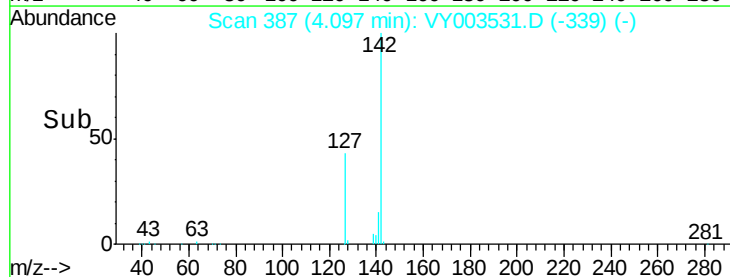
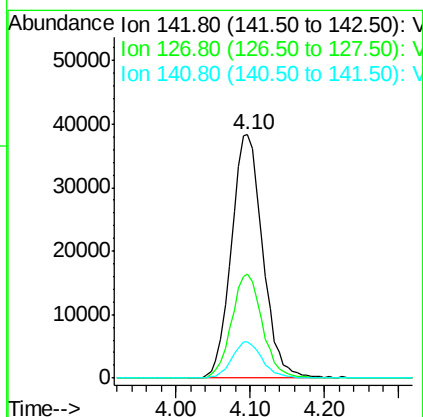
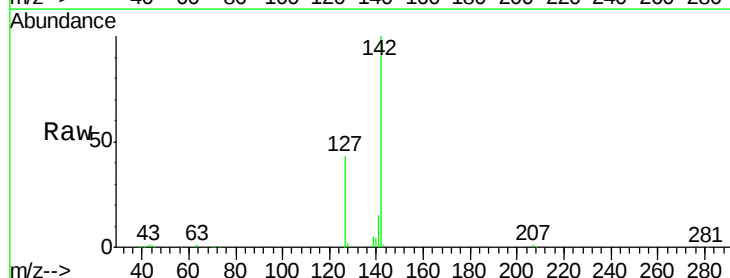
RT: 4.10 min Scan# 387

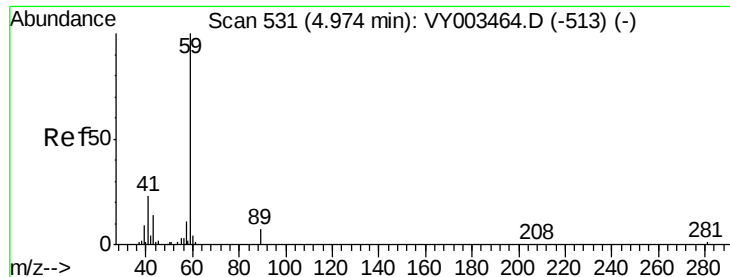
Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Tgt Ion:	142	Resp:	113156
Ion Ratio	Lower	Upper	
142	100		
127	41.8	34.5	51.7
141	14.4	11.8	17.8





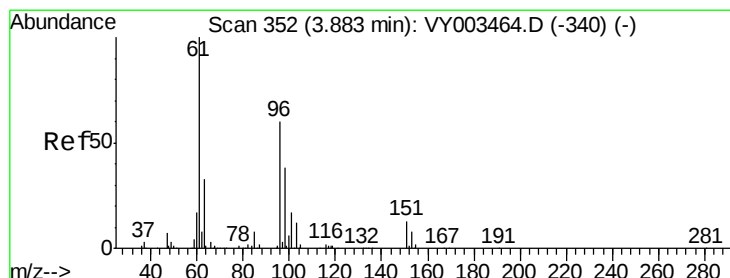
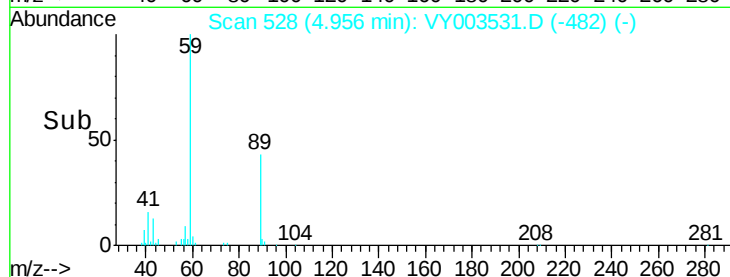
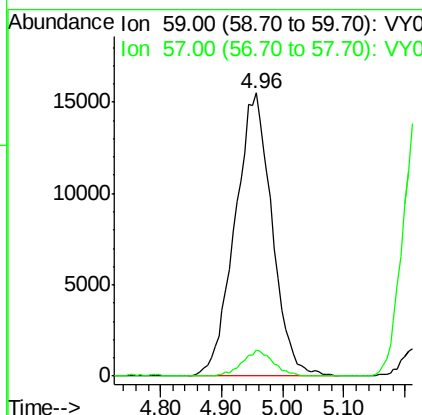
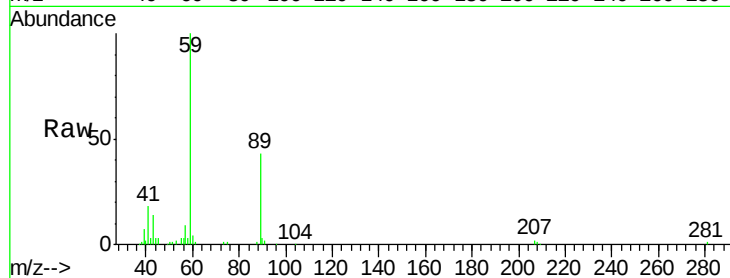
#11
Tert butyl alcohol
Concen: 249.279 ug/l
RT: 4.96 min Scan# 528
Delta R.T. -0.02 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 65002
Ion Ratio Lower Upper
59 100
57 7.7 7.9 11.9#

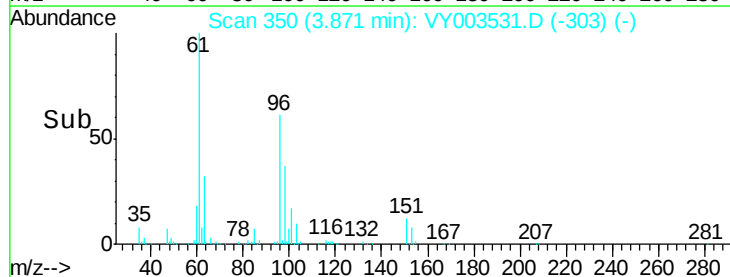
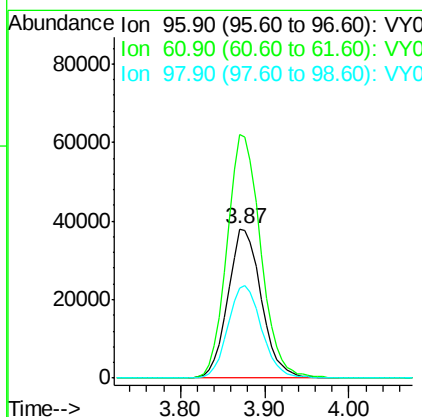
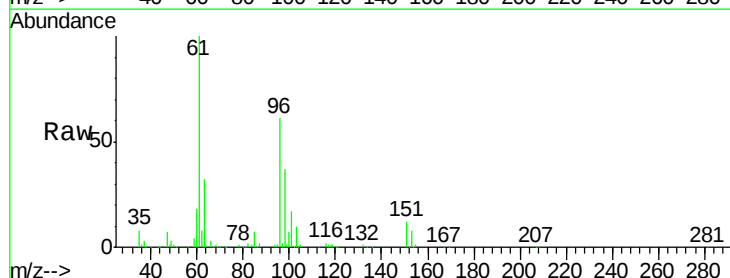
Manual Integrations
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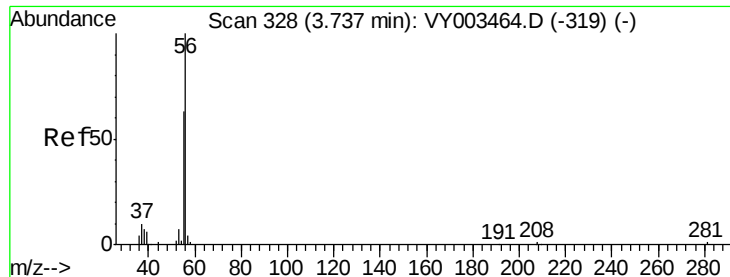
SAM
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#12
1,1-Dichloroethene
Concen: 48.921 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Tgt Ion: 96 Resp: 102193
Ion Ratio Lower Upper
96 100
61 163.6 133.6 200.4
98 60.1 50.2 75.2





#13

Acrolein

Concen: 179.161 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 39016

Ion Ratio Lower Upper

56 100

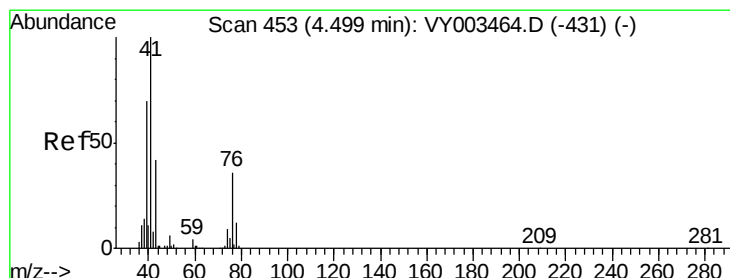
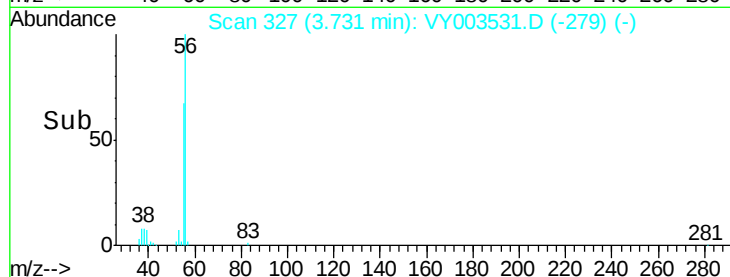
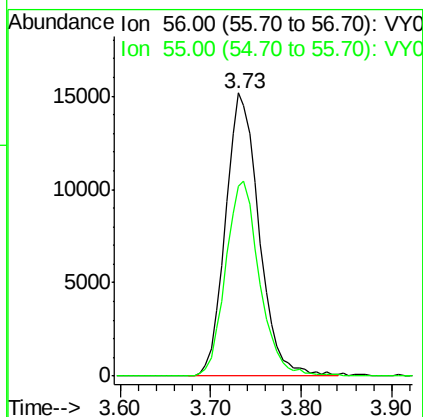
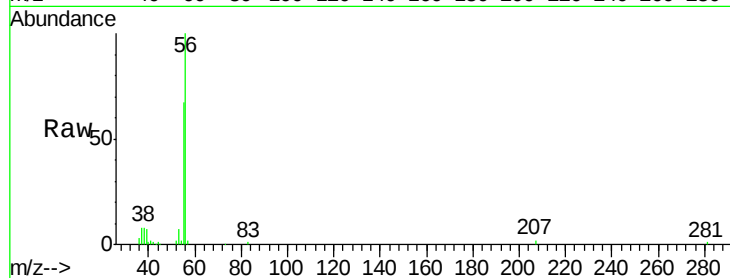
55 69.2 56.6 85.0

Manual Integrations

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#14

Allyl chloride

Concen: 47.296 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.02 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

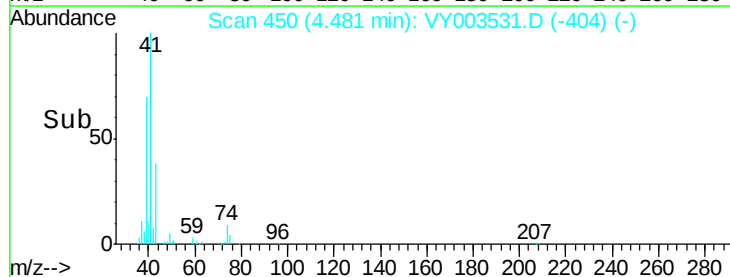
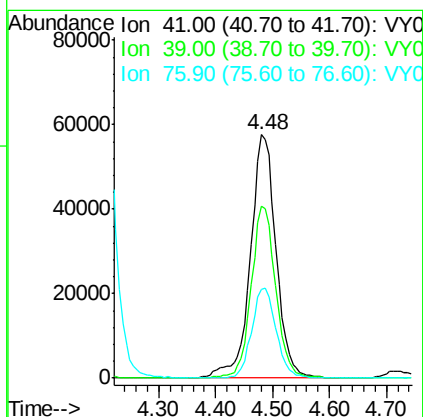
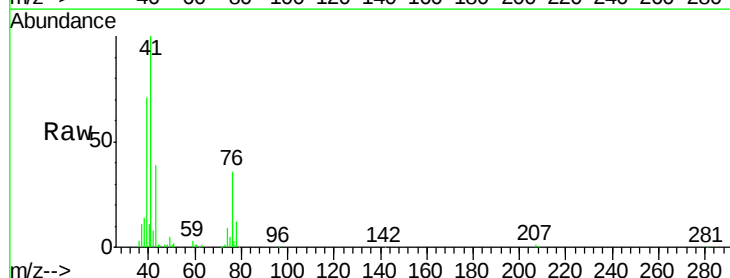
Tgt Ion: 41 Resp: 180253

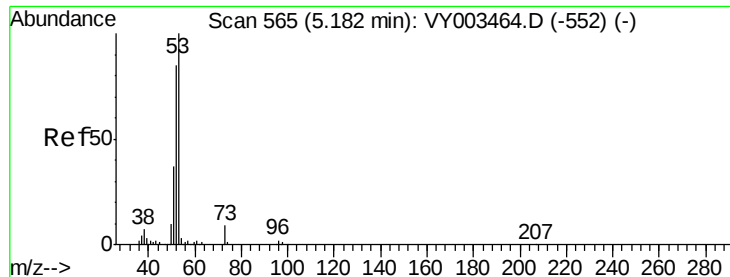
Ion Ratio Lower Upper

41 100

39 67.9 54.4 81.6

76 35.2 27.6 41.4





#15

Acrylonitrile

Concen: 202.766 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

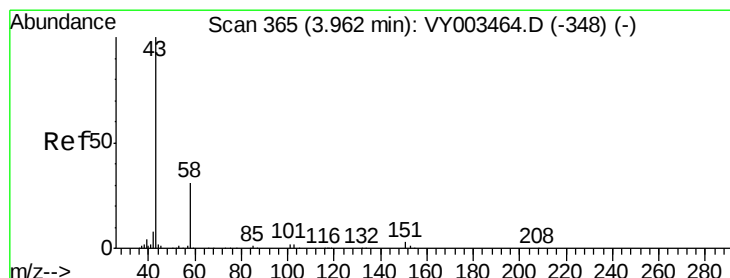
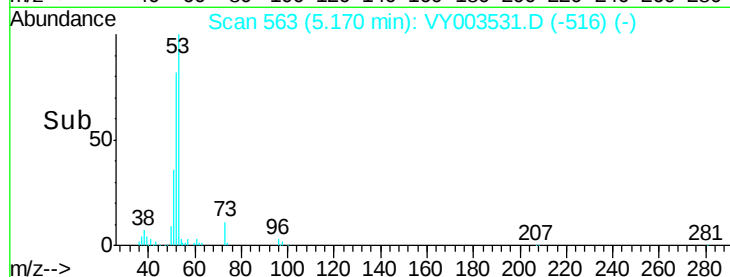
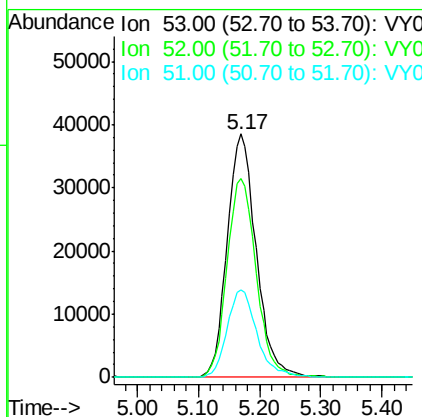
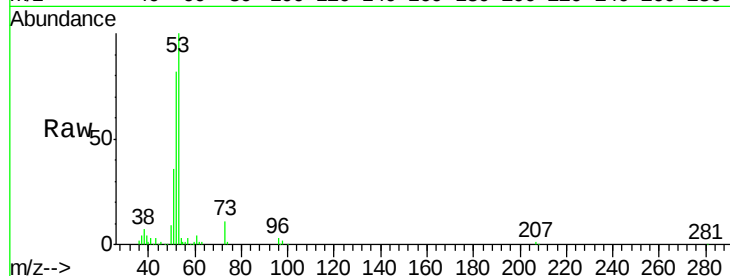
VSTDCCC050EC

Tot Ion:	53	Resp:	126083
Ion Ratio	Lower	Upper	
53	100		
52	82.1	66.9	100.3
51	37.0	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 184.084 ug/l

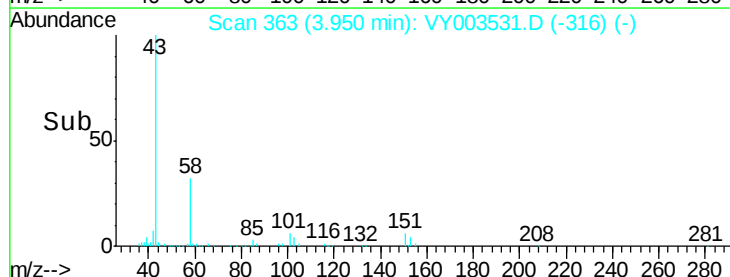
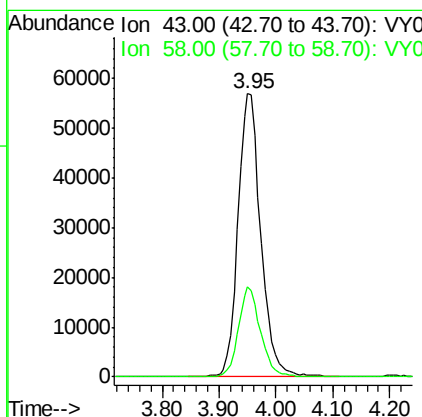
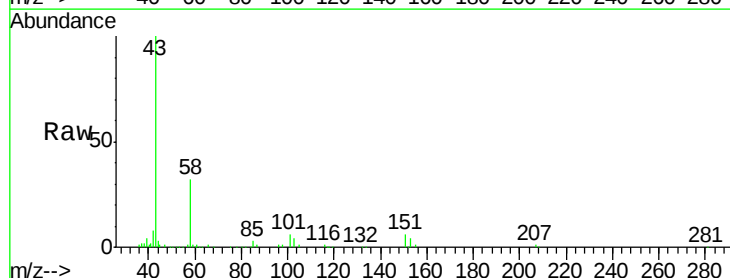
RT: 3.95 min Scan# 363

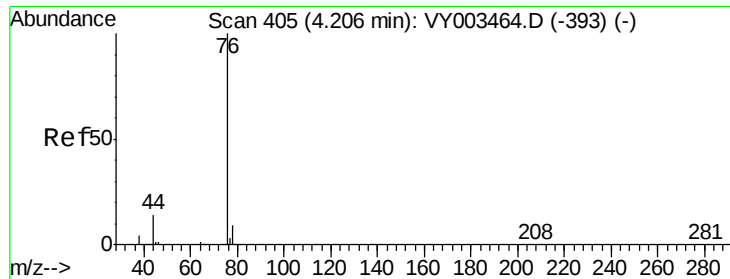
Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Tgt Ion:	43	Resp:	159351
Ion Ratio	Lower	Upper	
43	100		
58	31.8	25.0	37.4





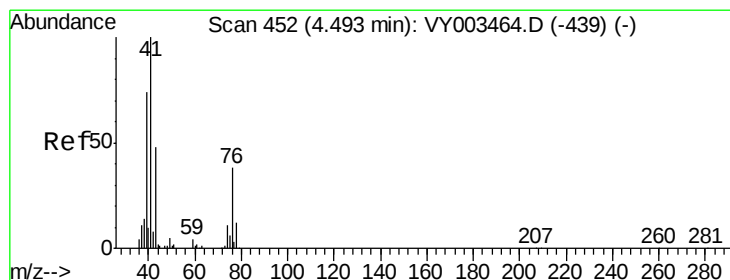
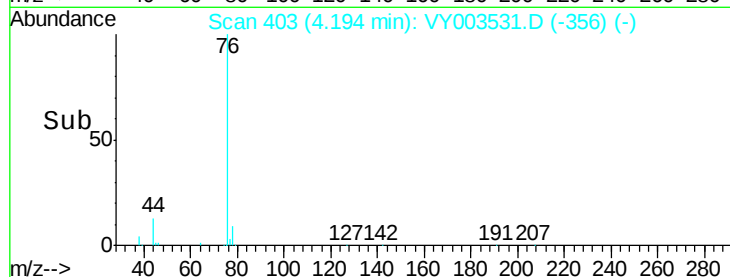
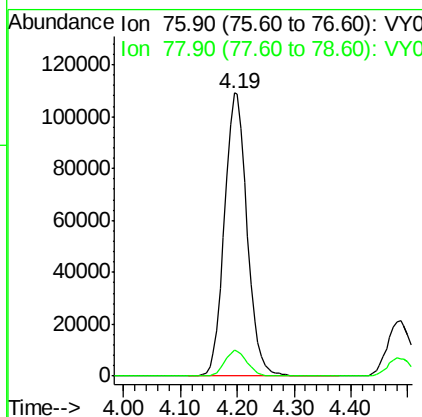
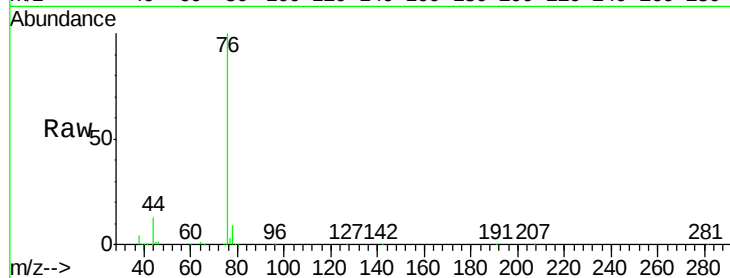
#17
Carbon Disulfide
Concen: 44.657 ug/l
RT: 4.19 min Scan# 403
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.2

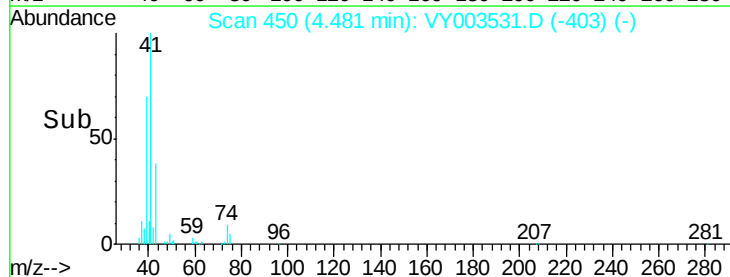
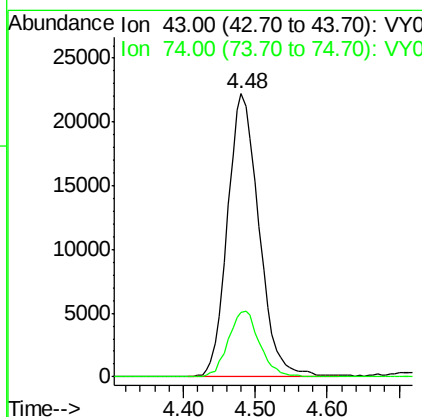
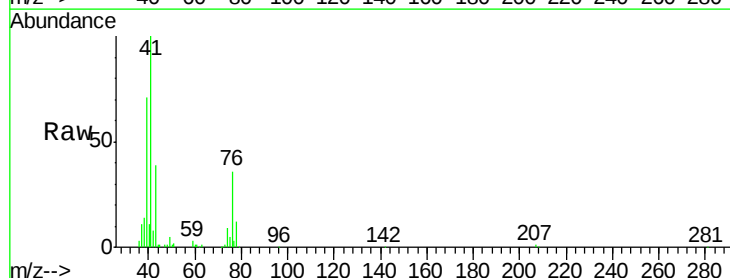
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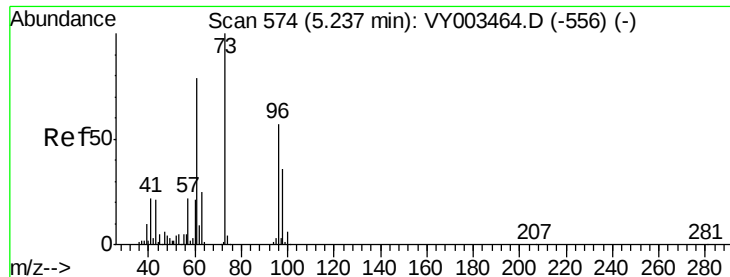
SAM
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#18
Methyl Acetate
Concen: 41.310 ug/l
RT: 4.48 min Scan# 450
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	18.4	27.6





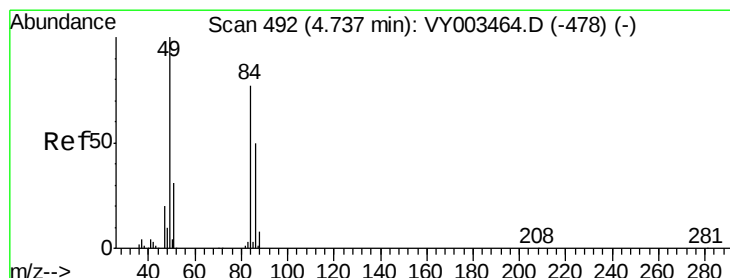
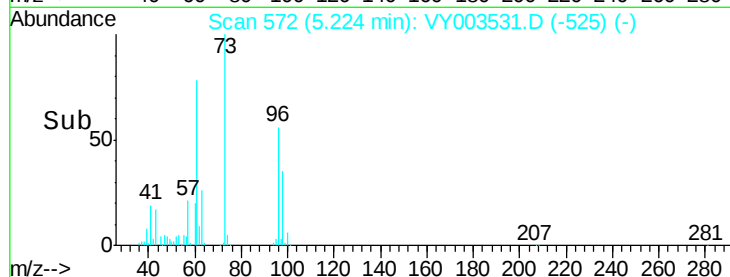
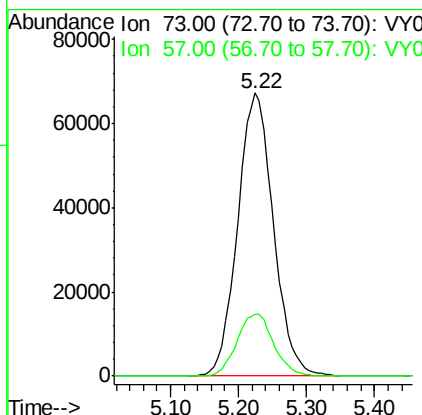
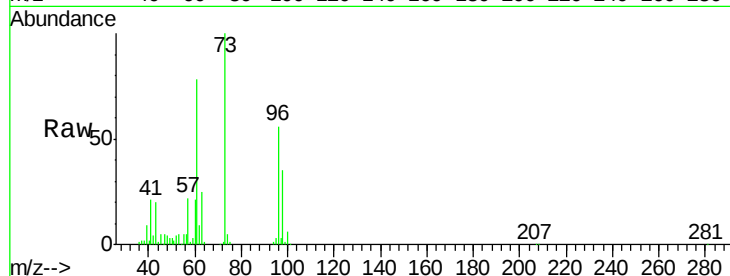
#19
Methvl tert-butvl Ether
Concen: 47.391 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.2	25.8

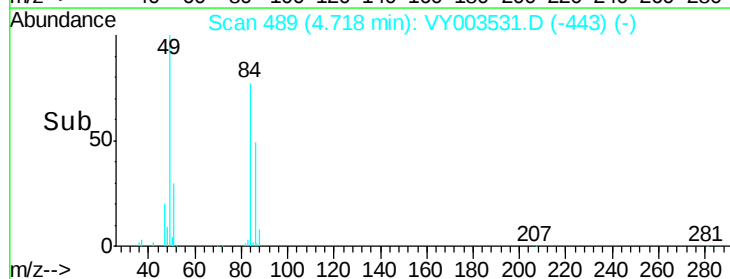
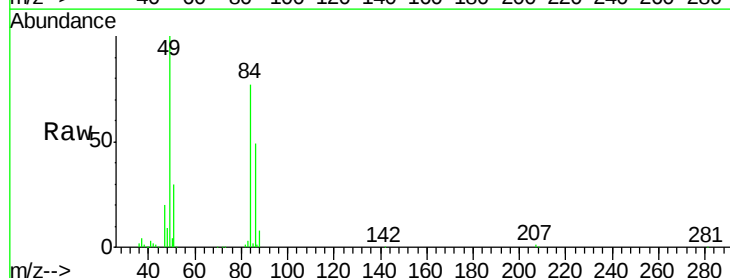
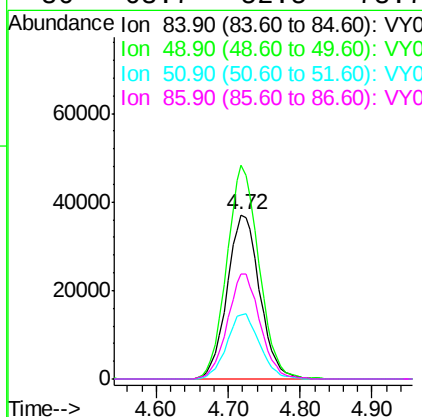
Manual Integrations
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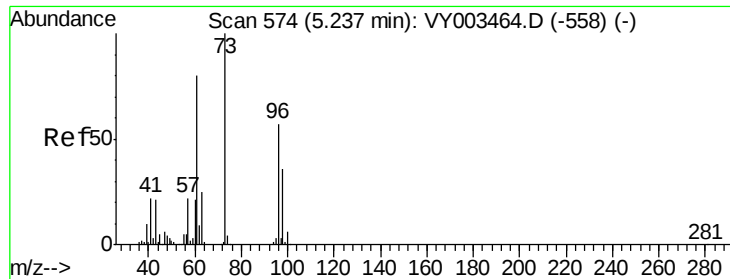
SAM
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#20
Methylene Chloride
Concen: 47.860 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.02 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.3	104.3	156.5
51	39.3	32.5	48.7
86	63.7	52.5	78.7





