

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111220\
 Data File : VY003526.D
 Acq On : 12 Nov 2020 11:28
 Operator : SY/MD
 Sample : VY1112SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1112SBS01

Manual Integrations
 APPROVED

SAM
 11/13/2020 6:13:55 PM

Quant Time: Nov 13 02:15:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y110220S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 02 12:40:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	224396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	316108	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	287922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	155538	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	114514	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
35) Dibromofluoromethane	7.72	113	99017	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
50) Toluene-d8	10.18	98	398288	49.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.54%	
62) 4-Bromofluorobenzene	12.48	95	134791	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	39668	22.342	ug/l	100
3) Chloromethane	2.12	50	52564	22.489	ug/l	98
4) Vinyl Chloride	2.26	62	60128	22.917	ug/l	98
5) Bromomethane	2.64	94	43124	19.673	ug/l	99
6) Chloroethane	2.79	64	35609	22.771	ug/l	100
7) Trichlorofluoromethane	3.13	101	72763	21.849	ug/l	99
8) Diethyl Ether	3.54	74	23105	22.624	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	41804	22.712	ug/l	99
10) Methyl Iodide	4.10	142	42353	24.958	ug/l	99
11) Tert butyl alcohol	4.94	59	65442	289.672	ug/l #	87
12) 1,1-Dichloroethene	3.87	96	40018	21.852	ug/l	98
13) Acrolein	3.74	56	17200	90.093	ug/l	97
14) Allyl chloride	4.49	41	72770	21.780	ug/l	99
15) Acrylonitrile	5.17	53	58110	106.598	ug/l	99
16) Acetone	3.96	43	73543	96.909	ug/l	99
17) Carbon Disulfide	4.20	76	121818	20.533	ug/l	97
18) Methyl Acetate	4.48	43	32450	22.627	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	104505	23.040	ug/l	99
20) Methylene Chloride	4.72	84	48159	22.534	ug/l	98
21) trans-1,2-Dichloroethene	5.22	96	46533	21.944	ug/l	99
22) Diisopropyl ether	6.13	45	135371	23.100	ug/l	96
23) Vinyl Acetate	6.07	43	483576	109.810	ug/l	98
24) 1,1-Dichloroethane	6.03	63	83829	22.511	ug/l	98
25) 2-Butanone	7.00	43	99294	104.614	ug/l	98
26) 2,2-Dichloropropane	6.99	77	78680	22.679	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	51222	22.292	ug/l	97
28) Bromochloromethane	7.34	49	37866	20.212	ug/l	97
29) Tetrahydrofuran	7.35	42	53270	107.407	ug/l	98
30) Chloroform	7.51	83	83749	22.897	ug/l	96
31) Cyclohexane	7.79	56	73068	21.191	ug/l	96
32) 1,1,1-Trichloroethane	7.71	97	77218	22.630	ug/l	99
36) 1,1-Dichloropropene	7.93	75	65890	22.108	ug/l	98
37) Ethyl Acetate	7.08	43	40480	21.873	ug/l	98
38) Carbon Tetrachloride	7.90	117	69516	22.483	ug/l	99

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SAM
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Quant Time: Nov 13 02:15:19 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)
39) Methylcyclohexane	9.18	83	73707	22.210	ug/l	95
40) Benzene	8.16	78	187073	22.555	ug/l	97
41) Methacrylonitrile	7.32	41	21153m	21.404	ug/l	
42) 1,2-Dichloroethane	8.24	62	58832	22.638	ug/l	99
43) Isopropyl Acetate	8.27	43	73832	22.198	ug/l	99
44) Trichloroethene	8.94	130	54126	23.246	ug/l	97
45) 1,2-Dichloropropane	9.22	63	48332	23.075	ug/l	100
46) Dibromomethane	9.31	93	26246	22.776	ug/l	98
47) Bromodichloromethane	9.50	83	66662	23.635	ug/l	100
48) Methyl methacrylate	9.29	41	34258	21.865	ug/l	96
49) 1,4-Dioxane	9.30	88	6595	458.671	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	198068	111.770	ug/l	99
52) Toluene	10.24	92	117855	22.718	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	68592	22.852	ug/l	97
54) cis-1,3-Dichloropropene	9.92	75	77913	23.067	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	37435	22.885	ug/l	98
56) Ethyl methacrylate	10.51	69	49450	22.569	ug/l	99
57) 1,3-Dichloropropane	10.79	76	64947	22.833	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	130079	117.110	ug/l	99
59) 2-Hexanone	10.83	43	142207	108.383	ug/l	100
60) Dibromochloromethane	10.99	129	47199	23.476	ug/l	100
61) 1,2-Dibromoethane	11.09	107	35411	22.423	ug/l	99
64) Tetrachloroethene	10.72	164	51405	23.907	ug/l	97
65) Chlorobenzene	11.52	112	127506	22.795	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	49415	23.425	ug/l	99
67) Ethyl Benzene	11.59	91	231927	22.866	ug/l	100
68) m/p-Xylenes	11.70	106	173292	45.085	ug/l	99
69) o-Xylene	12.03	106	79696	22.540	ug/l	97
70) Styrene	12.04	104	138539	23.077	ug/l	100
71) Bromoform	12.20	173	31939	22.715	ug/l	99
73) Isopropylbenzene	12.33	105	223835	22.030	ug/l	100
74) N-amyl acetate	12.14	43	63285	21.989	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	46487	21.421	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	37544m	22.813	ug/l	
77) Bromobenzene	12.61	156	58013	22.473	ug/l	99
78) n-propylbenzene	12.67	91	264311	22.085	ug/l	99
79) 2-Chlorotoluene	12.75	91	148233	22.170	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	189890	22.557	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	16504	20.931	ug/l	98
82) 4-Chlorotoluene	12.85	91	157601	22.555	ug/l	100
83) tert-Butylbenzene	13.07	119	165533	22.171	ug/l	97
84) 1,2,4-Trimethylbenzene	13.12	105	190016	22.585	ug/l	99
85) sec-Butylbenzene	13.25	105	226652	22.420	ug/l	99
86) p-Isopropyltoluene	13.36	119	210210	22.421	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	110098	22.895	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	108348	22.658	ug/l	98
89) n-Butylbenzene	13.69	91	192605	22.492	ug/l	99
90) Hexachloroethane	13.95	117	35446	22.464	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	97317	22.780	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	8409	21.405	ug/l	98

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MSVOA_Y
ClientSampleId :
VY1112SBSD01

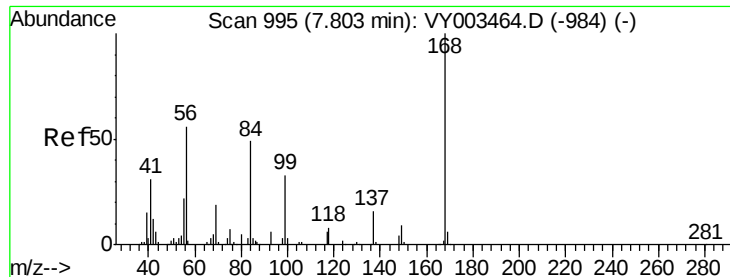
Manual Integrations
APPROVED

SAM
11/13/2020 6:13:55 PM

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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)
93) 1,2,4-Trichlorobenzene	15.00	180	72011	23.831	ug/l	99
94) Hexachlorobutadiene	15.11	225	46153	23.743	ug/l	98
95) Naphthalene	15.23	128	134730	22.266	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	62912	23.145	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

Tot Ion:168 Resp: 224396

Ion Ratio Lower Upper

168 100

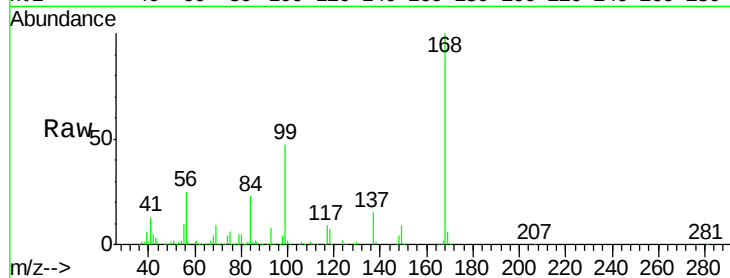
99 46.5 39.7 59.5

Manual Integrations

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

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

7.80

100000

80000

60000

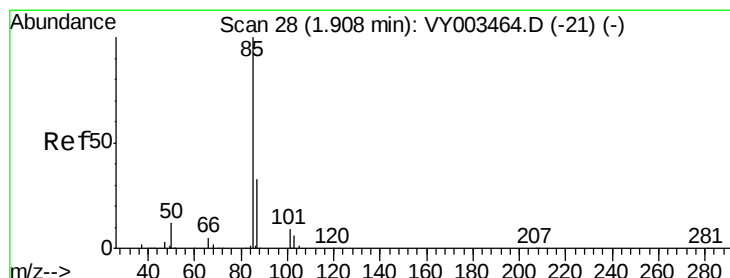
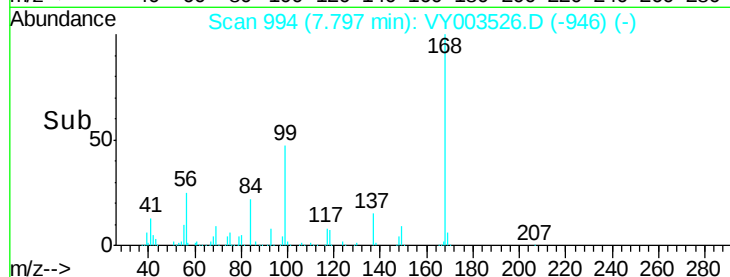
40000

20000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 22.342 ug/l

RT: 1.90 min Scan# 27

Delta R.T. -0.01 min

Lab File: VY003526.D

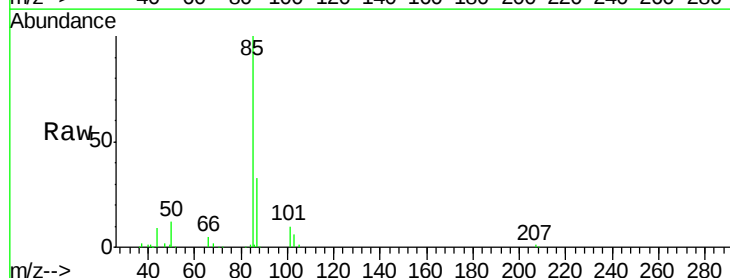
Acq: 12 Nov 2020 11:28

Tgt Ion: 85 Resp: 39668

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.4



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

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

1.90

30000

25000

20000

15000

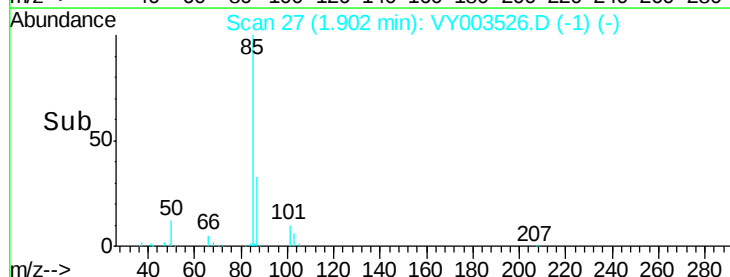
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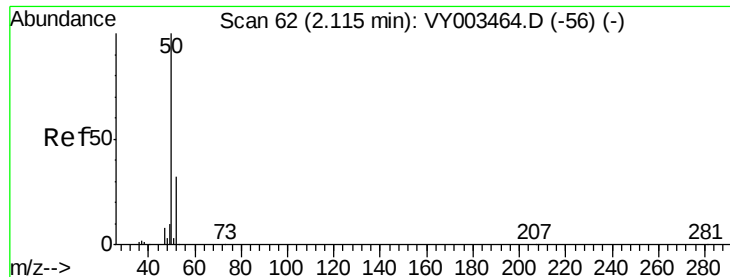
5000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 22.489 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

Tot Ion: 50 Resp: 52564

Ion Ratio Lower Upper

50 100

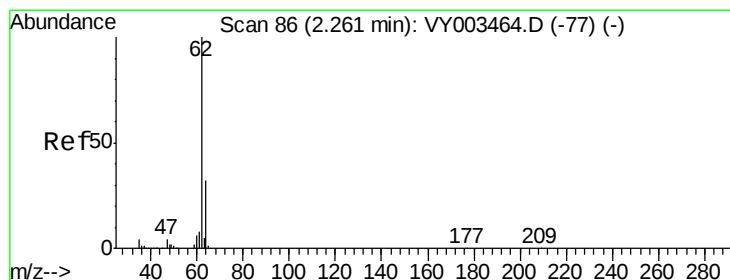
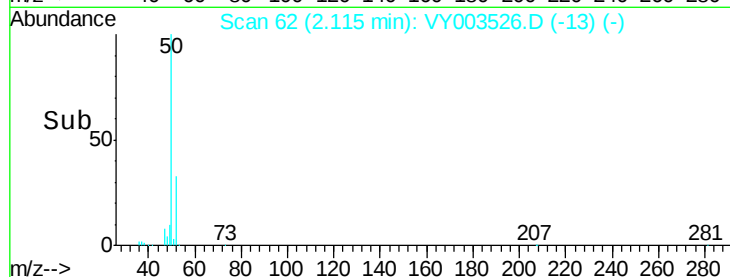
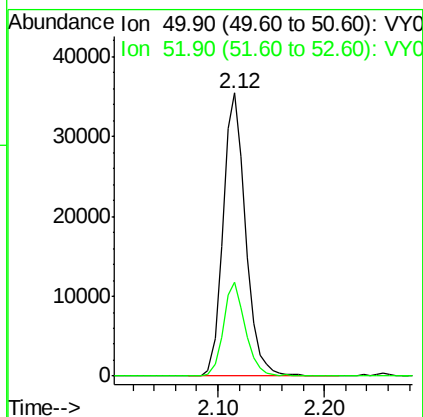
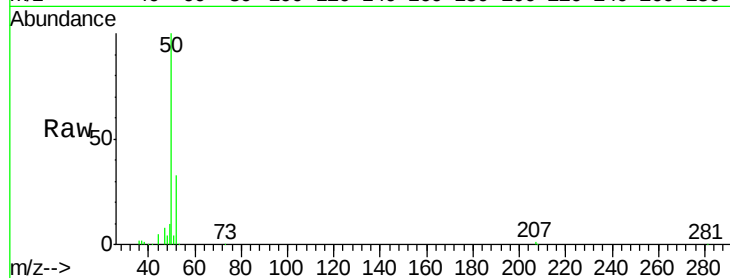
52 33.0 25.6 38.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 22.917 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.01 min

Lab File: VY003526.D

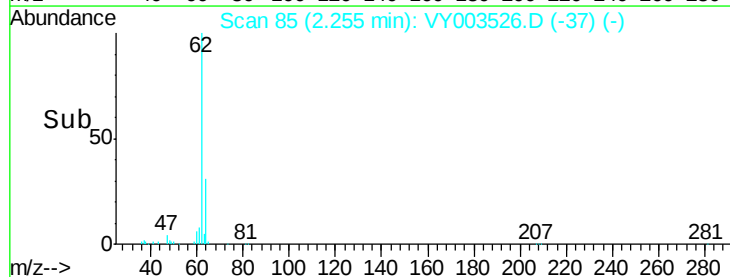
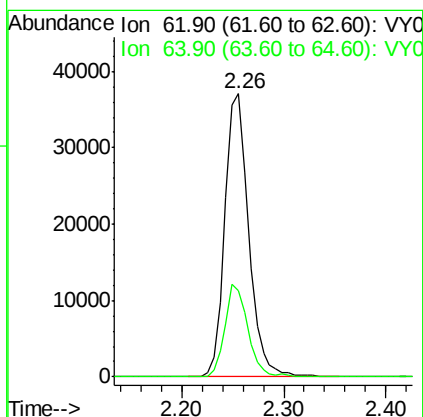
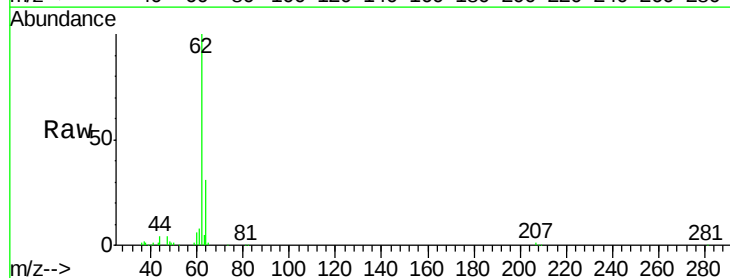
Acq: 12 Nov 2020 11:28

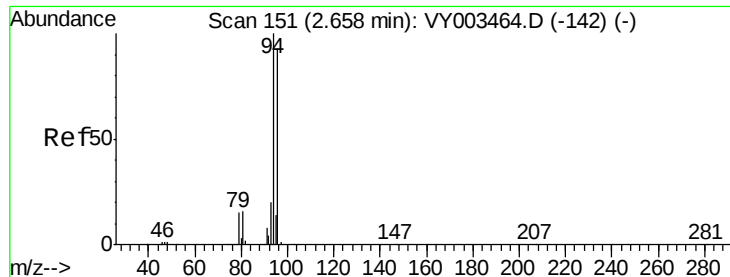
Tgt Ion: 62 Resp: 60128

Ion Ratio Lower Upper

62 100

64 30.7 25.5 38.3





#5

Bromomethane

Concen: 19.673 ug/l

RT: 2.64 min Scan# 148

Delta R.T. -0.02 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

Tot Ion: 94 Resp: 43124

Ion Ratio Lower Upper

94 100

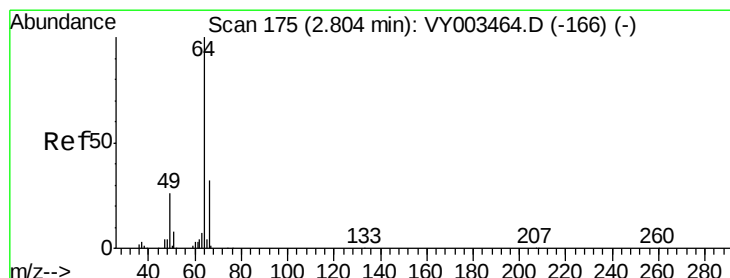
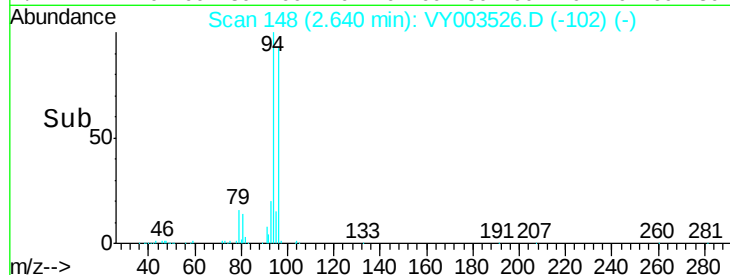
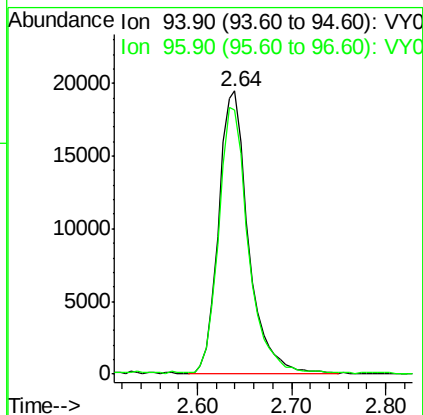
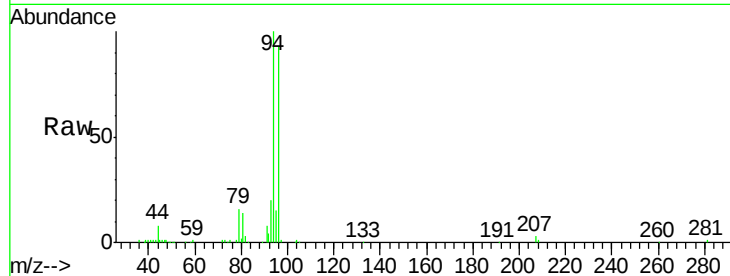
96 92.7 74.6 112.0

Manual Integrations

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11/13/2020 6:13:55 PM



#6

Chloroethane

Concen: 22.771 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003526.D

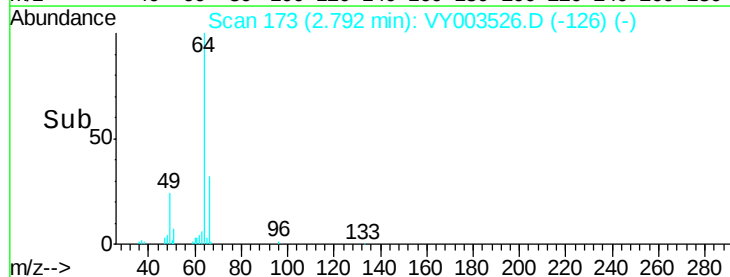
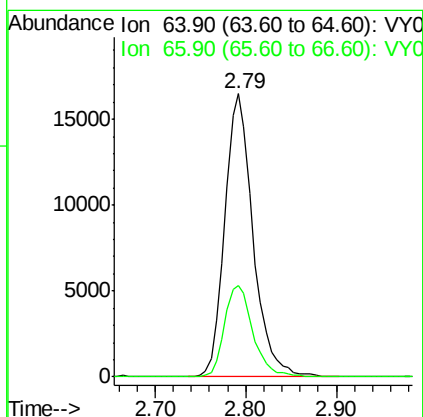
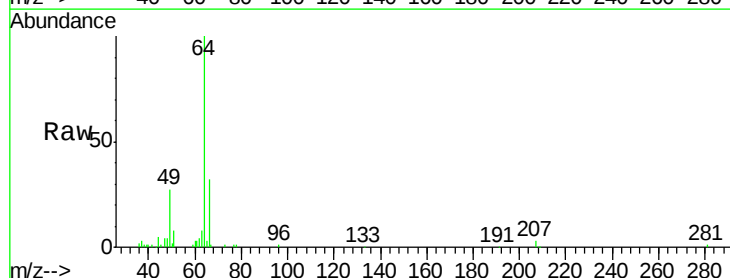
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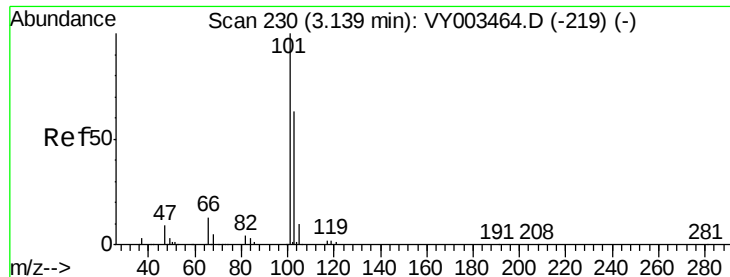
Tgt Ion: 64 Resp: 35609

Ion Ratio Lower Upper

64 100

66 32.2 25.6 38.4





#7

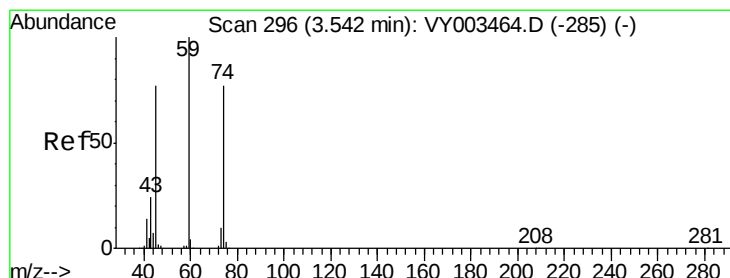
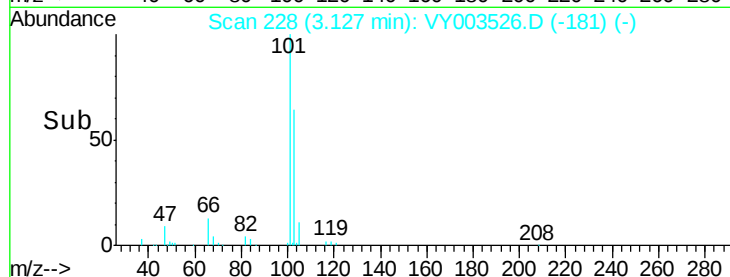
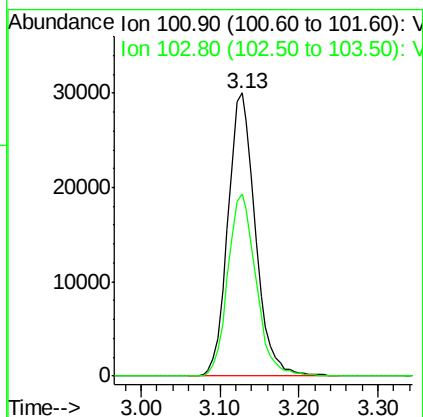
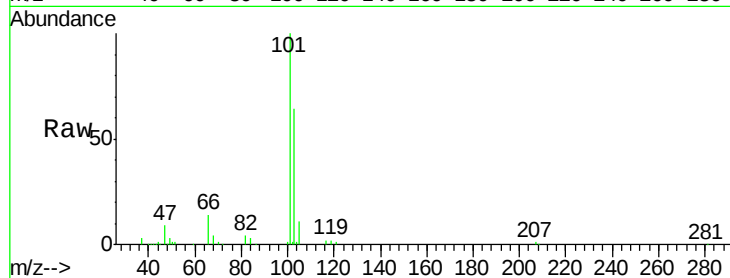
Trichlorofluoromethane
Concen: 21.849 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.2	50.7	76.1

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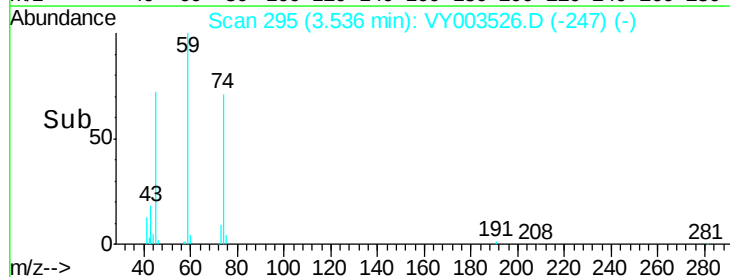
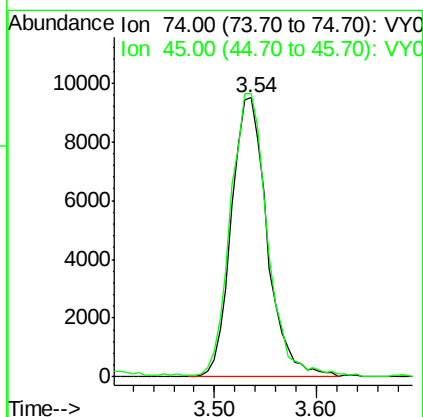
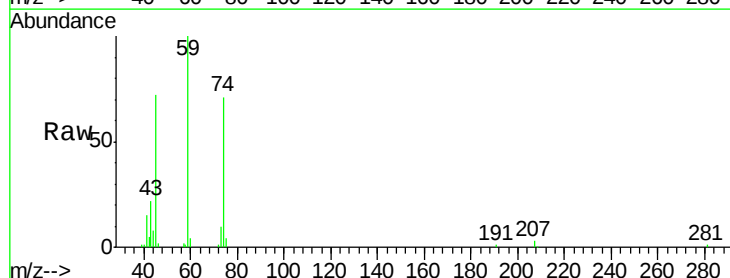
SAM
11/13/2020 6:13:55 PM

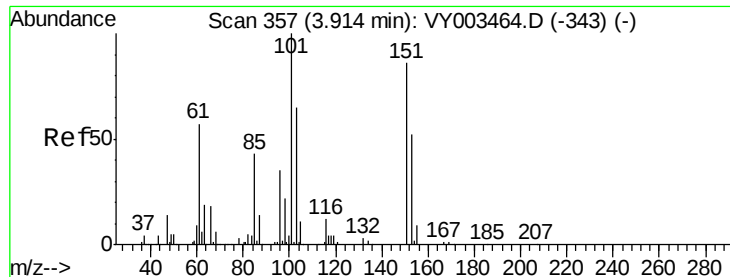


#8

Diethyl Ether
Concen: 22.624 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.7	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.712 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

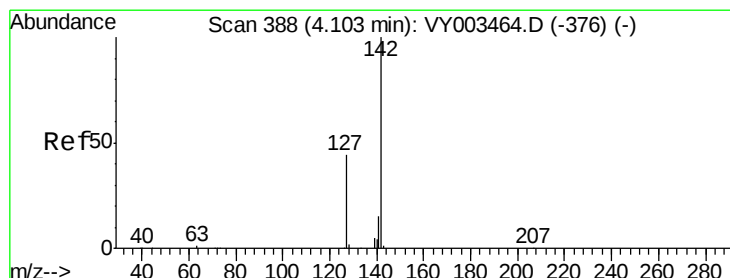
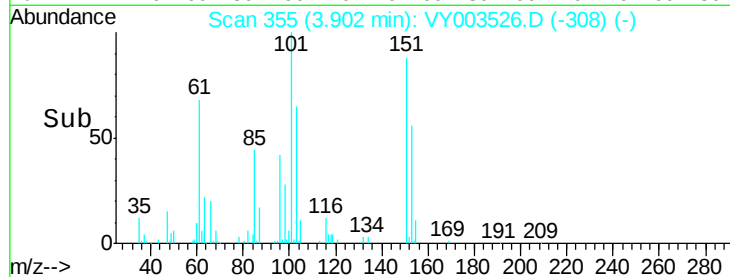
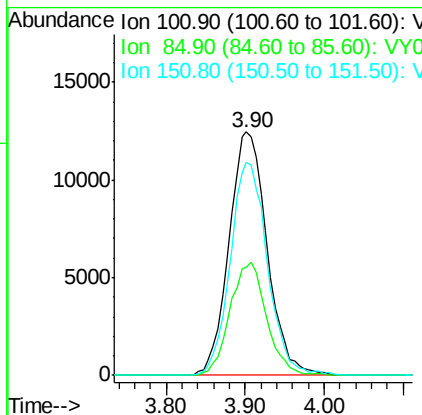
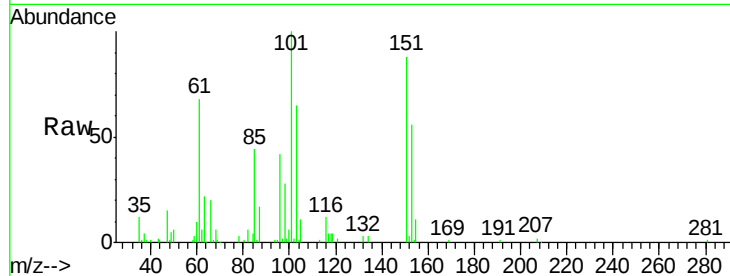
ClientSampleId :

VY1112SBSD01

Tot Ion:	101	Resp:	41804
Ion Ratio	Lower	Upper	
101	100		
85	44.5	35.8	53.8
151	85.6	67.6	101.4

Manual Integrations
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SAM
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#10

Methyl Iodide

Concen: 24.958 ug/l

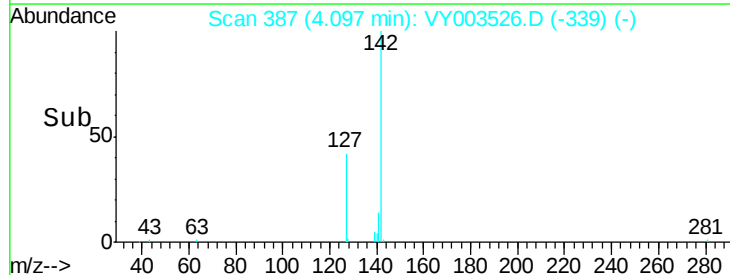
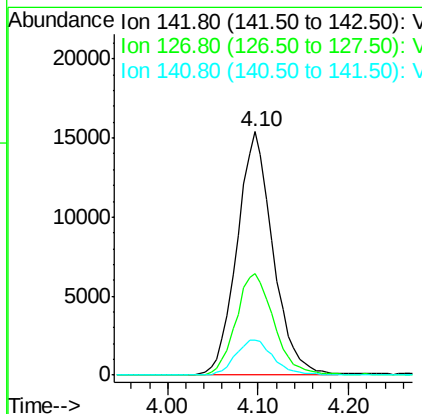
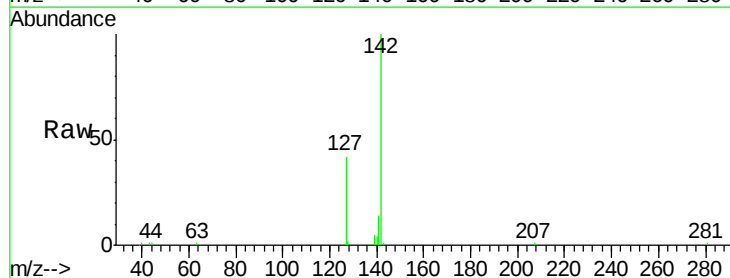
RT: 4.10 min Scan# 387

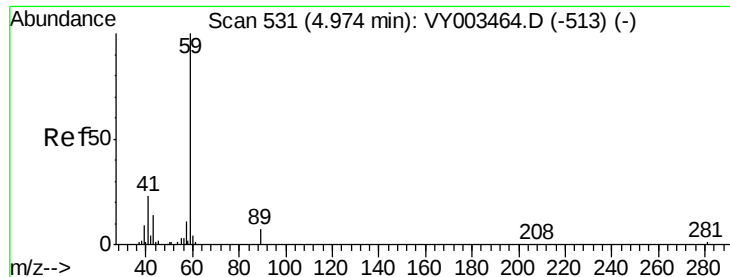
Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Tgt Ion:	142	Resp:	42353
Ion Ratio	Lower	Upper	
142	100		
127	43.9	34.5	51.7
141	15.0	11.8	17.8





#11

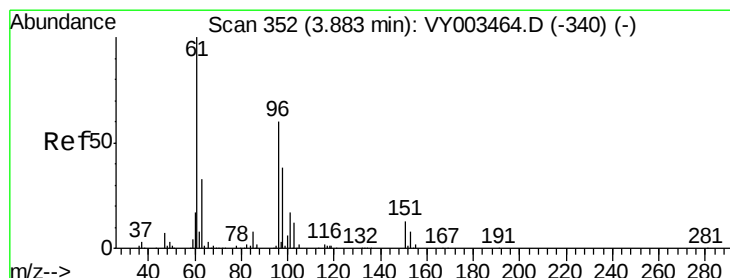
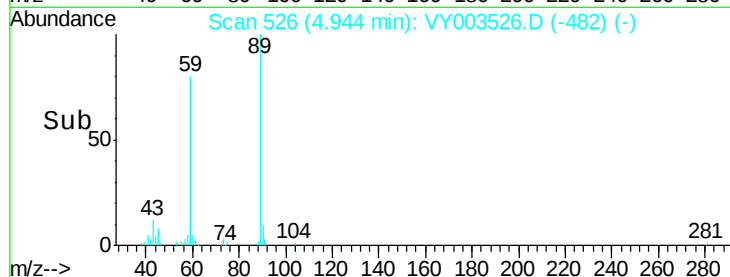
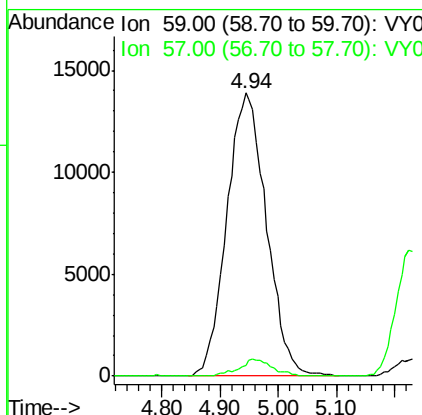
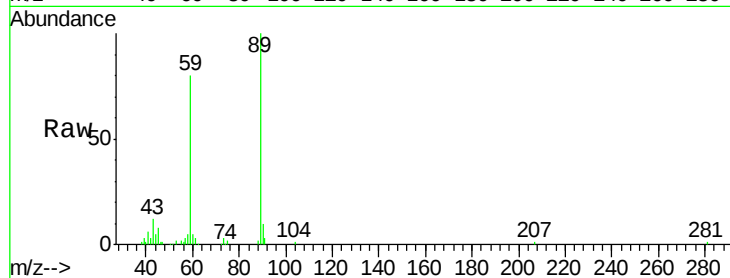
Tert butyl alcohol
Concen: 289.672 ug/l
RT: 4.94 min Scan# 526
Delta R.T. -0.03 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

Tot Ion: 59 Resp: 65442
Ion Ratio Lower Upper
59 100
57 4.9 7.9 11.9#

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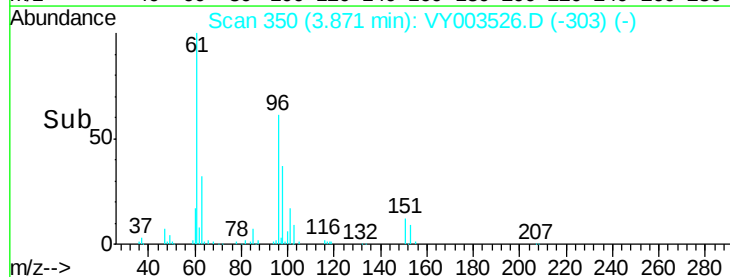
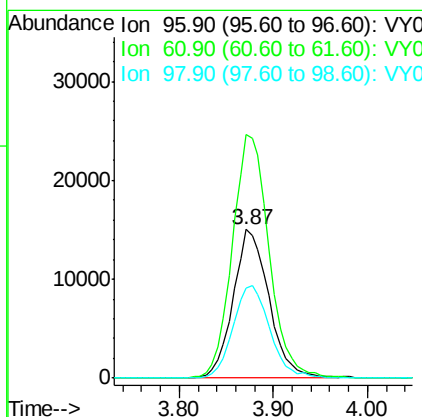
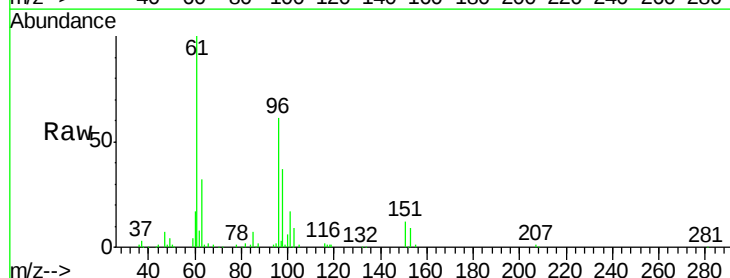
SAM
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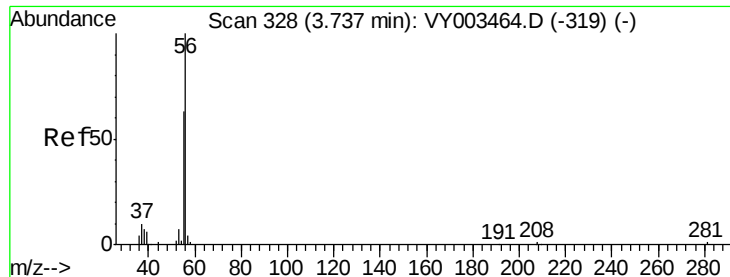


#12

1,1-Dichloroethene
Concen: 21.852 ug/l
RT: 3.87 min Scan# 350
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion: 96 Resp: 40018
Ion Ratio Lower Upper
96 100
61 164.2 133.6 200.4
98 60.4 50.2 75.2





#13

Acrolein

Concen: 90.093 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.00 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

Tot Ion: 56 Resp: 17200

Ion Ratio Lower Upper

56 100

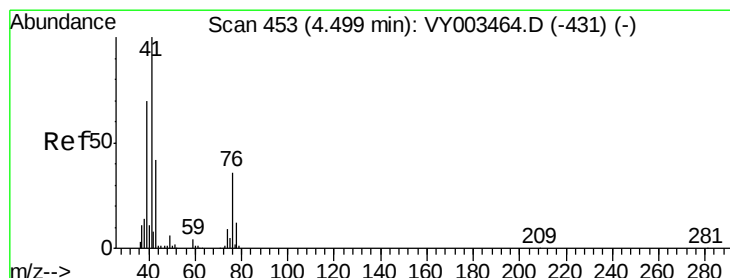
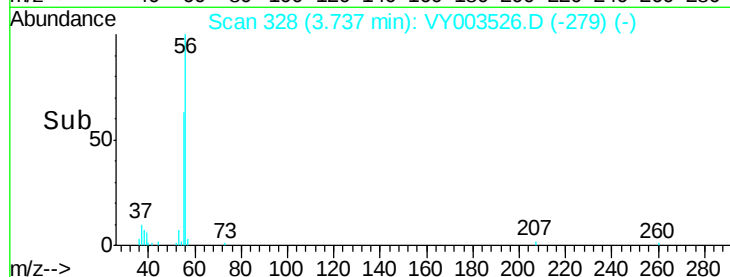
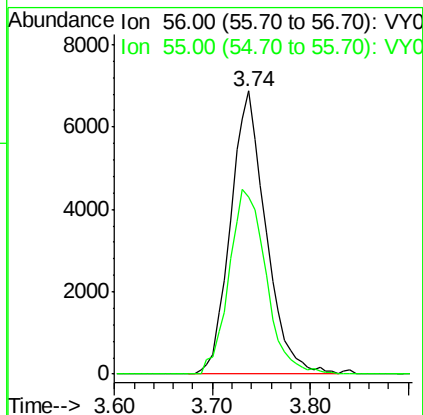
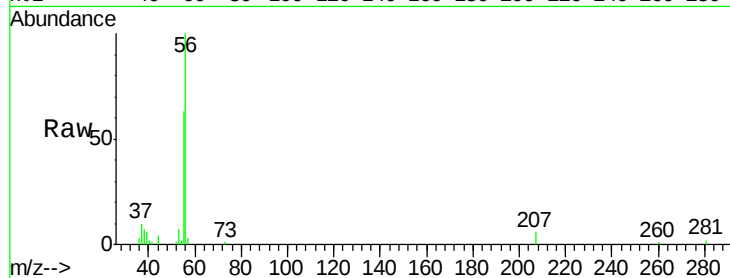
55 68.5 56.6 85.0

Manual Integrations

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#14

Allyl chloride

Concen: 21.780 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

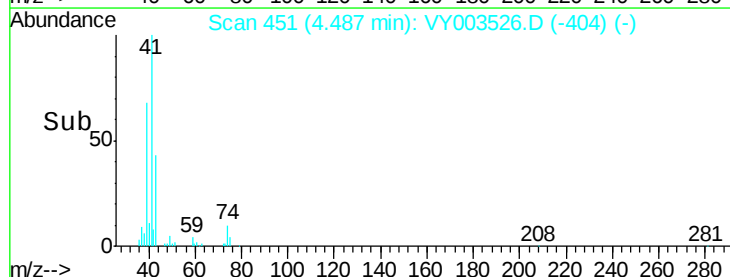
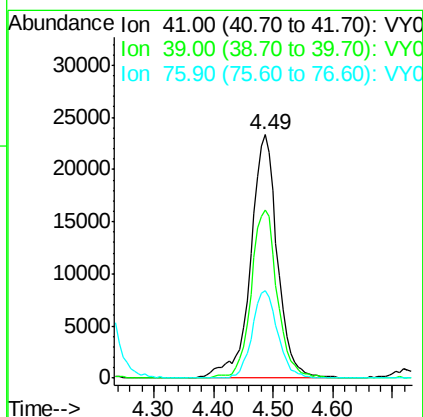
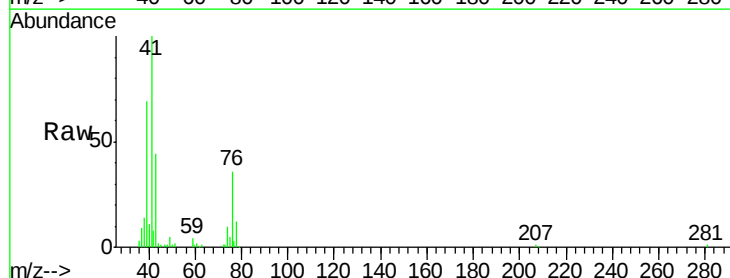
Tgt Ion: 41 Resp: 72770

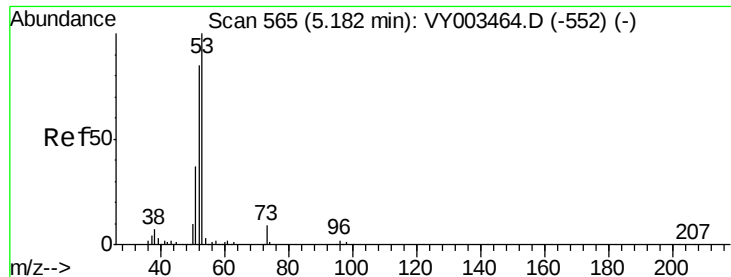
Ion Ratio Lower Upper

41 100

39 67.5 54.4 81.6

76 34.2 27.6 41.4





#15

Acrylonitrile

Concen: 106.598 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

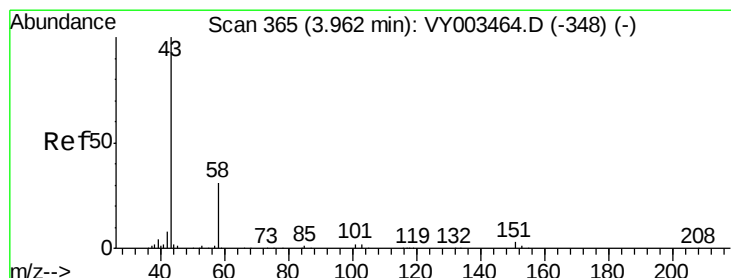
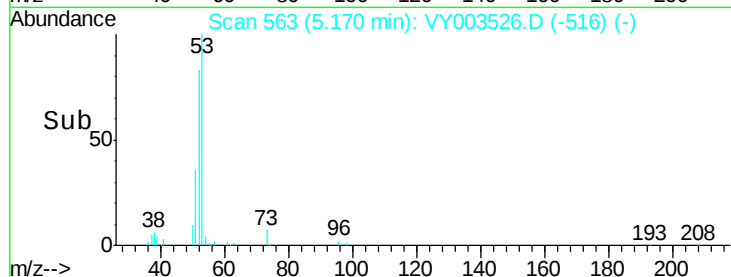
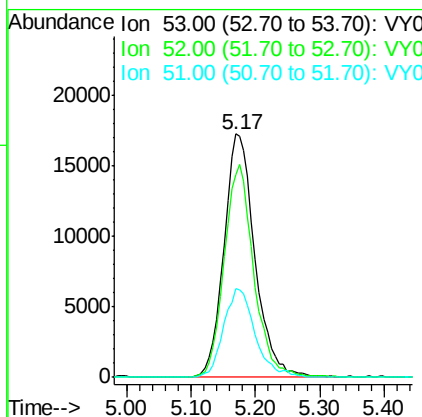
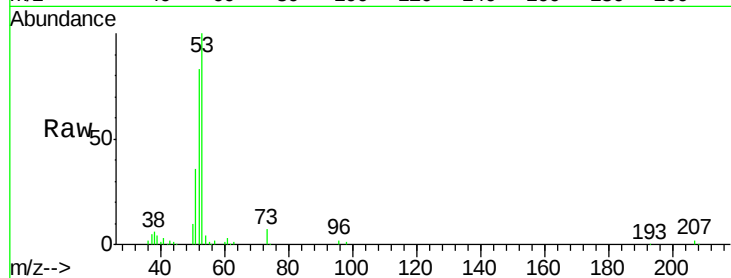
ClientSampleId :

VY1112SBS01

Tot Ion:	53	Resp:	58110
Ion Ratio	Lower	Upper	
53	100		
52	83.7	66.9	100.3
51	37.5	29.3	43.9

Manual Integrations
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#16

Acetone

Concen: 96.909 ug/l

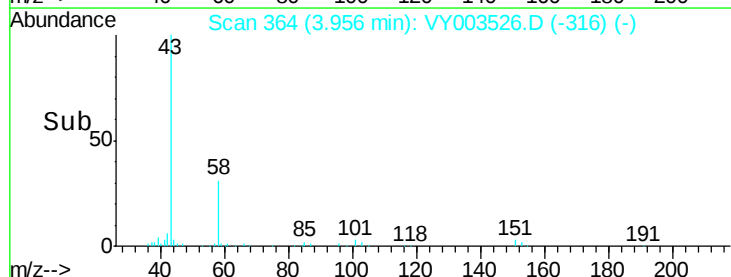
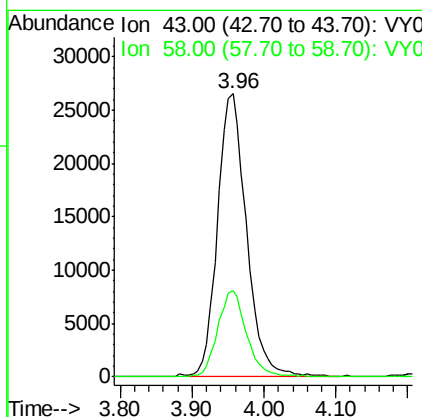
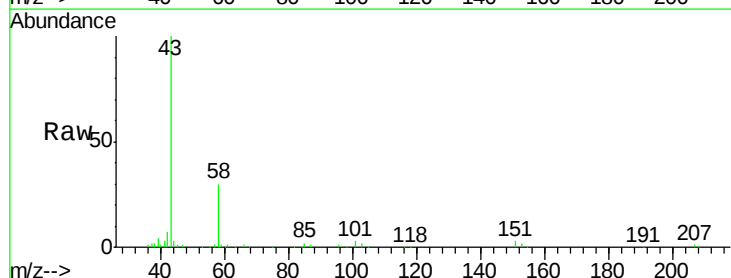
RT: 3.96 min Scan# 364

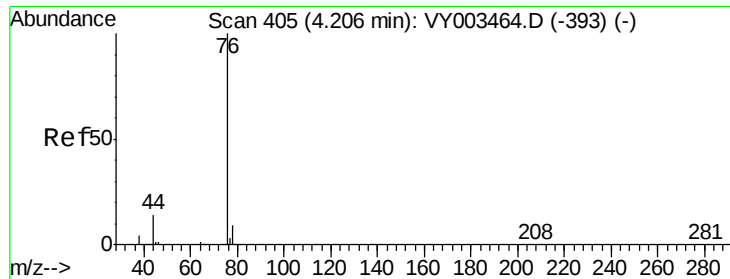
Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Tgt Ion:	43	Resp:	73543
Ion Ratio	Lower	Upper	
43	100		
58	30.5	25.0	37.4





#17

Carbon Disulfide

Concen: 20.533 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

Tot Ion: 76 Resp: 121818

Ion Ratio Lower Upper

76 100

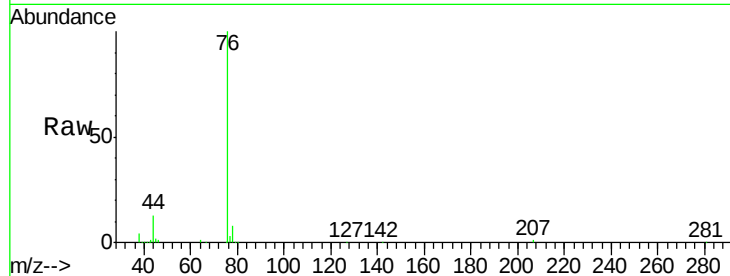
78 8.3 7.4 11.2

Manual Integrations

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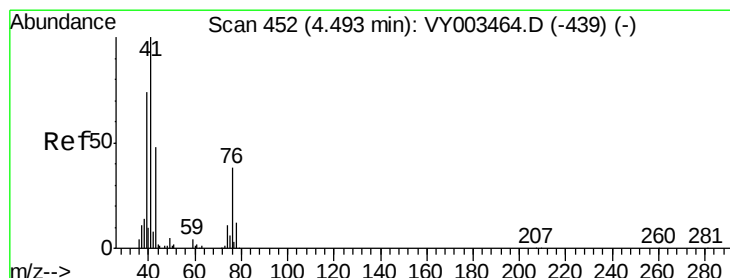
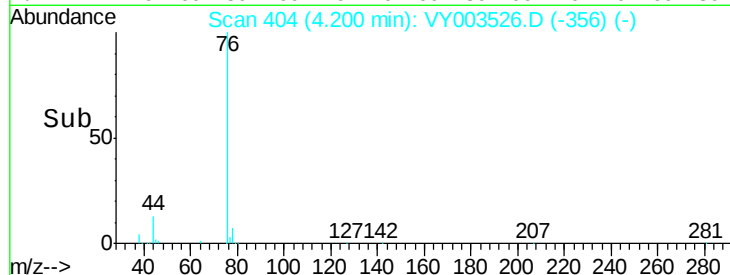
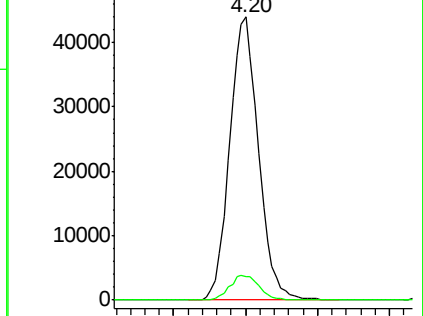
SAM