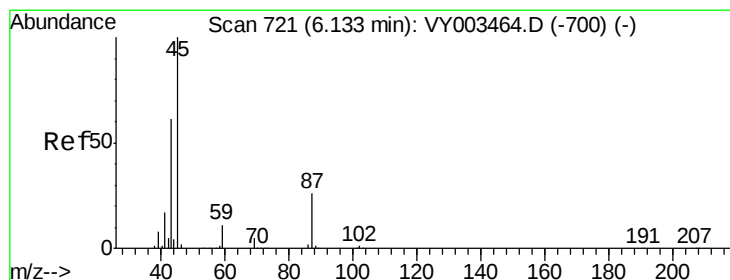
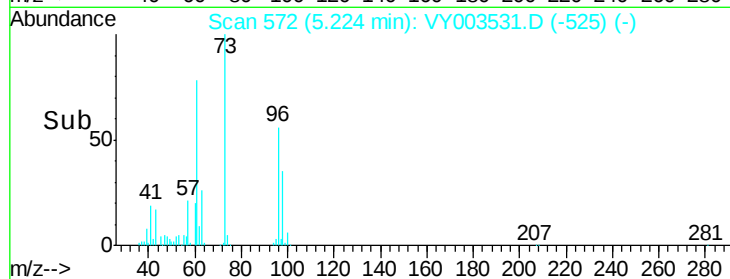
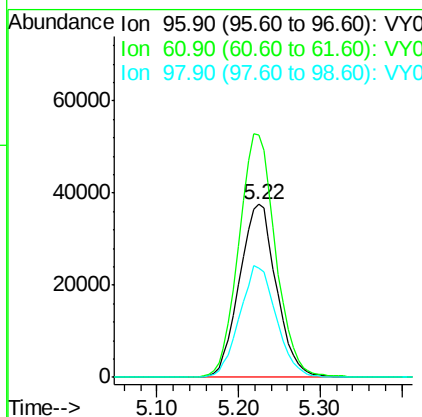
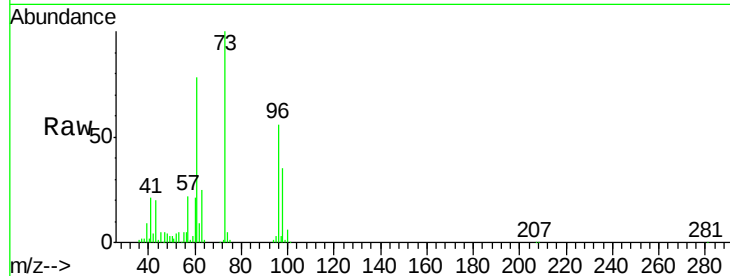
#21
trans-1,2-Dichloroethene
Concen: 49.003 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.1	111.3	166.9
98	63.0	50.3	75.5

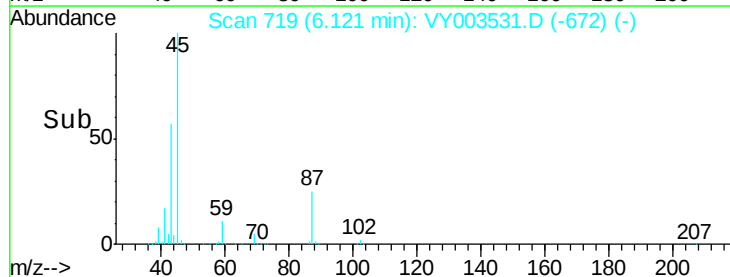
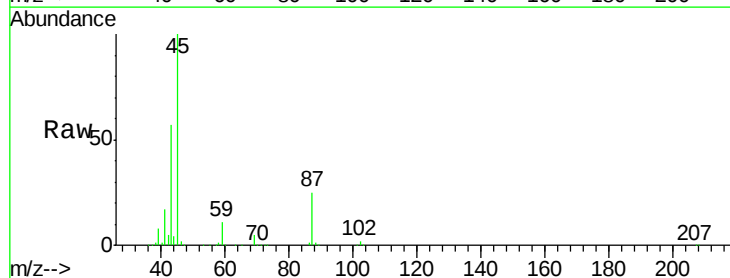
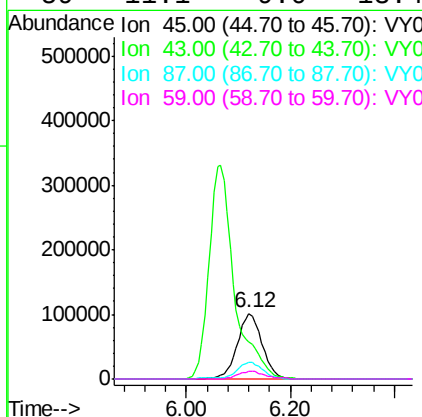
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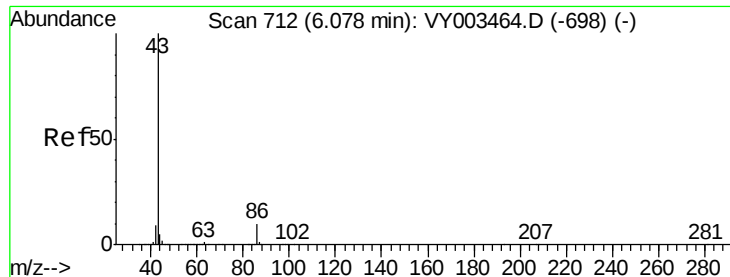
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#22
Diisopropyl ether
Concen: 50.177 ug/l
RT: 6.12 min Scan# 719
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.2	48.8	73.2
87	24.8	20.6	31.0
59	11.1	9.0	13.4





#23

Vinyl Acetate

Concen: 223.237 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1121371

Ion Ratio Lower Upper

43 100

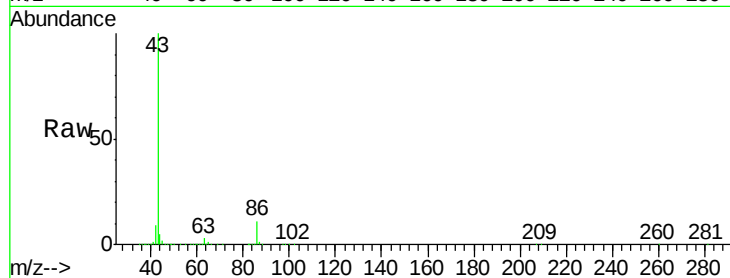
86 10.5 8.2 12.2

Manual Integrations

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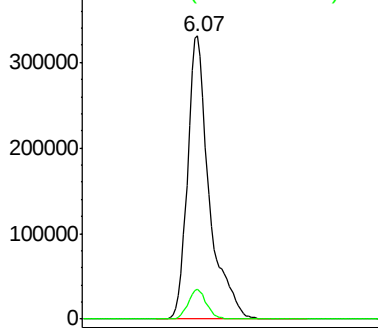
SAM

11/13/2020 6:14:11 PM

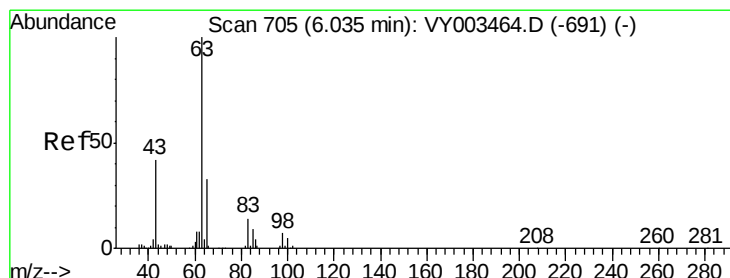
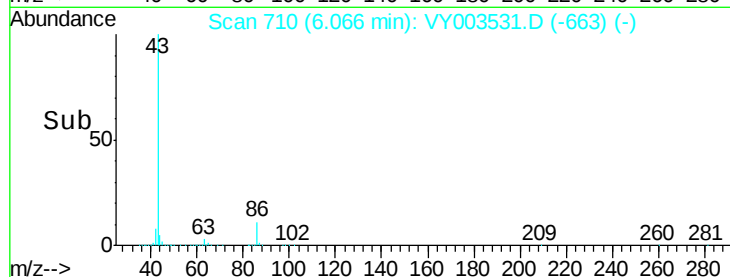


Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



Time-->



#24

1,1-Dichloroethane

Concen: 49.880 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

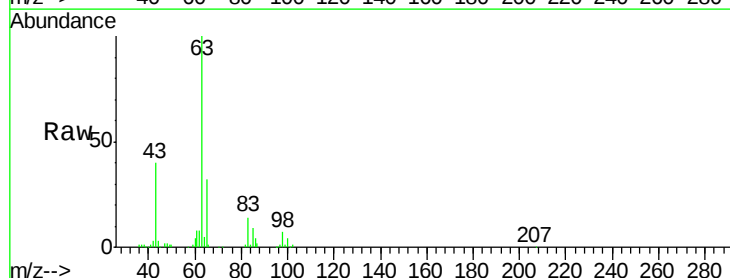
Tgt Ion: 63 Resp: 211881

Ion Ratio Lower Upper

63 100

98 6.6 3.6 10.8

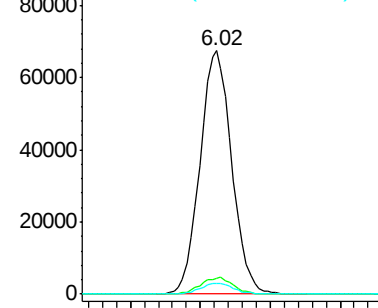
100 4.4 2.3 6.9



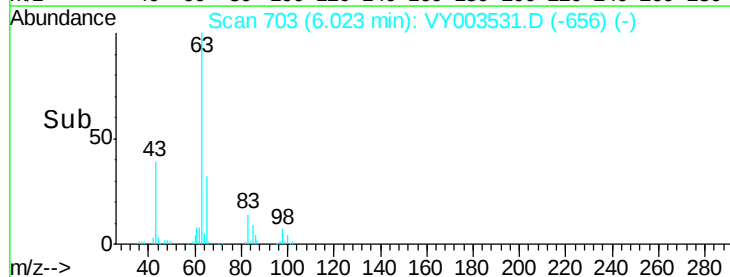
Abundance Ion 62.90 (62.60 to 63.60): VY0

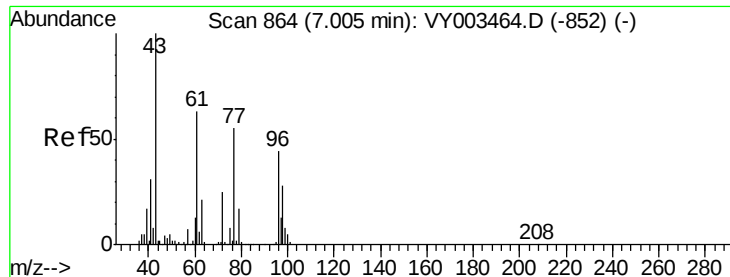
Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0



Time-->





#25

2-Butanone

Concen: 188.288 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 203853

Ion Ratio Lower Upper

43 100

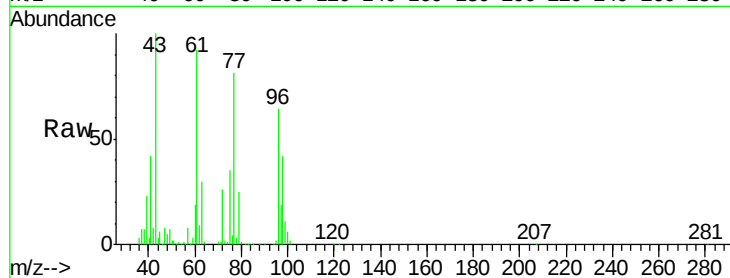
72 26.0 20.1 30.1

Manual Integrations

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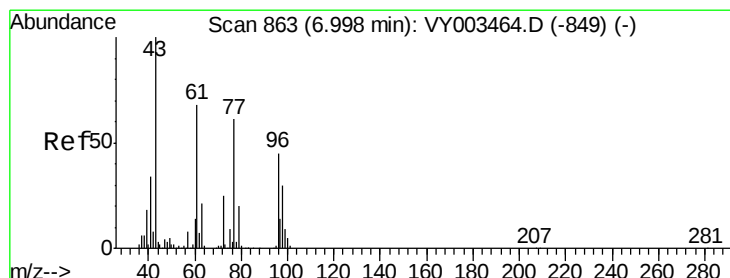
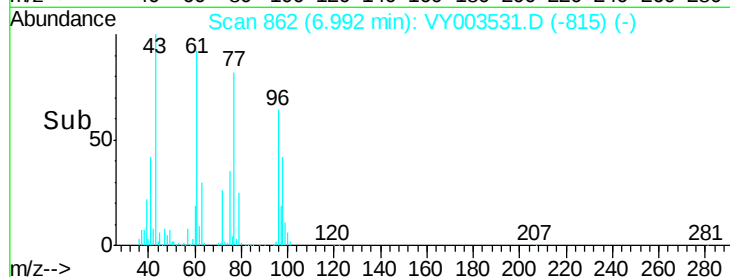
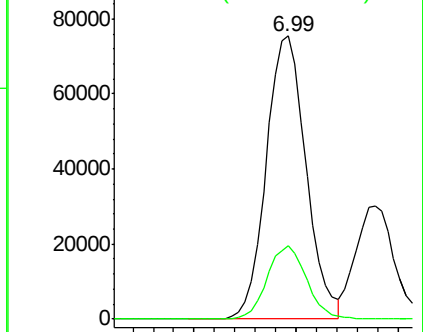
SAM

11/13/2020 6:14:11 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 50.030 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003531.D

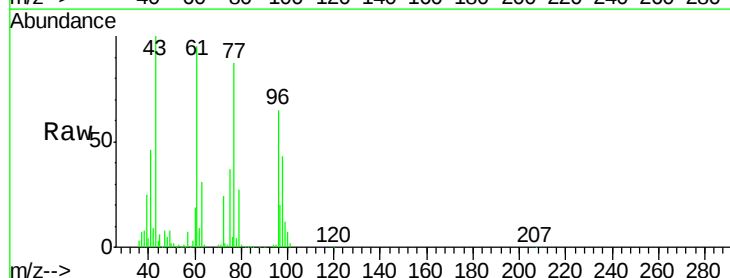
Acq: 12 Nov 2020 16:23

Tgt Ion: 77 Resp: 197985

Ion Ratio Lower Upper

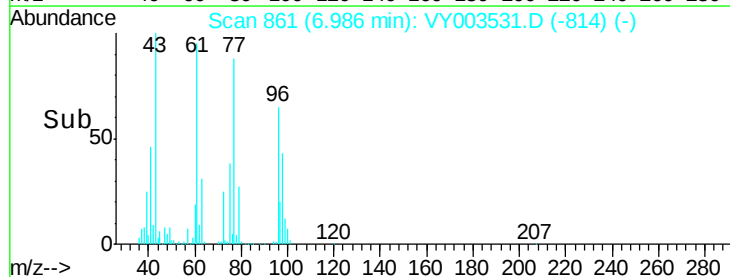
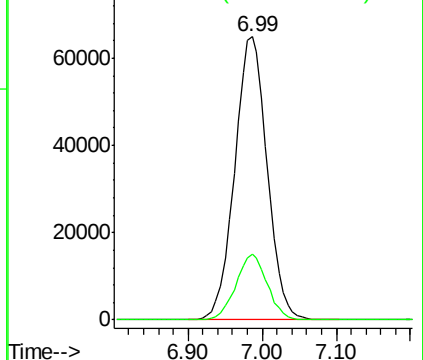
77 100

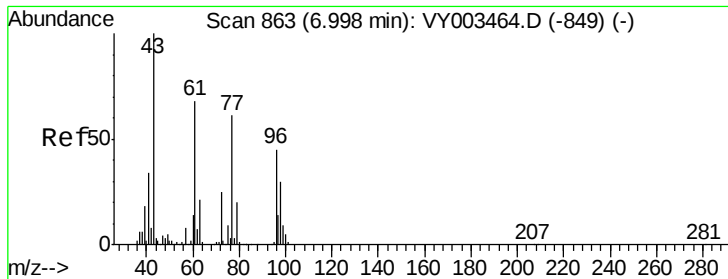
97 22.4 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

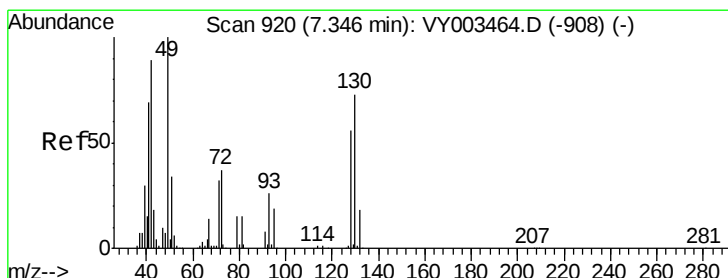
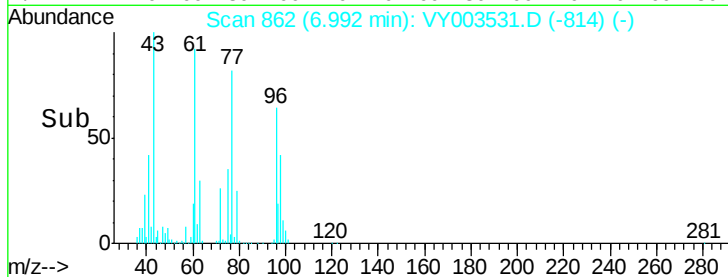
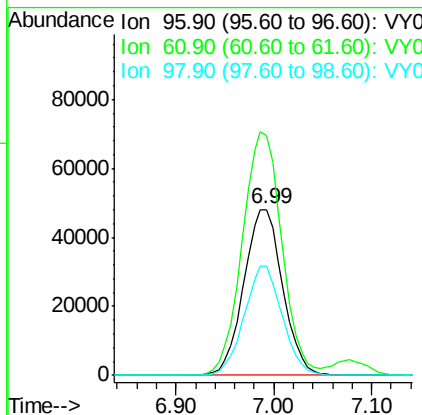
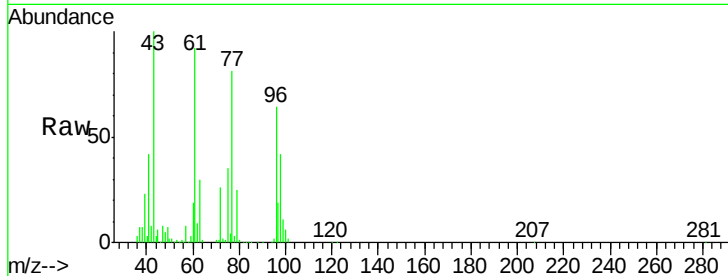
cis-1,2-Dichloroethene
Concen: 50.644 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	132740		
61	149.6	0.0	299.2	
98	64.6	0.0	128.6	

Manual Integrations
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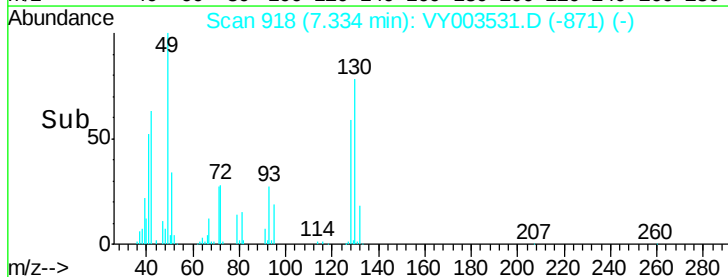
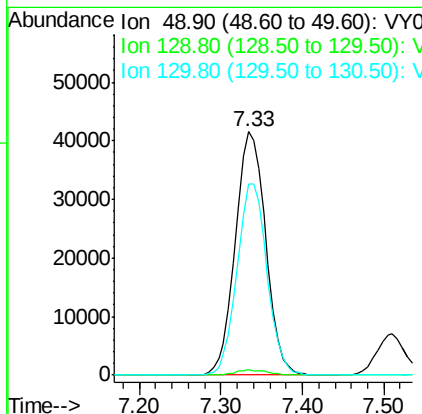
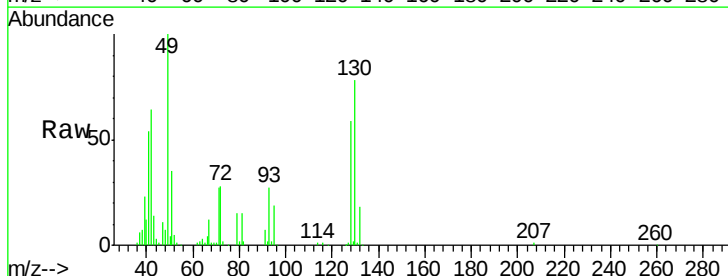
SAM
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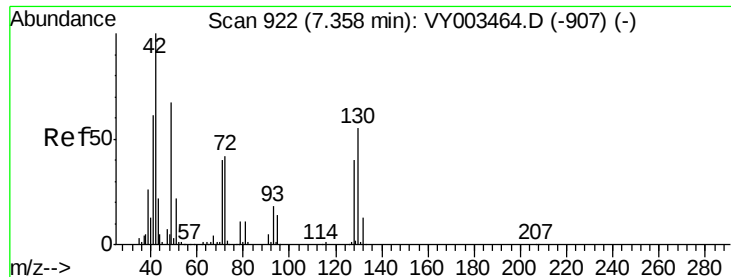


#28

Bromochloromethane
Concen: 50.078 ug/l
RT: 7.33 min Scan# 918
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	107014		
129	2.2	0.0	4.2	
130	77.8	60.0	90.0	





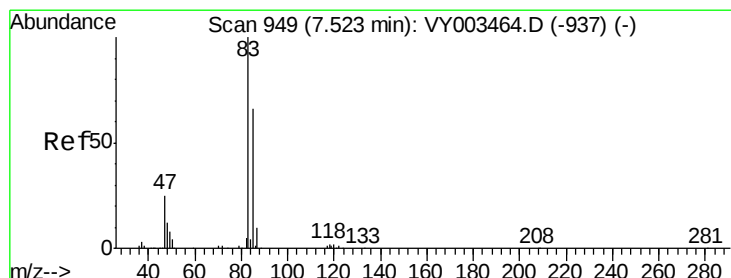
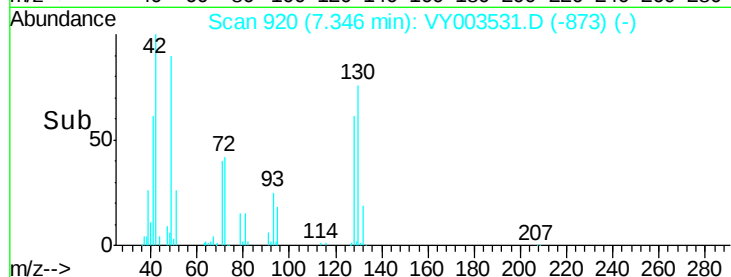
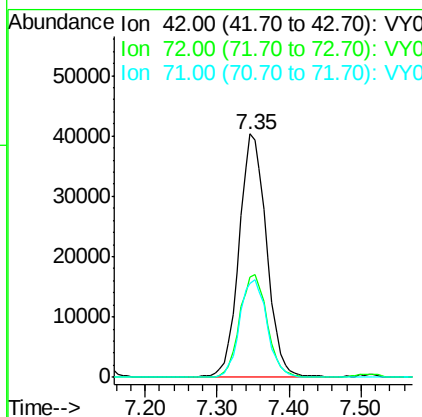
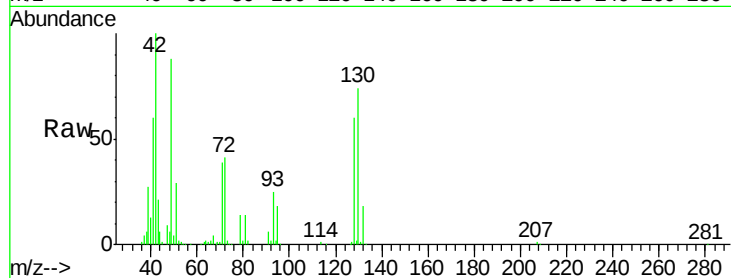
#29
Tetrahydrofuran
Concen: 189.005 ug/l
RT: 7.35 min Scan# 920
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.1	32.8	49.2
71	39.8	30.7	46.1

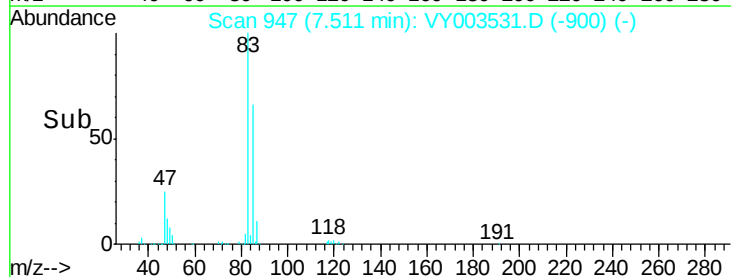
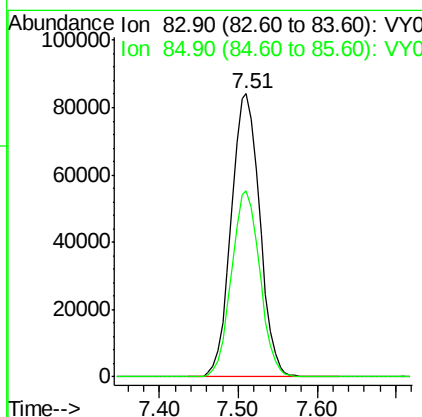
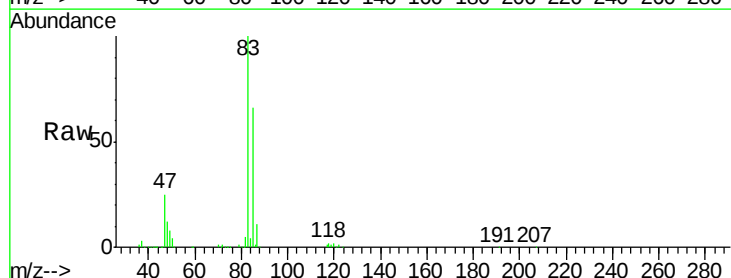
Manual Integrations
APPROVED

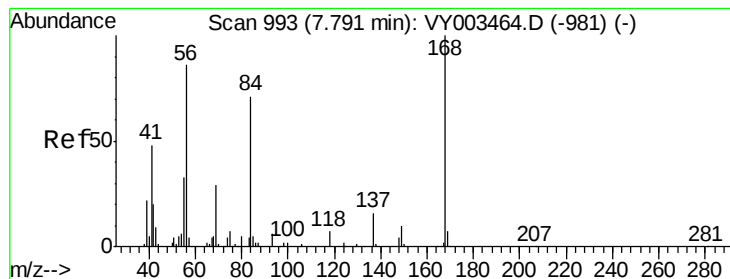
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#30
Chloroform
Concen: 50.819 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	52.6	79.0





#31

Cyclohexane

Concen: 45.423 ug/l

RT: 7.78 min Scan# 992

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

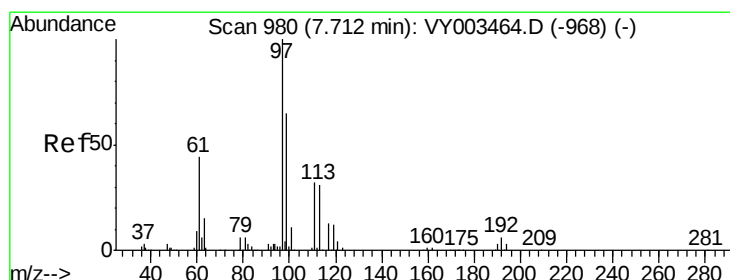
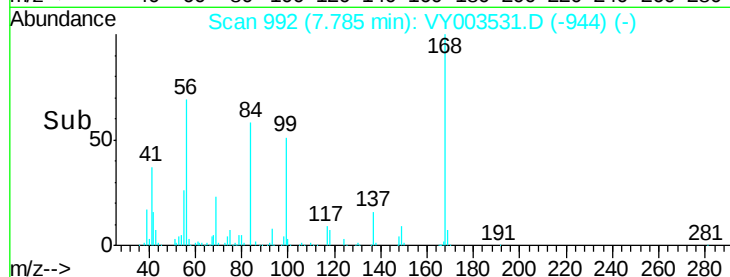
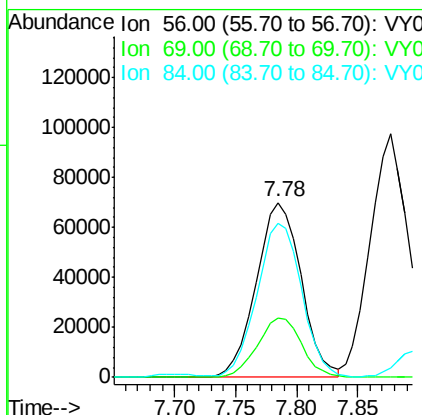
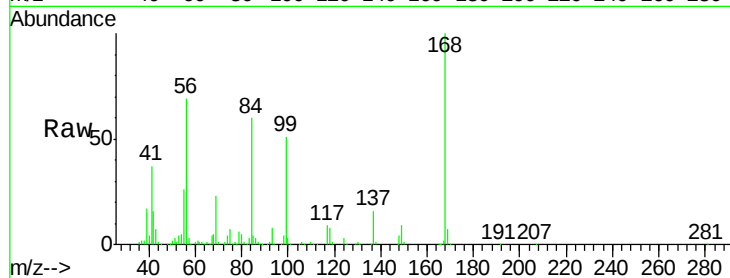
ClientSampleId :

VSTDCCC050EC

Tot Ion	56	Resp	178654
Ion	Ratio	Lower	Upper
56	100		
69	33.8	26.6	39.8
84	86.1	65.9	98.9

Manual Integrations
APPROVED

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#32

1,1,1-Trichloroethane

Concen: 50.051 ug/l

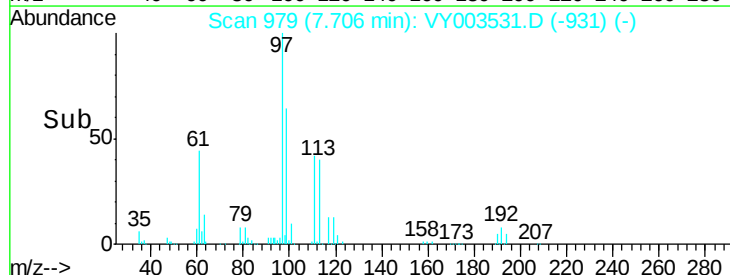
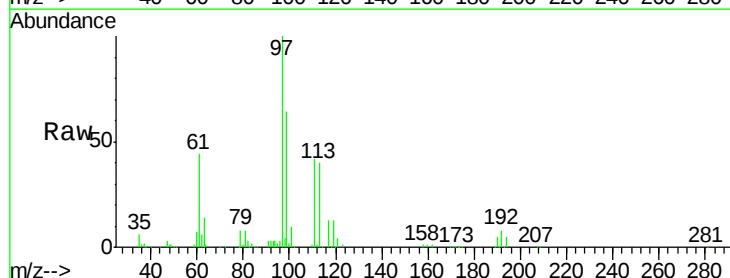
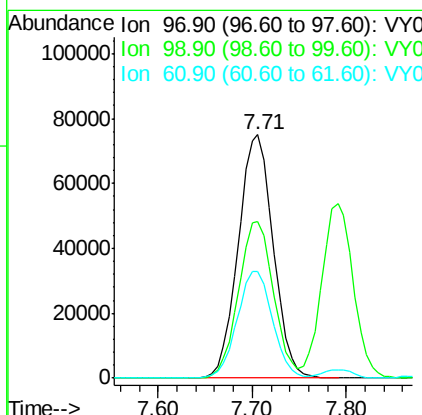
RT: 7.71 min Scan# 979

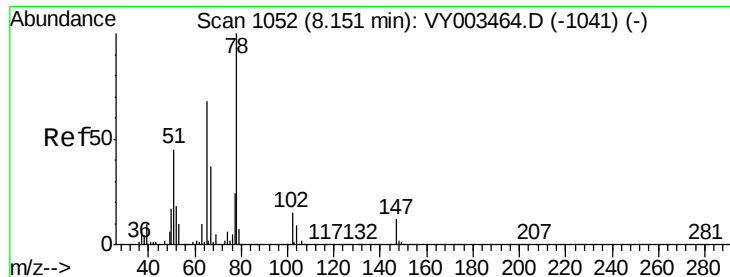
Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Tgt Ion	97	Resp	194811
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.6	77.4
61	44.1	35.1	52.7





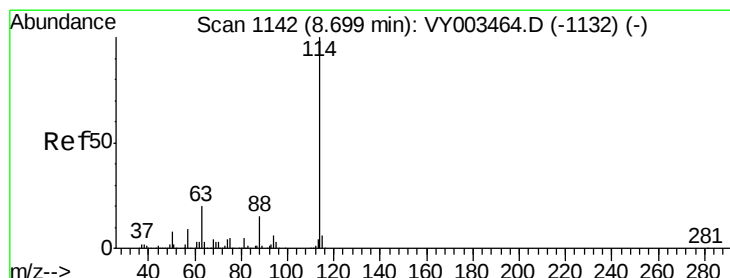
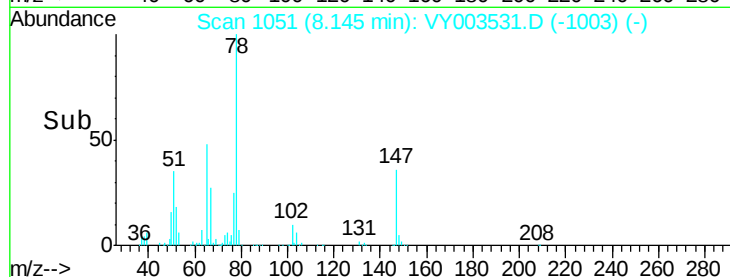
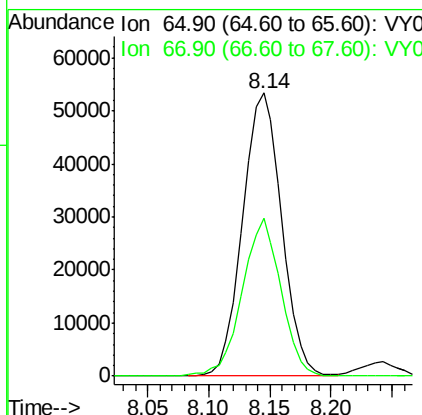
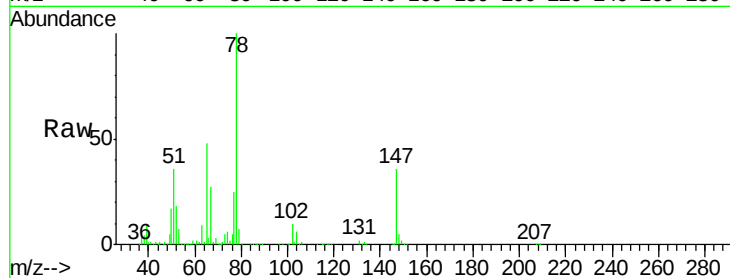
#33
 1,2-Dichloroethane-d4
 Concen: 45.171 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: VY003531.D
 Acq: 12 Nov 2020 16:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	55.2	0.0	106.0	

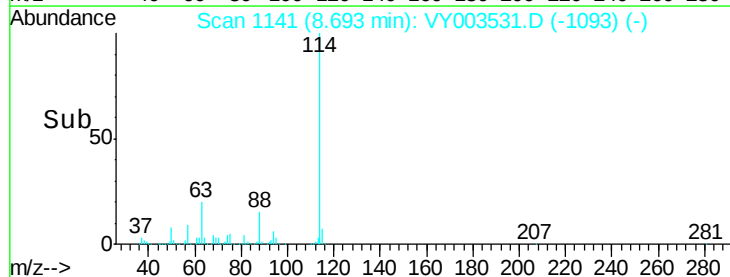
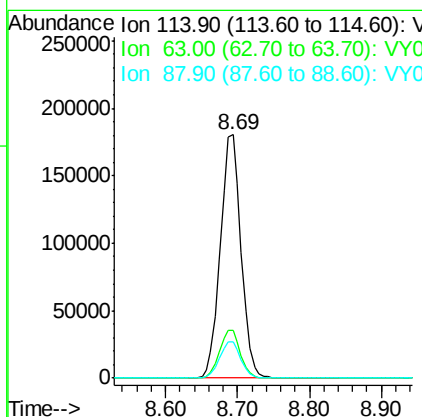
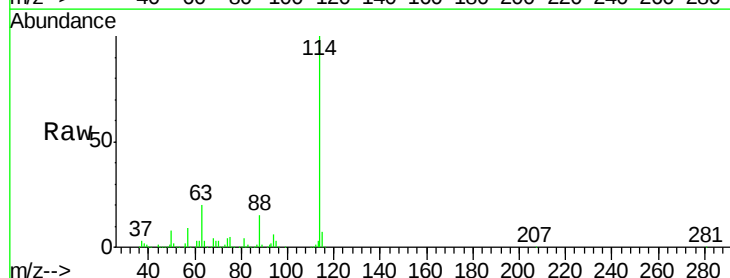
Manual Integrations
 APPROVED

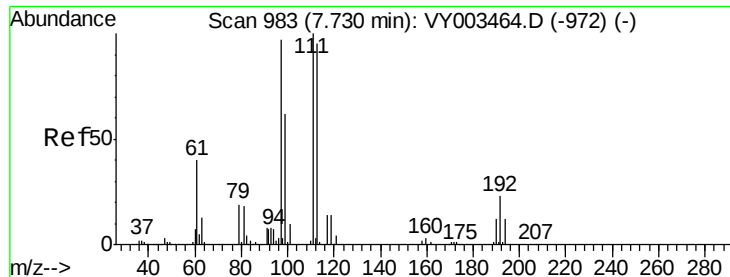
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY003531.D
 Acq: 12 Nov 2020 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.6	0.0	40.6	
88	15.1	0.0	29.4	





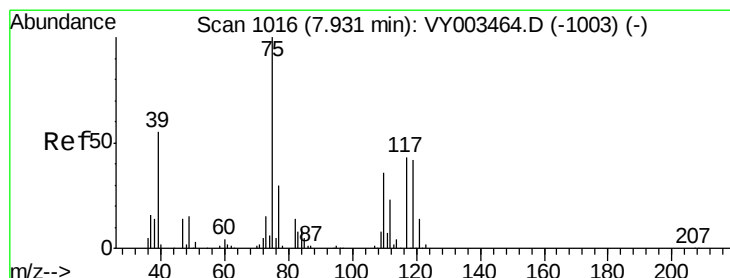
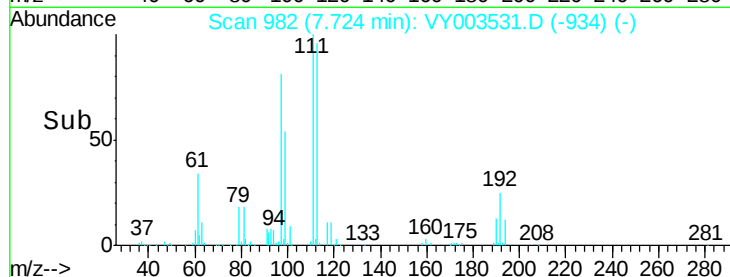
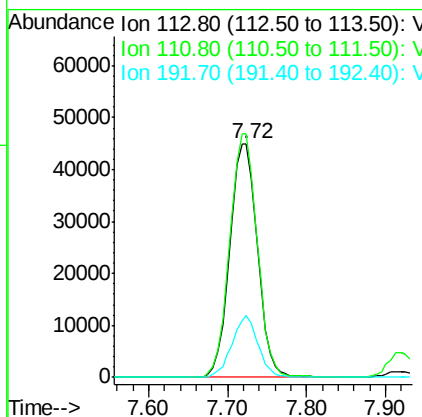
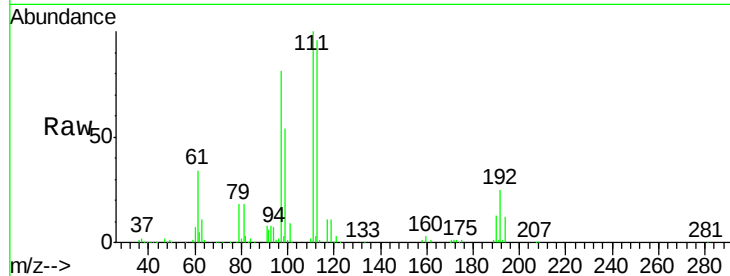
#35
Dibromofluoromethane
Concen: 50.056 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	109683		
111	103.7	81.8	122.6	
192	24.8	18.8	28.2	

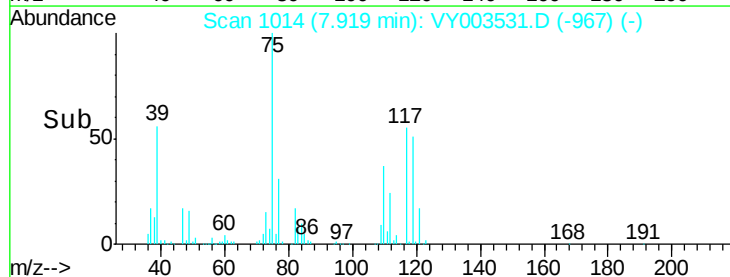
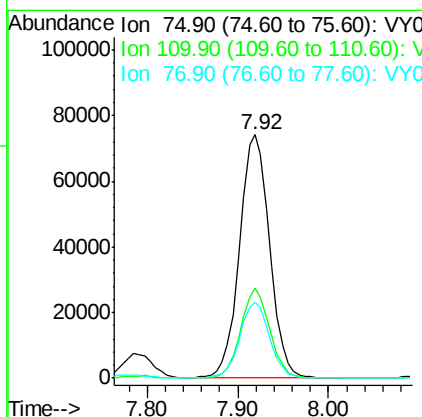
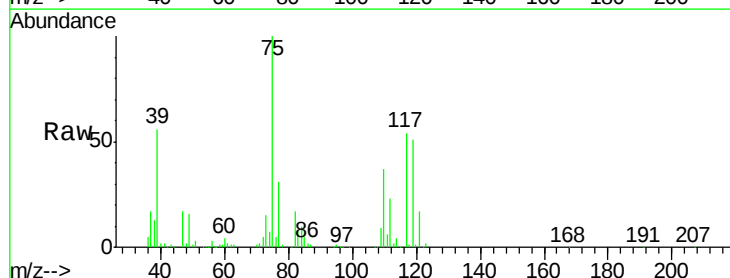
Manual Integrations
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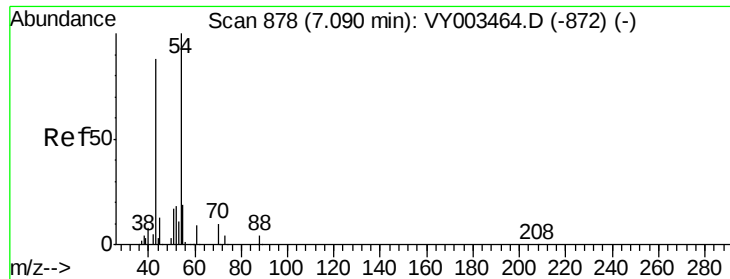
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#36
1,1-Dichloropropene
Concen: 50.002 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	169759		
110	35.7	17.6	52.9	
77	31.1	24.7	37.1	





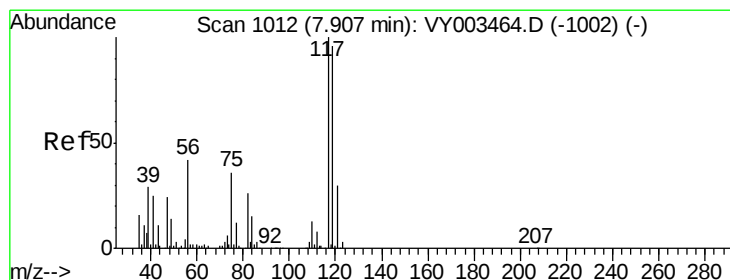
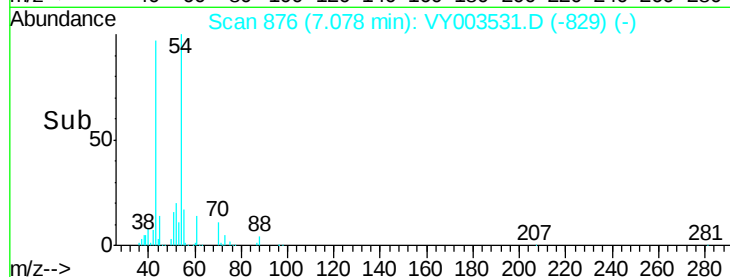
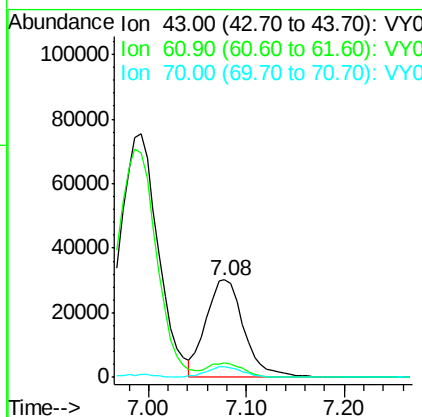
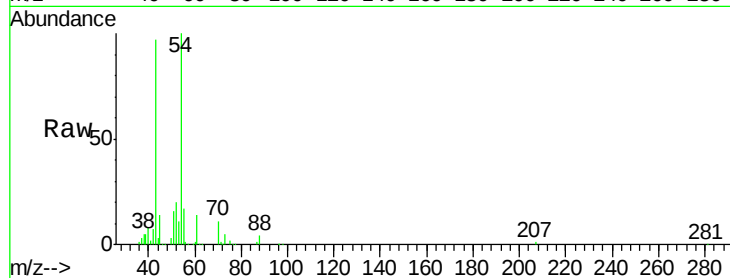
#37
Ethyl Acetate
Concen: 38.420 ug/l
RT: 7.08 min Scan# 876
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.0	16.6
70	10.4	7.9	11.9

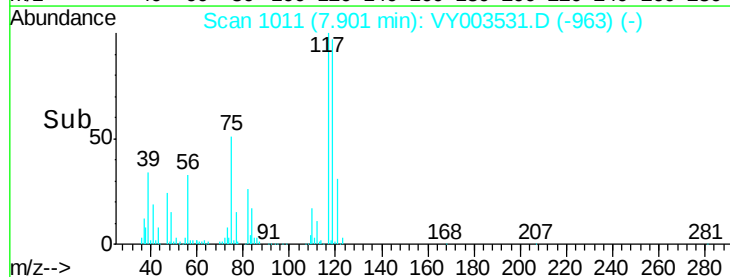
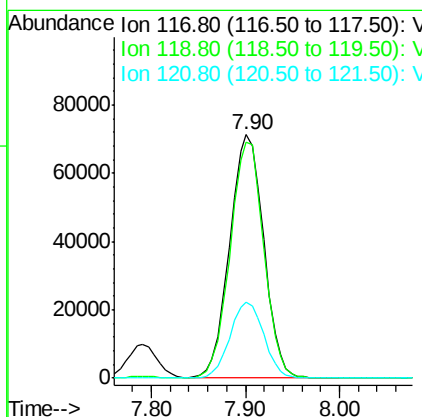
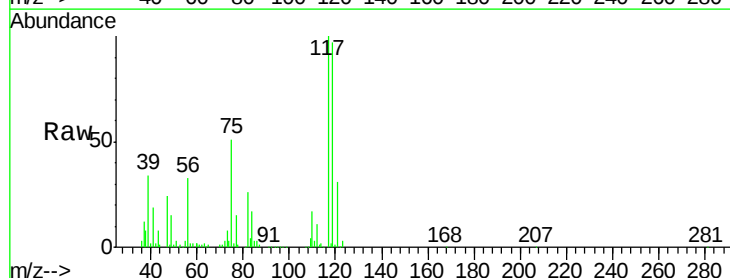
Manual Integrations
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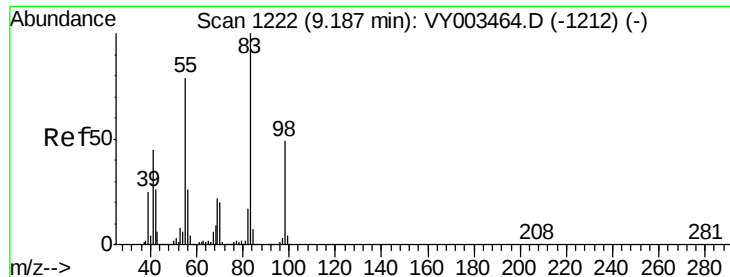
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#38
Carbon Tetrachloride
Concen: 50.766 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.2	114.4
121	31.1	24.2	36.4





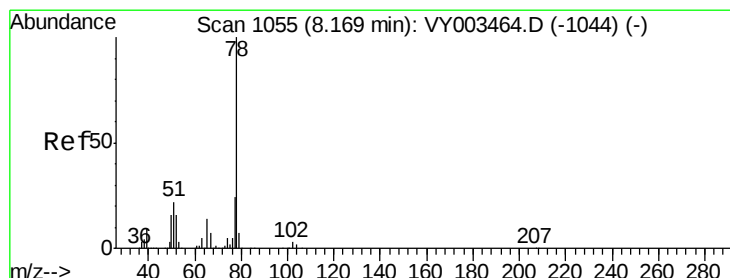
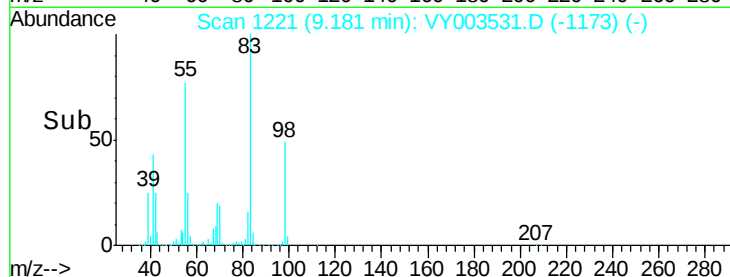
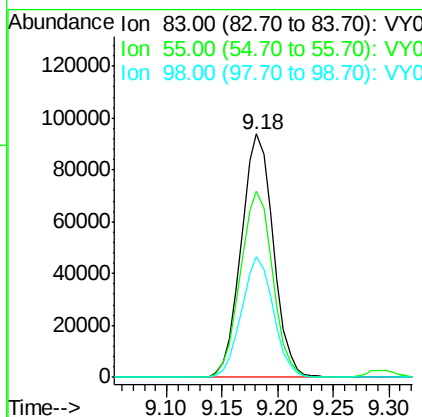
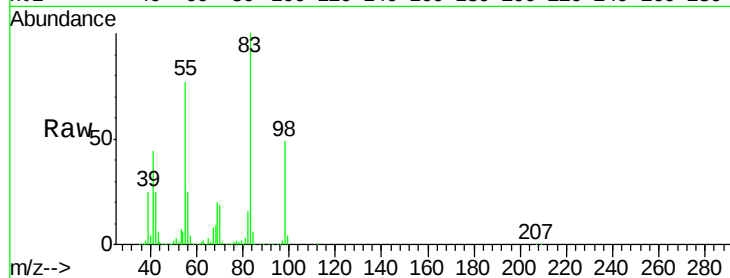
#39
Methvlcvclohexane
Concen: 49.839 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.6	63.5	95.3
98	49.3	39.4	59.2

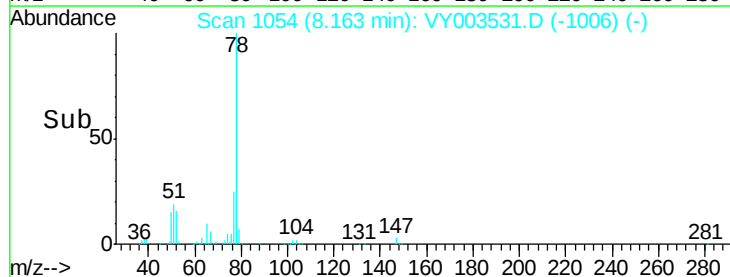
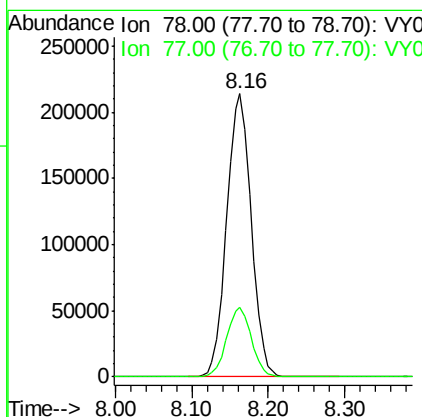
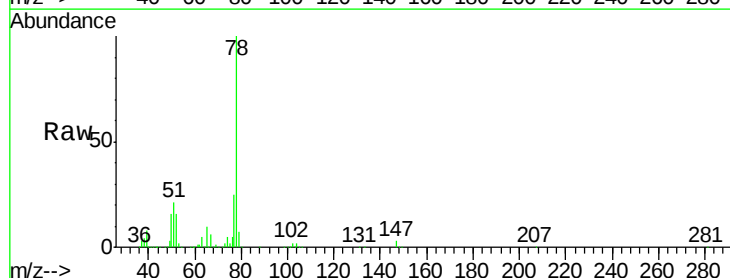
Manual Integrations
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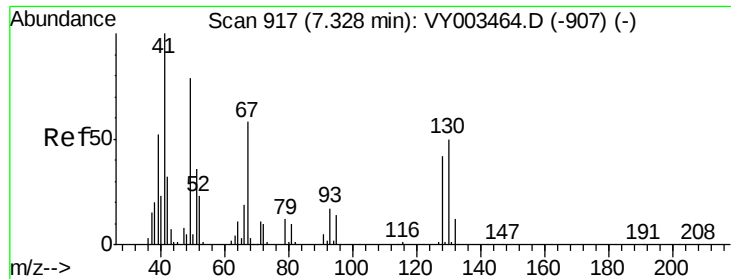
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#40
Benzene
Concen: 50.300 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.4	29.0





#41

Methacrylonitrile

Concen: 43.827 ug/l m

RT: 7.33 min Scan# 917

Delta R.T. 0.00 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 49340

Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

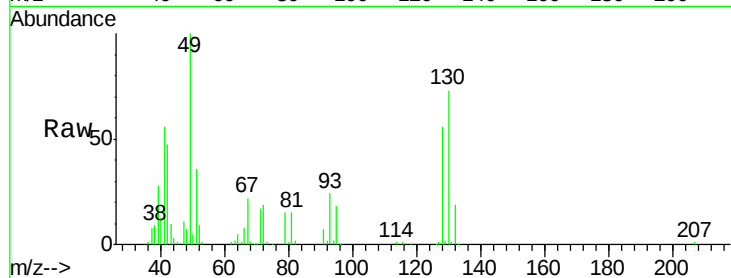
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
APPROVED

SAM

11/13/2020 6:14:11 PM

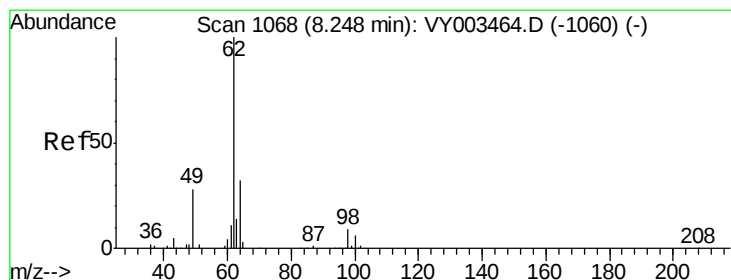
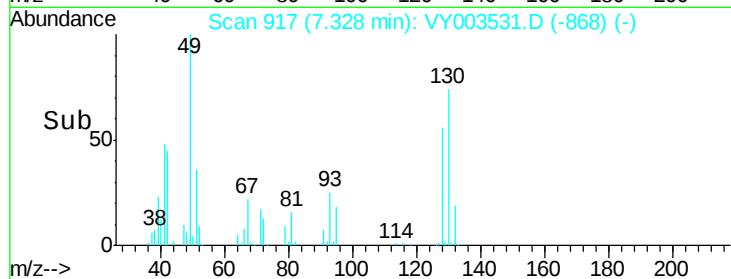
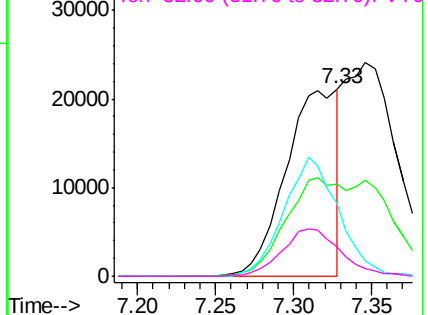