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 22.627 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY003526.D

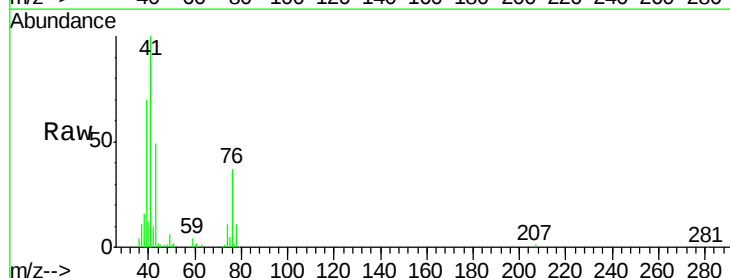
Acq: 12 Nov 2020 11:28

Tgt Ion: 43 Resp: 32450

Ion Ratio Lower Upper

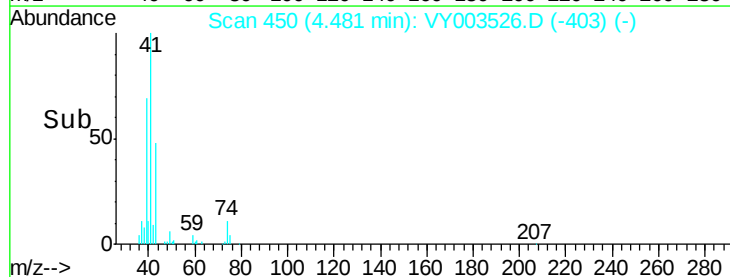
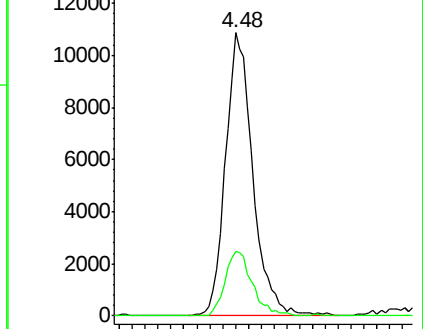
43 100

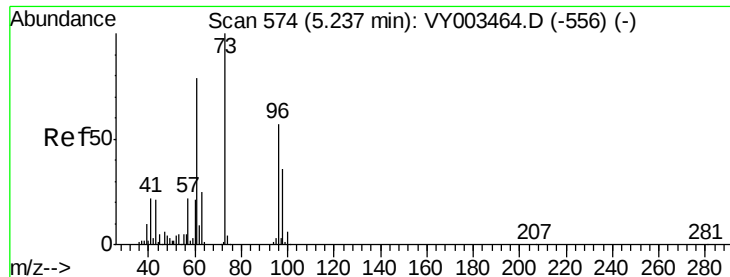
74 22.7 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





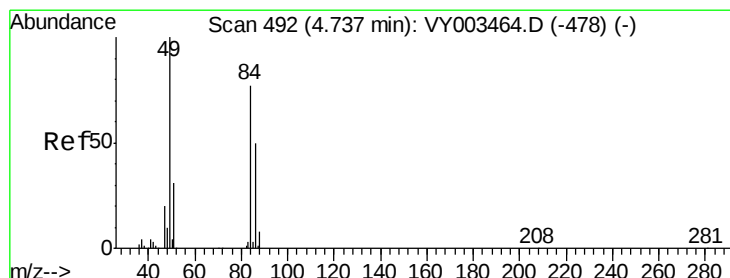
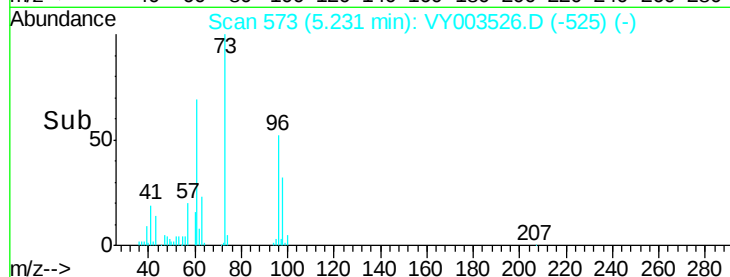
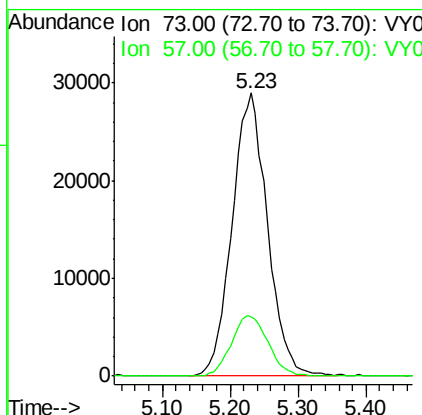
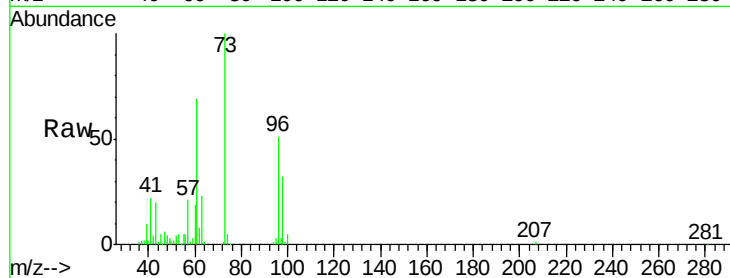
#19
Methvl tert-butvl Ether
Concen: 23.040 ug/l
RT: 5.23 min Scan# 573
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

Tot Ion: 73 Resp: 104505
Ion Ratio Lower Upper
73 100
57 21.1 17.2 25.8

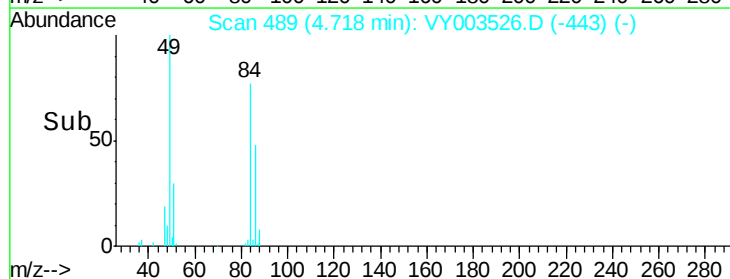
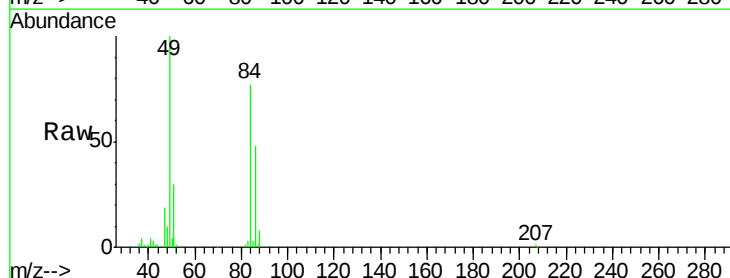
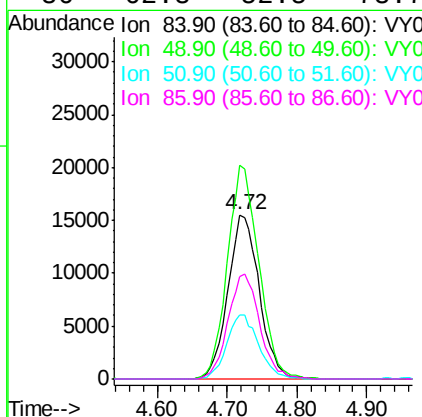
Manual Integrations
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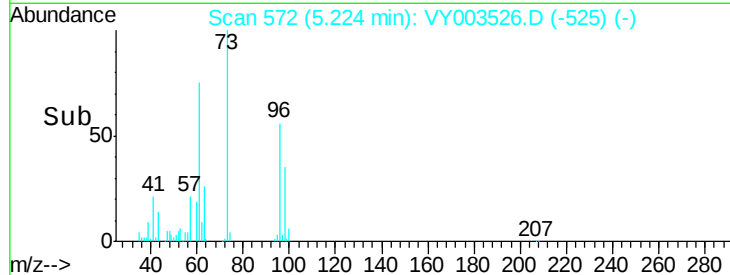
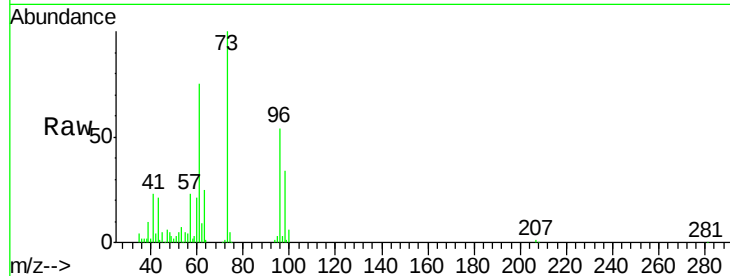
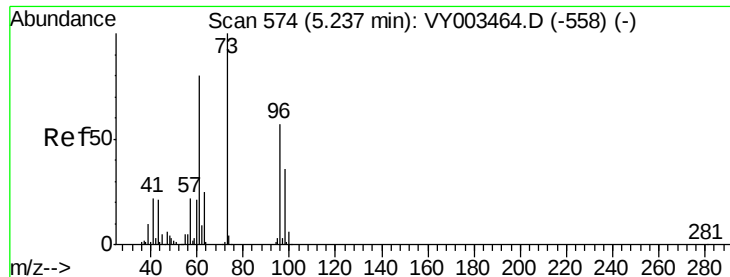
SAM
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#20
Methylene Chloride
Concen: 22.534 ug/l
RT: 4.72 min Scan# 489
Delta R.T. -0.02 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion: 84 Resp: 48159
Ion Ratio Lower Upper
84 100
49 130.2 104.3 156.5
51 38.7 32.5 48.7
86 62.8 52.5 78.7





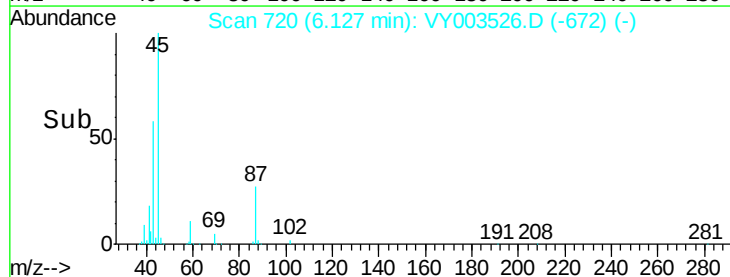
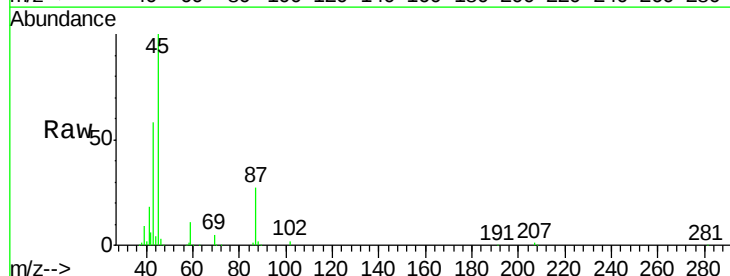
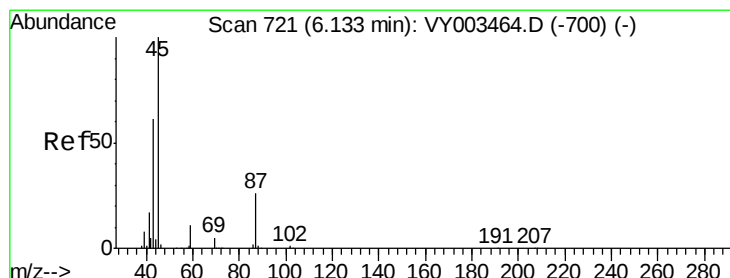
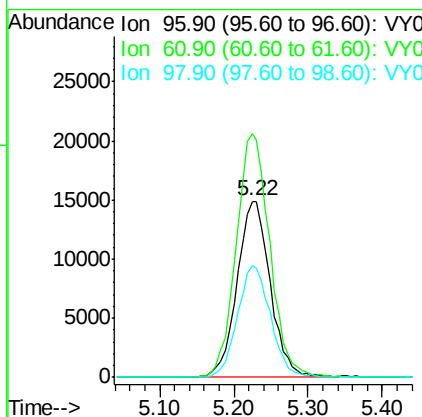
#21
trans-1,2-Dichloroethene
Concen: 21.944 ug/l
RT: 5.22 min Scan# 572
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tot Ion:	96	Resp:	46533
Ion Ratio	Lower	Upper	
96	100		
61	138.4	111.3	166.9
98	63.3	50.3	75.5

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

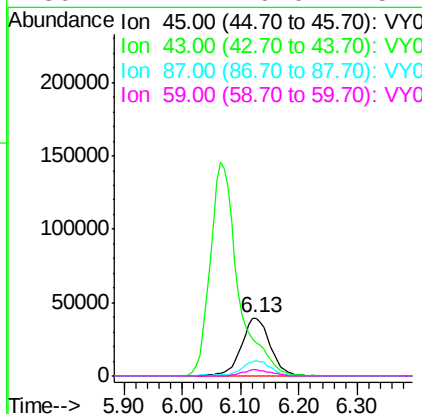
Manual Integrations
APPROVED

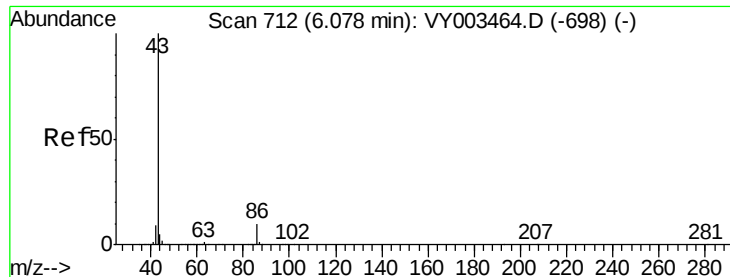
SAM
11/13/2020 6:13:55 PM



#22
Diisopropyl ether
Concen: 23.100 ug/l
RT: 6.13 min Scan# 720
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion:	45	Resp:	135371
Ion Ratio	Lower	Upper	
45	100		
43	57.2	48.8	73.2
87	27.1	20.6	31.0
59	11.4	9.0	13.4





#23

Vinyl Acetate

Concen: 109.810 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

Tot Ion: 43 Resp: 483576

Ion Ratio Lower Upper

43 100

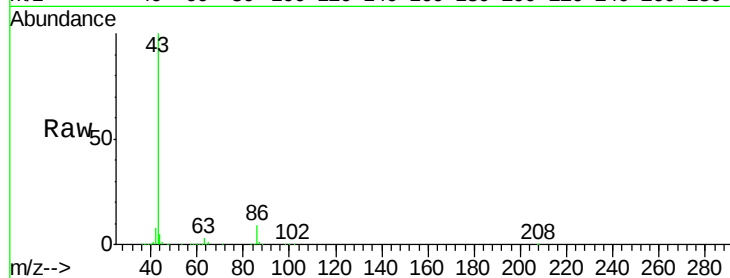
86 9.4 8.2 12.2

Manual Integrations

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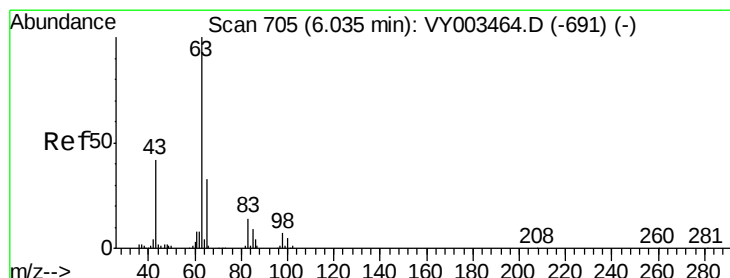
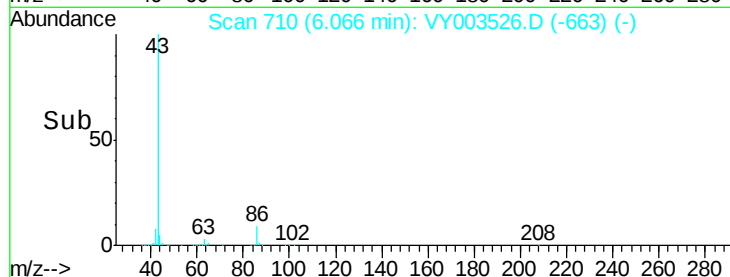
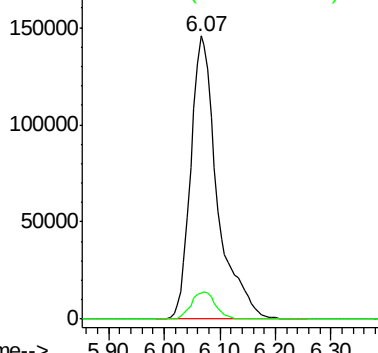
SAM

11/13/2020 6:13:55 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 22.511 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

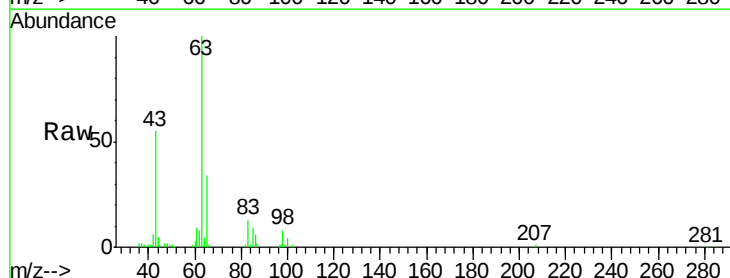
Tgt Ion: 63 Resp: 83829

Ion Ratio Lower Upper

63 100

98 8.0 3.6 10.8

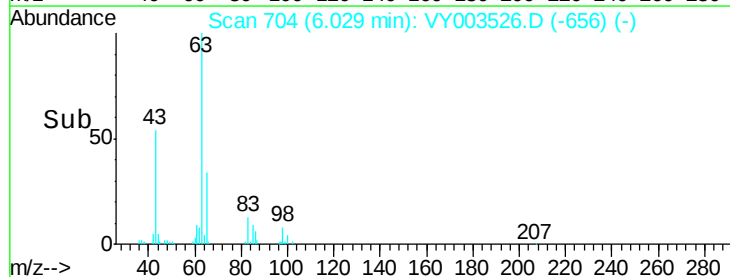
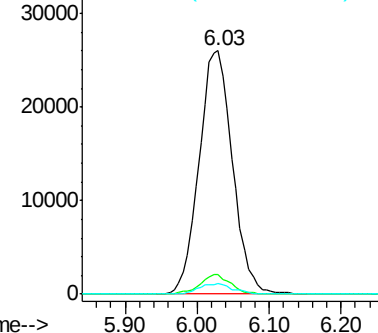
100 4.4 2.3 6.9

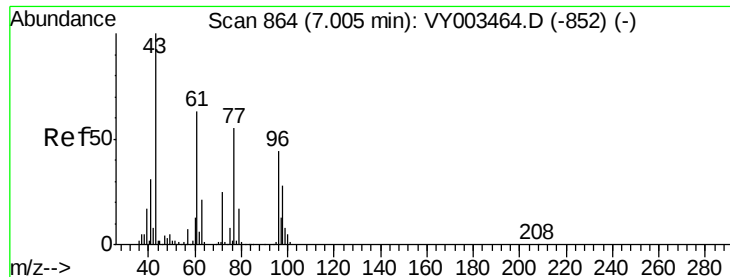


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 104.614 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

Tot Ion: 43 Resp: 99294

Ion Ratio Lower Upper

43 100

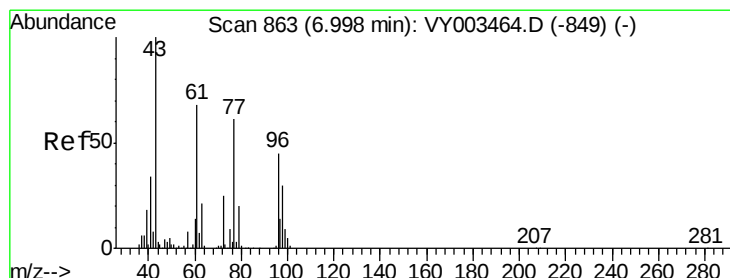
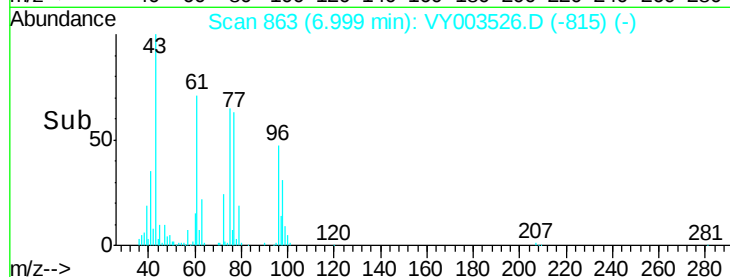
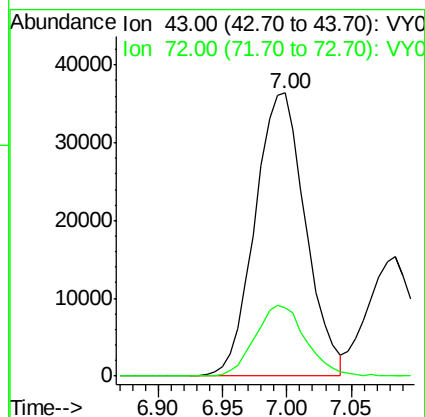
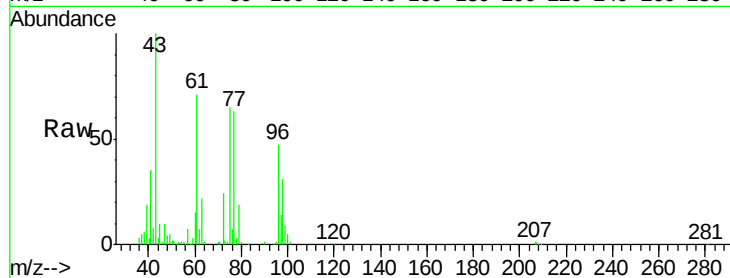
72 24.1 20.1 30.1

Manual Integrations

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SAM

11/13/2020 6:13:55 PM



#26

2,2-Dichloropropane

Concen: 22.679 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003526.D

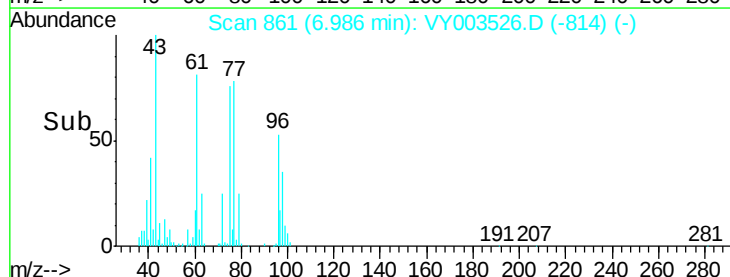
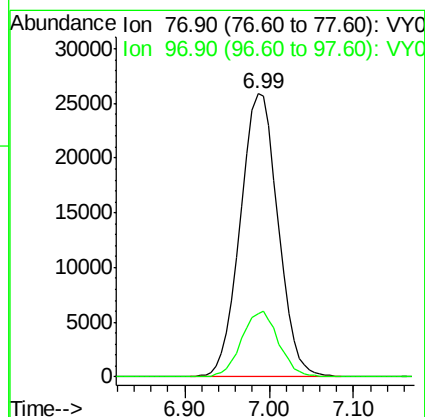
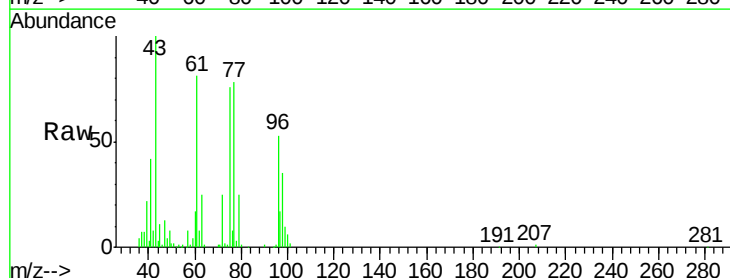
Acq: 12 Nov 2020 11:28

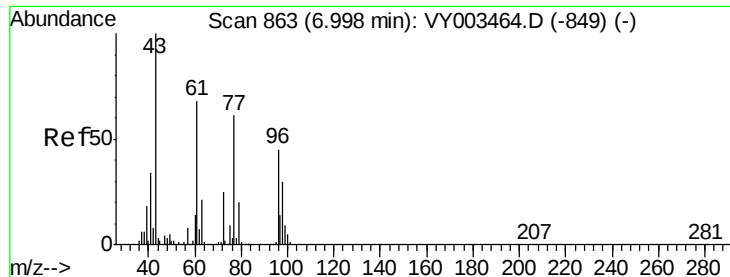
Tgt Ion: 77 Resp: 78680

Ion Ratio Lower Upper

77 100

97 22.7 11.2 33.6





#27

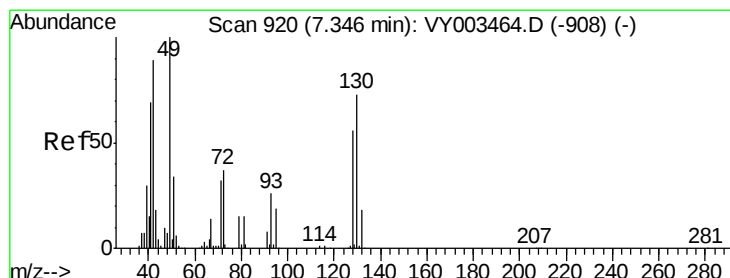
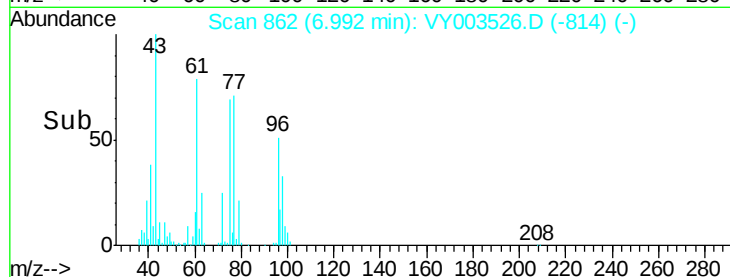
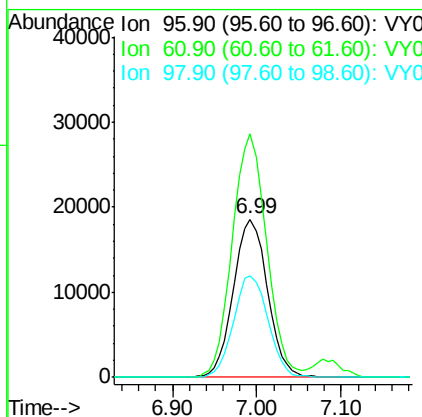
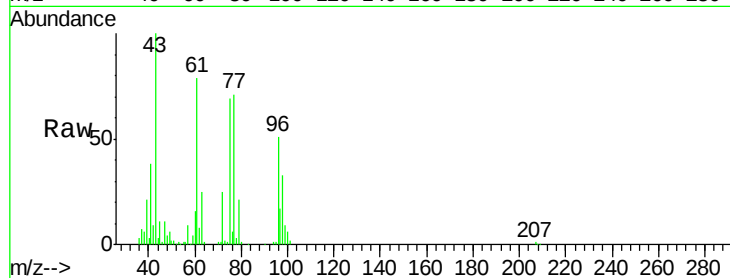
cis-1,2-Dichloroethene
Concen: 22.292 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	154.0	0.0	299.2	
98	64.6	0.0	128.6	