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 47.745 ug/l

RT: 8.24 min Scan# 1066

Delta R.T. -0.01 min

Lab File: VY003531.D

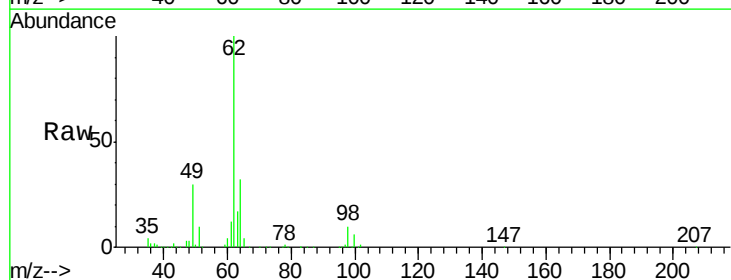
Acq: 12 Nov 2020 16:23

Tgt Ion: 62 Resp: 141346

Ion Ratio Lower Upper

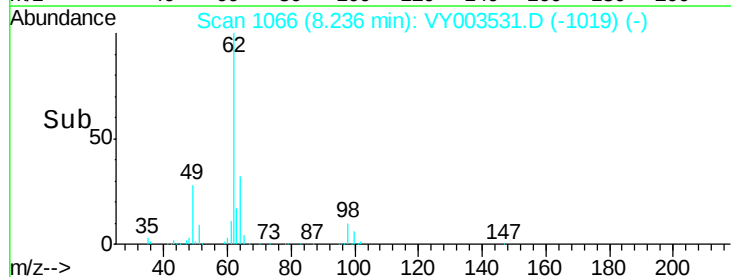
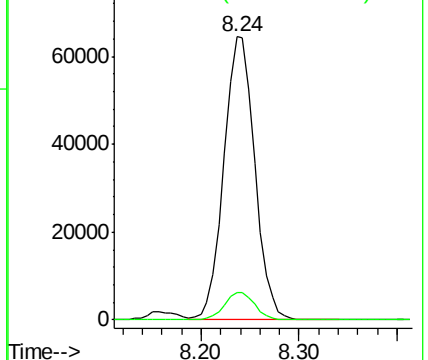
62 100

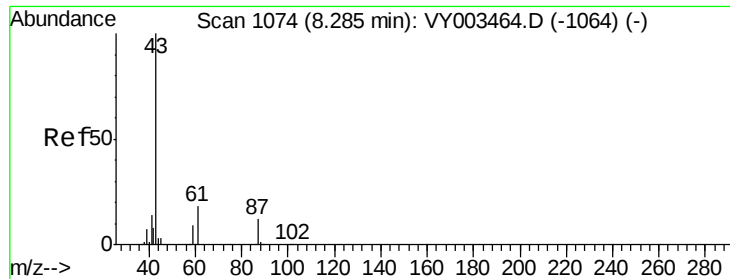
98 9.4 0.0 18.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





#43

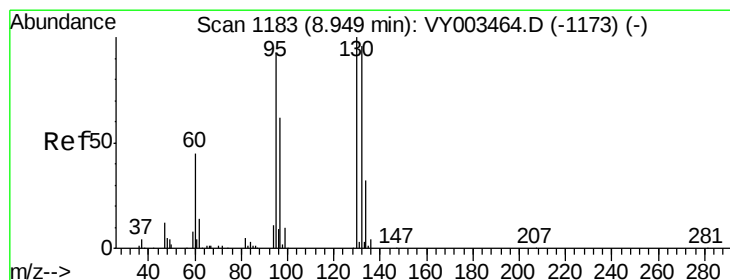
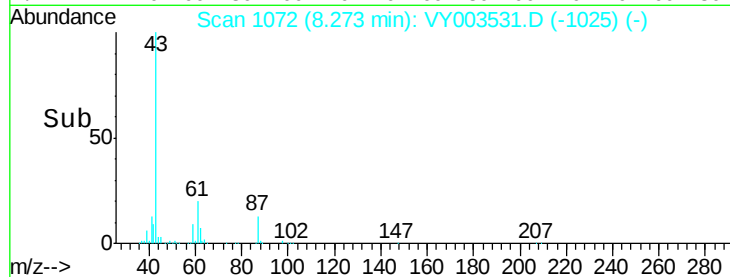
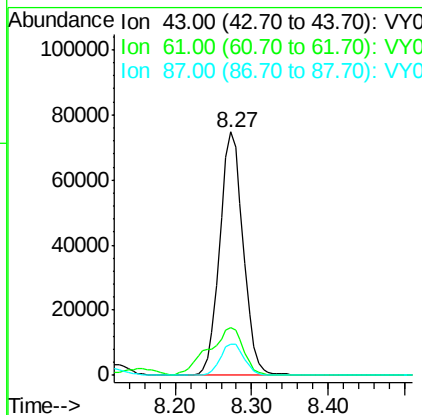
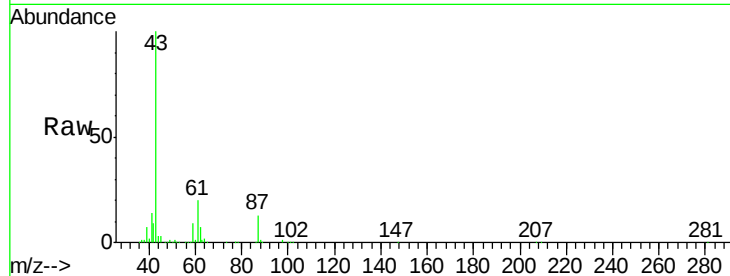
Isopropyl Acetate
 Concen: 41.485 ug/l
 RT: 8.27 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: VY003531.D
 Acq: 12 Nov 2020 16:23

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	29.4	21.9	32.9
87	13.2	10.0	15.0

Manual Integrations
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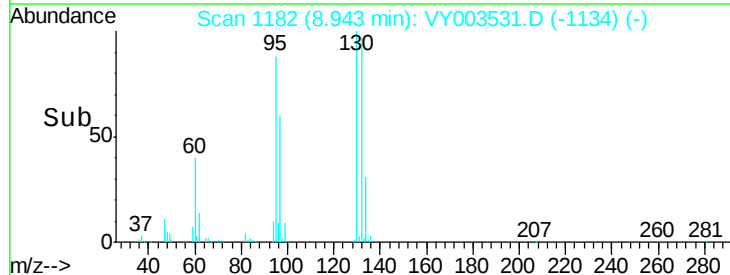
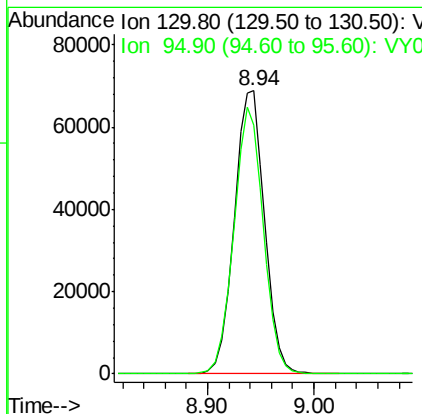
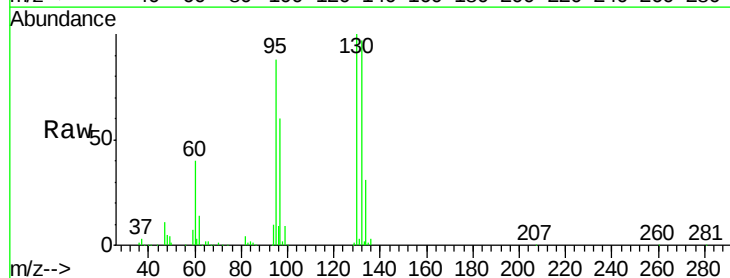
SAM
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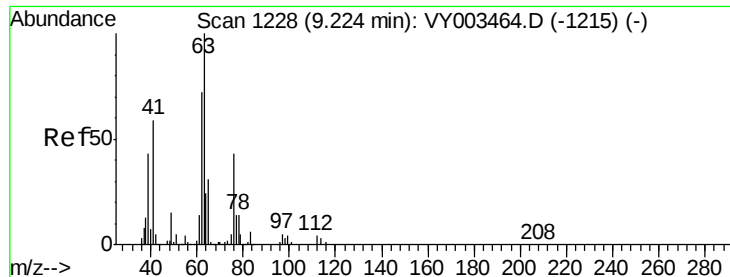


#44

Trichloroethene
 Concen: 51.616 ug/l
 RT: 8.94 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: VY003531.D
 Acq: 12 Nov 2020 16:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	87.7	0.0	186.6





#45

1,2-Dichloropropane

Concen: 50.390 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 120230

Ion Ratio Lower Upper

63 100

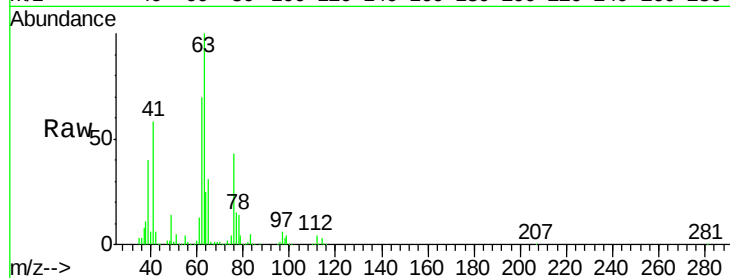
65 31.2 24.6 36.8

Manual Integrations

APPROVED

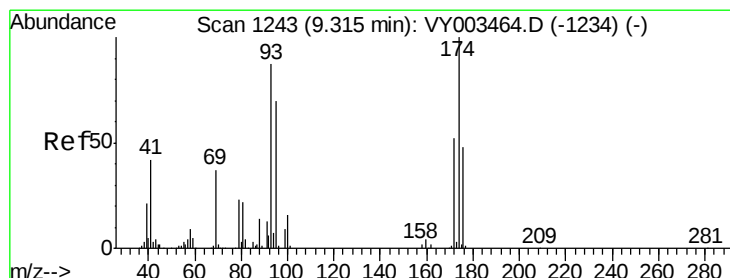
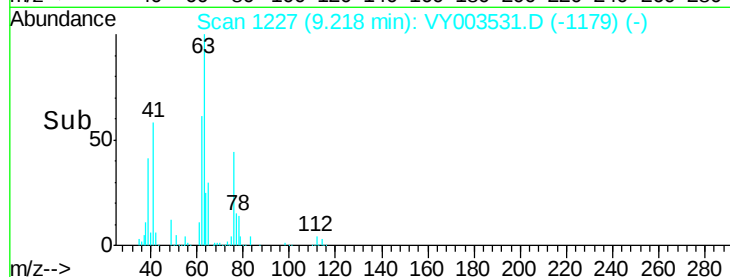
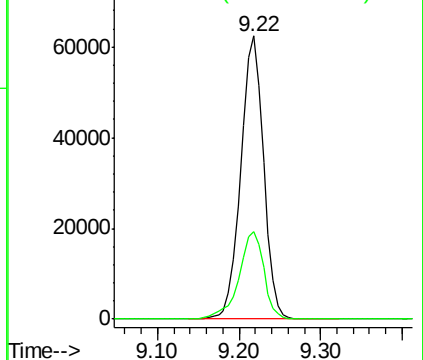
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Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0



#46

Dibromomethane

Concen: 47.879 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

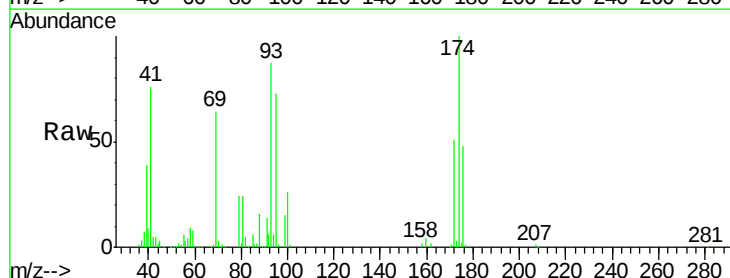
Tgt Ion: 93 Resp: 62849

Ion Ratio Lower Upper

93 100

95 82.3 65.0 97.6

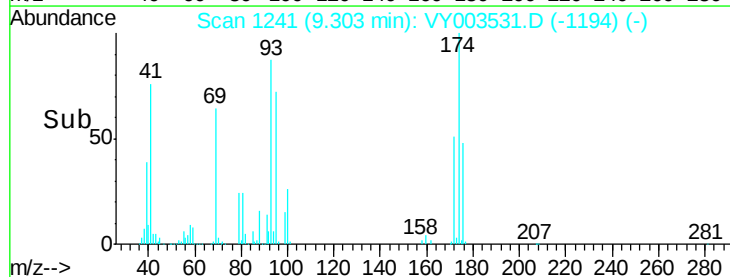
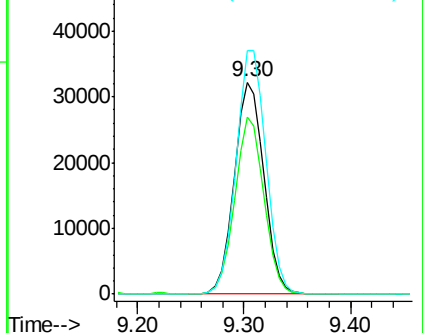
174 116.4 91.8 137.6

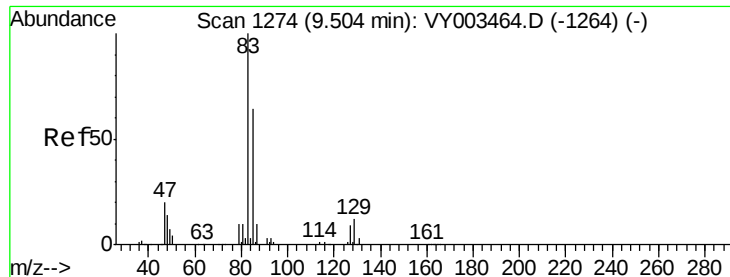


Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.383 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

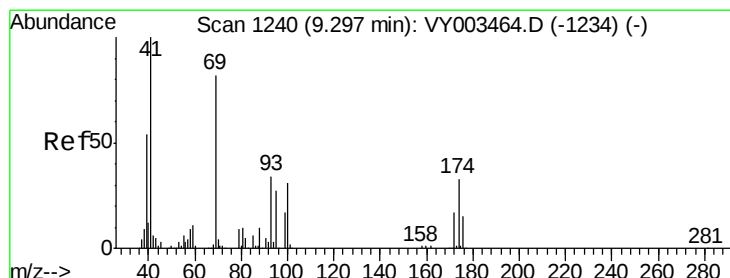
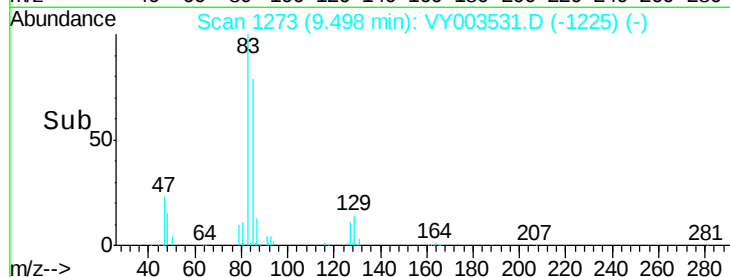
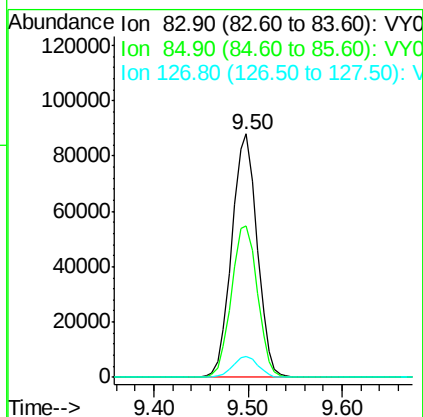
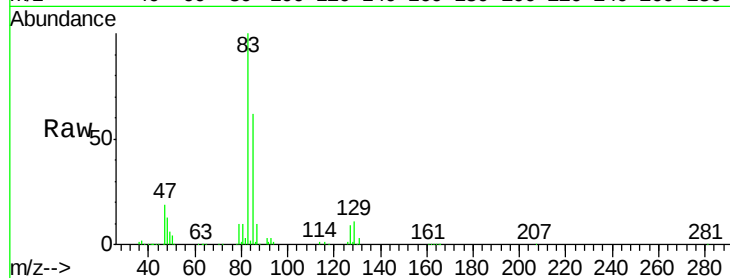
VSTDCCC050EC

Tot Ion:	83	Resp:	165087
Ion Ratio	Lower	Upper	
83	100		
85	62.4	51.0	76.6
127	8.6	7.1	10.7

Manual Integrations
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#48

Methyl methacrylate

Concen: 42.197 ug/l

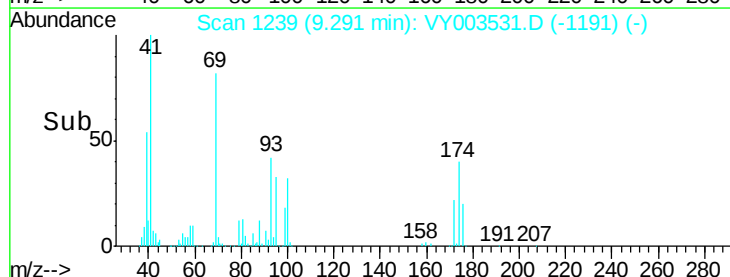
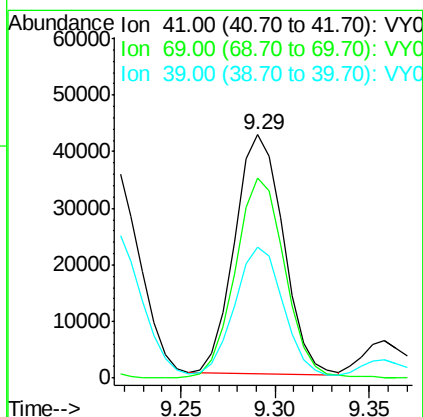
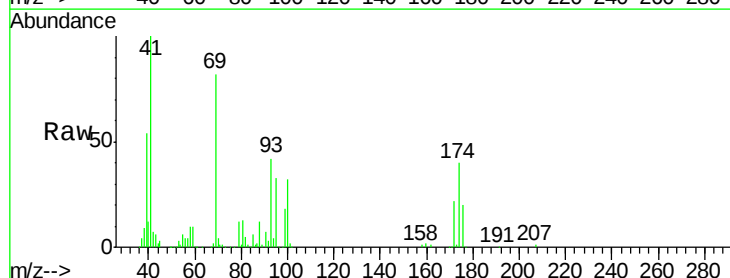
RT: 9.29 min Scan# 1239

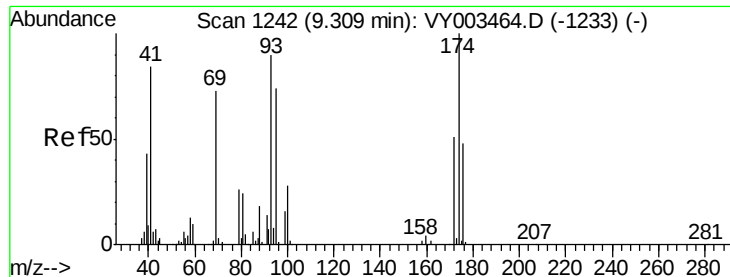
Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Tgt Ion:	41	Resp:	75310
Ion Ratio	Lower	Upper	
41	100		
69	85.9	65.9	98.9
39	55.7	43.2	64.8





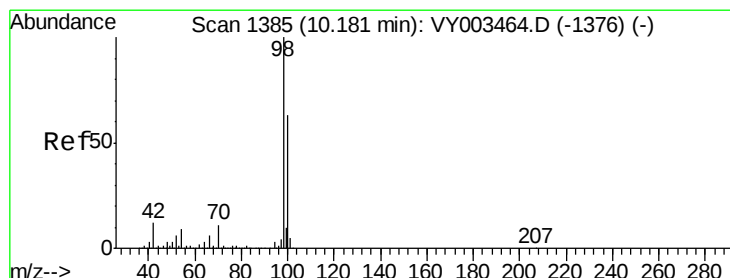
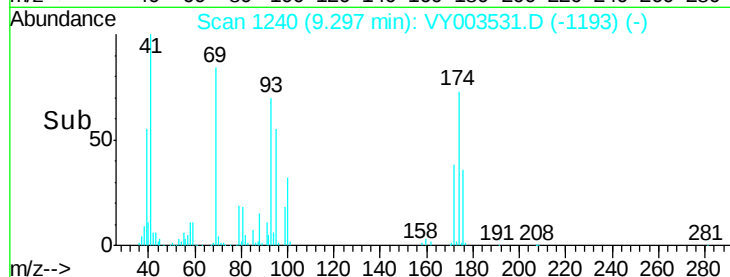
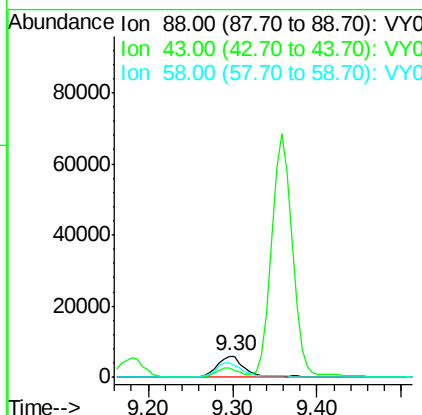
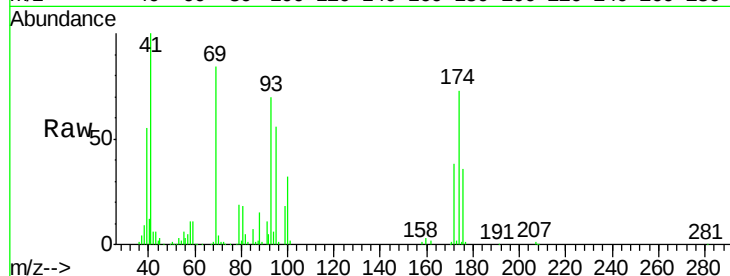
#49
1,4-Dioxane
Concen: 852.012 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.0	27.6	41.4
58	65.0	54.2	81.2

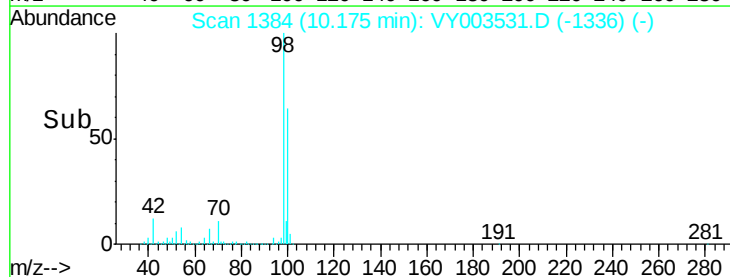
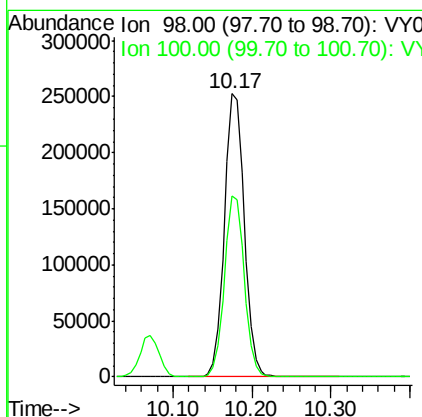
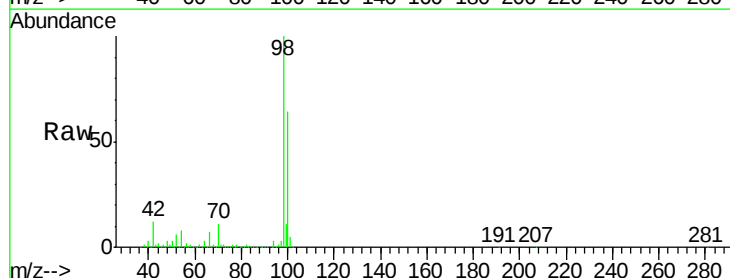
Manual Integrations
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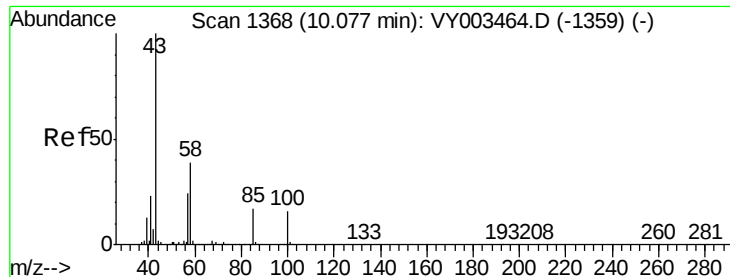
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#50
Toluene-d8
Concen: 48.659 ug/l
RT: 10.17 min Scan# 1384
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 201.318 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 406391

Ion Ratio Lower Upper

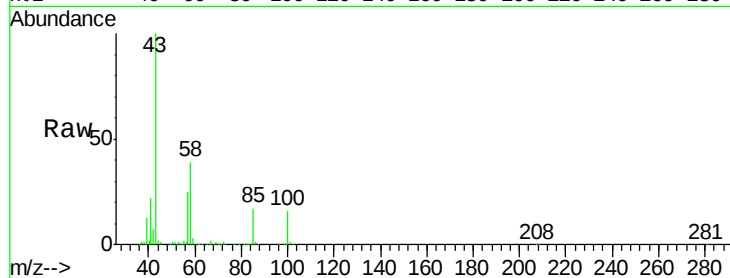
43 100

58 38.6 31.0 46.4

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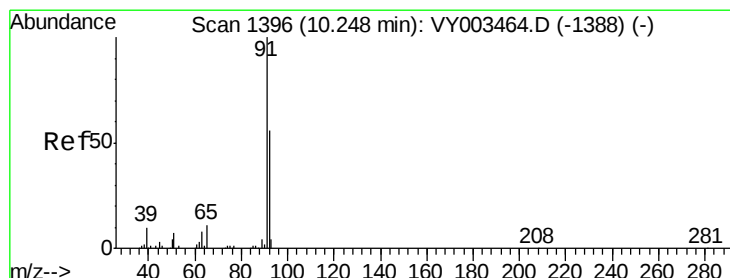
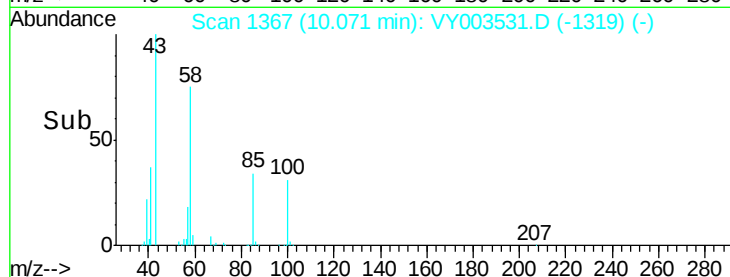
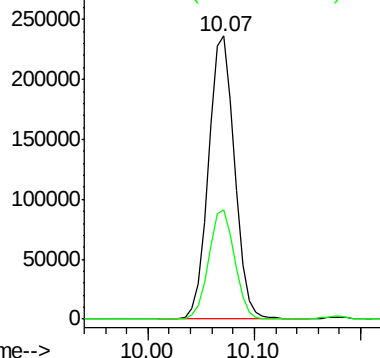
SAM

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 51.517 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY003531.D

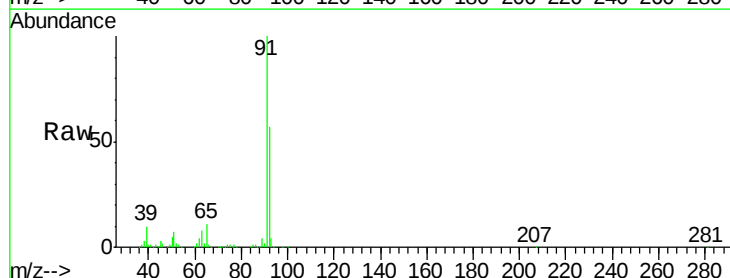
Acq: 12 Nov 2020 16:23

Tgt Ion: 92 Resp: 304435

Ion Ratio Lower Upper

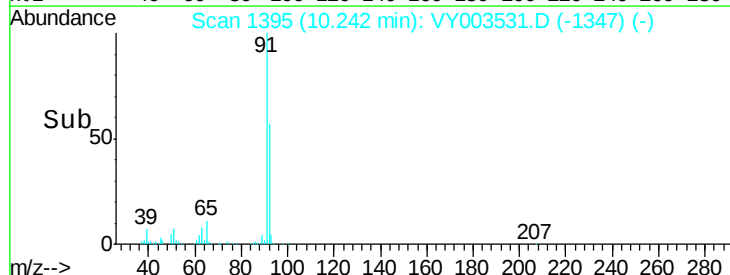
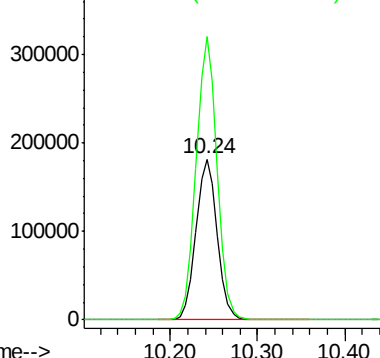
92 100

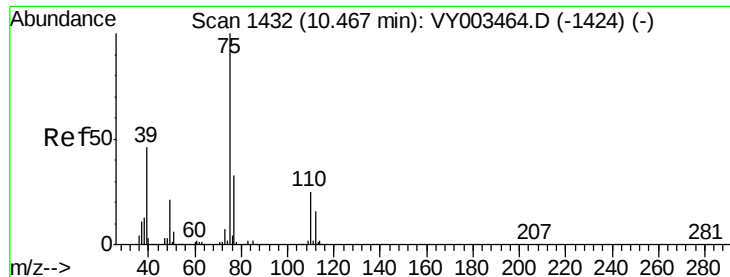
91 174.1 140.2 210.4



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 49.134 ug/l

RT: 10.46 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 167995

Ion Ratio Lower Upper

75 100

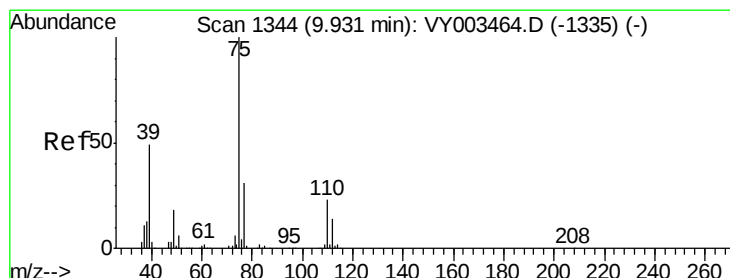
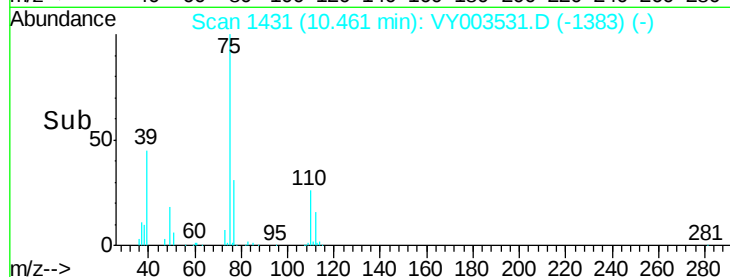
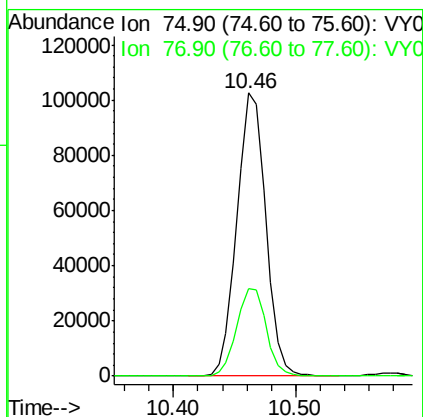
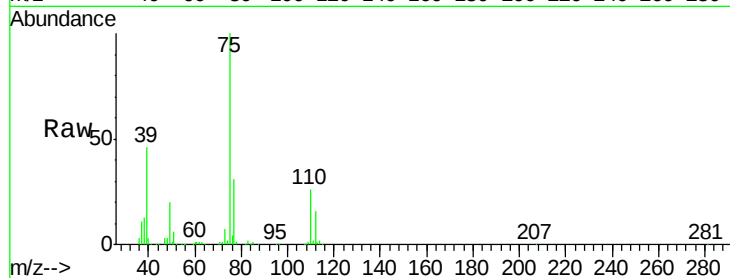
77 31.0 26.2 39.4

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 50.711 ug/l

RT: 9.92 min Scan# 1343

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

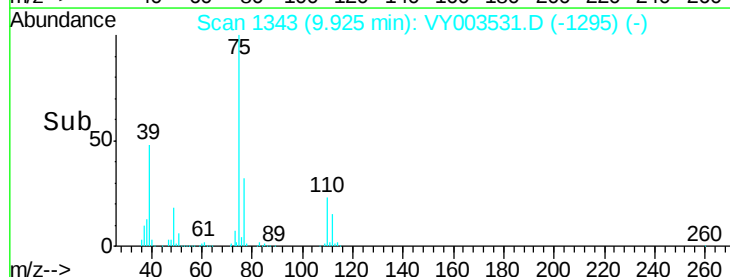
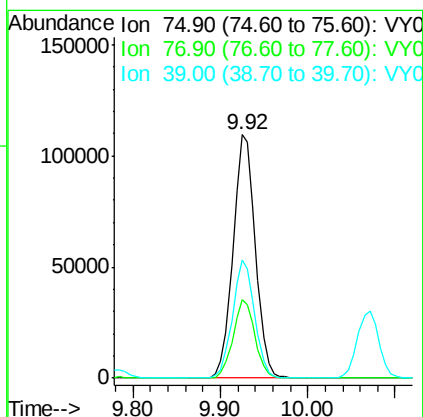
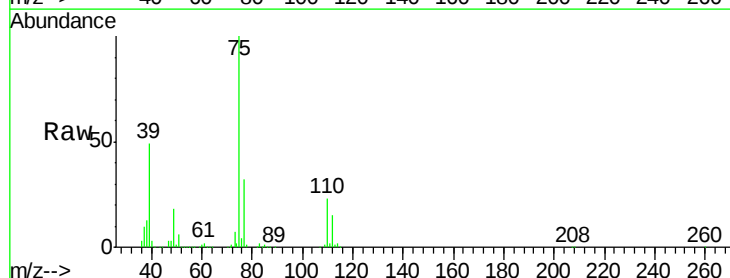
Tgt Ion: 75 Resp: 195113

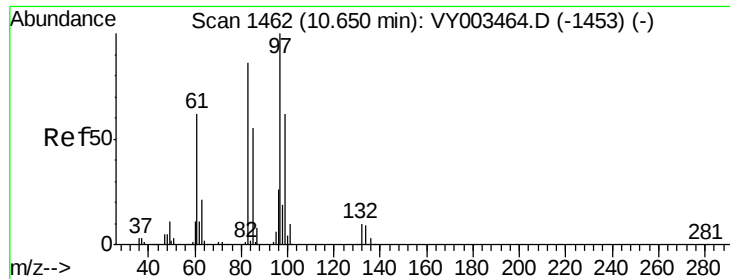
Ion Ratio Lower Upper

75 100

77 32.1 24.5 36.7

39 48.4 39.0 58.4





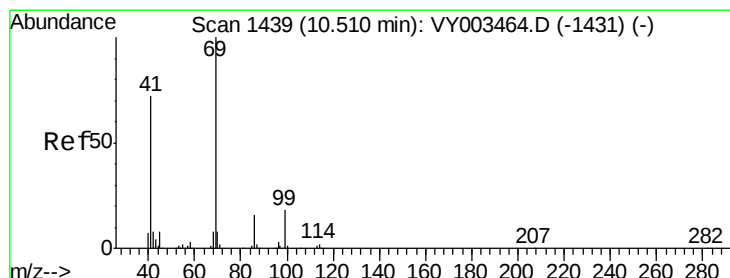
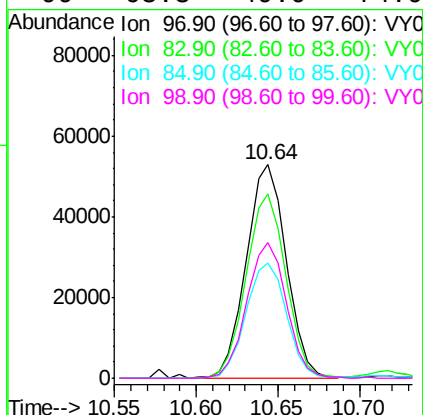
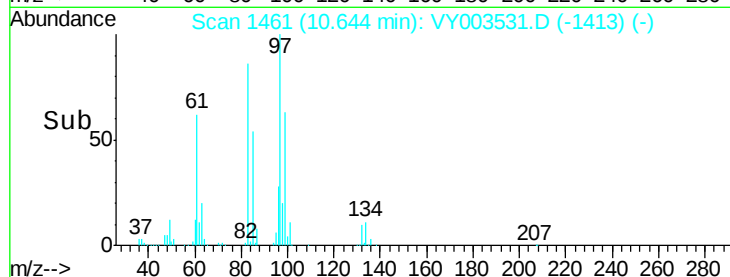
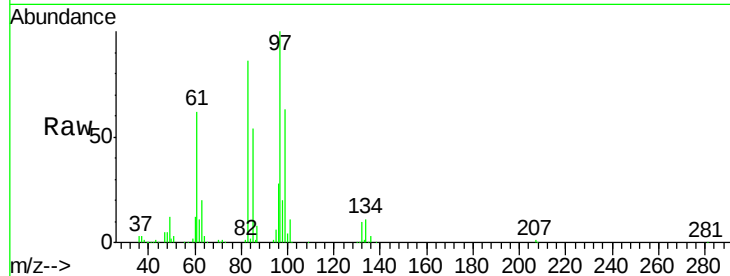
#55
 1,1,2-Trichloroethane
 Concen: 48.808 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY003531.D
 Acq: 12 Nov 2020 16:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		90949		
83	86.1	68.6	102.8		
85	54.2	43.8	65.6		
99	63.3	49.9	74.9		

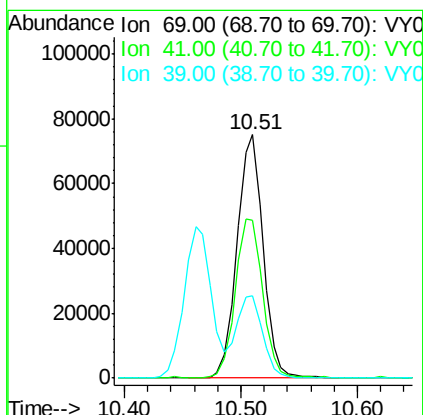
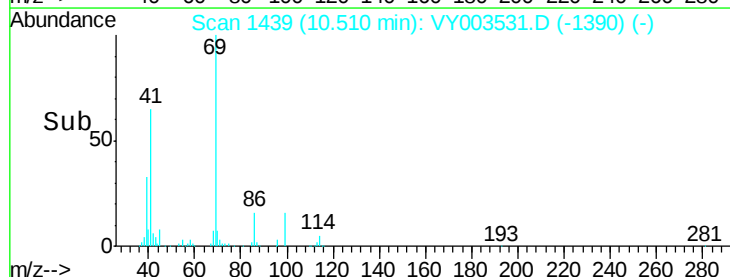
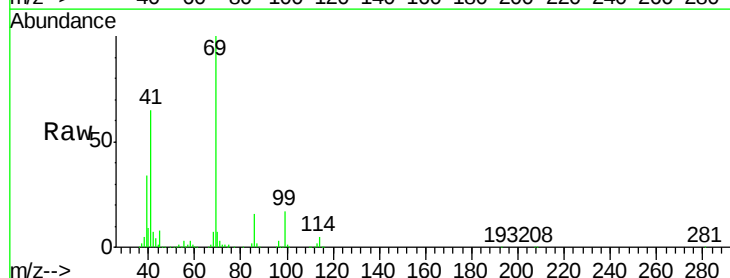
Manual Integrations
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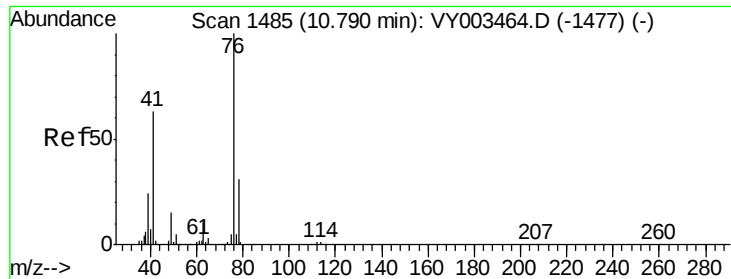
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#56
 Ethyl methacrylate
 Concen: 47.022 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003531.D
 Acq: 12 Nov 2020 16:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		117362		
41	68.1	55.4	83.2		
39	34.7	28.7	43.1		





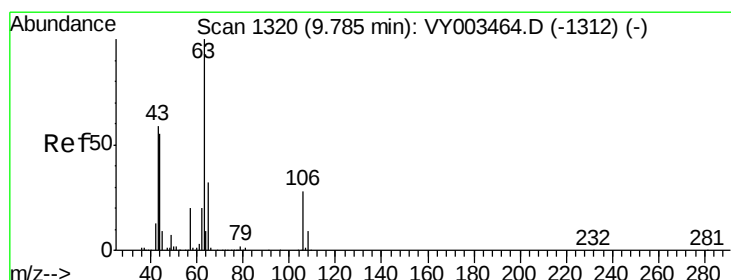
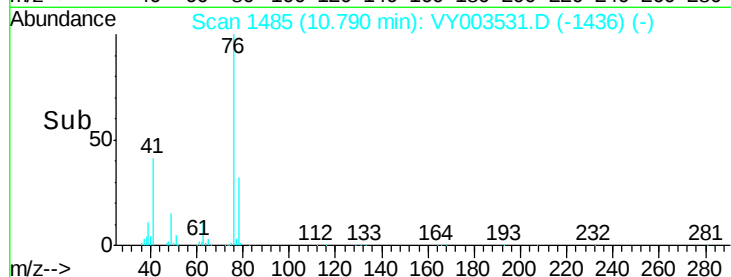
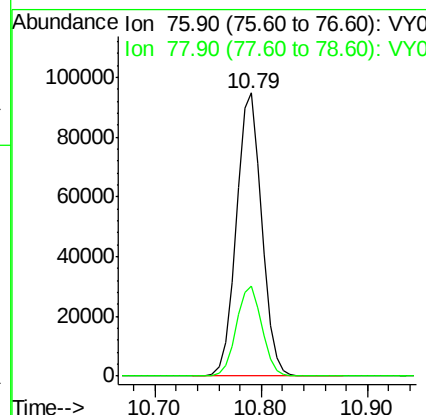
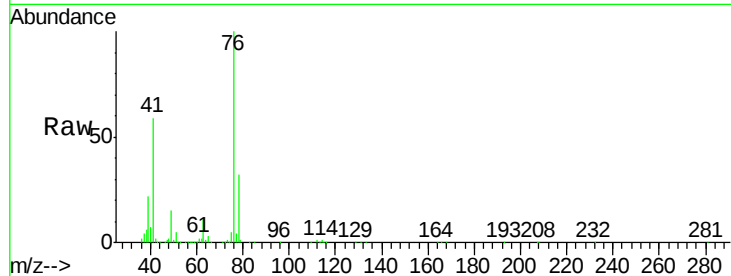
#57
 1,3-Dichloropropane
 Concen: 48.886 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. 0.00 min
 Lab File: VY003531.D
 Acq: 12 Nov 2020 16:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 158398
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.8

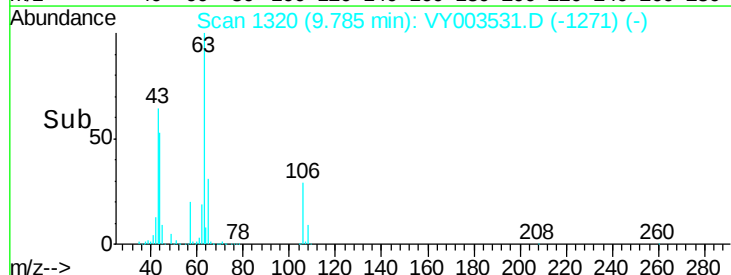
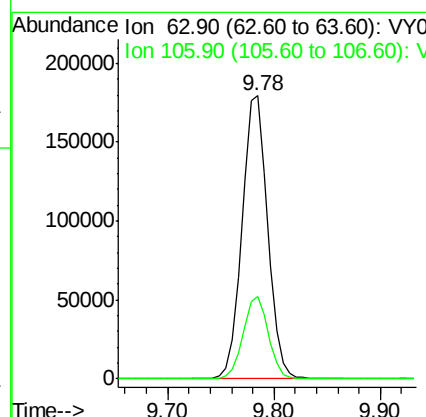
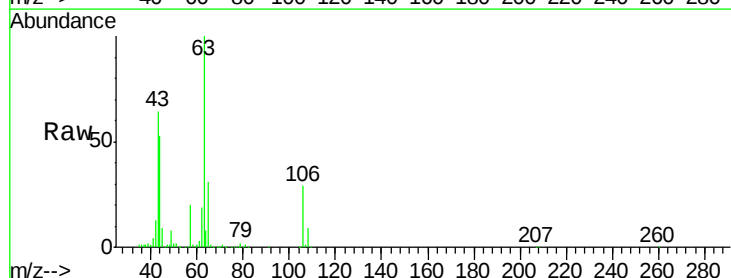
Manual Integrations
 APPROVED

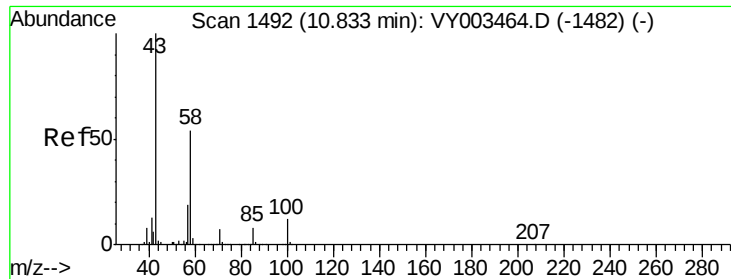
SAM
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#58
 2-Chloroethyl Vinyl ether
 Concen: 239.940 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: VY003531.D
 Acq: 12 Nov 2020 16:23

Tgt Ion: 63 Resp: 303589
 Ion Ratio Lower Upper
 63 100
 106 28.5 22.3 33.5





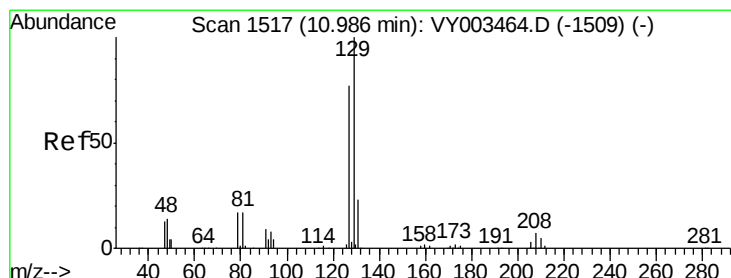
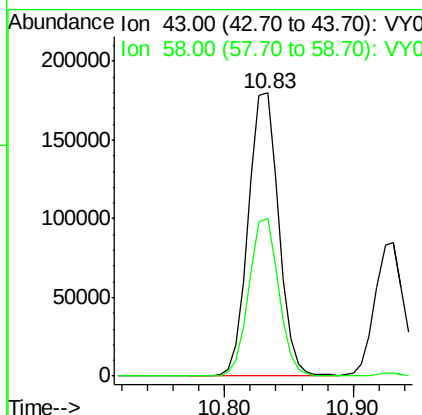
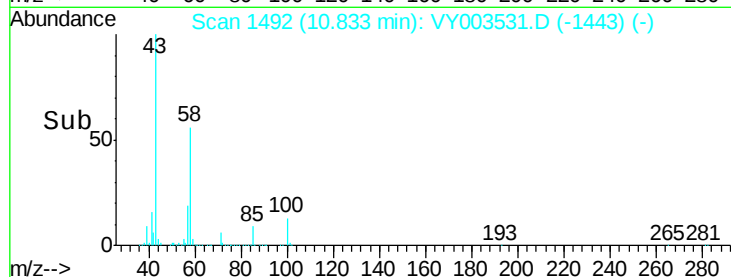
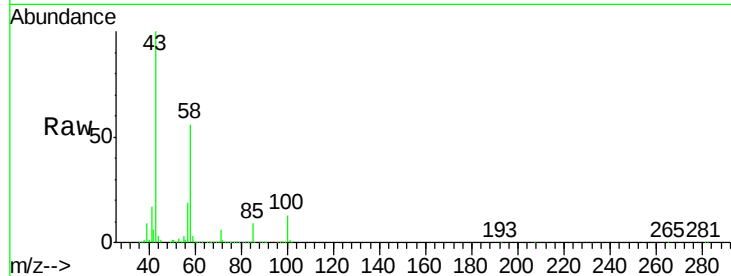
#59
2-Hexanone
Concen: 195.250 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 291825
Ion Ratio Lower Upper
43 100
58 54.7 26.8 80.3

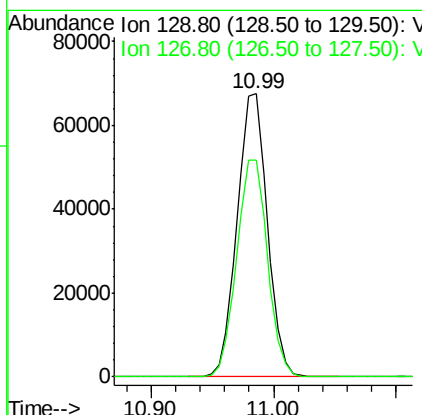
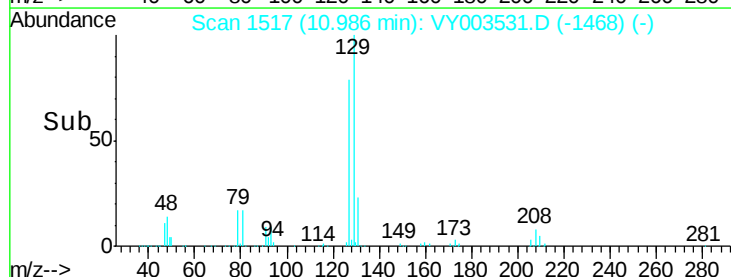
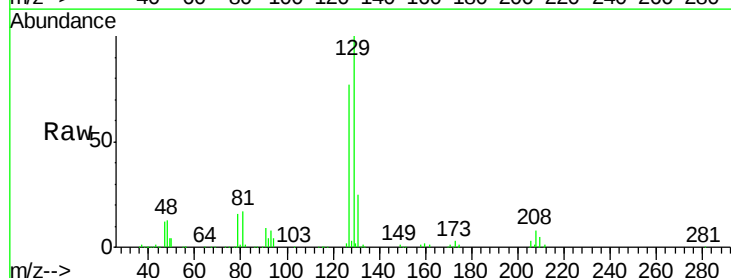
Manual Integrations
APPROVED

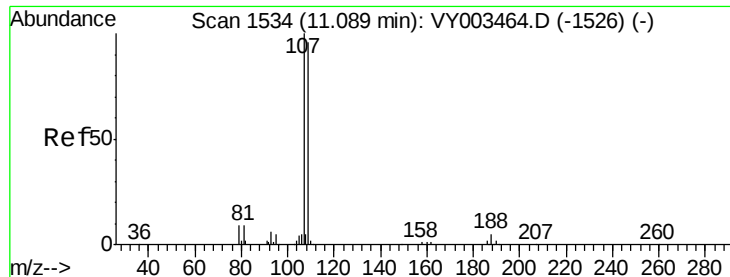
SAM
11/13/2020 6:14:11 PM



#60
Dibromochloromethane
Concen: 50.558 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Tgt Ion: 129 Resp: 115790
Ion Ratio Lower Upper
129 100
127 78.1 38.8 116.3





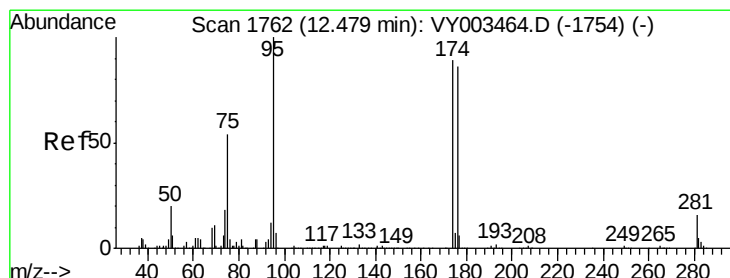
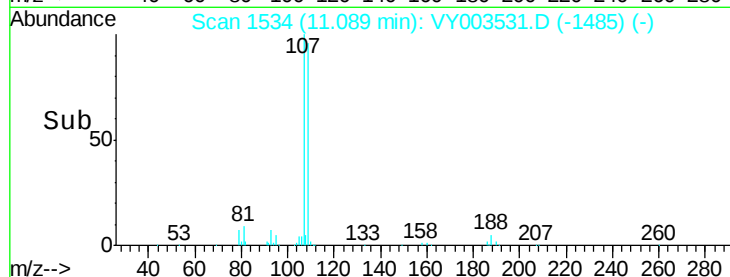
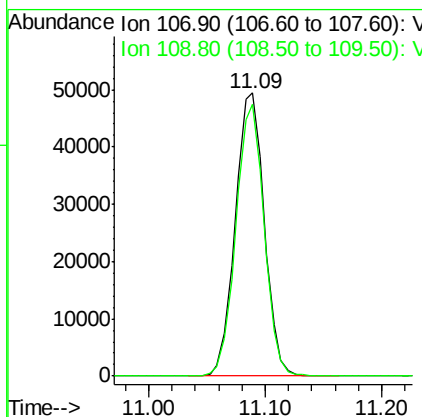
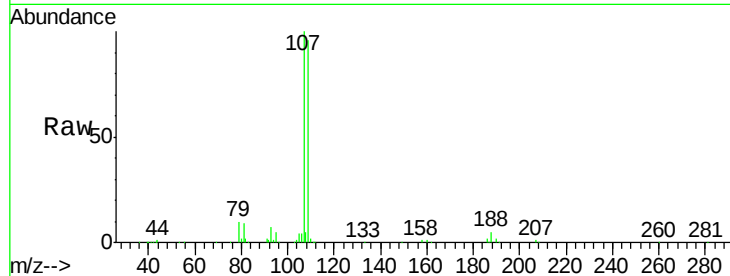
#61
 1,2-Dibromoethane
 Concen: 47.685 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003531.D
 Acq: 12 Nov 2020 16:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.7	76.5	114.7

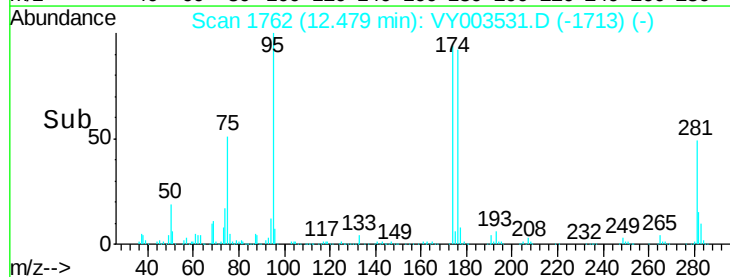
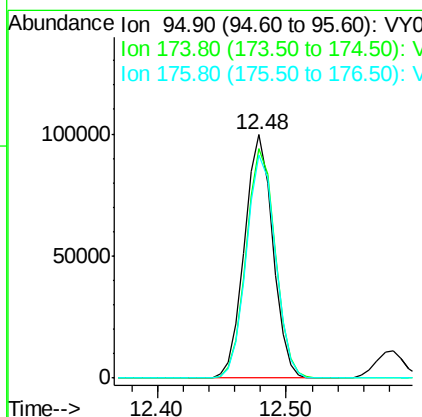
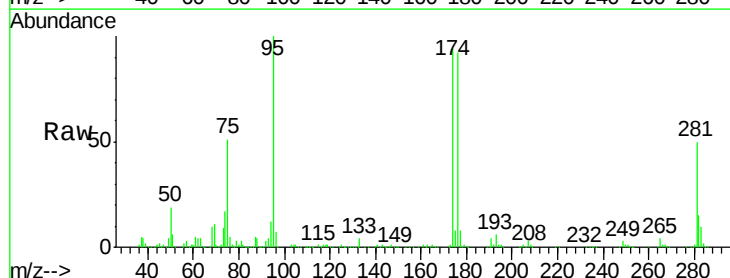
Manual Integrations
 APPROVED

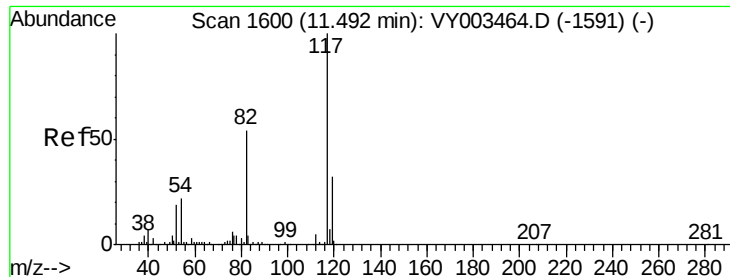
SAM
 11/13/2020 6:14:11 PM



#62
 4-Bromofluorobenzene
 Concen: 50.030 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003531.D
 Acq: 12 Nov 2020 16:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	96.3	0.0	193.0
176	94.1	0.0	187.4





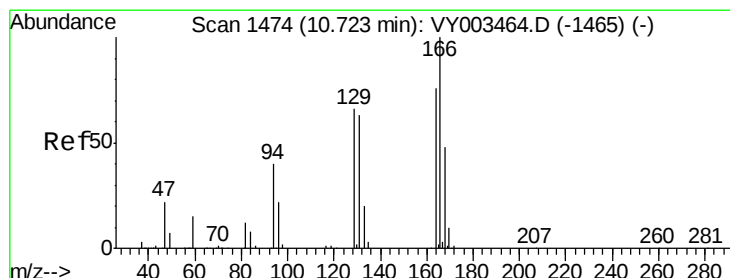
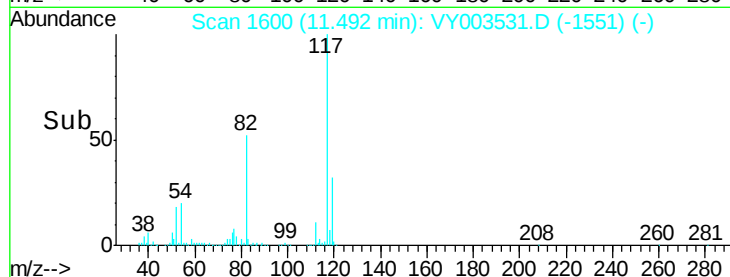
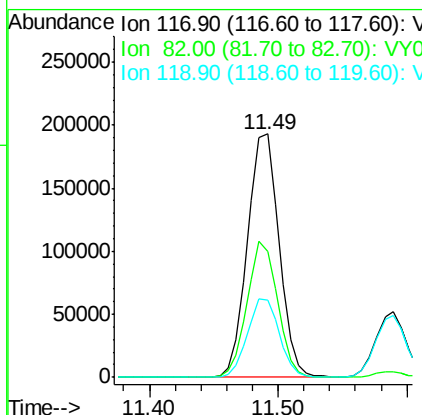
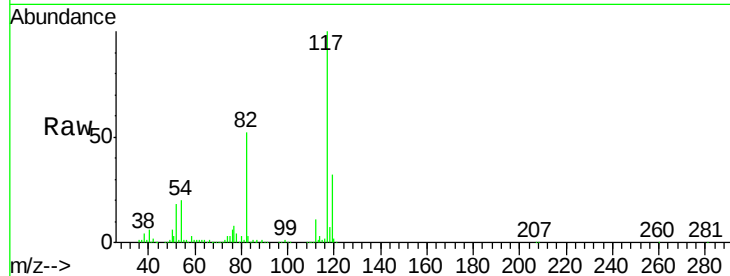
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	43.4	65.2
119	31.7	25.8	38.6