Manual Integrations
APPROVED

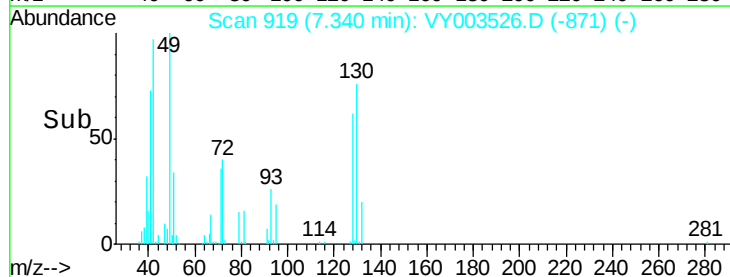
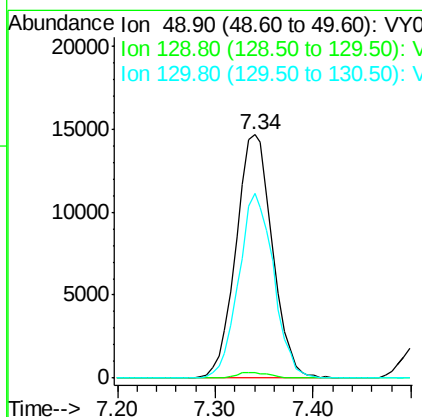
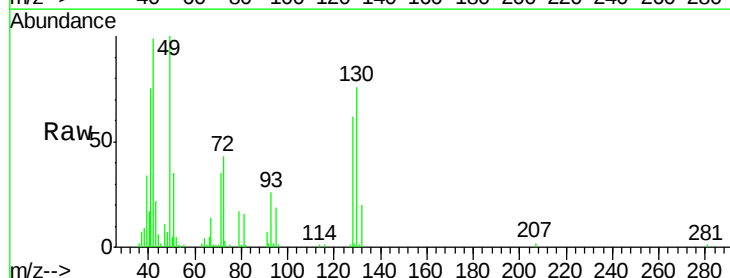
SAM
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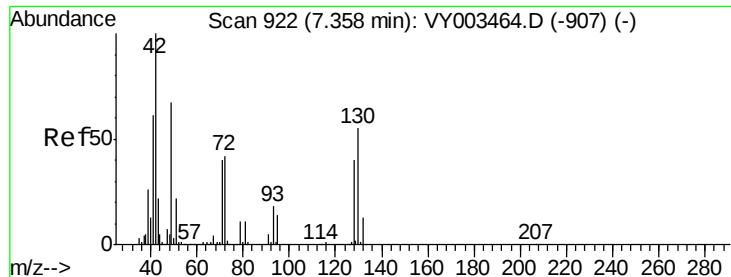


#28

Bromochloromethane
Concen: 20.212 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	4.2	
130	72.8	60.0	90.0	





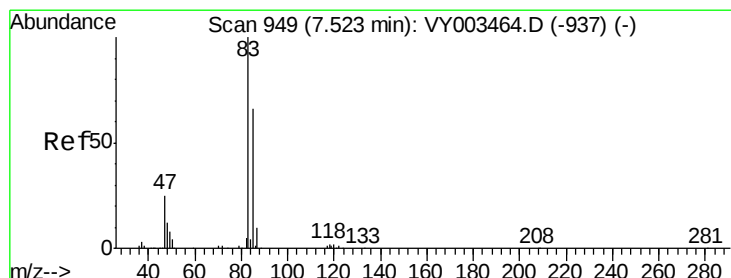
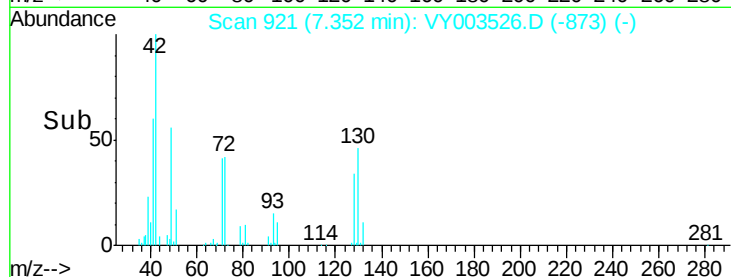
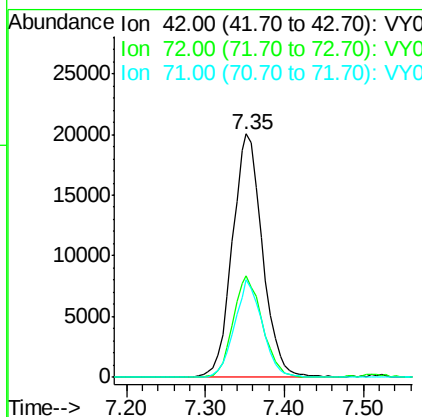
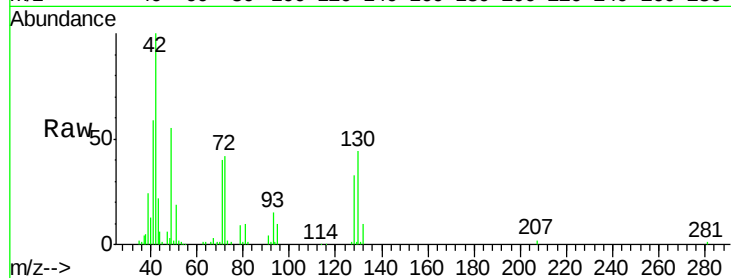
#29
Tetrahydrofuran
Concen: 107.407 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

Tot Ion:	42	Resp:	53270
Ion	Ratio	Lower	Upper
42	100		
72	40.3	32.8	49.2
71	37.0	30.7	46.1

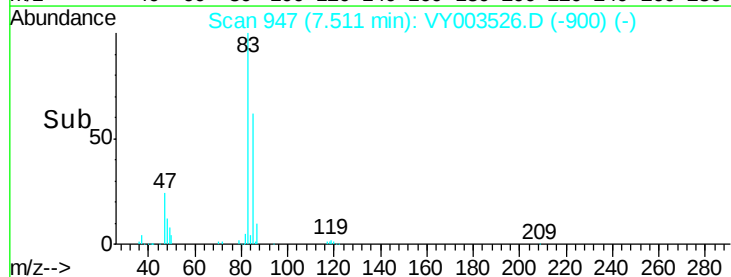
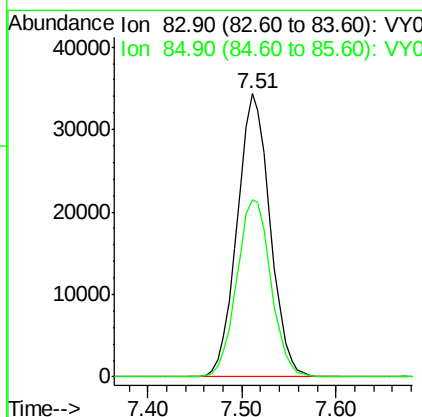
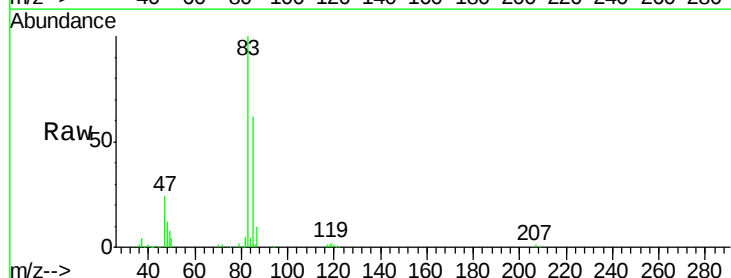
Manual Integrations
APPROVED

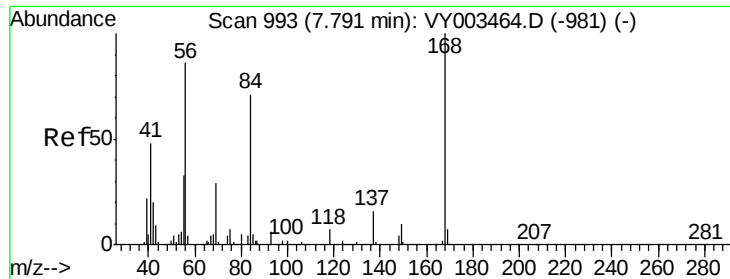
SAM
11/13/2020 6:13:55 PM



#30
Chloroform
Concen: 22.897 ug/l
RT: 7.51 min Scan# 947
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion:	83	Resp:	83749
Ion	Ratio	Lower	Upper
83	100		
85	62.4	52.6	79.0





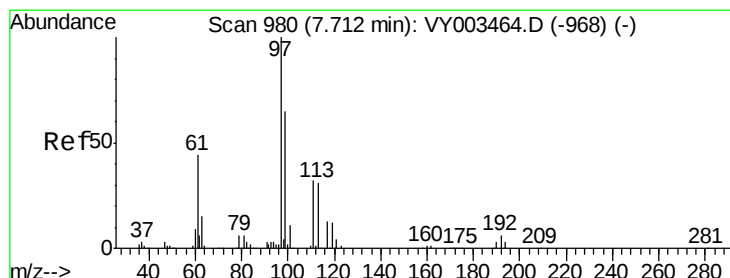
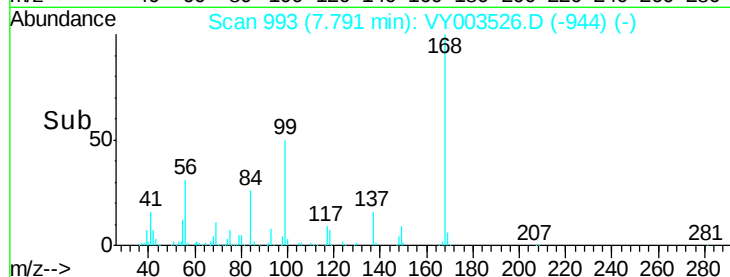
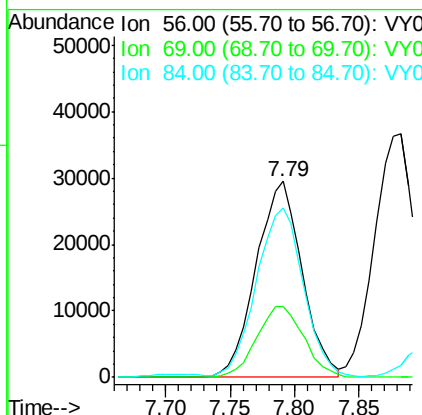
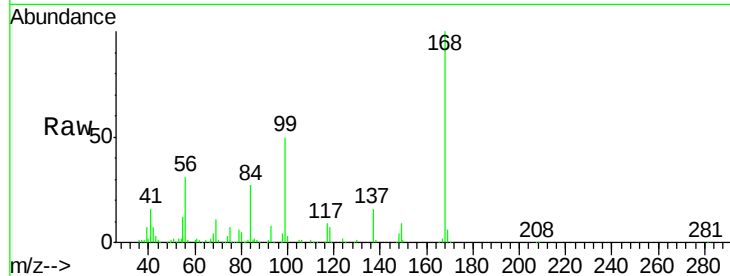
#31
Cyclohexane
Concen: 21.191 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	36.1	26.6	39.8
84	85.0	65.9	98.9

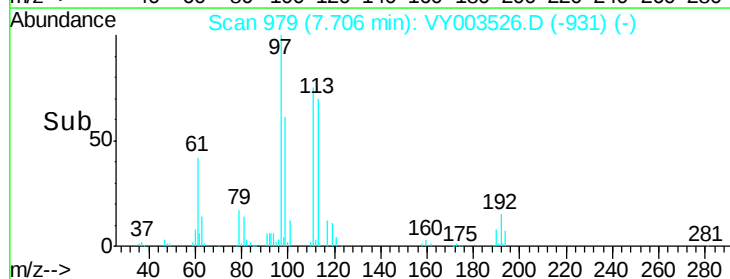
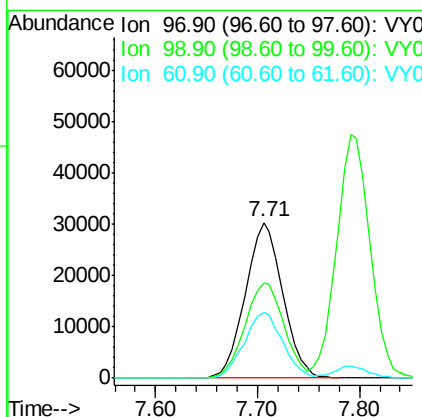
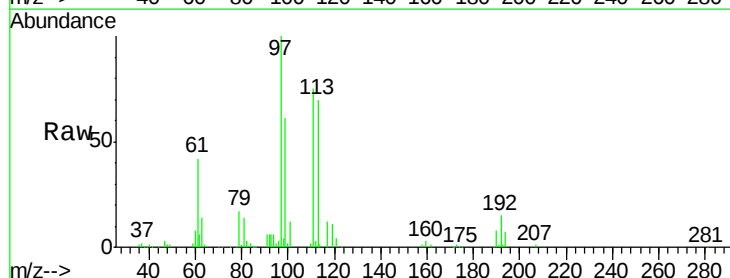
Manual Integrations
APPROVED

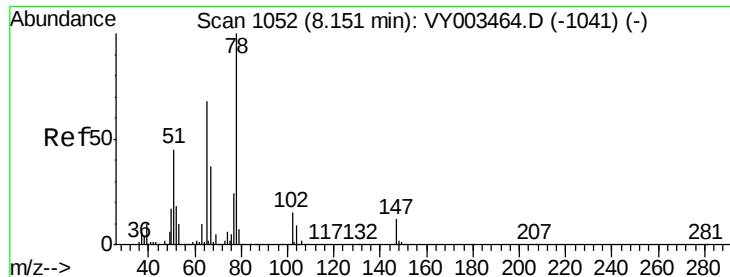
SAM
11/13/2020 6:13:55 PM



#32
1,1,1-Trichloroethane
Concen: 22.630 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.6	77.4
61	43.6	35.1	52.7





#33

1,2-Dichloroethane-d4

Concen: 49.778 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

Tot Ion: 65 Resp: 114514

Ion Ratio Lower Upper

65 100

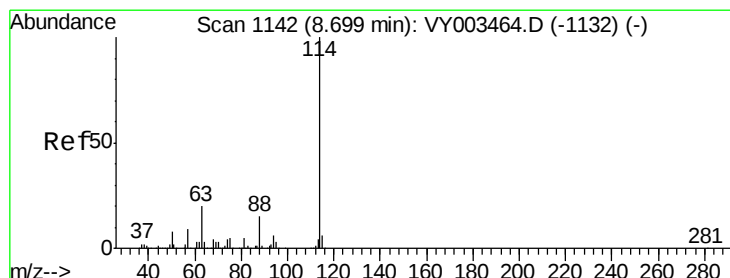
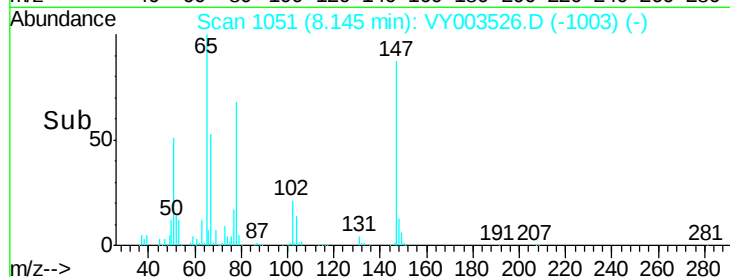
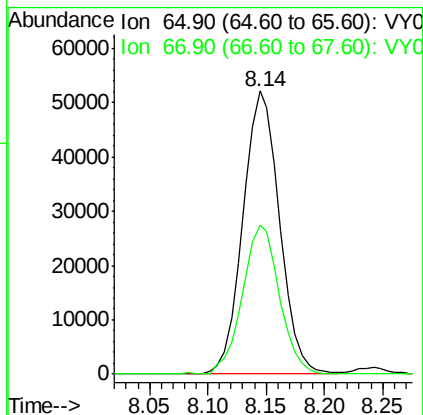
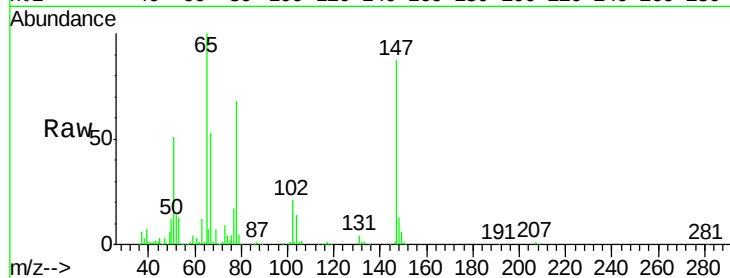
67 53.2 0.0 106.0

Manual Integrations

APPROVED

SAM

11/13/2020 6:13:55 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

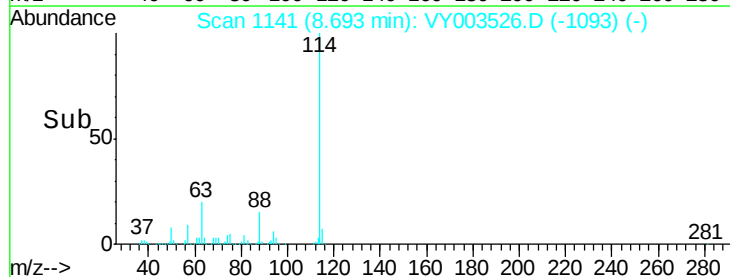
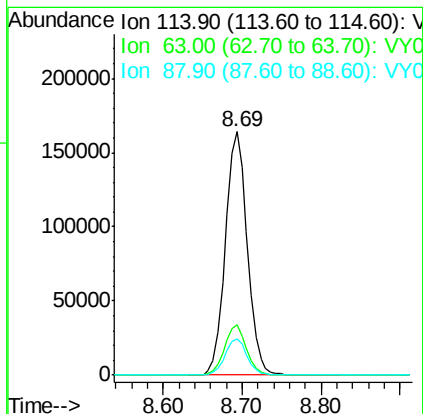
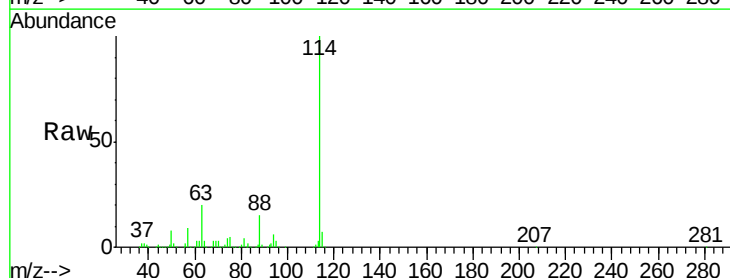
Tgt Ion: 114 Resp: 316108

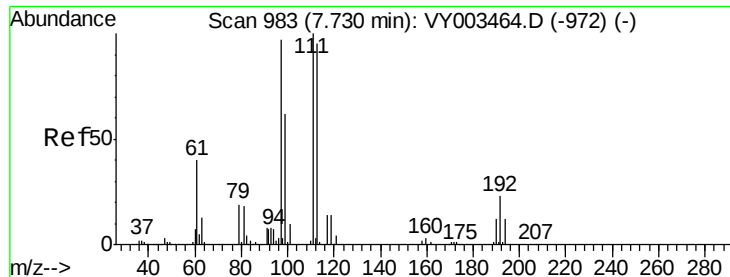
Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.6

88 14.7 0.0 29.4





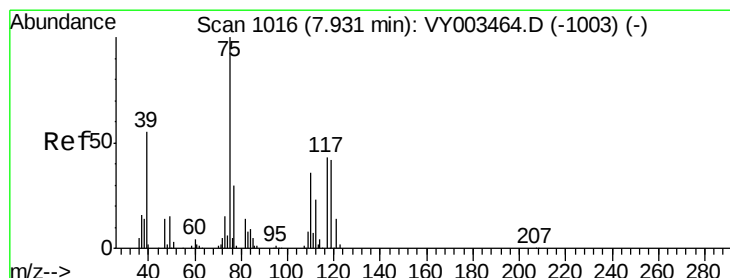
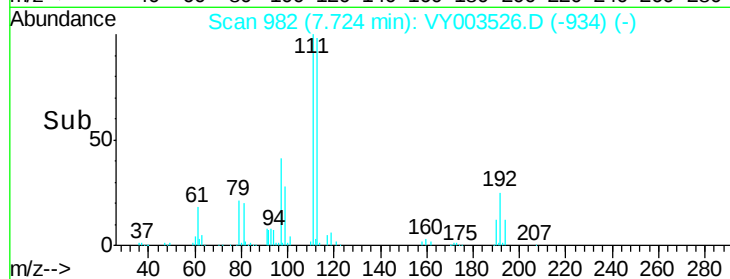
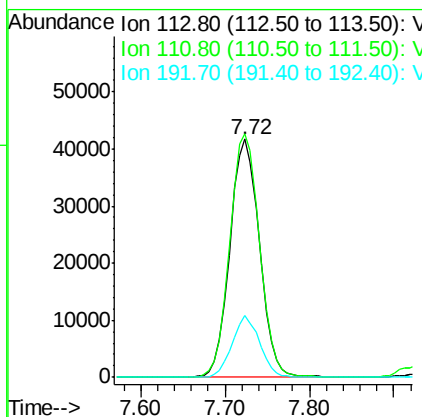
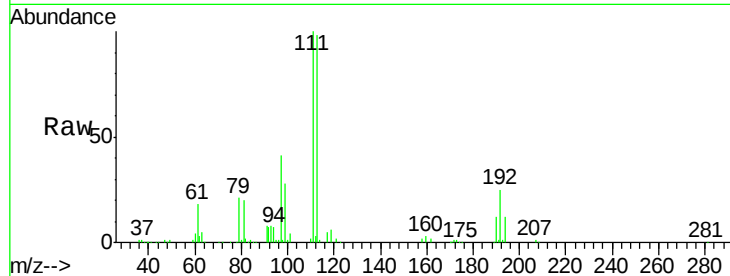
#35
Dibromofluoromethane
Concen: 51.475 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.8	122.6
192	24.1	18.8	28.2

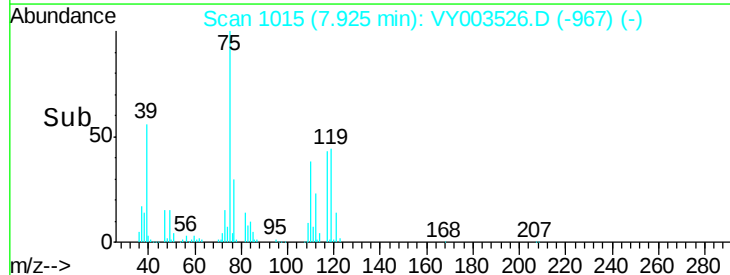
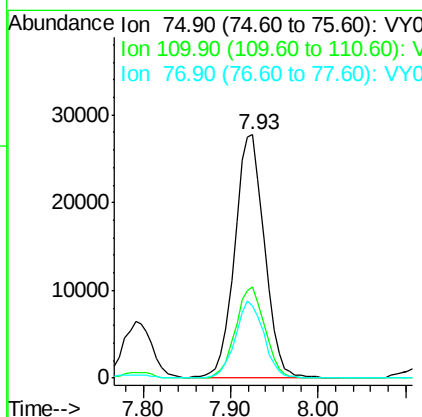
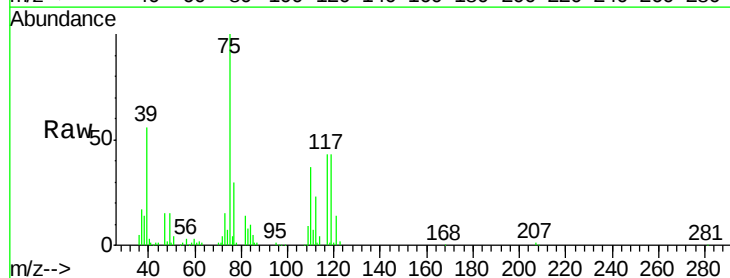
Manual Integrations
APPROVED

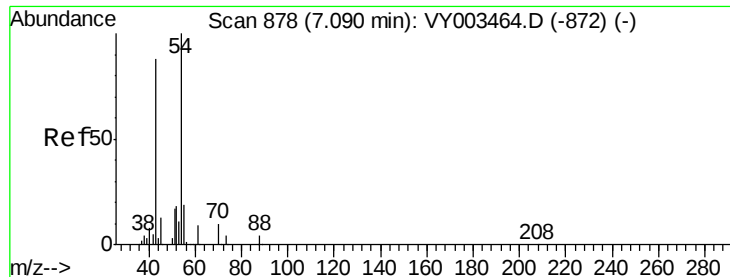
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11/13/2020 6:13:55 PM



#36
1,1-Dichloropropene
Concen: 22.108 ug/l
RT: 7.93 min Scan# 1015
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	17.6	52.9
77	30.2	24.7	37.1