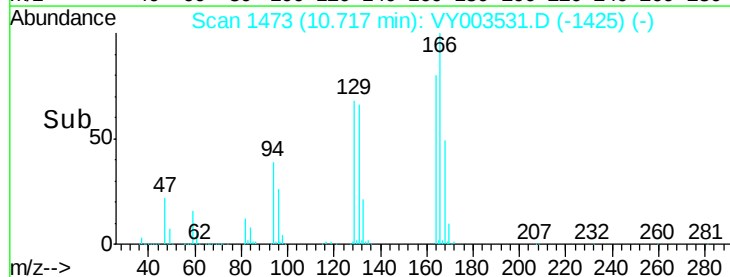
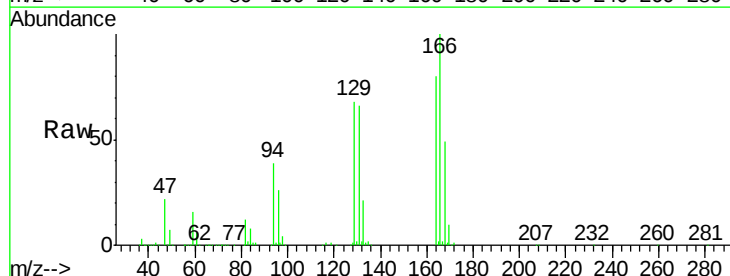
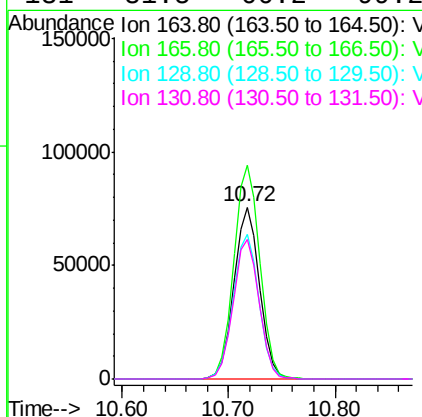
Manual Integrations
APPROVED

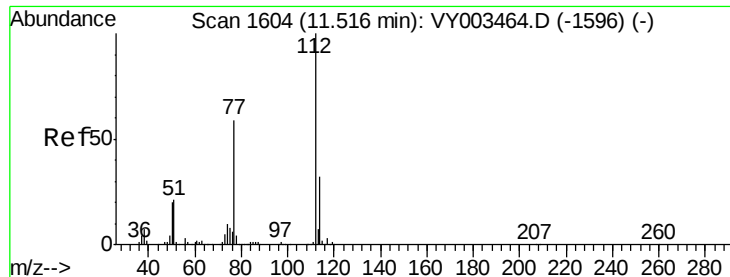
SAM
11/13/2020 6:14:11 PM



#64
Tetrachloroethene
Concen: 52.249 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.3	104.9	157.3
129	84.1	68.9	103.3
131	81.5	66.2	99.2





#65

Chlorobenzene

Concen: 52.283 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 331501

Ion Ratio Lower Upper

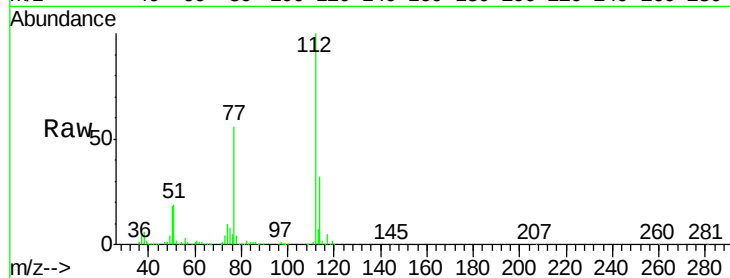
112 100

114 32.3 25.5 38.3

Manual Integrations
APPROVED

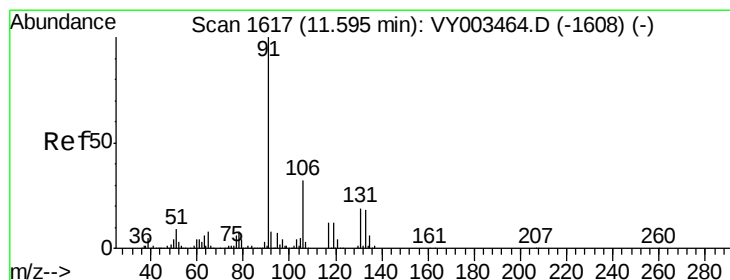
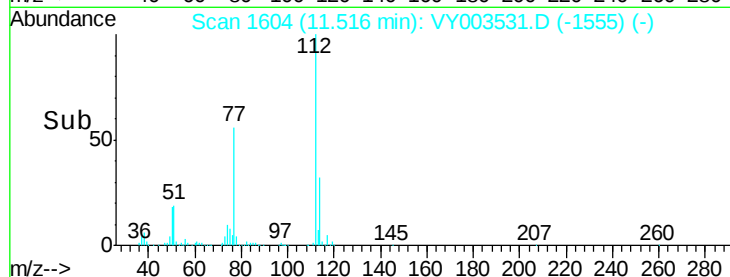
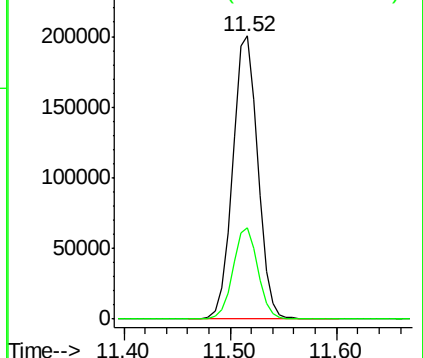
SAM

11/13/2020 6:14:11 PM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 52.566 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

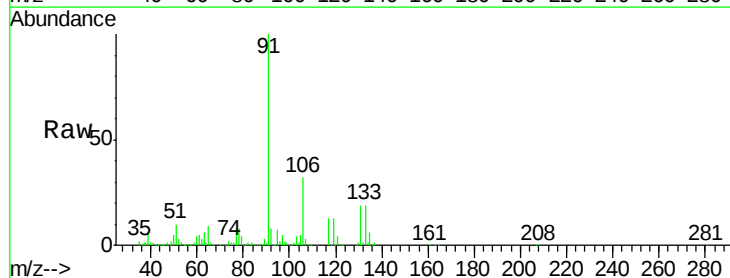
Tgt Ion:131 Resp: 125695

Ion Ratio Lower Upper

131 100

133 95.7 47.4 142.2

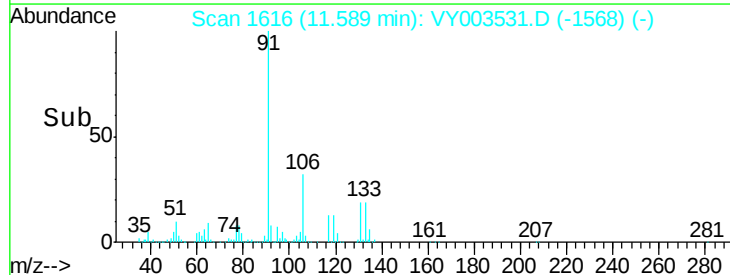
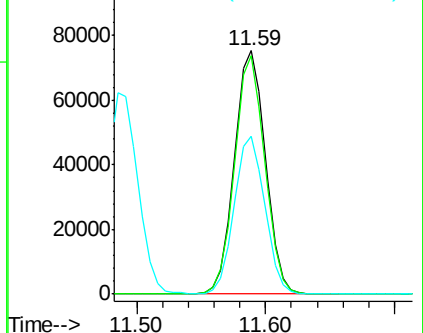
119 64.5 31.6 95.0

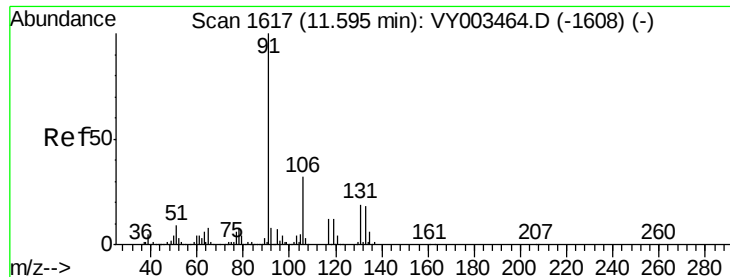


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 52.494 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 603539

Ion Ratio Lower Upper

91 100

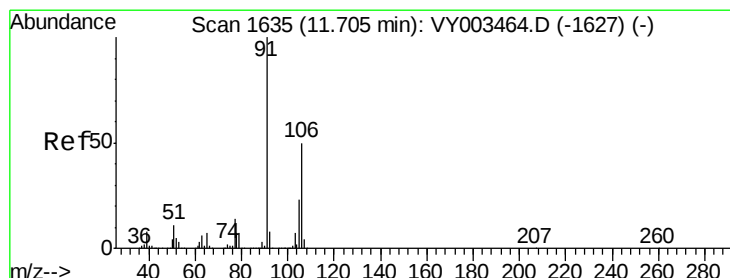
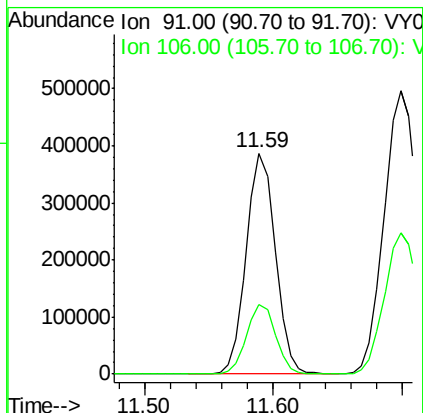
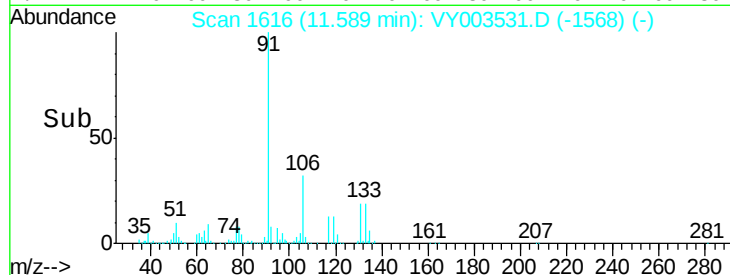
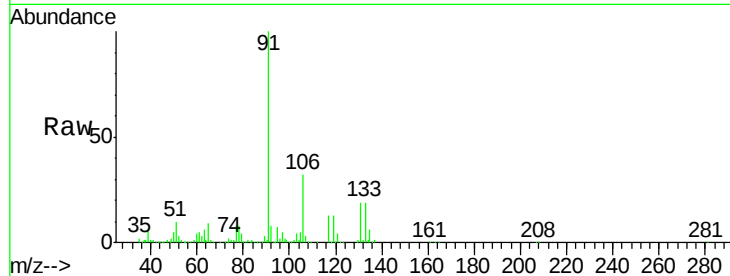
106 31.7 25.4 38.0

Manual Integrations

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SAM

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#68

m/p-Xylenes

Concen: 105.045 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.01 min

Lab File: VY003531.D

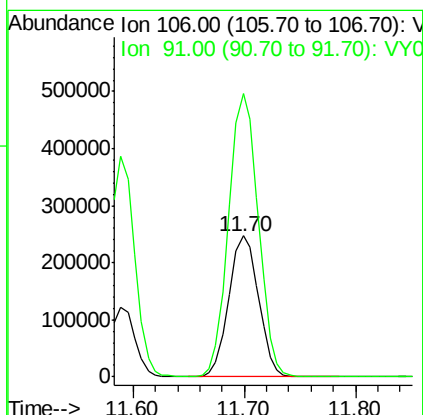
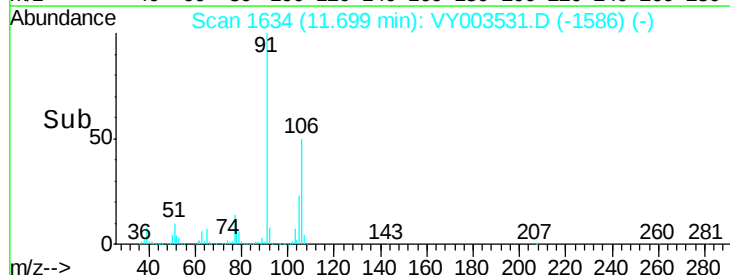
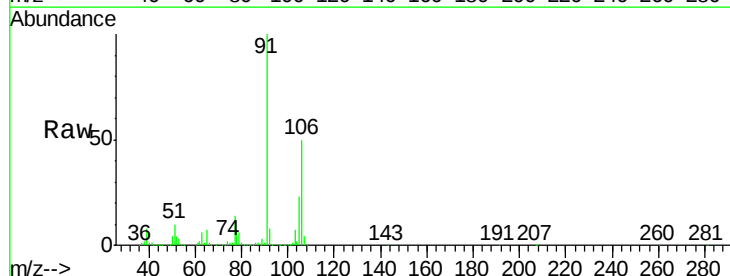
Acq: 12 Nov 2020 16:23

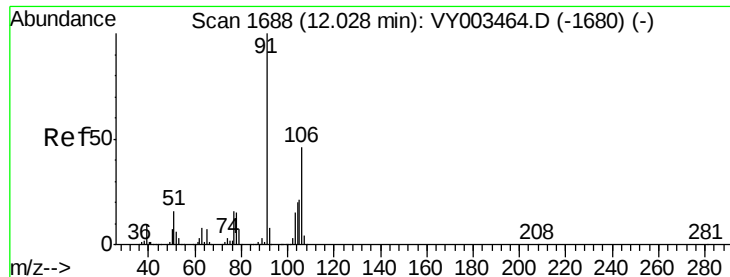
Tgt Ion: 106 Resp: 457673

Ion Ratio Lower Upper

106 100

91 200.5 161.0 241.6





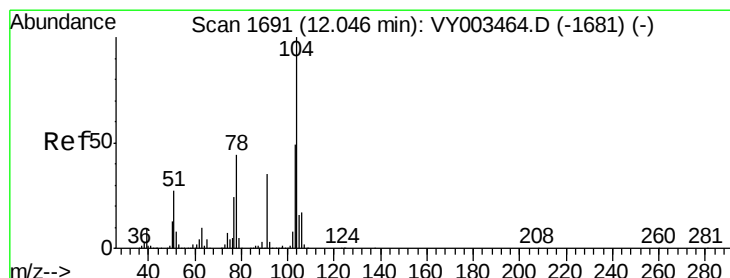
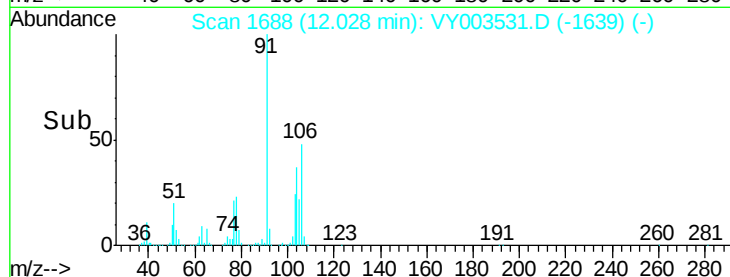
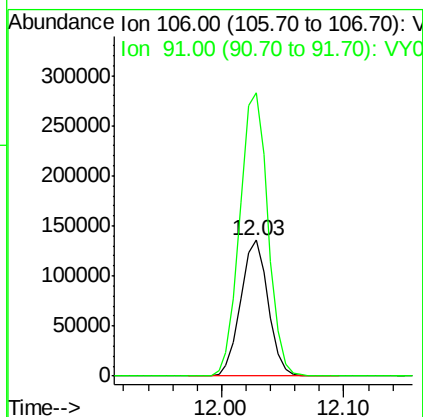
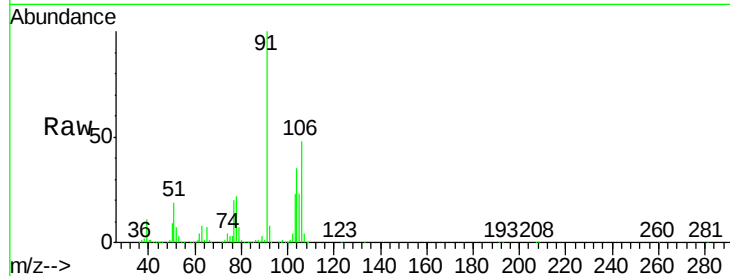
#69
o-Xylene
Concen: 52.920 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	212.8	105.5	316.5	

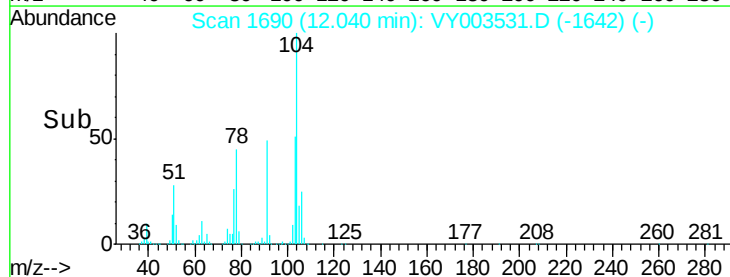
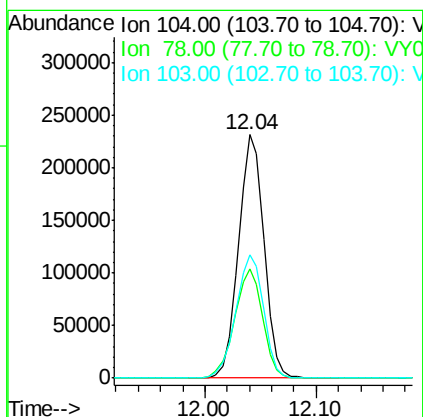
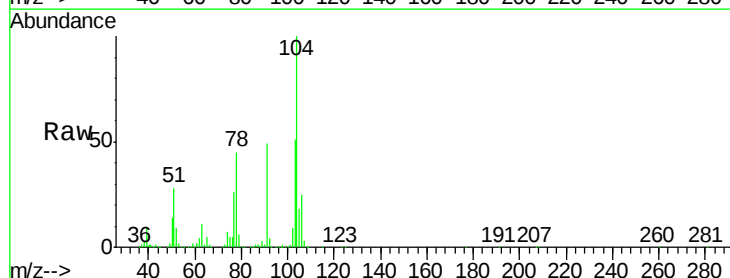
Manual Integrations
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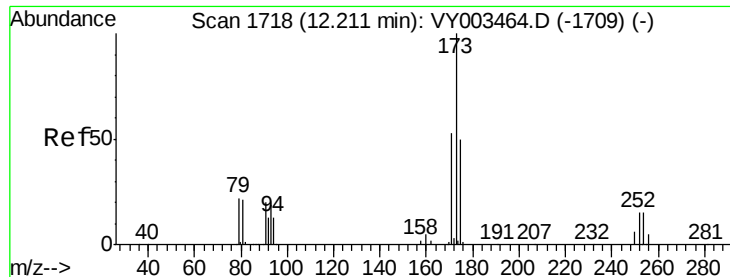
SAM
11/13/2020 6:14:11 PM



#70
Styrene
Concen: 53.644 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.0	39.5	59.3	
103	55.2	44.2	66.2	





#71

Bromoform

Concen: 48.159 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 76757

Ion Ratio Lower Upper

173 100

175 49.4 24.7 74.1

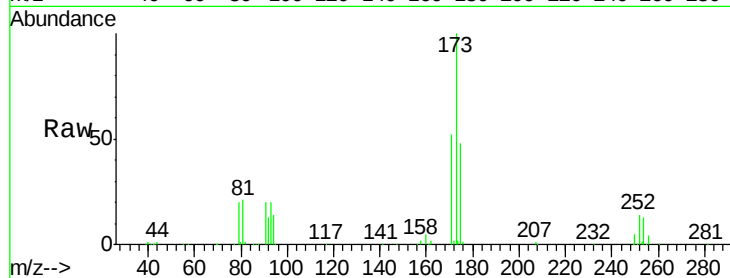
254 0.2 0.2 0.2

Manual Integrations

APPROVED

SAM

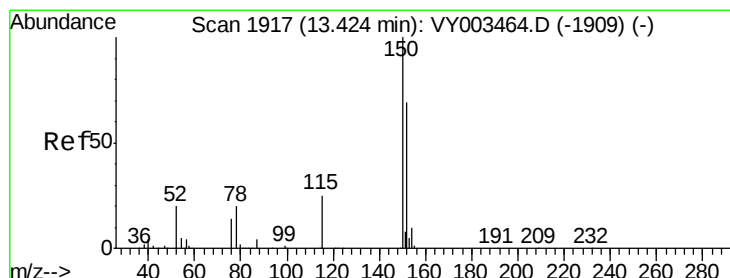
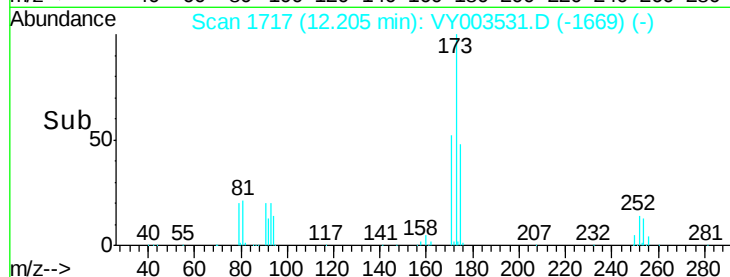
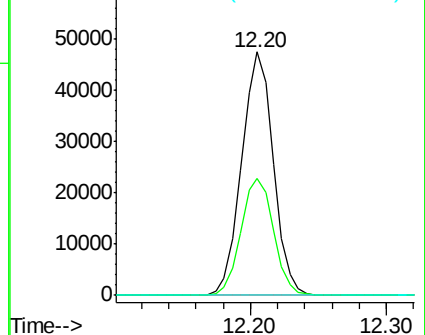
11/13/2020 6:14:11 PM



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: VY003531.D

Acq: 12 Nov 2020 16:23

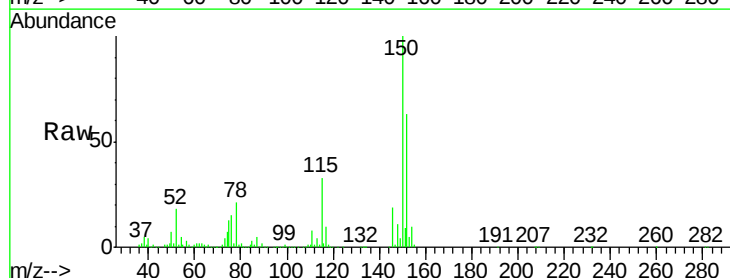
Tgt Ion:152 Resp: 176422

Ion Ratio Lower Upper

152 100

115 54.0 27.5 82.4

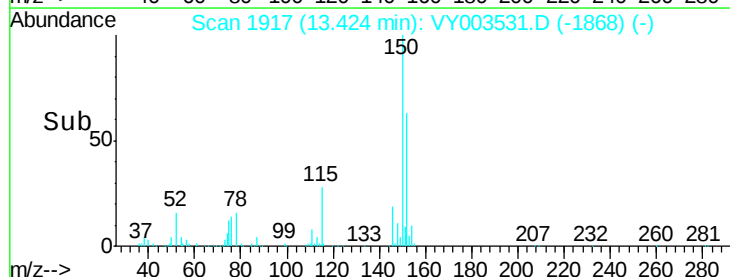
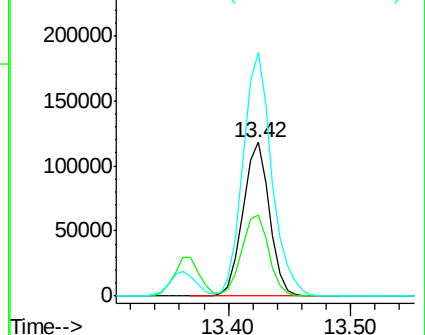
150 172.7 0.0 345.8

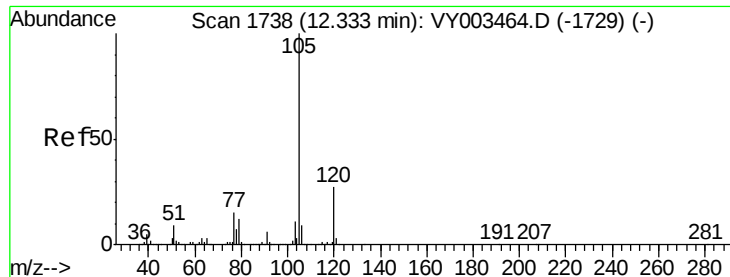


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





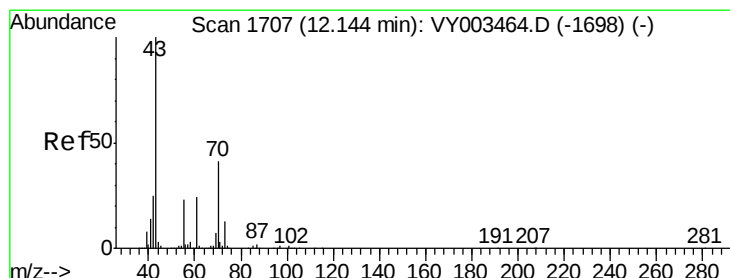
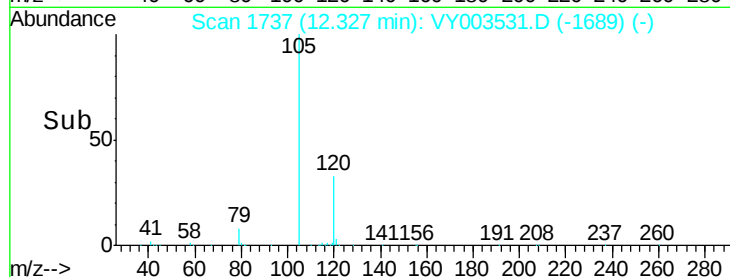
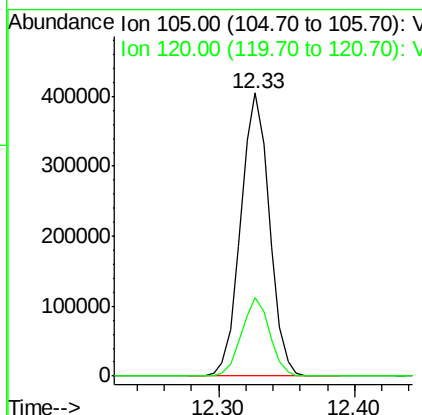
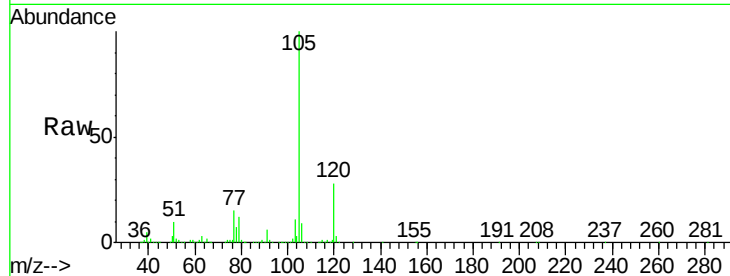
#73
Isopropylbenzene
Concen: 51.789 ug/l
RT: 12.33 min Scan# 1737
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.1	13.5	40.5

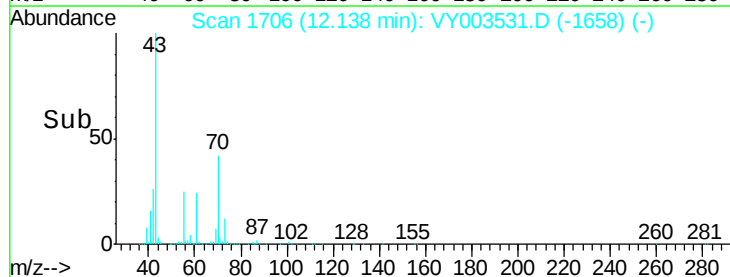
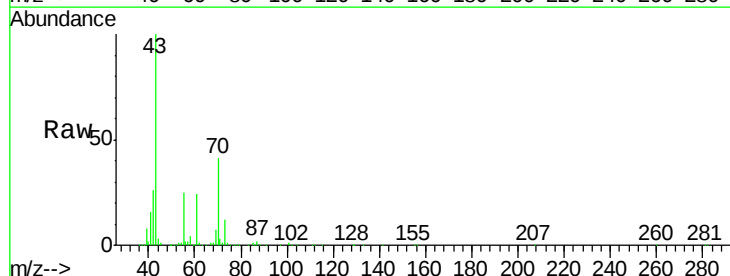
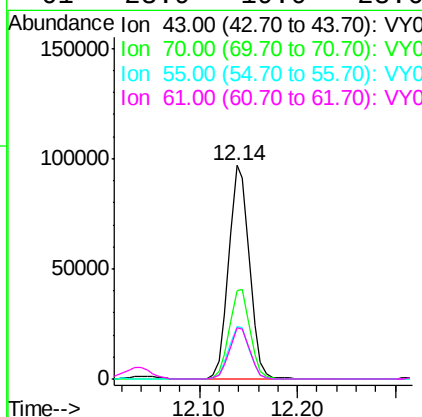
Manual Integrations
APPROVED