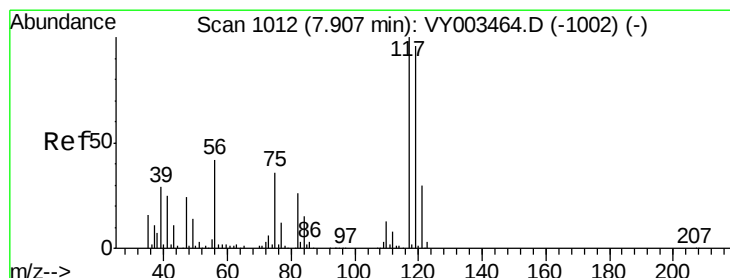
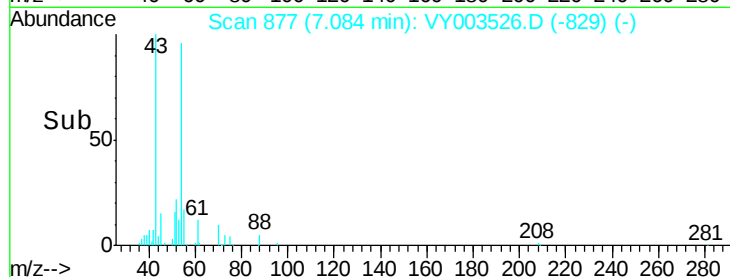
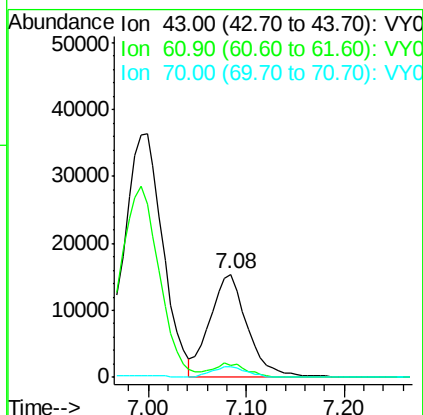
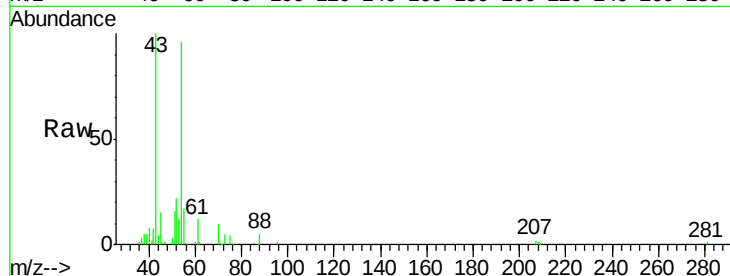
#37
Ethyl Acetate
Concen: 21.873 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.6	11.0	16.6
70	9.8	7.9	11.9

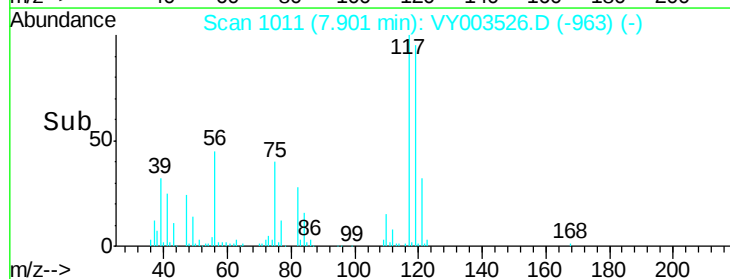
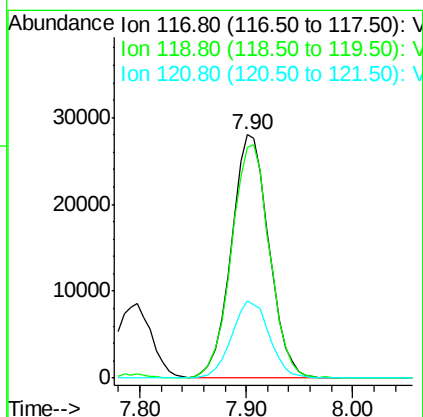
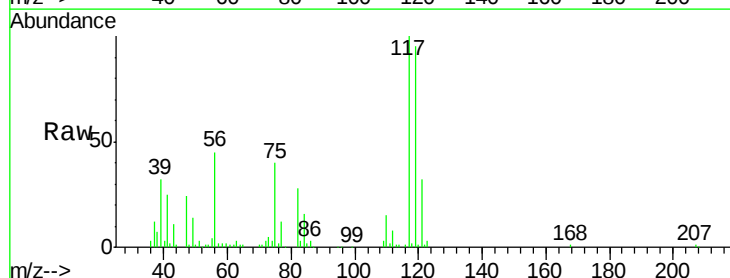
Manual Integrations
APPROVED

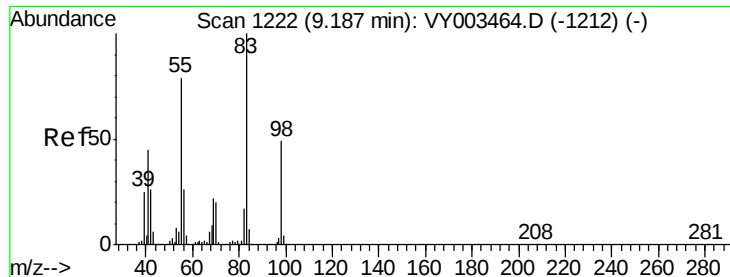
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#38
Carbon Tetrachloride
Concen: 22.483 ug/l
RT: 7.90 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.0	76.2	114.4
121	31.9	24.2	36.4





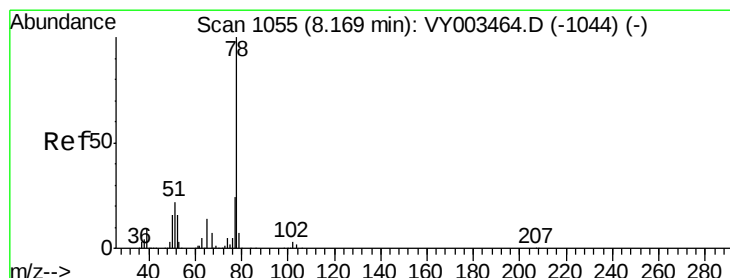
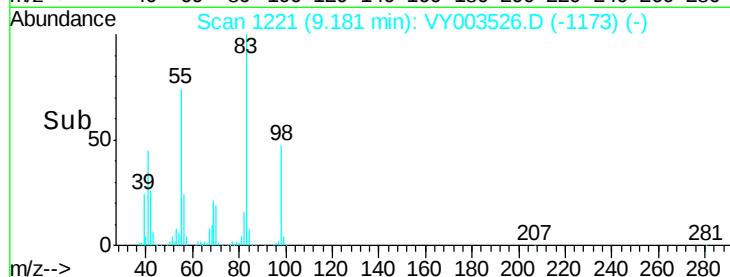
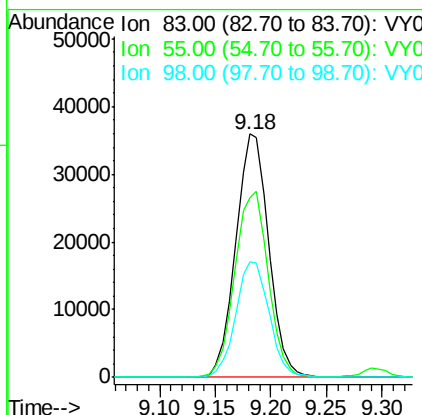
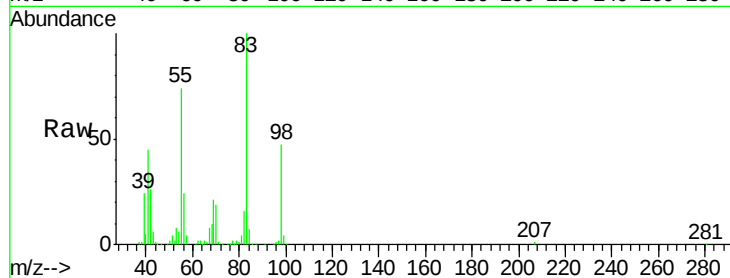
#39
Methvlcvclohexane
Concen: 22.210 ug/l
RT: 9.18 min Scan# 1221
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.9	63.5	95.3
98	47.5	39.4	59.2

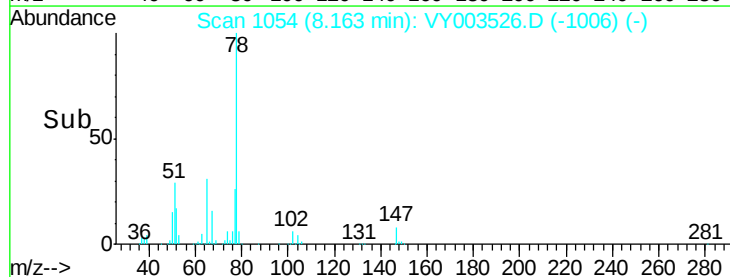
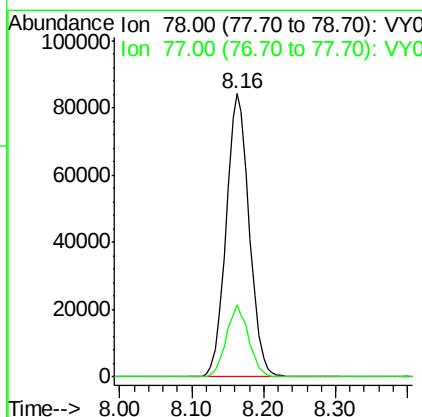
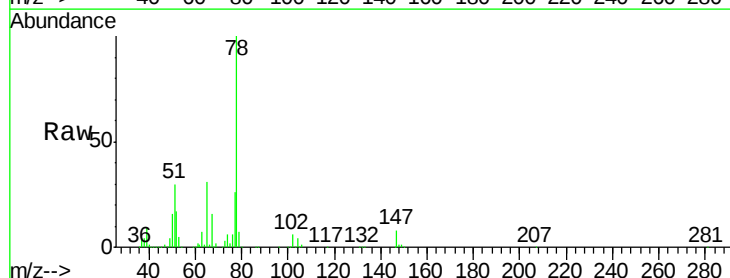
Manual Integrations
APPROVED

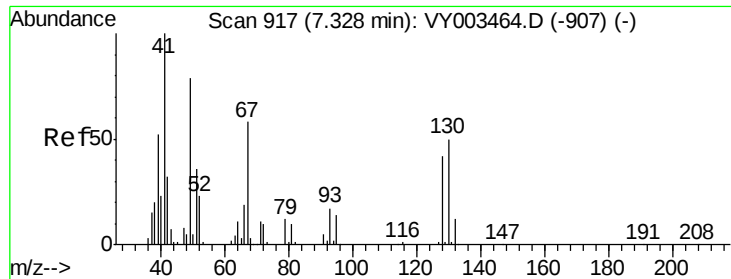
SAM
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#40
Benzene
Concen: 22.555 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.7	19.4	29.0





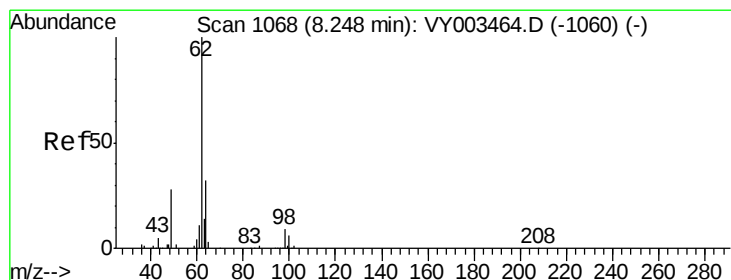
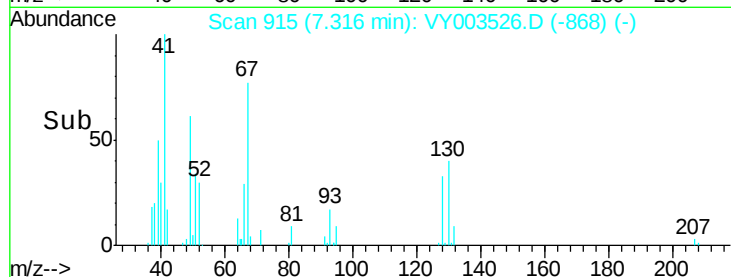
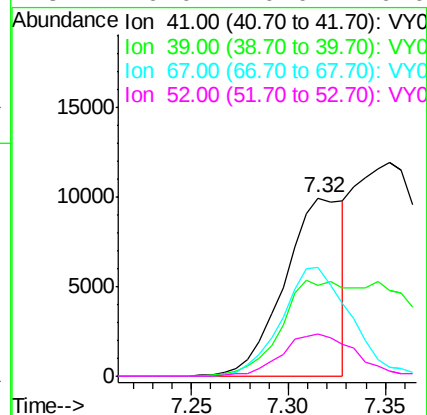
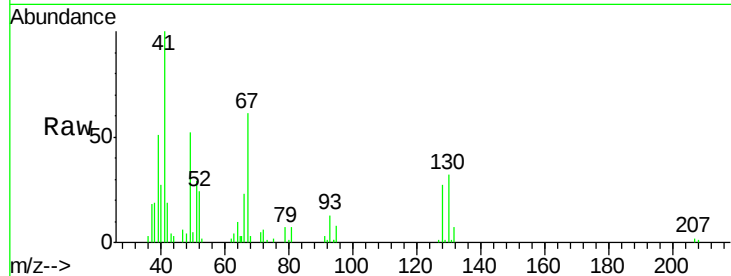
#41
Methacrylonitrile
Concen: 21.404 ug/l m
RT: 7.32 min Scan# 915
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

Tot 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

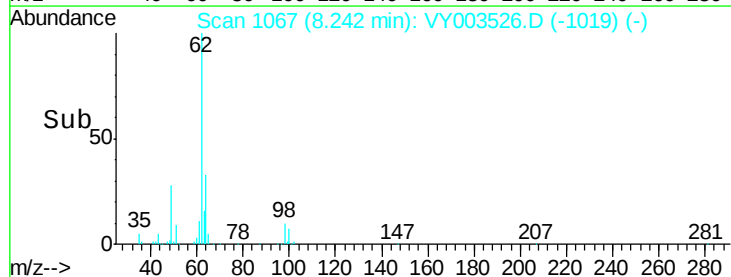
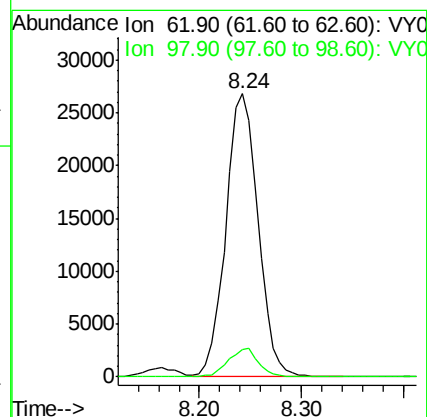
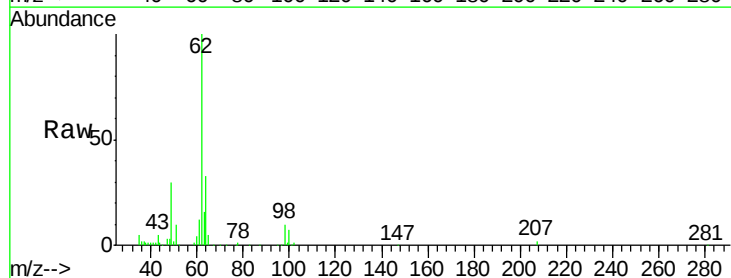
Manual Integrations
APPROVED

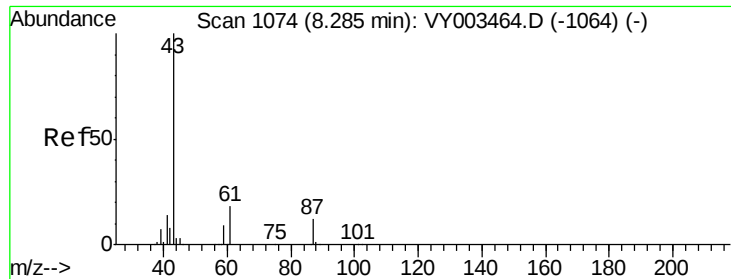
SAM
11/13/2020 6:13:55 PM



#42
1,2-Dichloroethane
Concen: 22.638 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.2





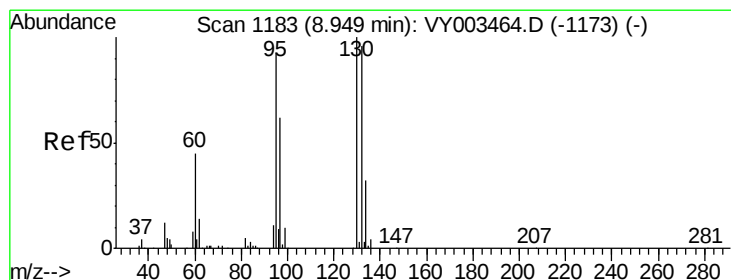
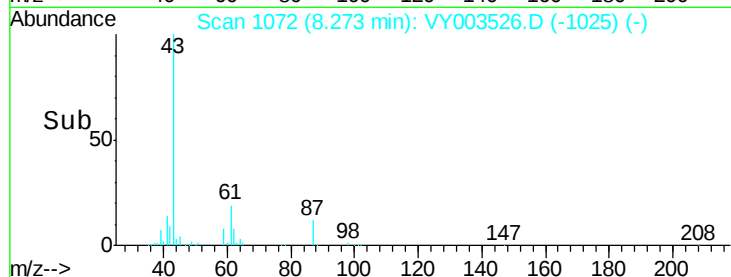
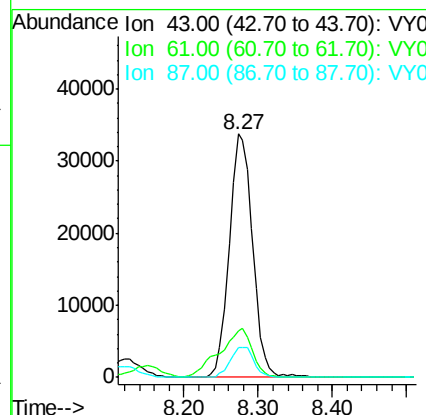
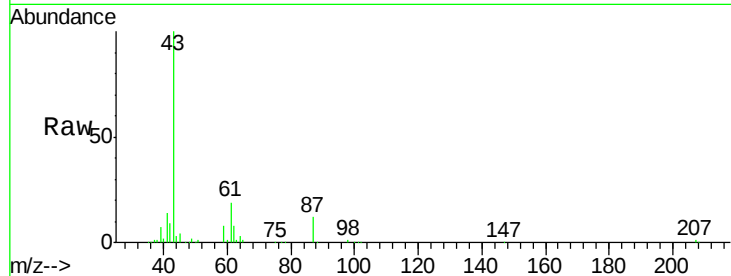
#43
Isopropyl Acetate
Concen: 22.198 ug/l
RT: 8.27 min Scan# 1072
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.1	21.9	32.9
87	12.8	10.0	15.0

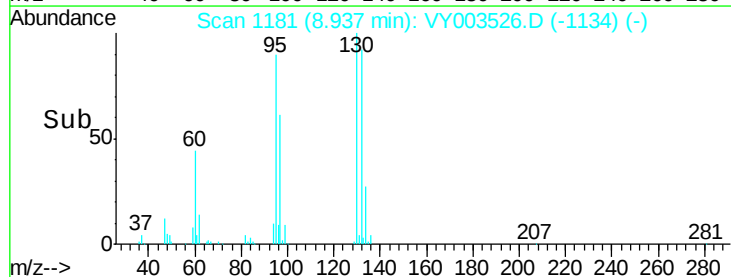
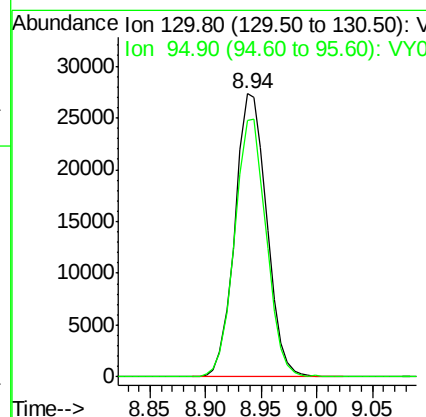
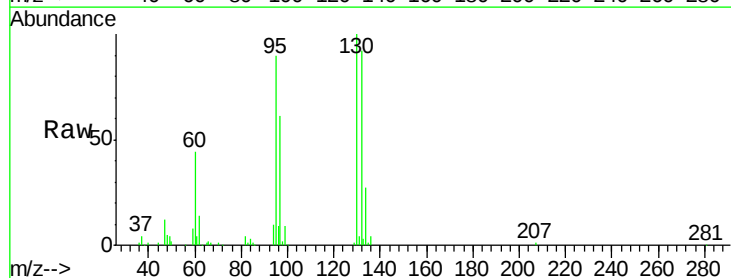
Manual Integrations
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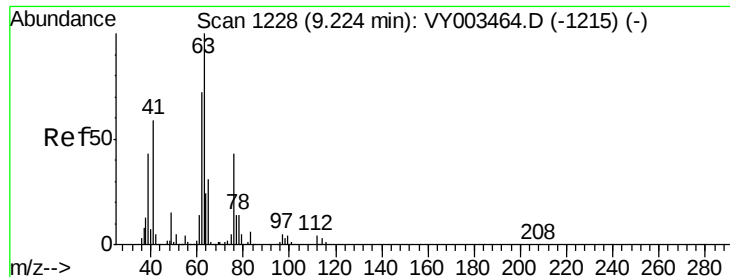
SAM
11/13/2020 6:13:55 PM



#44
Trichloroethene
Concen: 23.246 ug/l
RT: 8.94 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.5	0.0	186.6





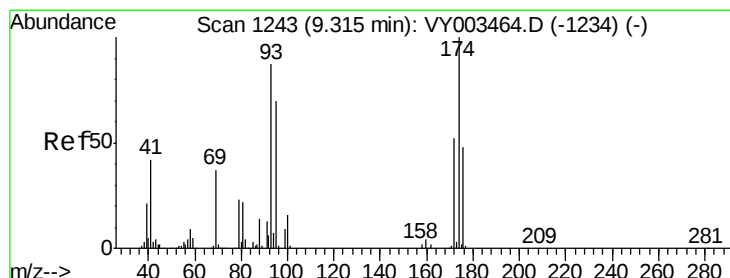
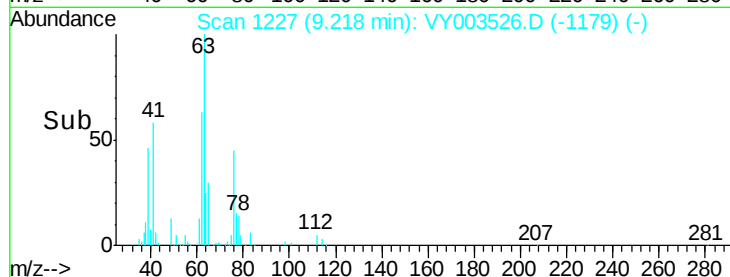
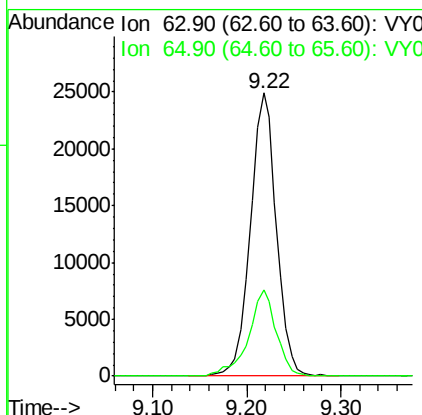
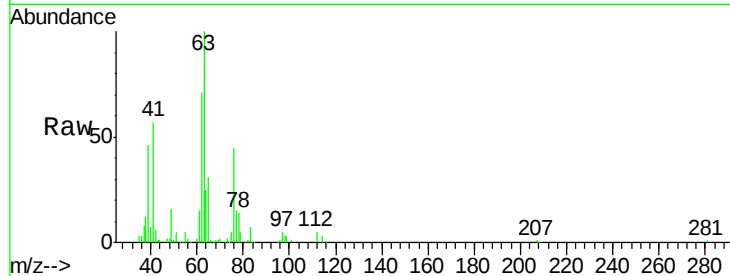
#45
 1,2-Dichloropropane
 Concen: 23.075 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.01 min
 Lab File: VY003526.D
 Acq: 12 Nov 2020 11:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1112SBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.6	36.8

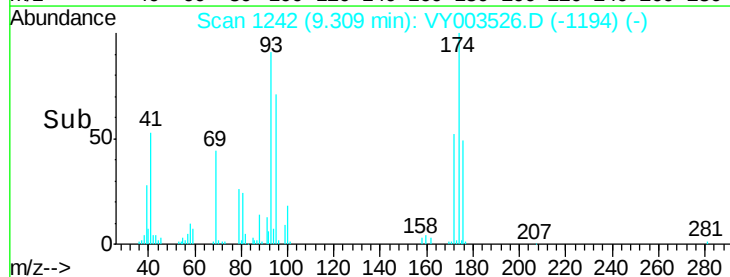
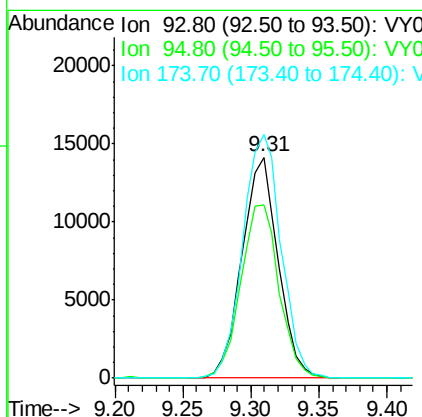
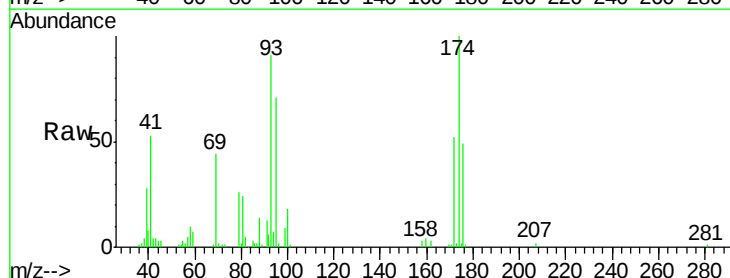
Manual Integrations
 APPROVED

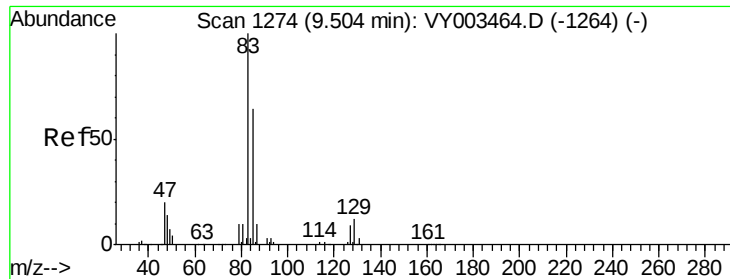
SAM
 11/13/2020 6:13:55 PM



#46
 Dibromomethane
 Concen: 22.776 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: VY003526.D
 Acq: 12 Nov 2020 11:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.0	65.0	97.6
174	117.2	91.8	137.6





#47

Bromodichloromethane

Concen: 23.635 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

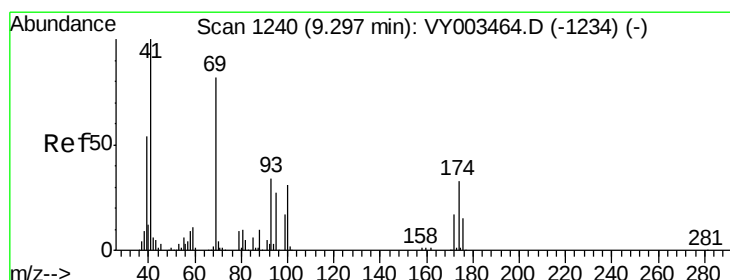
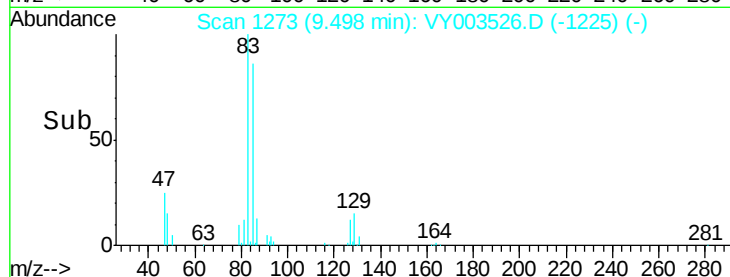
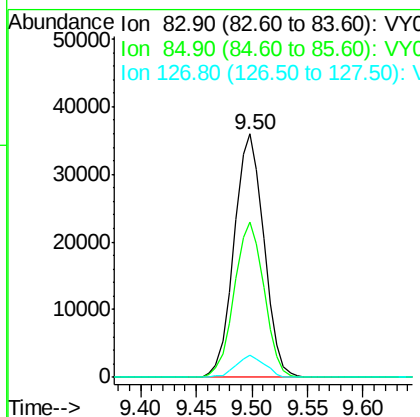
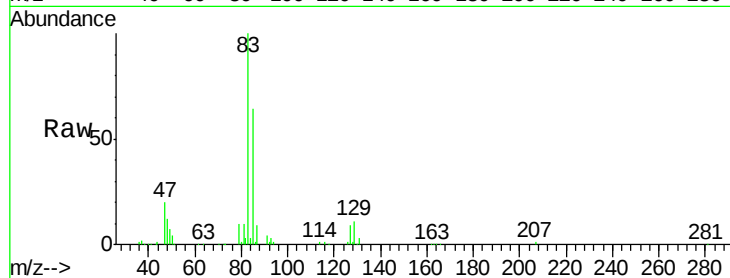
ClientSampleId :

VY1112SBS01

Tot Ion:	83	Resp:	66662
Ion Ratio	Lower	Upper	
83	100		
85	63.7	51.0	76.6
127	9.0	7.1	10.7

Manual Integrations
APPROVED

SAM
11/13/2020 6:13:55 PM



#48

Methyl methacrylate

Concen: 21.865 ug/l

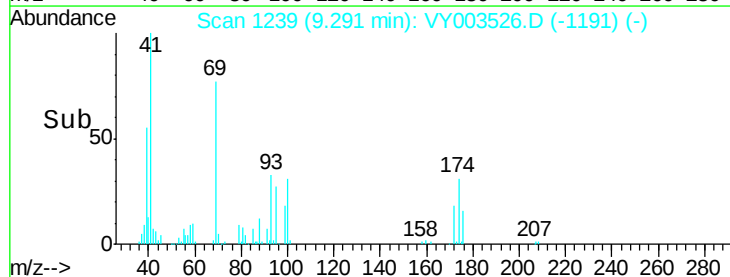
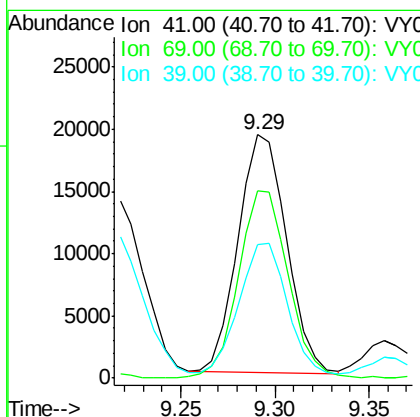
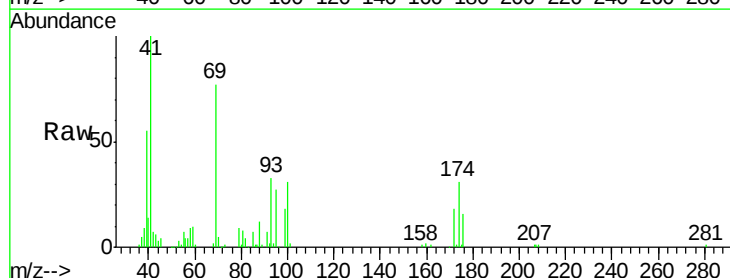
RT: 9.29 min Scan# 1239

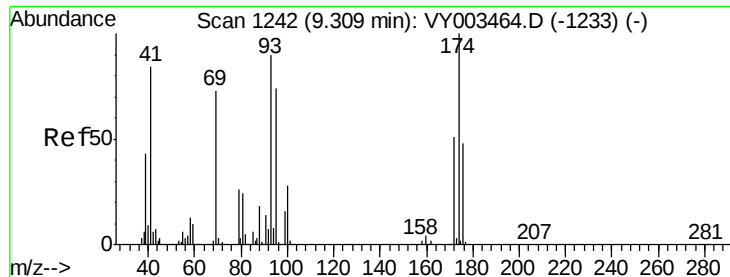
Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Tgt Ion:	41	Resp:	34258
Ion Ratio	Lower	Upper	
41	100		
69	80.6	65.9	98.9
39	58.5	43.2	64.8





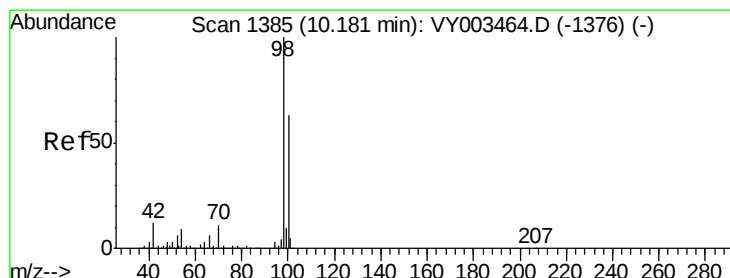
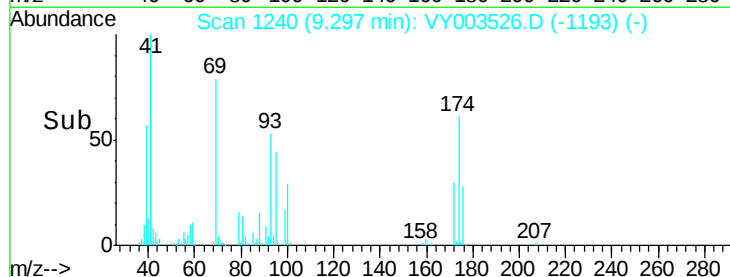
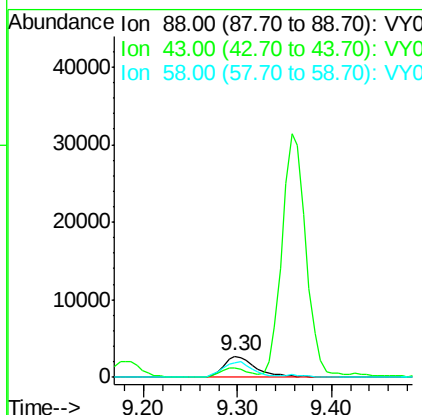
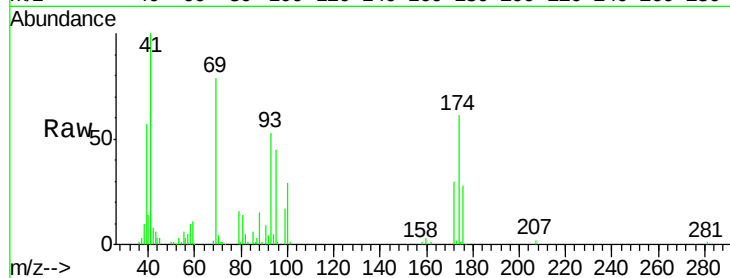
#49
1,4-Dioxane
Concen: 458.671 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.8	27.6	41.4
58	67.4	54.2	81.2

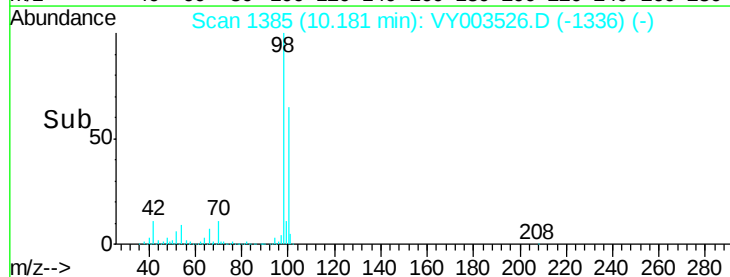
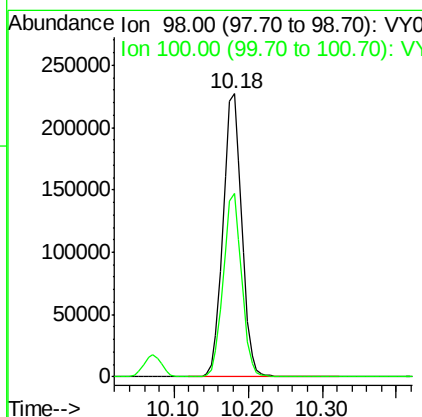
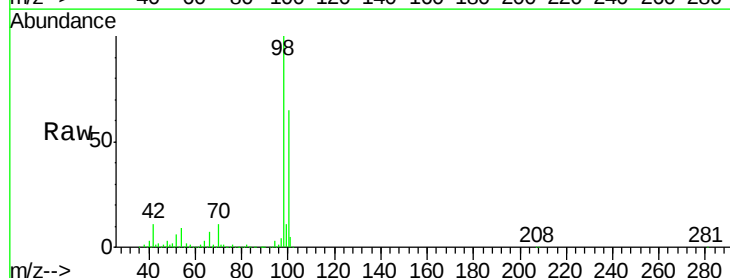
Manual Integrations
APPROVED

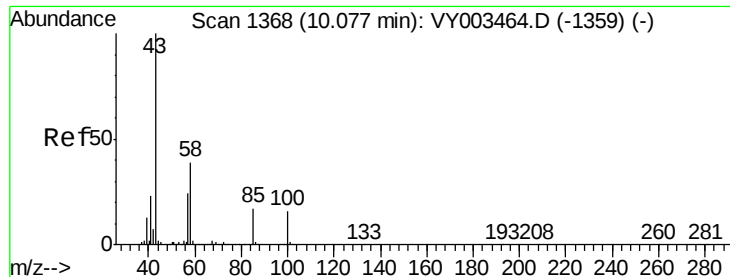
SAM
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#50
Toluene-d8
Concen: 49.772 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 111.770 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

Tot Ion: 43 Resp: 198068

Ion Ratio Lower Upper

43 100

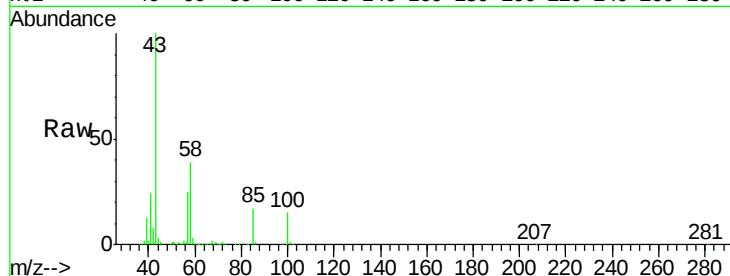
58 38.1 31.0 46.4

Manual Integrations

APPROVED

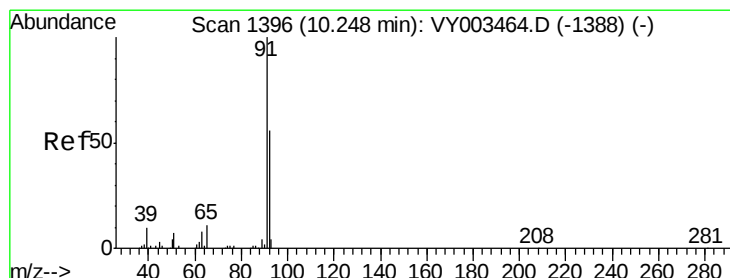
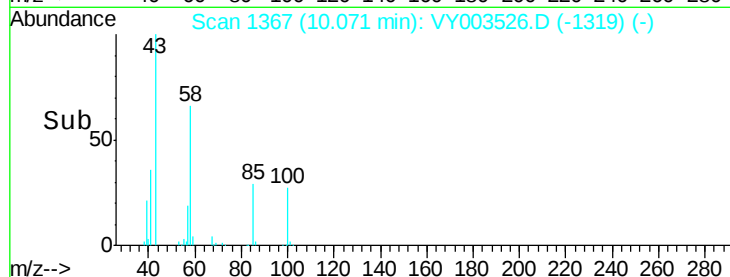
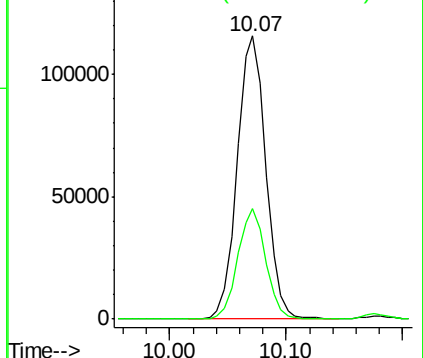
SAM

11/13/2020 6:13:55 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 22.718 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY003526.D

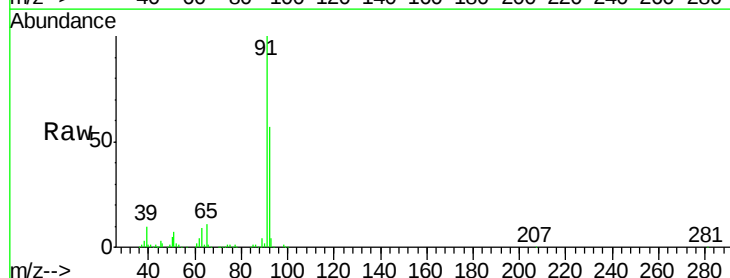
Acq: 12 Nov 2020 11:28

Tgt Ion: 92 Resp: 117855

Ion Ratio Lower Upper

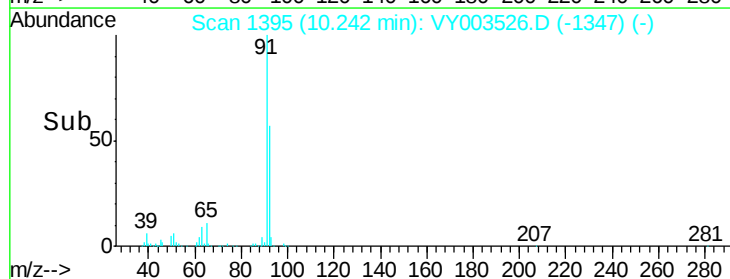
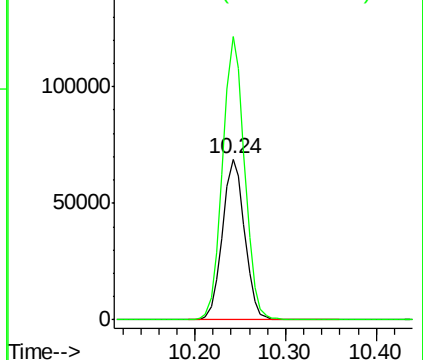
92 100

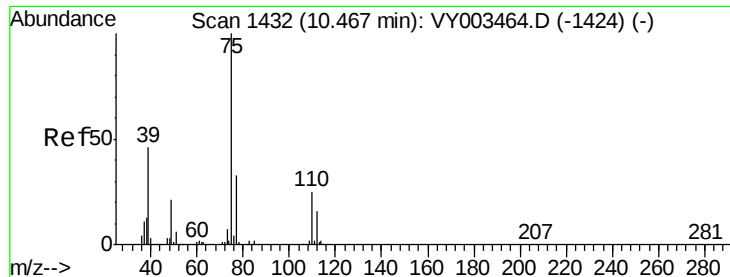
91 175.2 140.2 210.4



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: 22.852 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

Tot Ion: 75 Resp: 68592

Ion Ratio Lower Upper

75 100

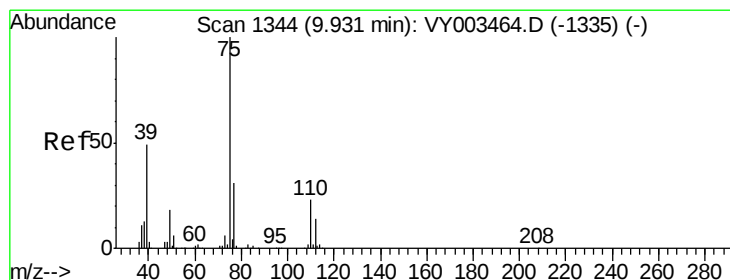
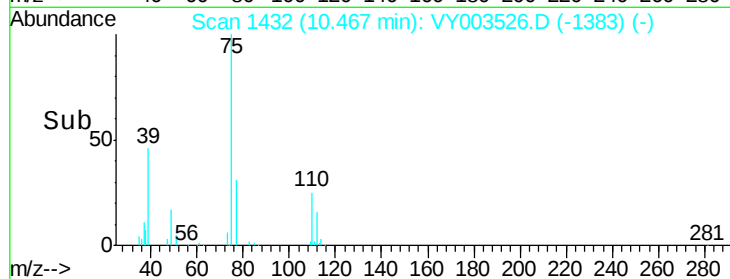
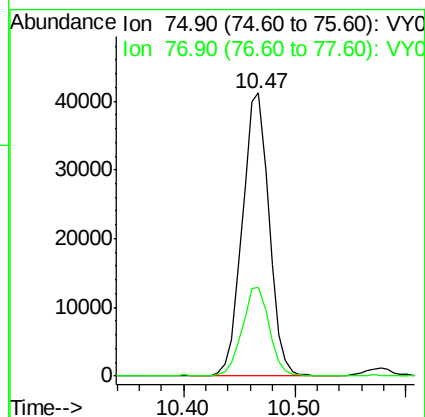
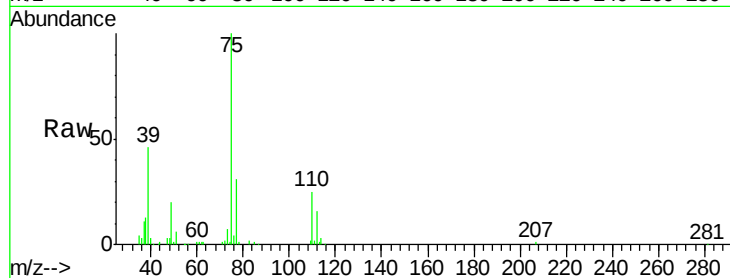
77 31.2 26.2 39.4

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 23.067 ug/l

RT: 9.92 min Scan# 1343

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

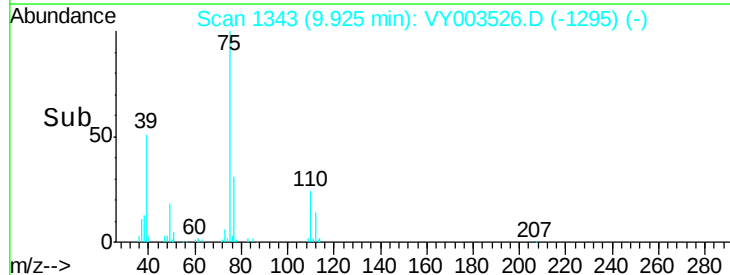
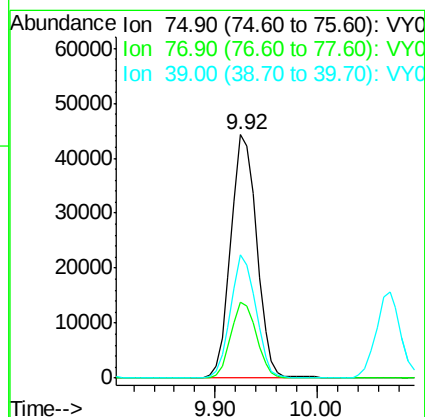
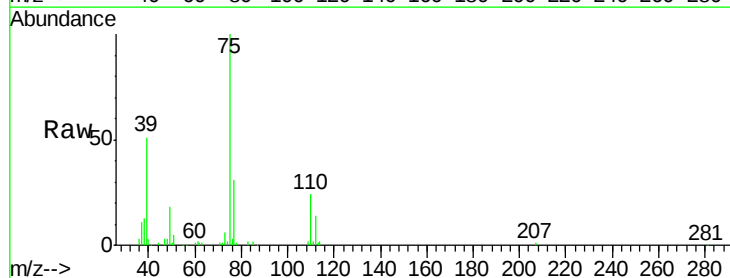
Tgt Ion: 75 Resp: 77913

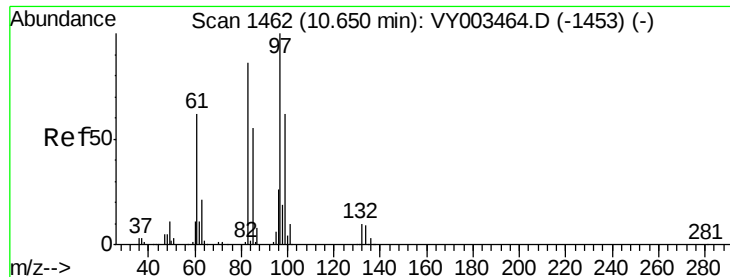
Ion Ratio Lower Upper

75 100

77 31.4 24.5 36.7

39 50.7 39.0 58.4





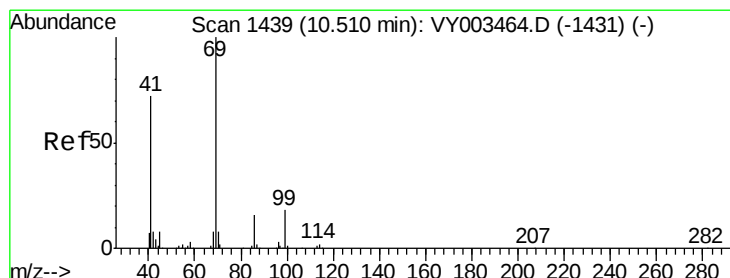
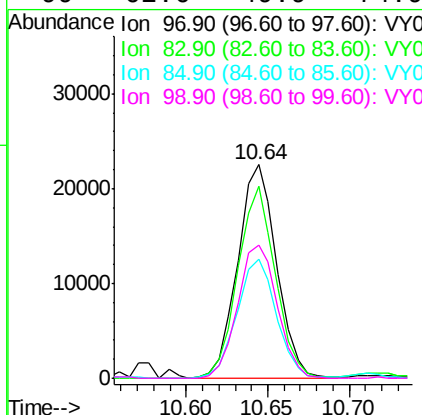
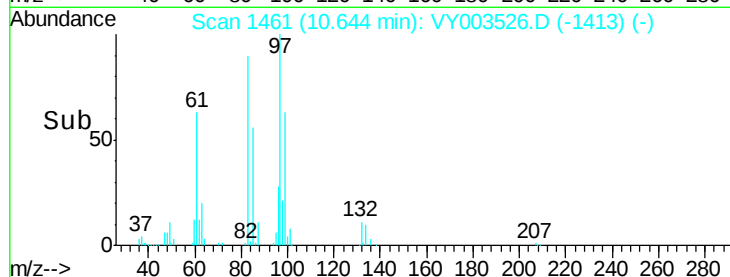
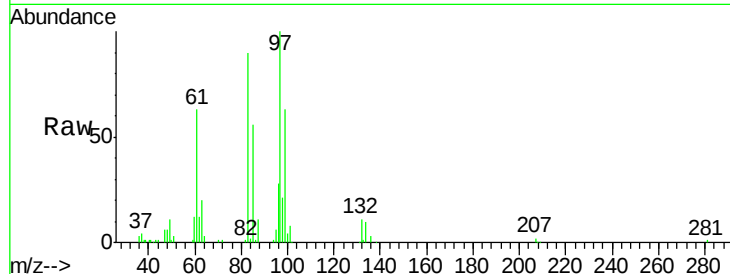
#55
 1,1,2-Trichloroethane
 Concen: 22.885 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.01 min
 Lab File: VY003526.D
 Acq: 12 Nov 2020 11:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1112SBSD01

Tot Ion:	97	Resp:	37435
Ion	Ratio	Lower	Upper
97	100		
83	90.1	68.6	102.8
85	55.7	43.8	65.6
99	62.6	49.9	74.9