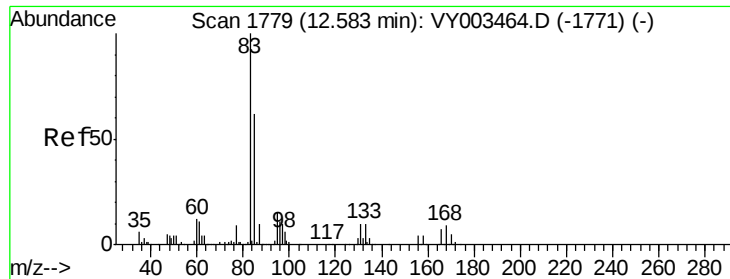
SAM
11/13/2020 6:14:11 PM



#74
N-ethyl acetate
Concen: 43.563 ug/l
RT: 12.14 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.1	33.1	49.7
55	24.9	19.2	28.8
61	23.9	19.0	28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 43.179 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

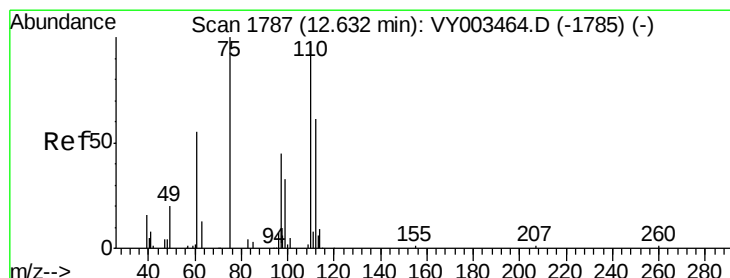
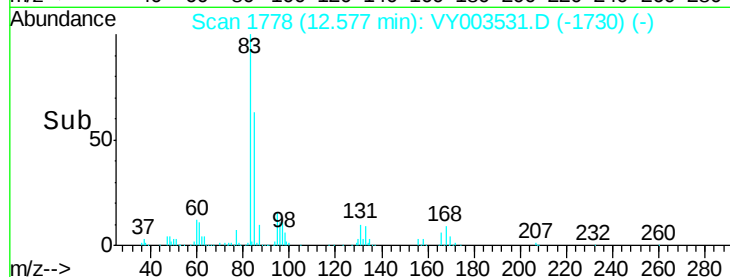
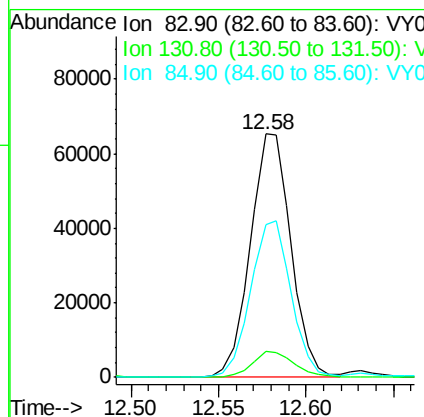
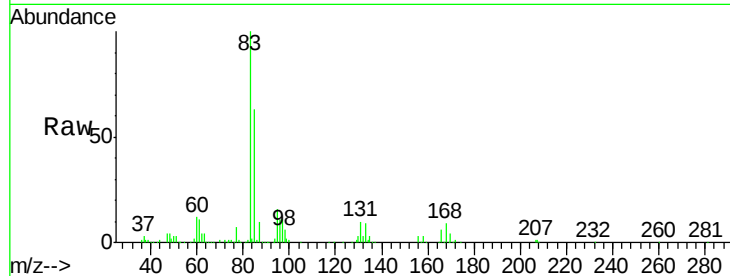
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	106289
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.4	16.2
85	63.9	32.0	96.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 45.119 ug/l m

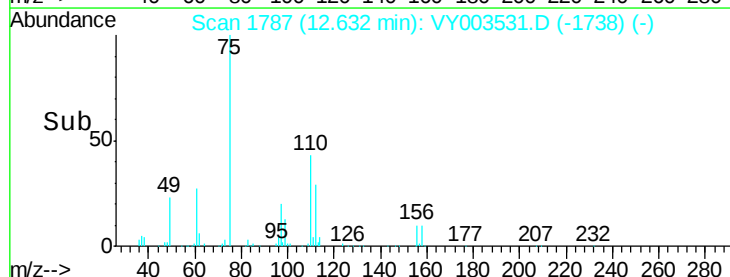
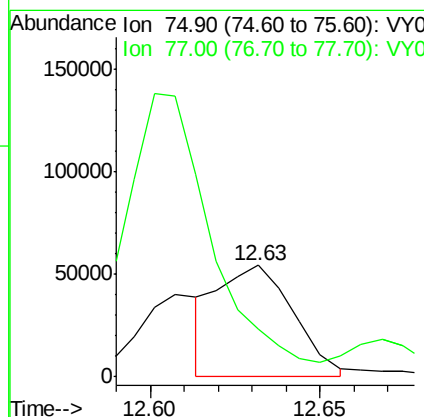
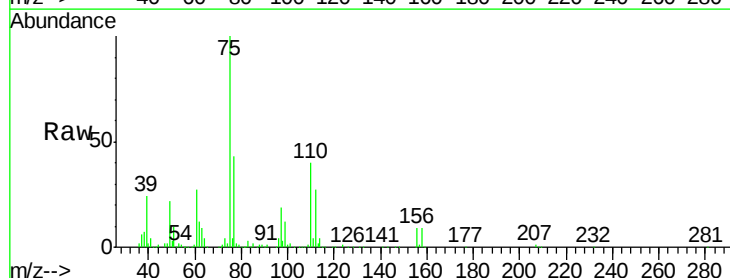
RT: 12.63 min Scan# 1787

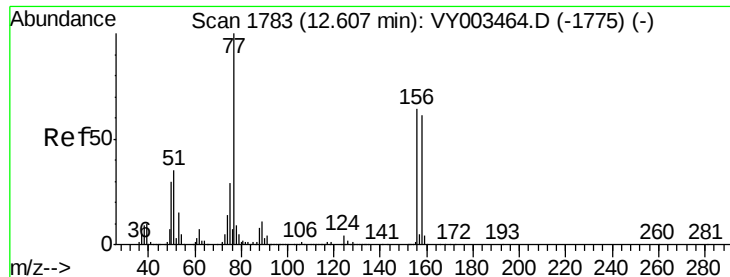
Delta R.T. 0.00 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Tgt Ion:	75	Resp:	84223
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





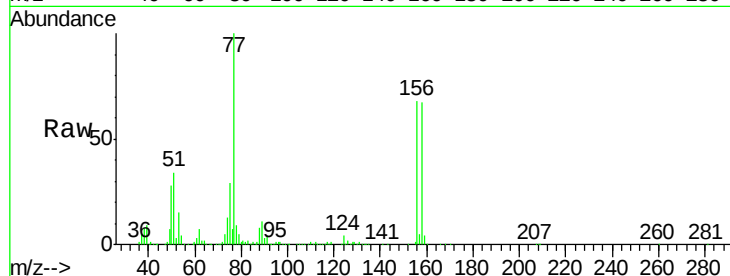
#77
Bromobenzene
Concen: 50.226 ug/l
RT: 12.61 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

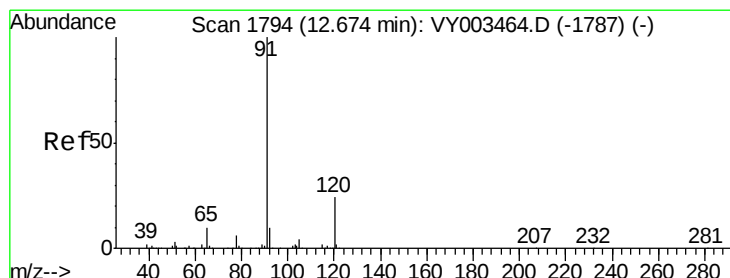
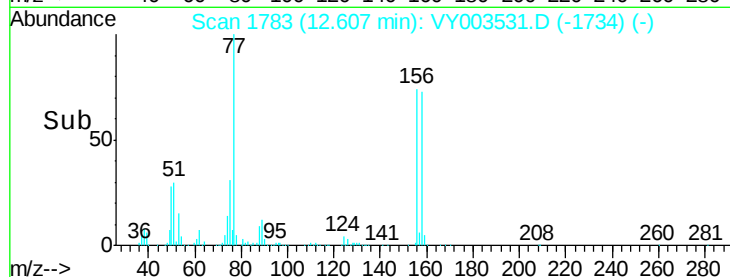
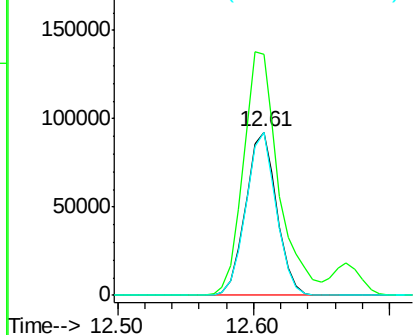
Tot Ion	Ratio	Lower	Upper
156	100		
77	170.5	87.0	260.9
158	97.7	48.7	146.1

Manual Integrations
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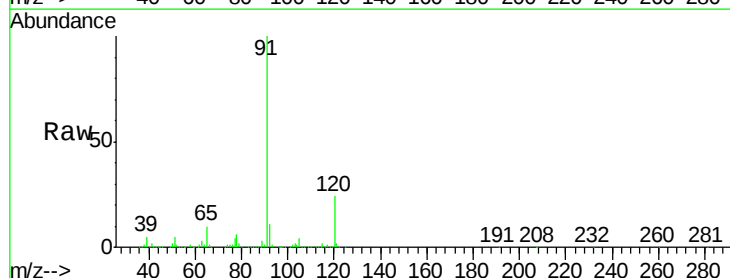


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V

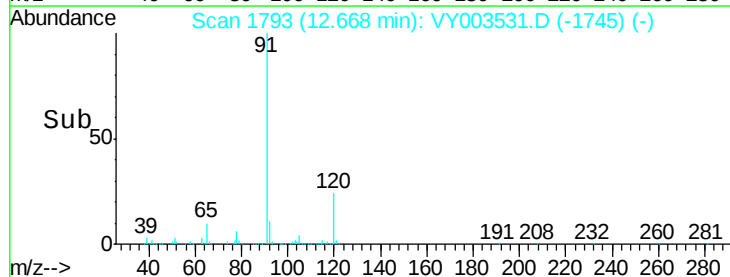
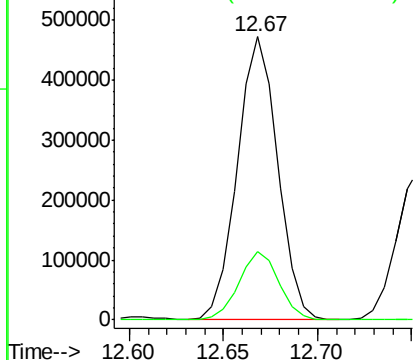


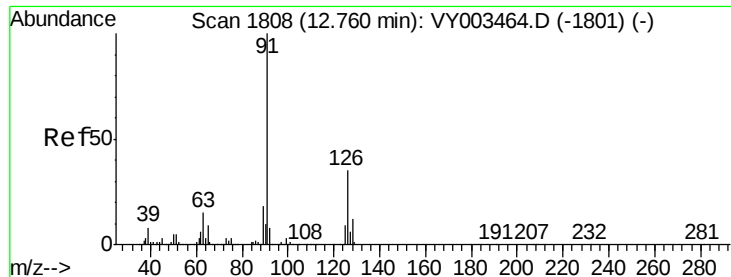
#78
n-propylbenzene
Concen: 51.498 ug/l
RT: 12.67 min Scan# 1793
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.0	11.7	35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 120.00 (119.70 to 120.70): V





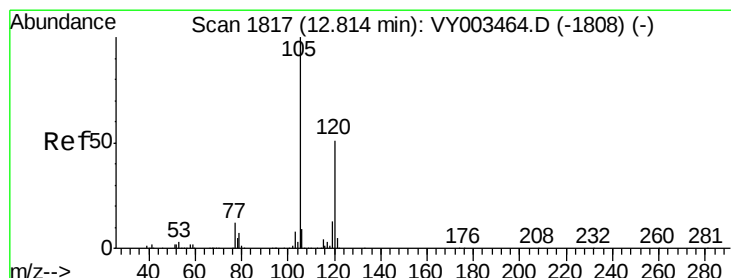
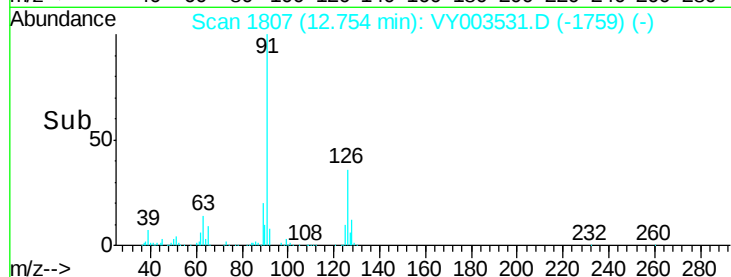
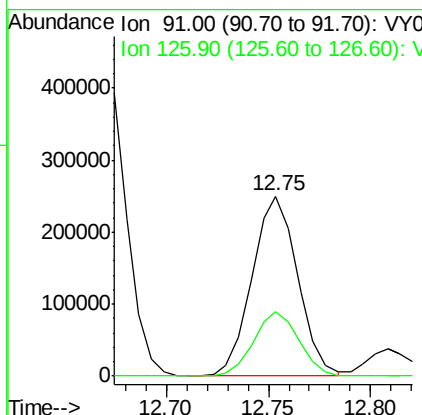
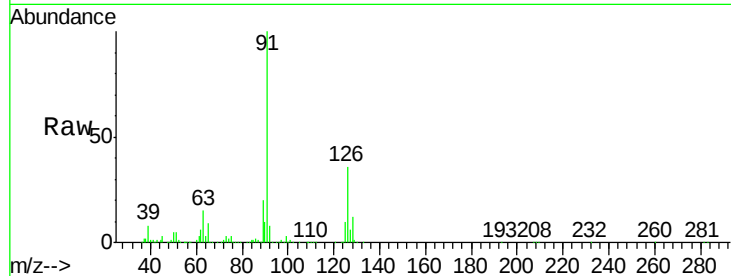
#79
2-Chlorotoluene
Concen: 51.150 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.6	17.8	53.3

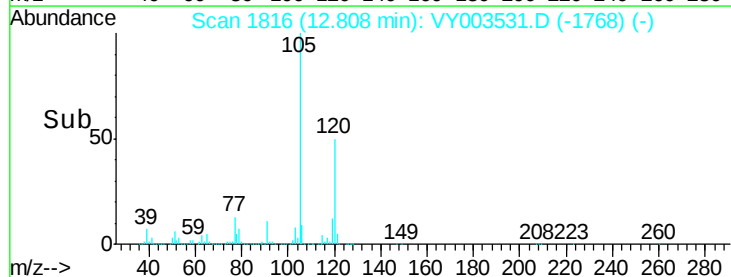
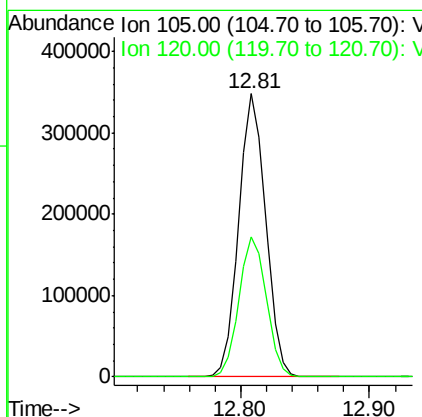
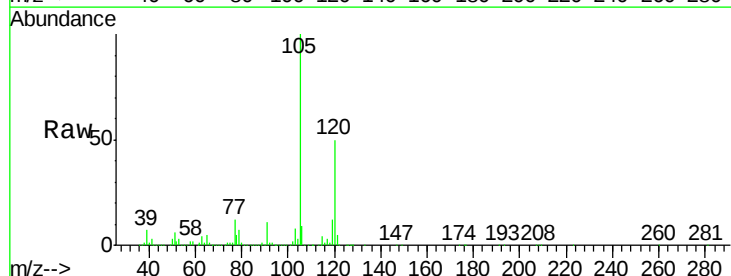
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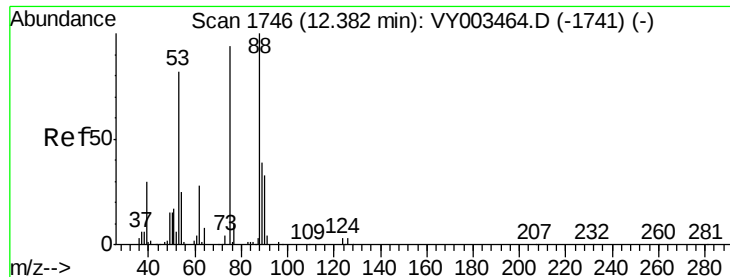
SAM
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#80
1,3,5-Trimethylbenzene
Concen: 52.831 ug/l
RT: 12.81 min Scan# 1816
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	50.1	25.3	75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 41.640 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 37241

Ion Ratio Lower Upper

75 100

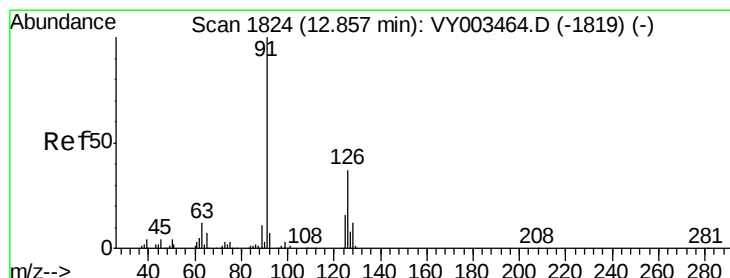
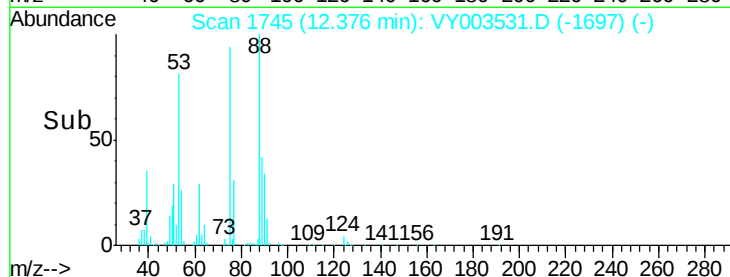
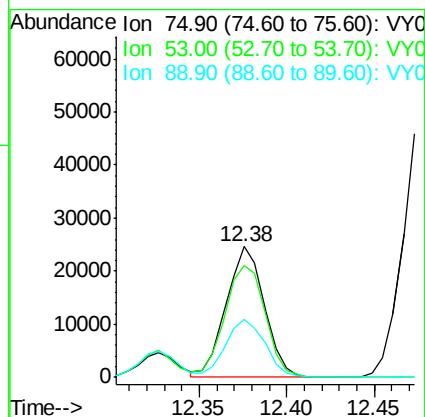
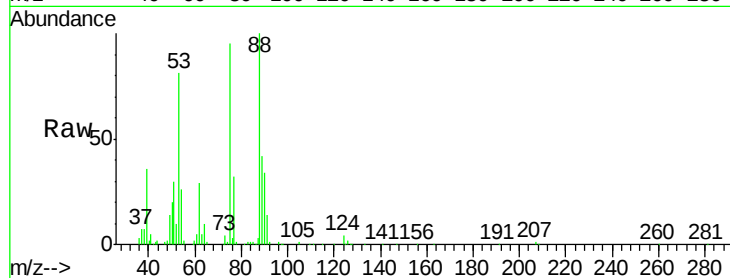
53 91.7 74.7 112.1

89 45.4 35.8 53.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.879 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. -0.01 min

Lab File: VY003531.D

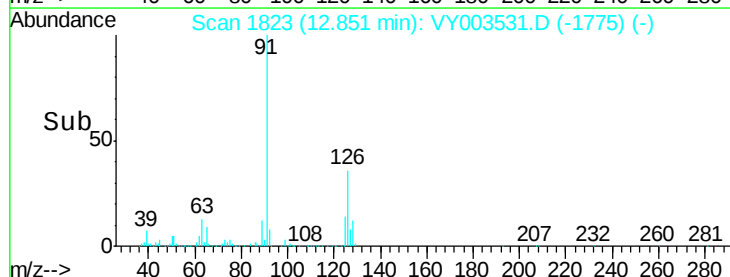
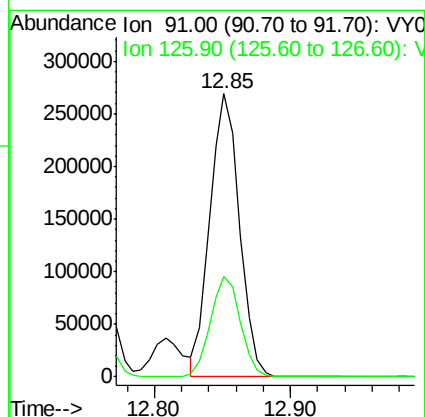
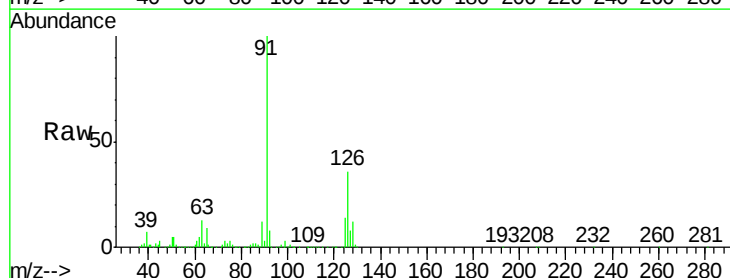
Acq: 12 Nov 2020 16:23

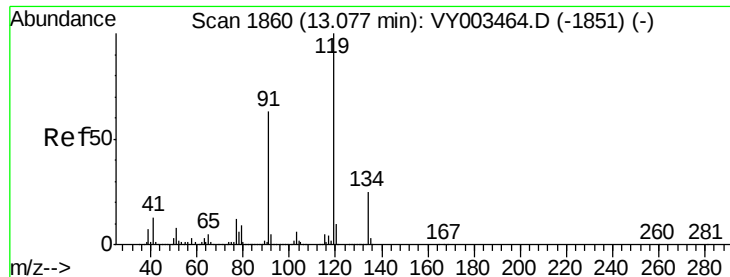
Tgt Ion: 91 Resp: 403242

Ion Ratio Lower Upper

91 100

126 36.1 17.6 52.8





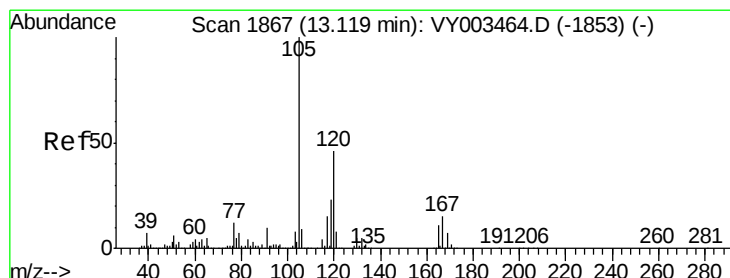
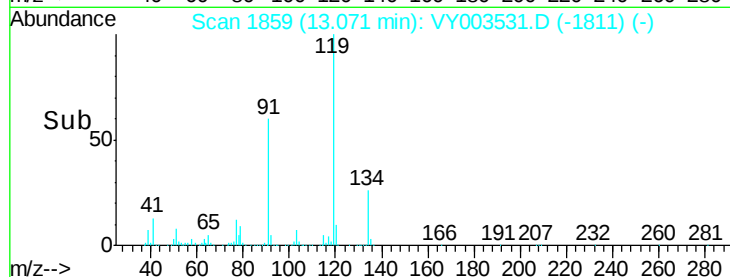
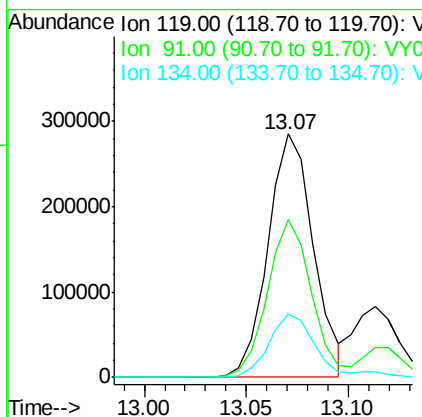
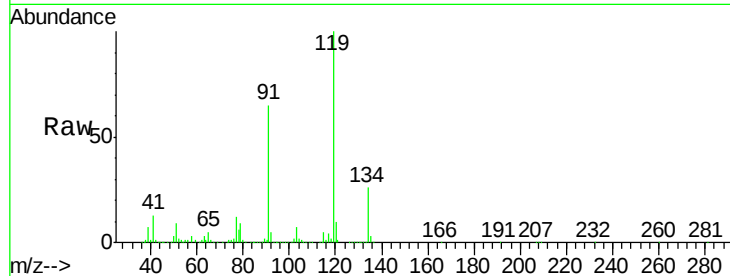
#83
tert-Butylbenzene
Concen: 52.235 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.4	31.1	93.2
134	27.6	13.4	40.1

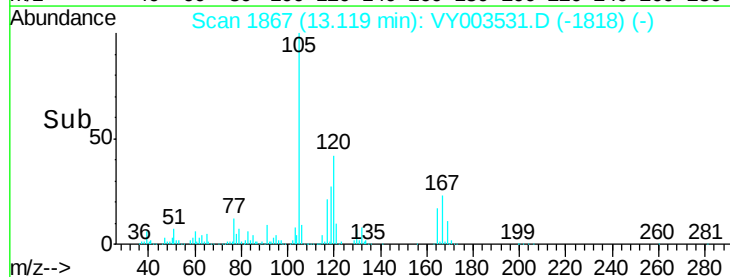
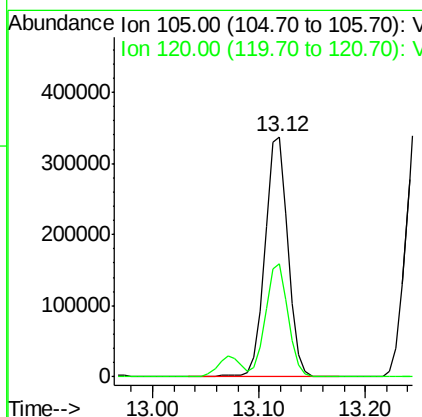
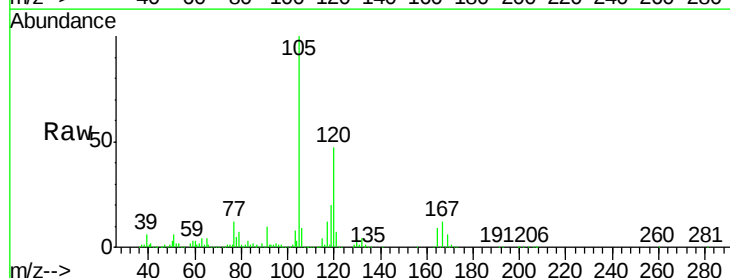
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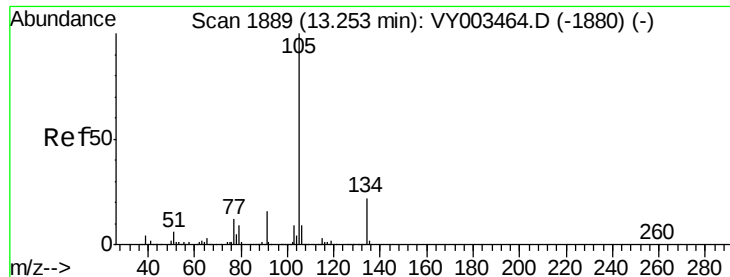
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#84
1,2,4-Trimethylbenzene
Concen: 53.125 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	22.9	68.8