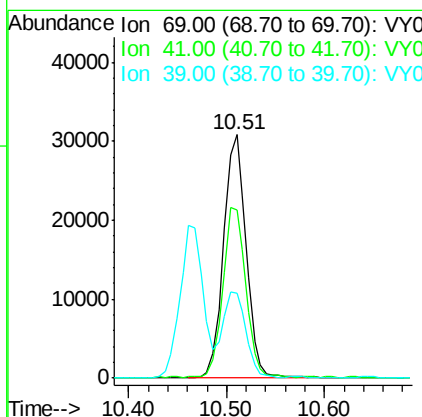
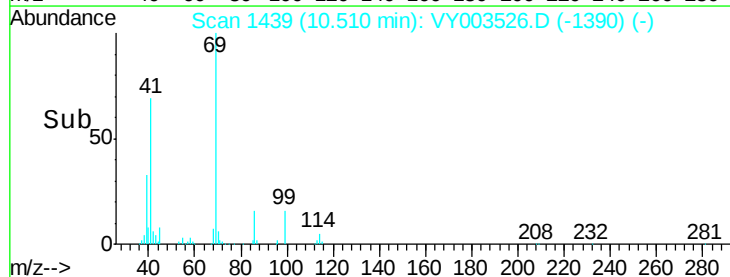
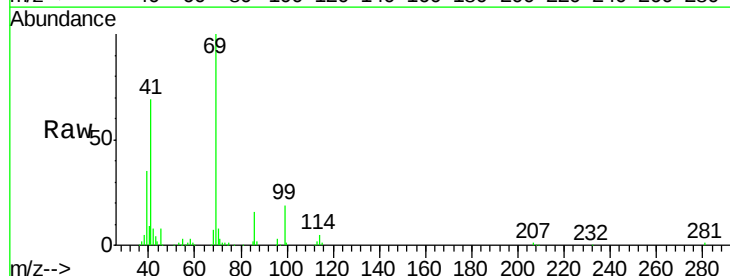
Manual Integrations
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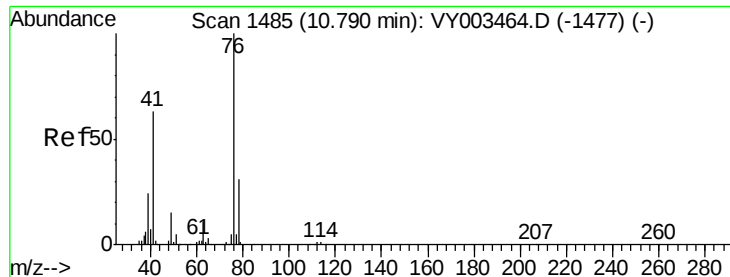
SAM
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#56
 Ethyl methacrylate
 Concen: 22.569 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY003526.D
 Acq: 12 Nov 2020 11:28

Tgt Ion:	69	Resp:	49450
Ion	Ratio	Lower	Upper
69	100		
41	70.1	55.4	83.2
39	36.0	28.7	43.1





#57

1,3-Dichloropropane

Concen: 22.833 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBSD01

Tot Ion: 76 Resp: 64947

Ion Ratio Lower Upper

76 100

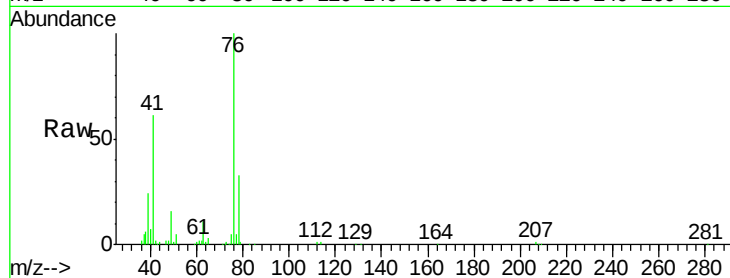
78 32.5 25.8 38.8

Manual Integrations

APPROVED

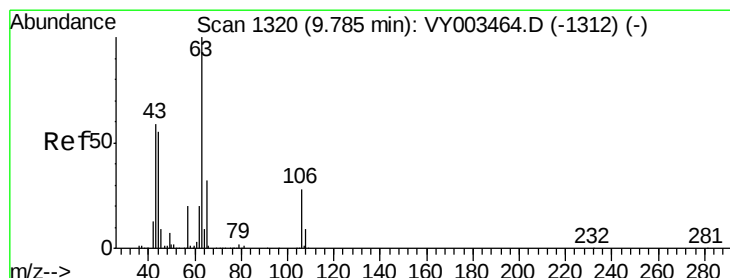
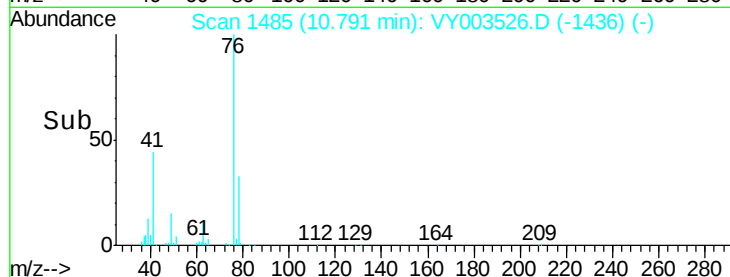
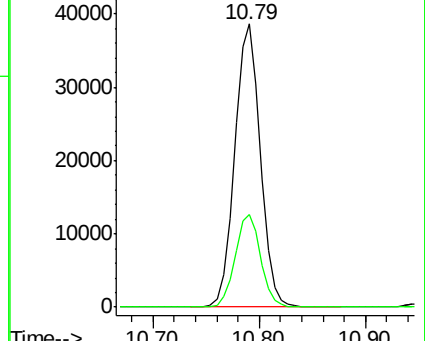
SAM

11/13/2020 6:13:55 PM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 117.110 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003526.D

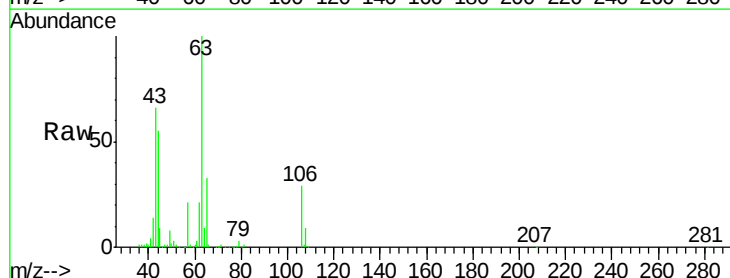
Acq: 12 Nov 2020 11:28

Tgt Ion: 63 Resp: 130079

Ion Ratio Lower Upper

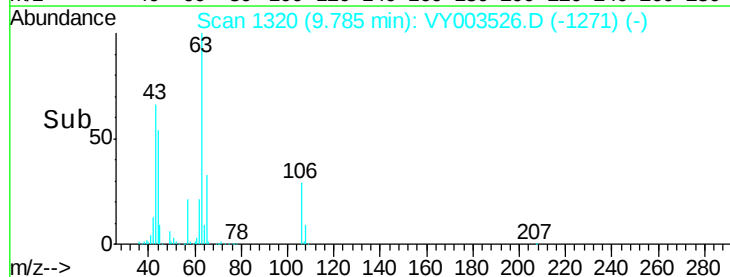
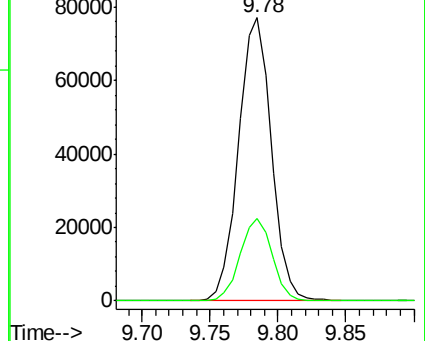
63 100

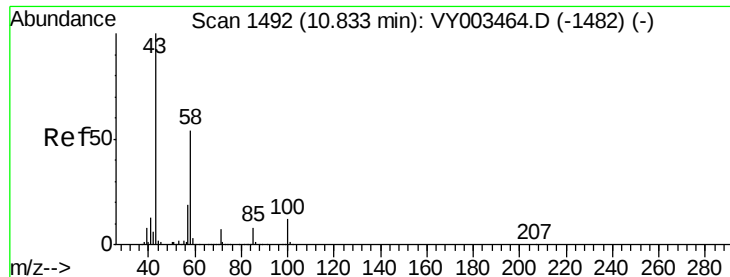
106 28.4 22.3 33.5



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





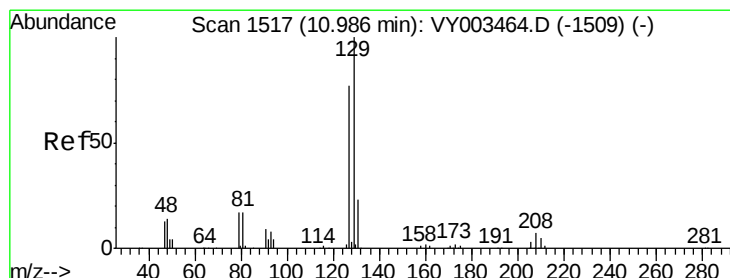
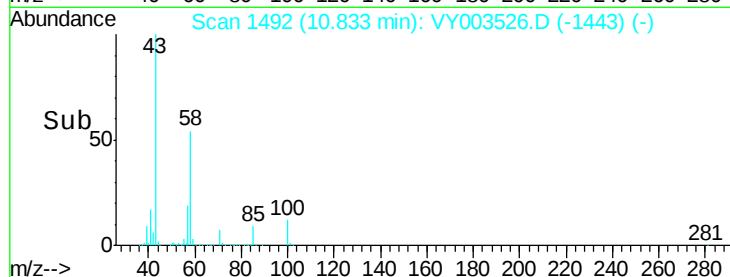
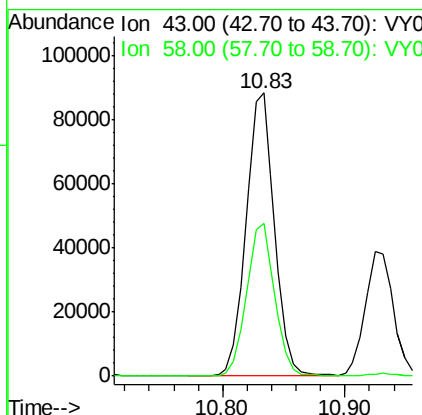
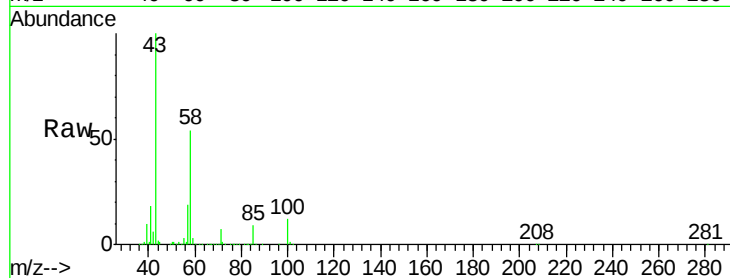
#59
2-Hexanone
Concen: 108.383 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

Tot Ion: 43 Resp: 142207
Ion Ratio Lower Upper
43 100
58 53.5 26.8 80.3

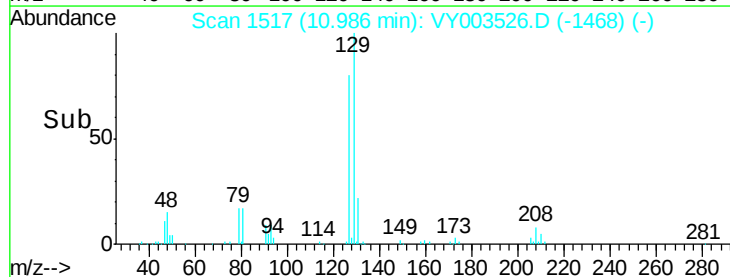
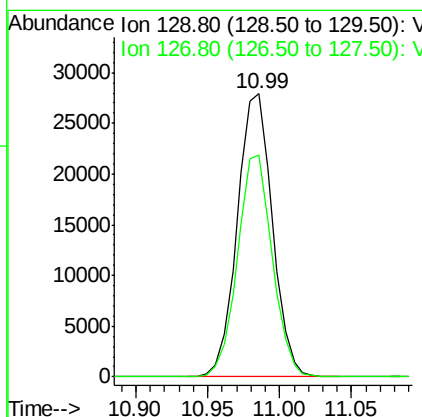
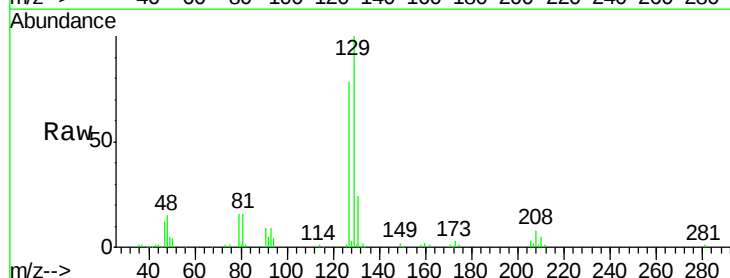
Manual Integrations
APPROVED

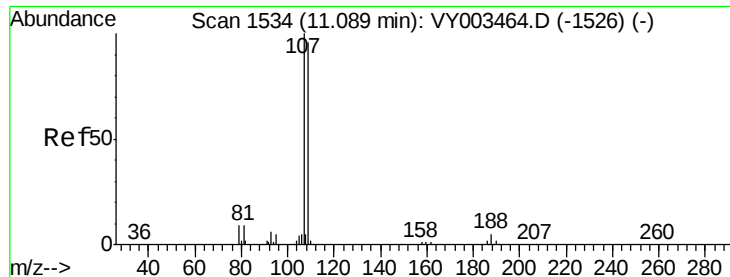
SAM
11/13/2020 6:13:55 PM



#60
Dibromochloromethane
Concen: 23.476 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion: 129 Resp: 47199
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.3





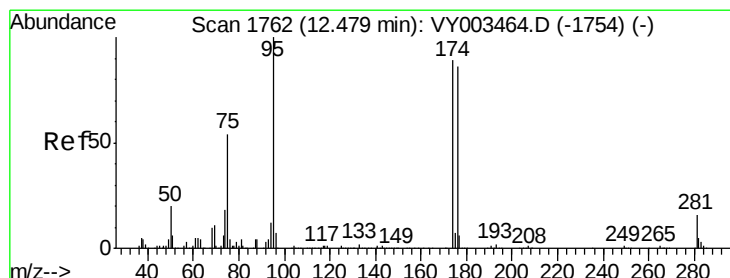
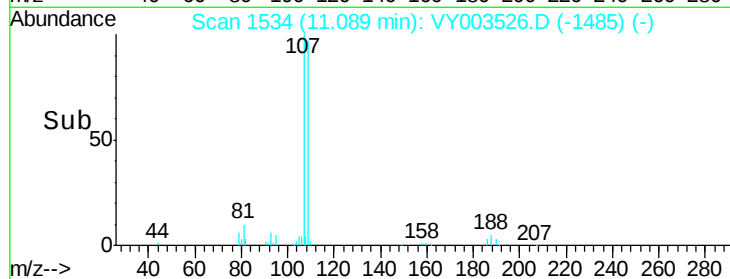
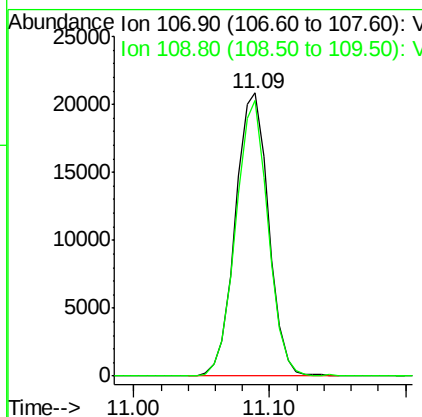
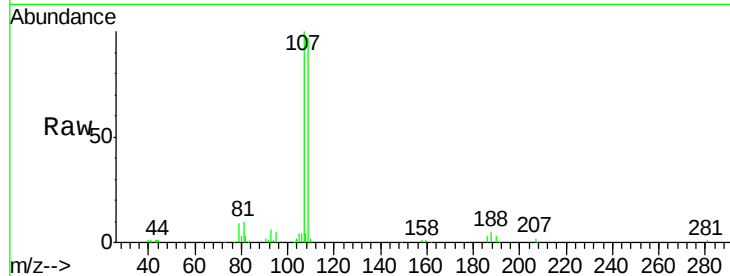
#61
 1,2-Dibromoethane
 Concen: 22.423 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. 0.00 min
 Lab File: VY003526.D
 Acq: 12 Nov 2020 11:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1112SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.0	76.5	114.7

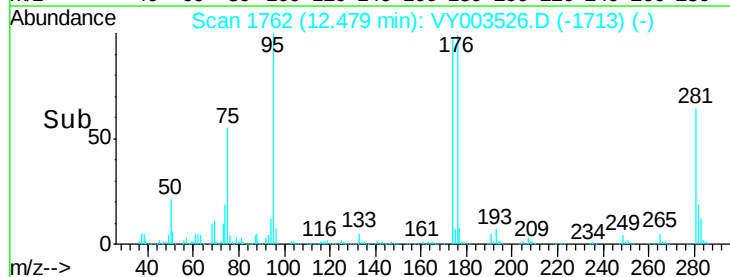
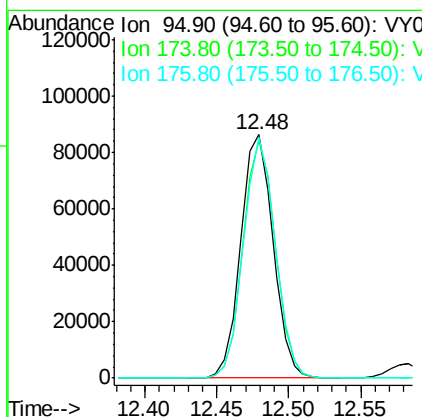
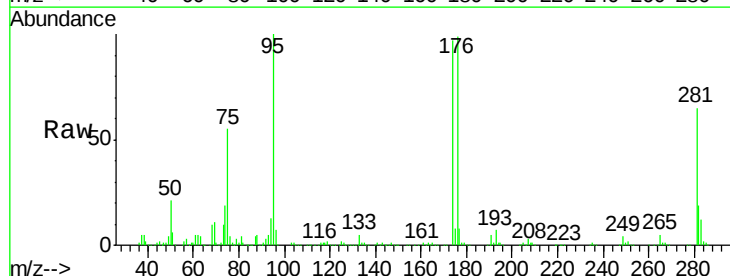
Manual Integrations
 APPROVED

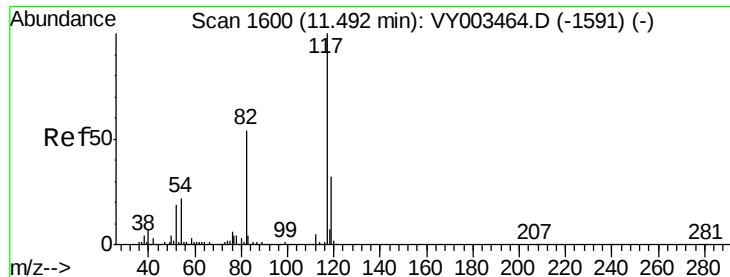
SAM
 11/13/2020 6:13:55 PM



#62
 4-Bromofluorobenzene
 Concen: 50.838 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY003526.D
 Acq: 12 Nov 2020 11:28

Tgt Ion	Ratio	Lower	Upper
95	100		
174	97.0	0.0	193.0
176	96.6	0.0	187.4





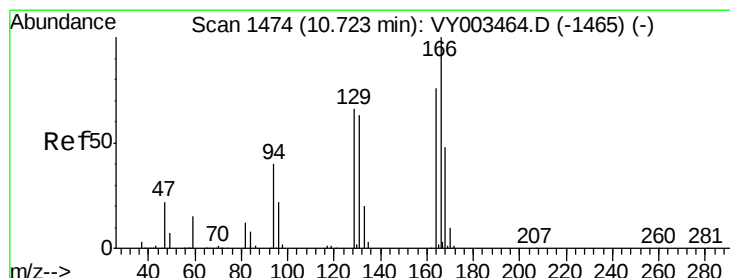
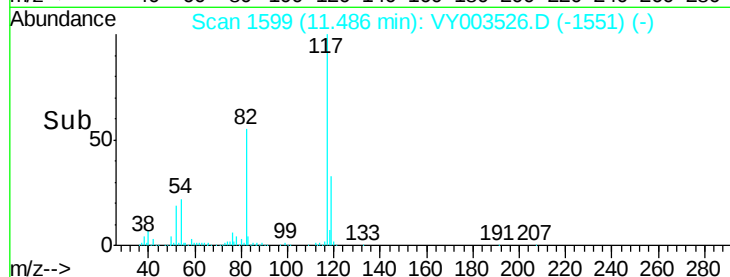
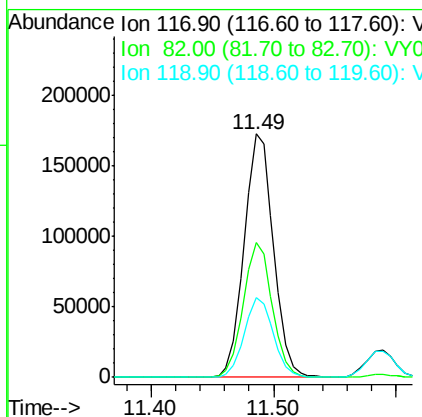
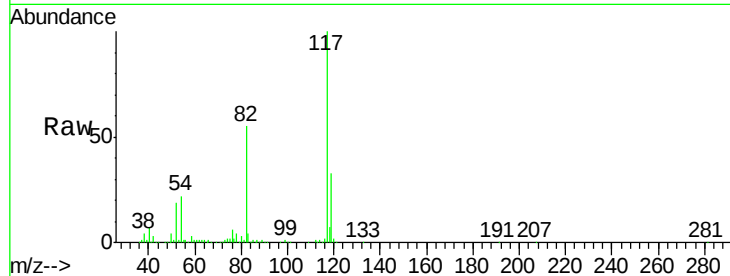
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	287922		
82	55.3	43.4	65.2	
119	32.8	25.8	38.6	

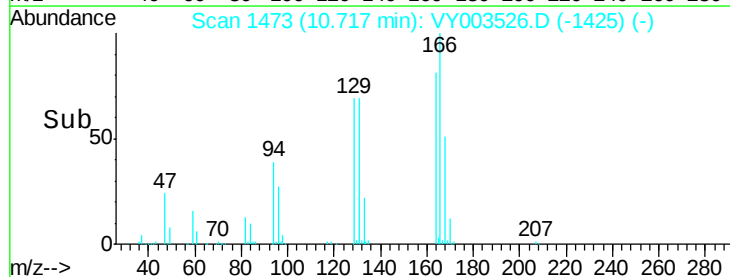
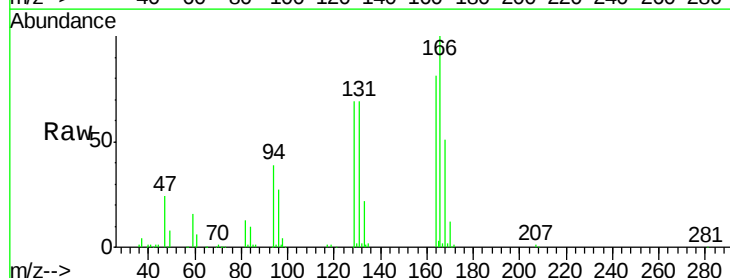
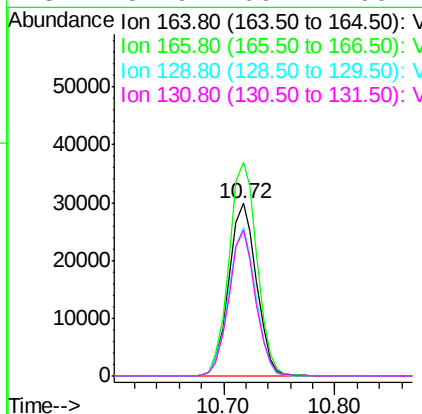
Manual Integrations
APPROVED

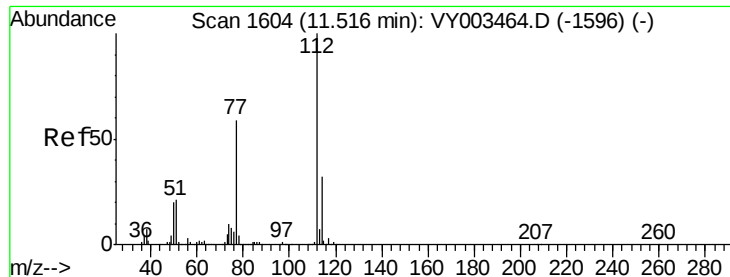
SAM
11/13/2020 6:13:55 PM



#64
Tetrachloroethene
Concen: 23.907 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	51405		
166	123.8	104.9	157.3	
129	86.0	68.9	103.3	
131	84.9	66.2	99.2	





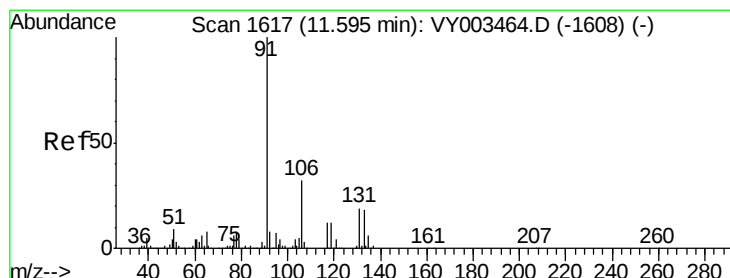
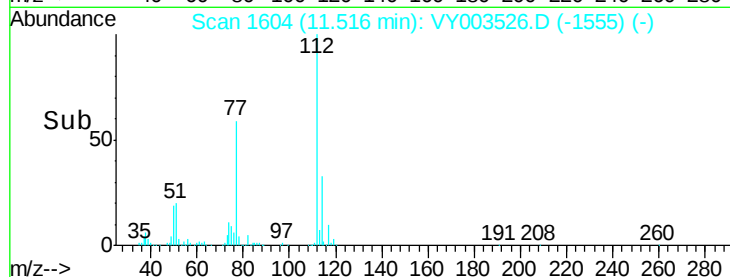
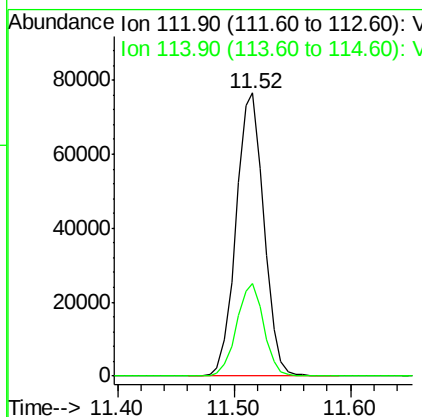
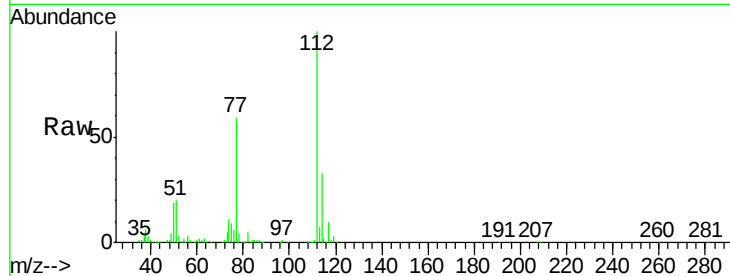
#65
Chlorobenzene
Concen: 22.795 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.8	25.5	38.3