#85

sec-Butylbenzene

Concen: 53.570 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 614265

Ion Ratio Lower Upper

105 100

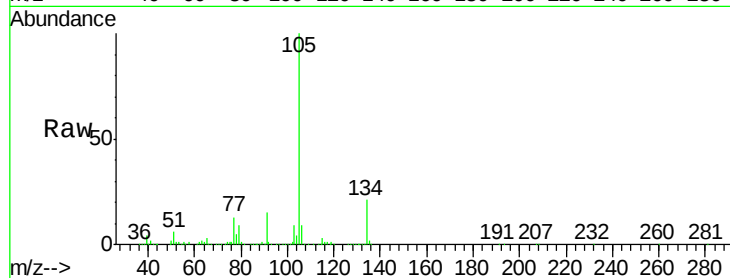
134 21.3 10.6 31.8

Manual Integrations

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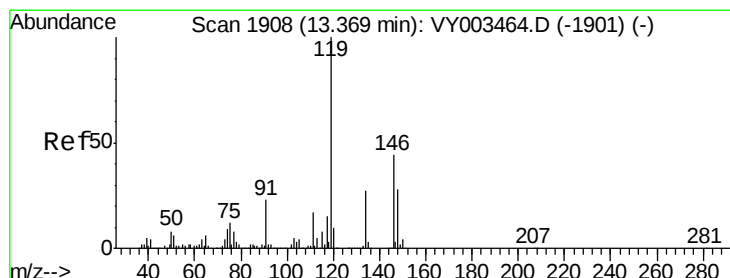
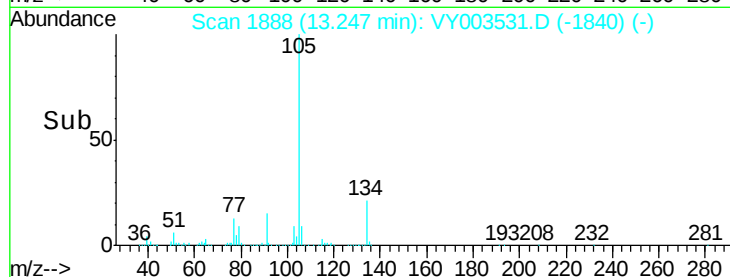
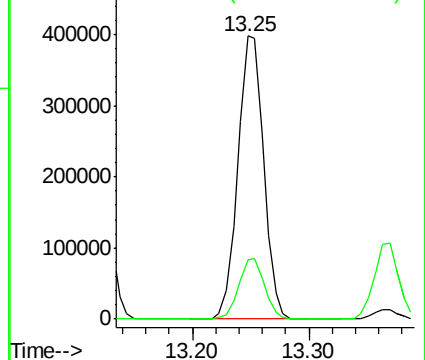
SAM

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.001 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

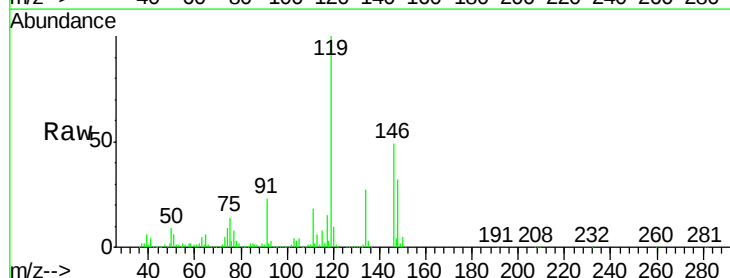
Tgt Ion:119 Resp: 574261

Ion Ratio Lower Upper

119 100

134 27.2 13.6 40.7

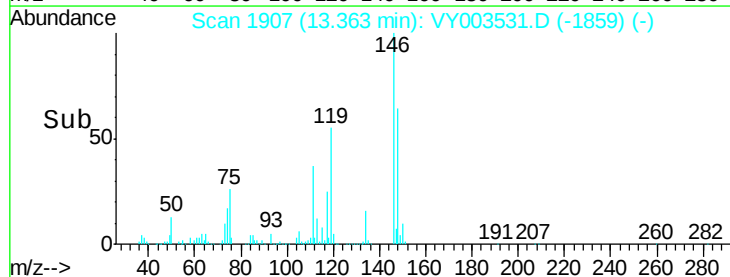
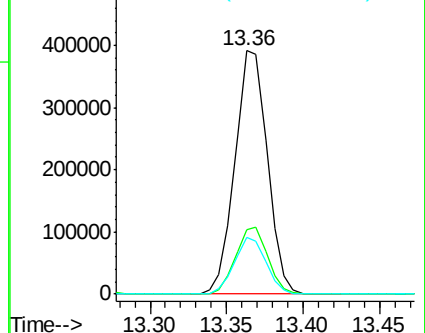
91 22.6 11.4 34.2

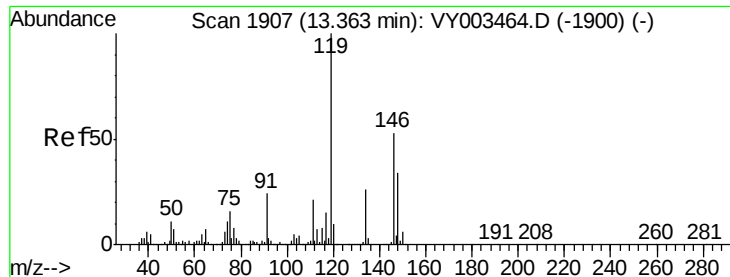


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





#87

1,3-Dichlorobenzene

Concen: 53.007 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

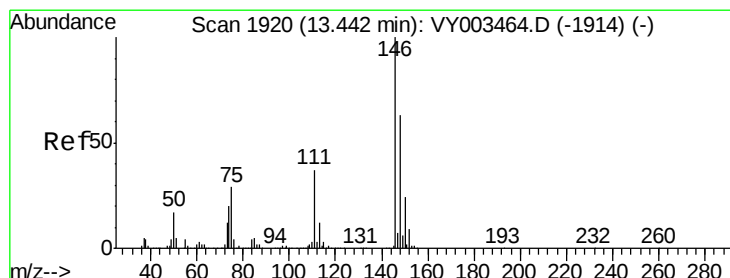
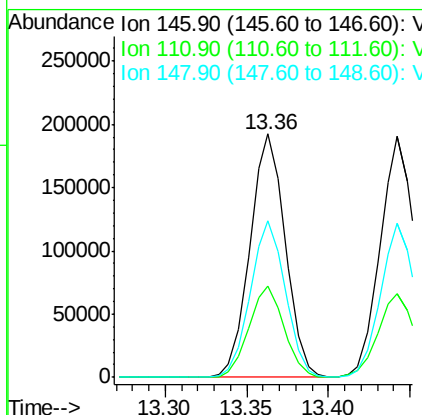
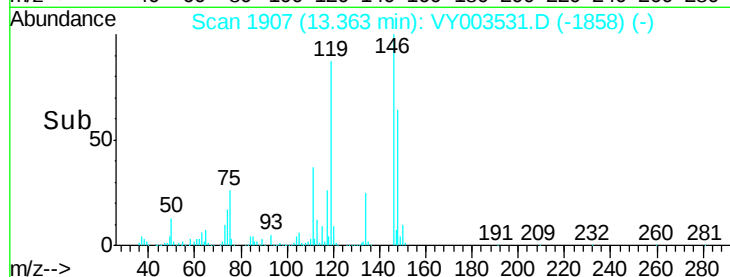
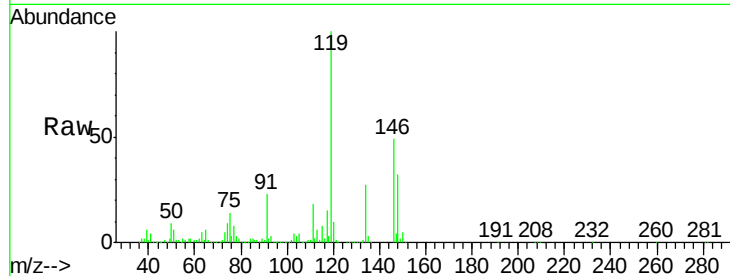
Instrument :
MSVOA_Y

ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	289131		
111	37.3	19.1	57.1	
148	63.8	32.4	97.0	

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 52.398 ug/l

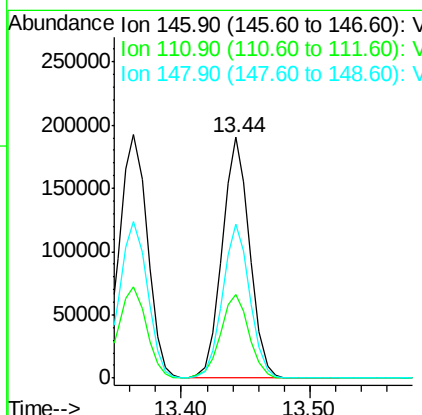
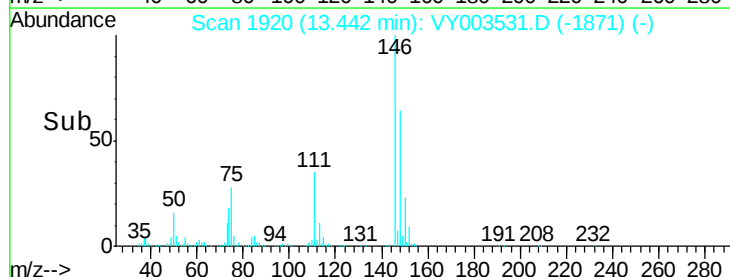
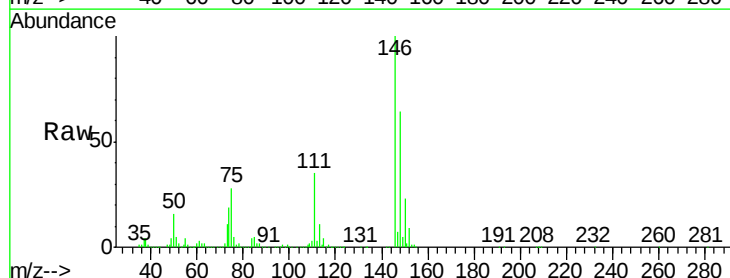
RT: 13.44 min Scan# 1920

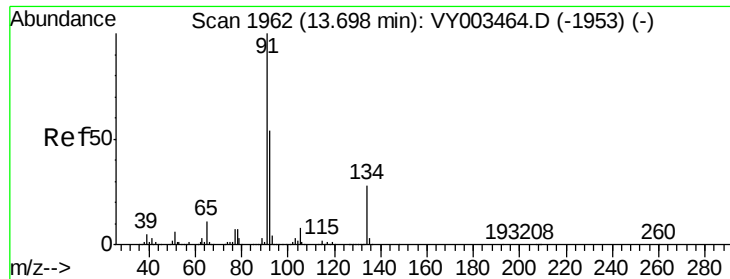
Delta R.T. 0.00 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	284203		
111	36.0	18.3	54.8	
148	63.7	32.0	96.0	





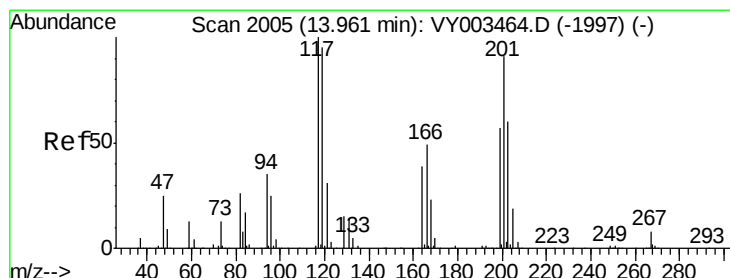
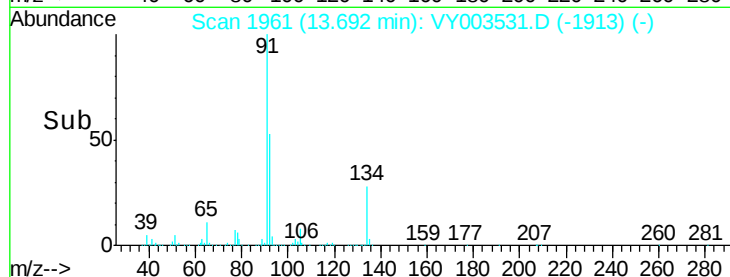
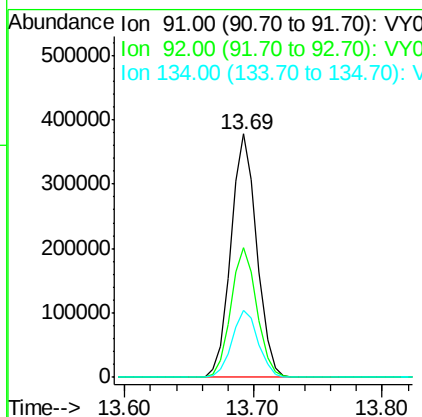
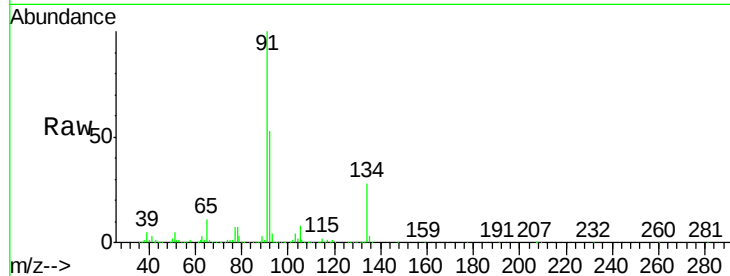
#89
n-Butylbenzene
Concen: 54.597 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.7	80.1
134	27.8	13.8	41.3

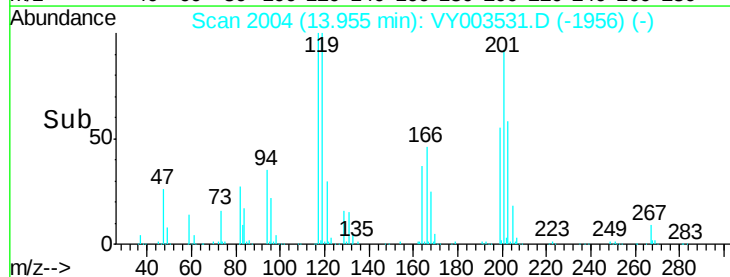
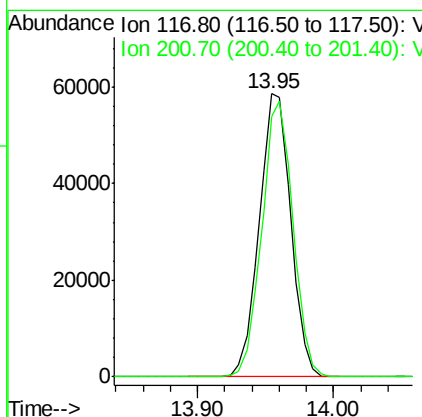
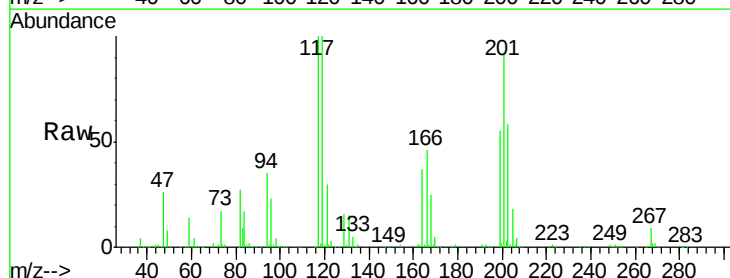
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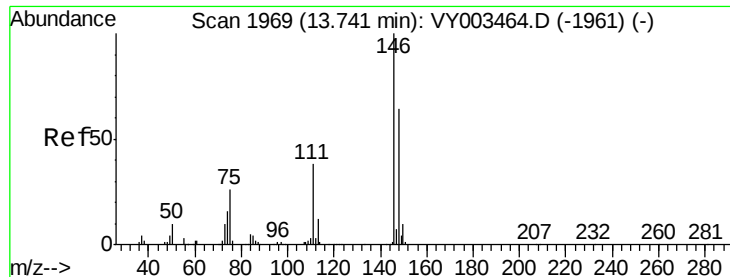
SAM
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#90
Hexachloroethane
Concen: 53.544 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.7	46.6	139.8





#91

1,2-Dichlorobenzene

Concen: 51.714 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Instrument :

MSVOA_Y

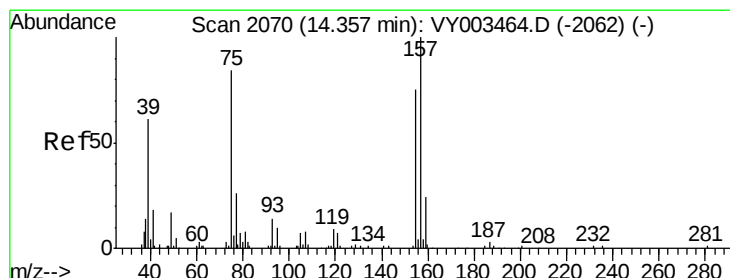
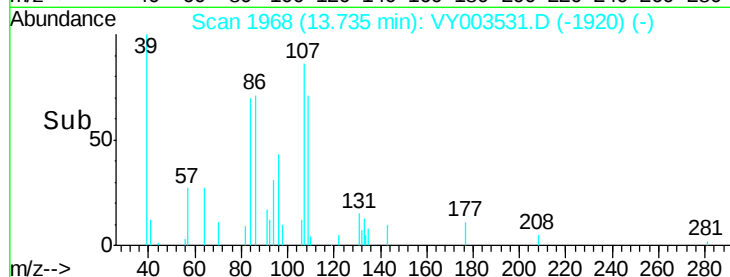
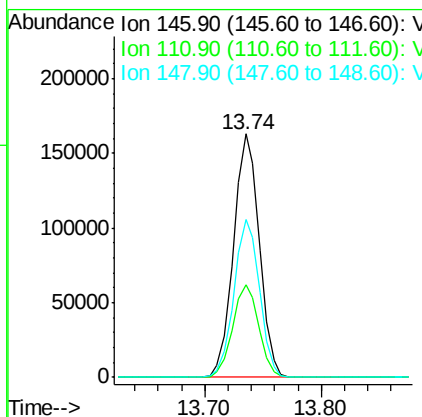
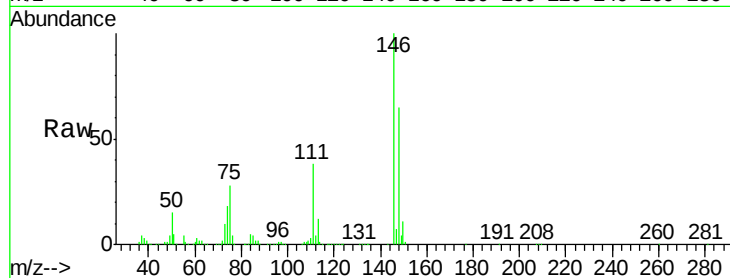
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	250582
Ion Ratio		Lower	Upper
146	100		
111	38.5	19.3	57.8
148	64.4	32.3	96.8

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#92

1,2-Dibromo-3-Chloropropane

Concen: 40.275 ug/l

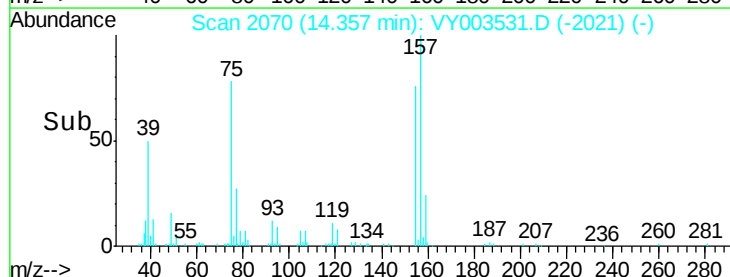
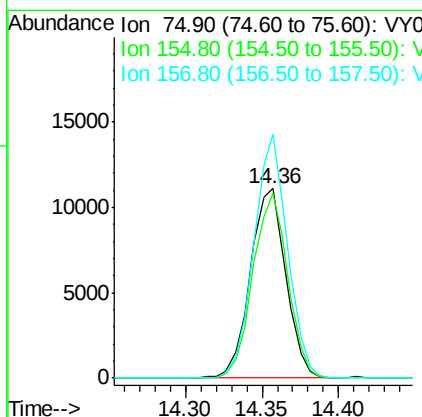
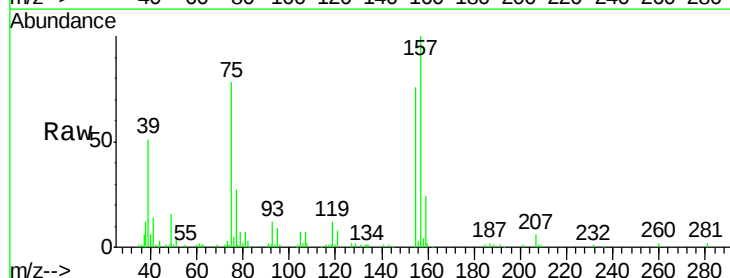
RT: 14.36 min Scan# 2070

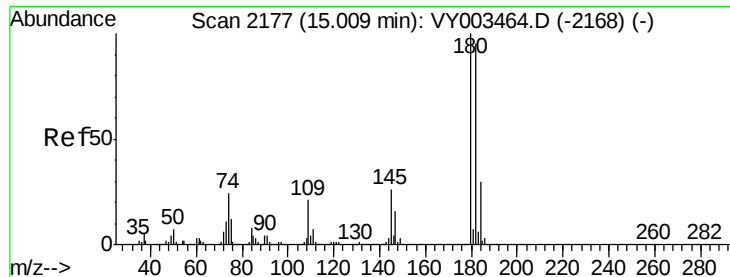
Delta R.T. 0.00 min

Lab File: VY003531.D

Acq: 12 Nov 2020 16:23

Tgt Ion:	75	Resp:	17947
Ion Ratio		Lower	Upper
75	100		
155	95.6	45.6	136.7
157	121.3	60.3	180.8





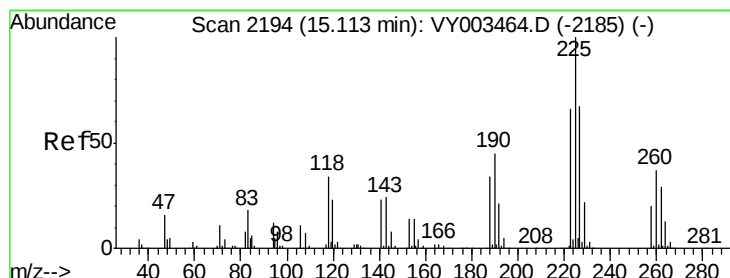
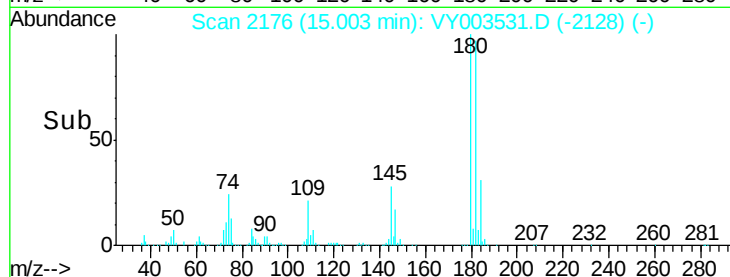
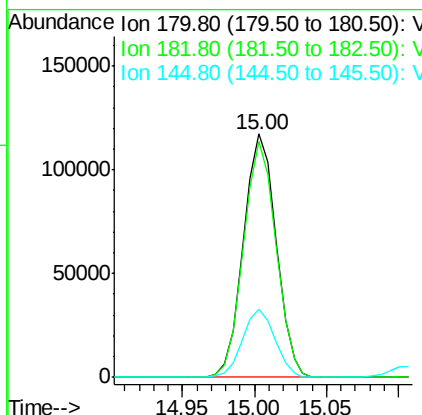
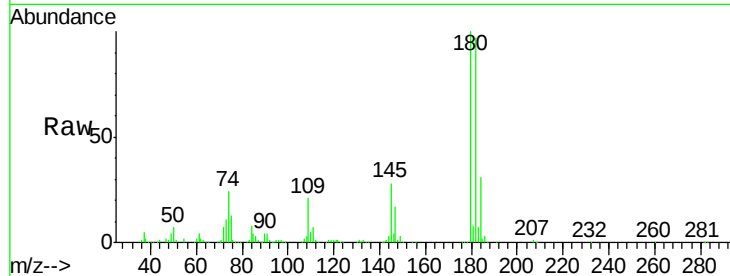
#93
 1,2,4-Trichlorobenzene
 Concen: 53.778 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003531.D
 Acq: 12 Nov 2020 16:23

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	184321		
182	96.2	48.1	144.3	
145	27.7	13.8	41.3	

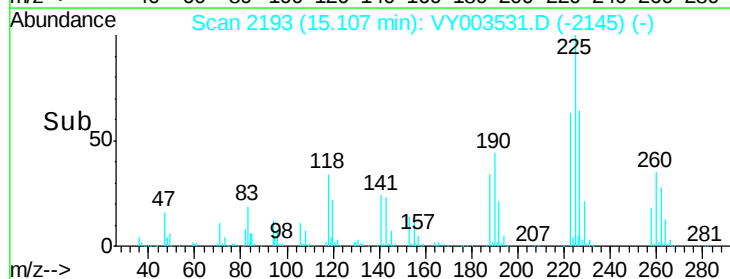
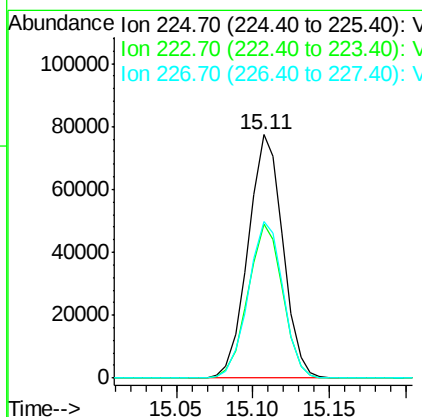
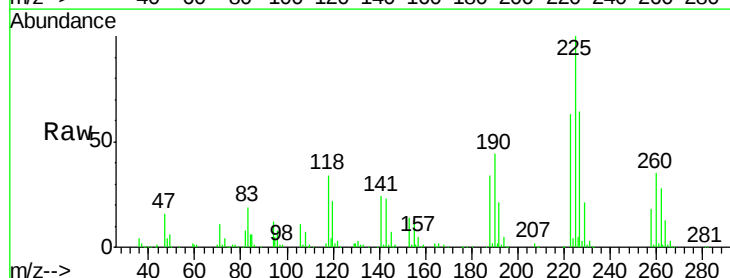
Manual Integrations
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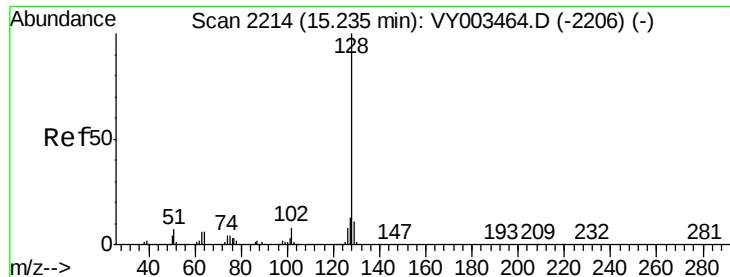
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#94
 Hexachlorobutadiene
 Concen: 55.377 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY003531.D
 Acq: 12 Nov 2020 16:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	122099		
223	63.2	32.1	96.3	
227	64.4	32.4	97.2	





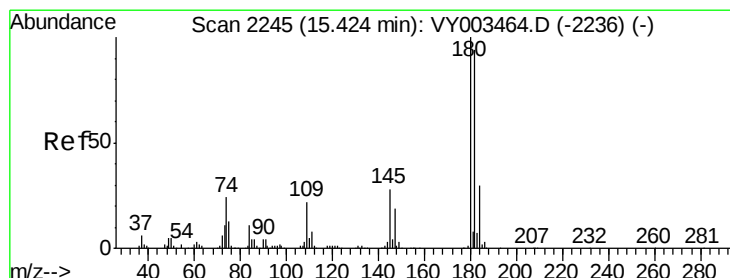
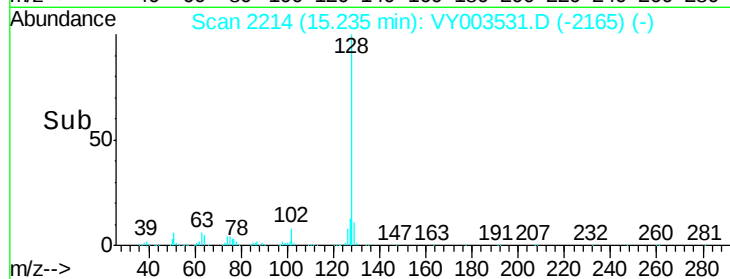
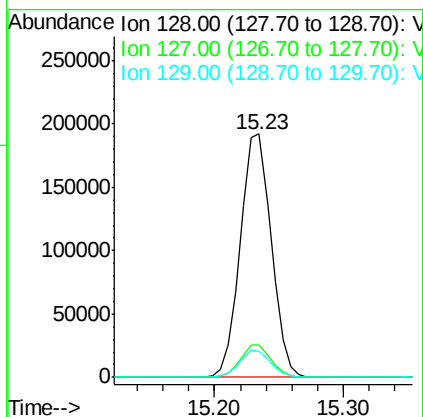
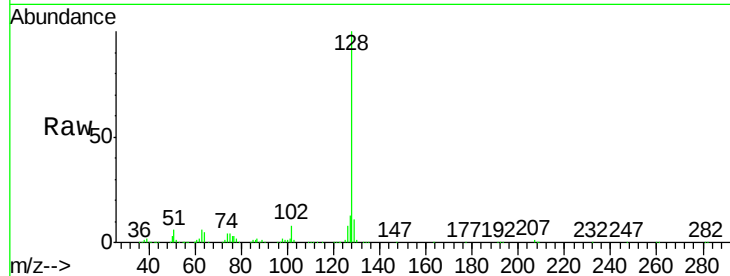
#95
Naphthalene
Concen: 46.474 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	11.1	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 51.942 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.01 min
Lab File: VY003531.D
Acq: 12 Nov 2020 16:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	46.9	140.7
145	29.0	14.4	43.2