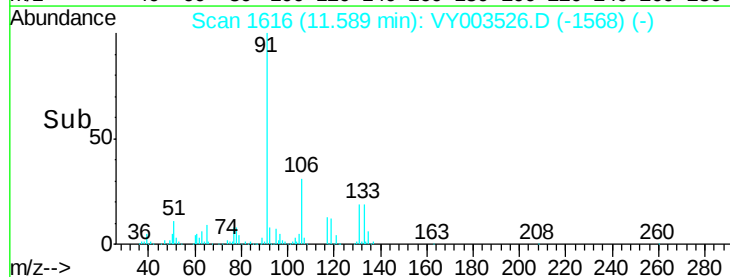
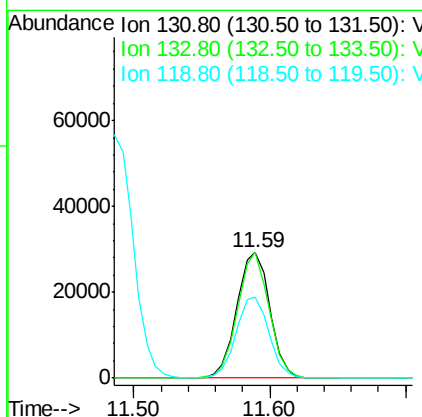
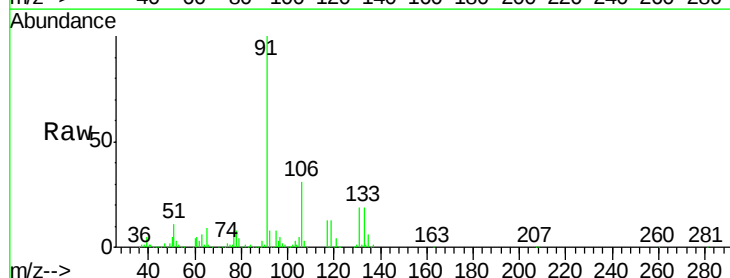
Manual Integrations
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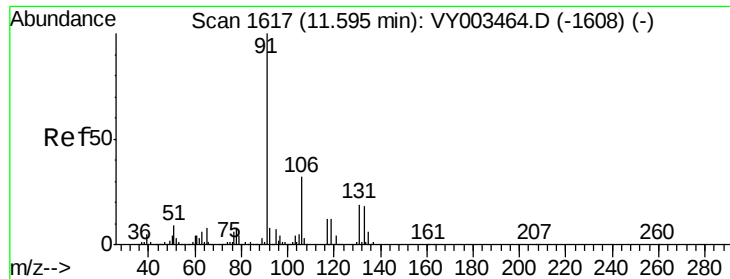
SAM
11/13/2020 6:13:55 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 23.425 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.4	142.2
119	64.5	31.6	95.0





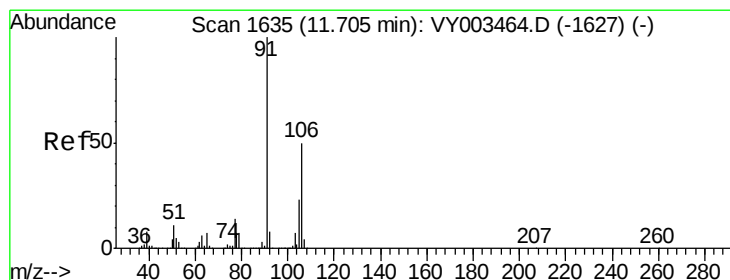
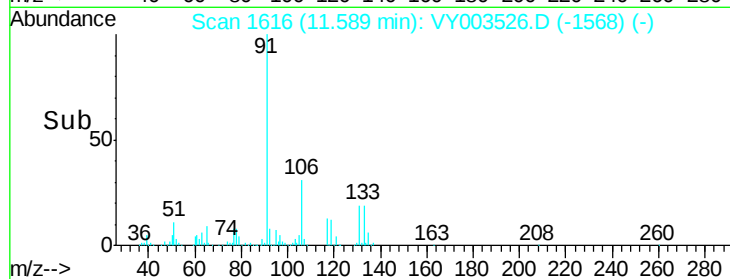
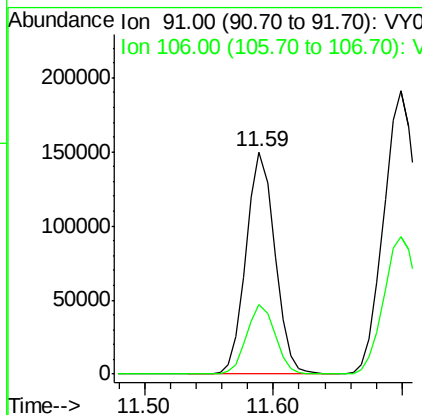
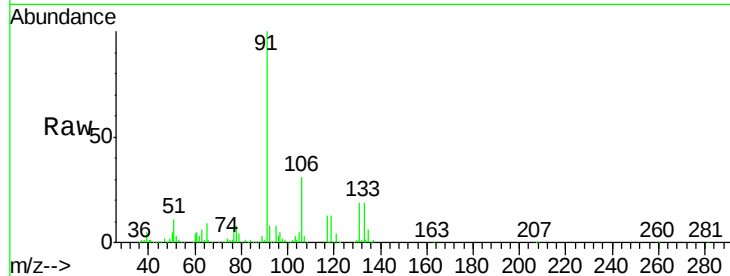
#67
Ethyl Benzene
Concen: 22.866 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

Tot Ion: 91 Resp: 231927
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.0

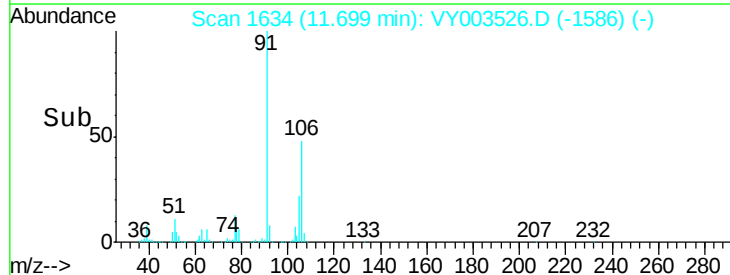
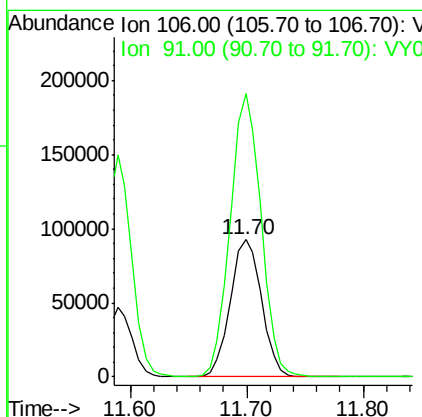
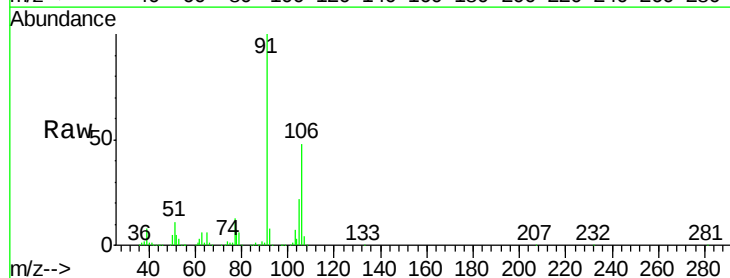
Manual Integrations
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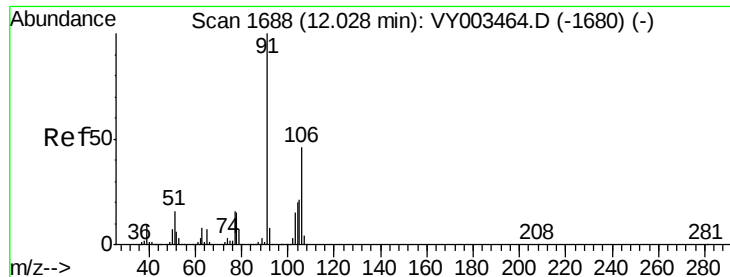
SAM
11/13/2020 6:13:55 PM



#68
m/p-Xylenes
Concen: 45.085 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion: 106 Resp: 173292
Ion Ratio Lower Upper
106 100
91 203.6 161.0 241.6





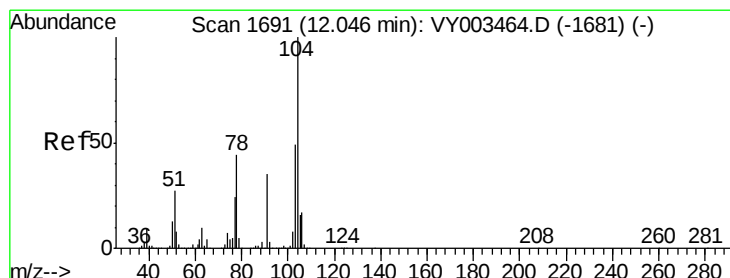
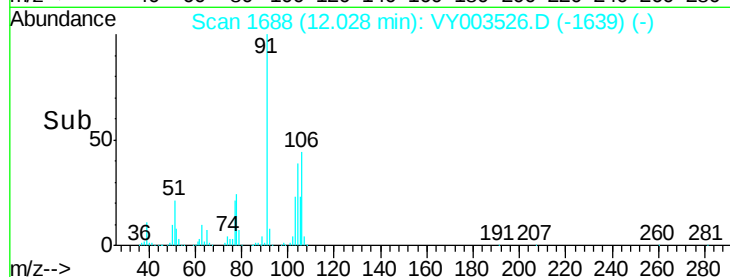
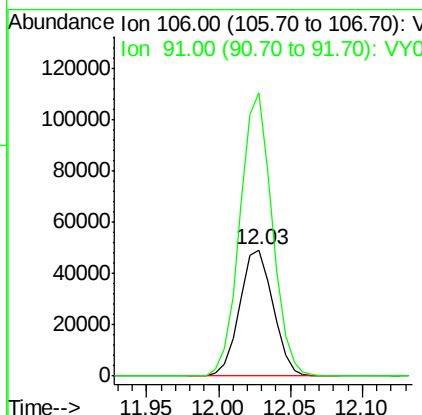
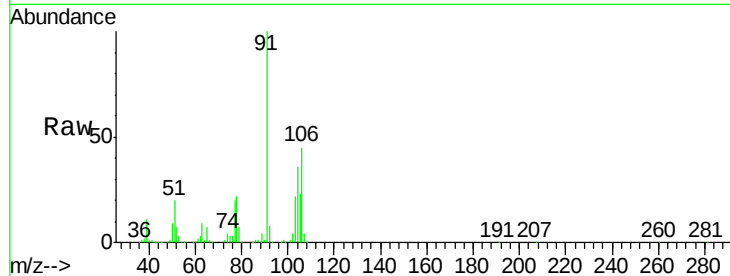
#69
o-Xylene
Concen: 22.540 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. 0.00 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

Tot Ion:106 Resp: 79696
Ion Ratio Lower Upper
106 100
91 215.3 105.5 316.5

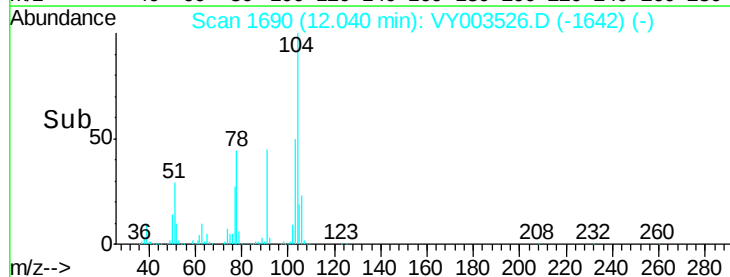
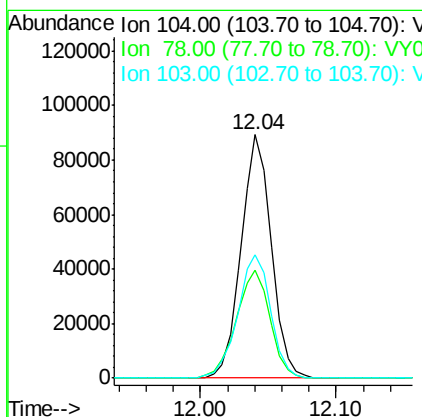
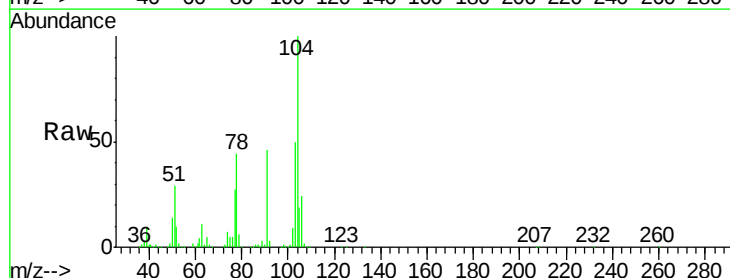
Manual Integrations
APPROVED

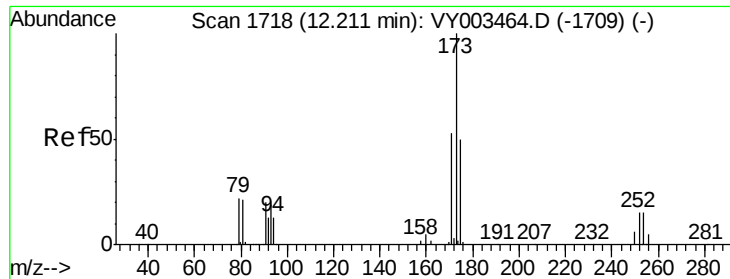
SAM
11/13/2020 6:13:55 PM



#70
Styrene
Concen: 23.077 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion:104 Resp: 138539
Ion Ratio Lower Upper
104 100
78 49.4 39.5 59.3
103 55.1 44.2 66.2





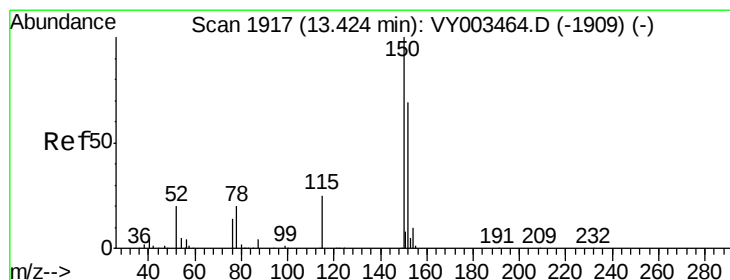
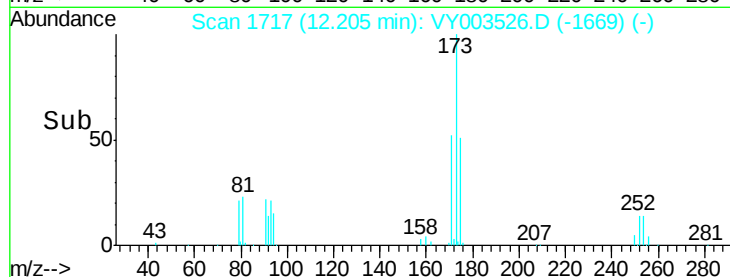
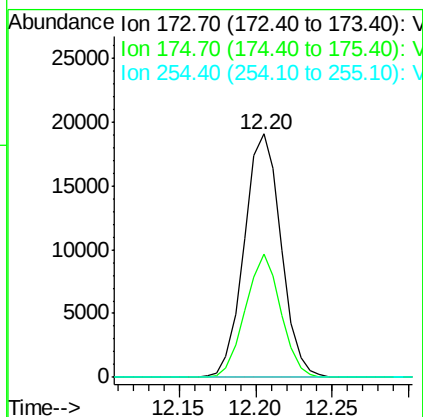
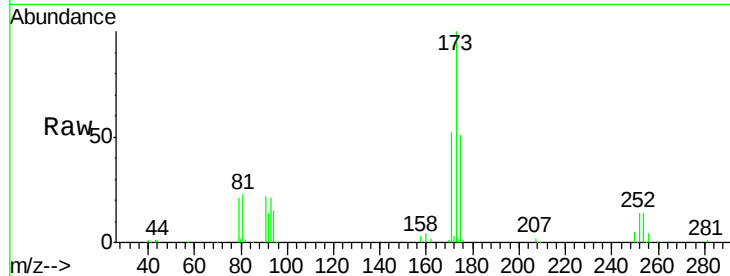
#71
Bromoform
Concen: 22.715 ug/l
RT: 12.20 min Scan# 1717
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBSD01

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

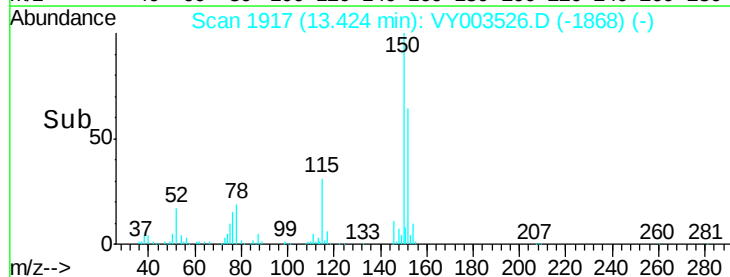
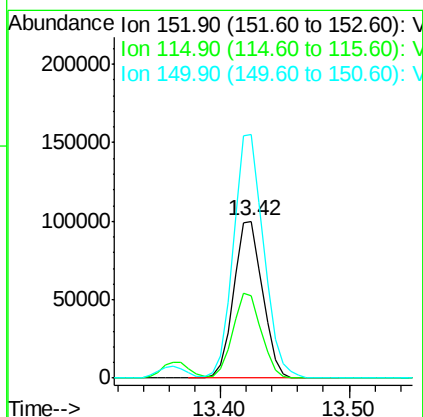
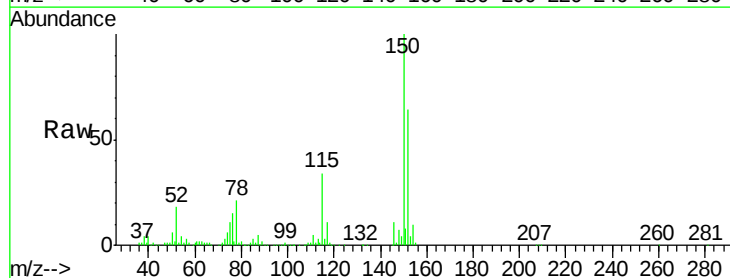
Manual Integrations
APPROVED

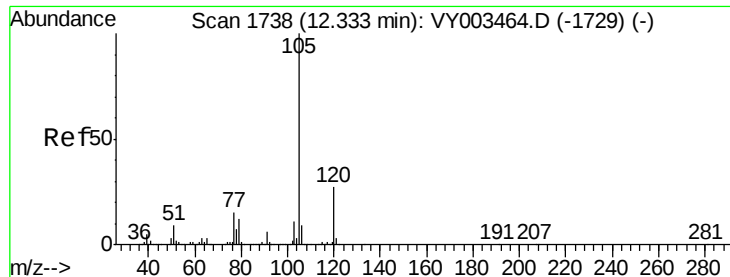
SAM
11/13/2020 6:13:55 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. 0.00 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.8	27.5	82.4
150	162.6	0.0	345.8





#73

Isopropylbenzene

Concen: 22.030 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

Tot Ion: 105 Resp: 223835

Ion Ratio Lower Upper

105 100

120 27.0

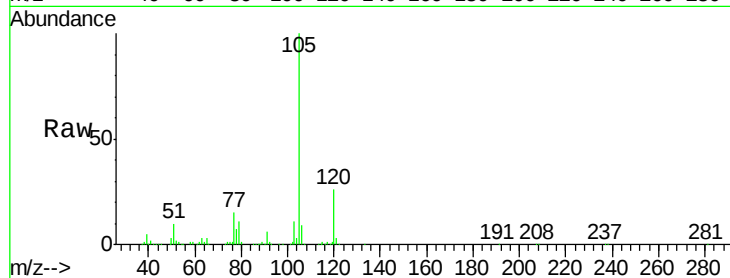
13.5 40.5

Manual Integrations

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SAM

11/13/2020 6:13:55 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.33

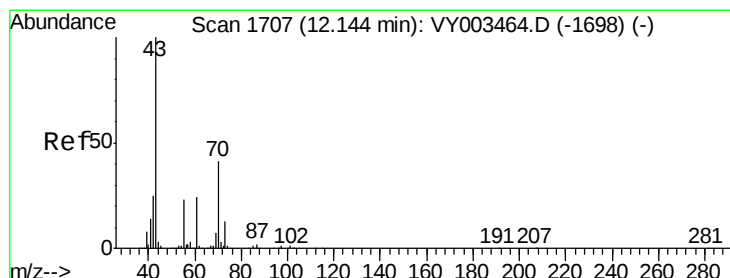
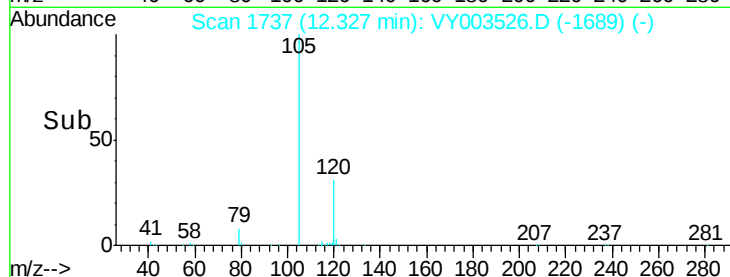
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 21.989 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Tgt Ion: 43 Resp: 63285

Ion Ratio Lower Upper

43 100

70 40.9 33.1 49.7

55 24.8 19.2 28.8

61 23.5 19.0 28.6

Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

12.14

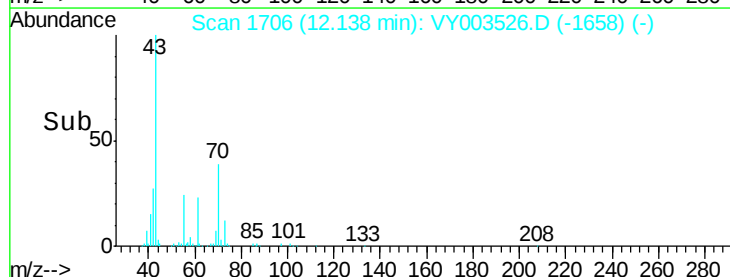
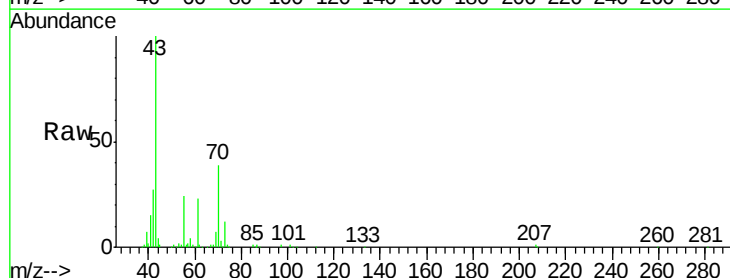
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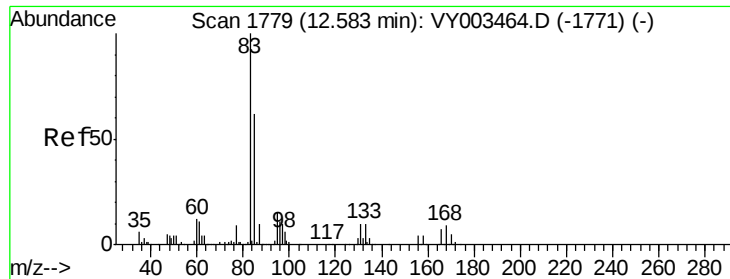
40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.421 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

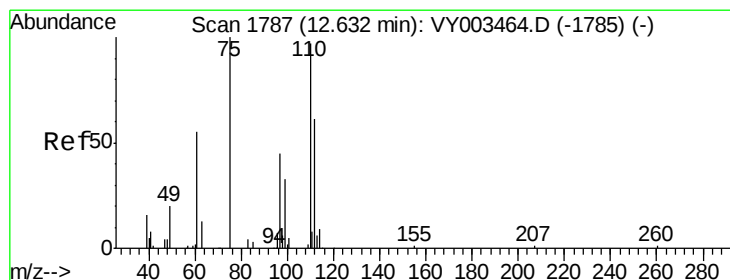
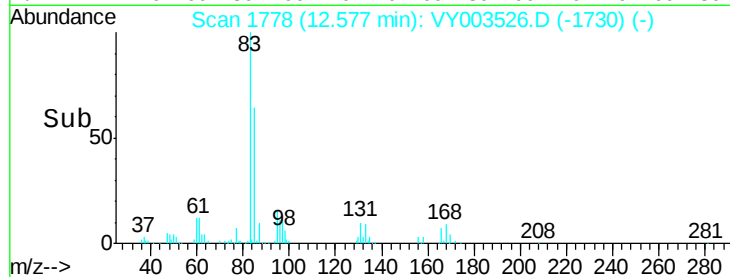
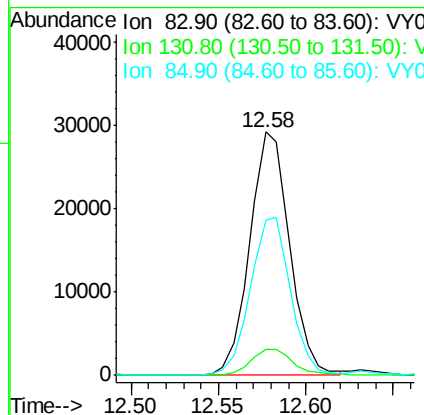
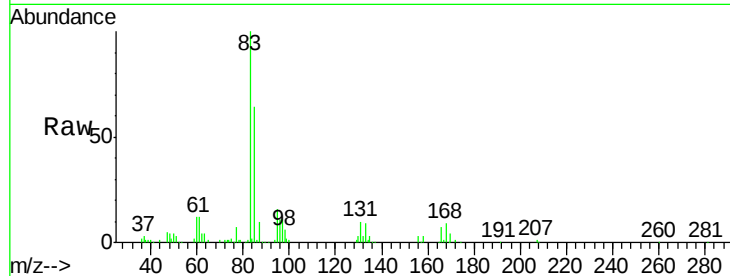
ClientSampleId :

VY1112SBSD01

Tot Ion:	83	Resp:	46487
Ion Ratio	Lower	Upper	
83	100		
131	11.2	5.4	16.2
85	65.4	32.0	96.2

Manual Integrations
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SAM
11/13/2020 6:13:55 PM



#76

1,2,3-Trichloropropane

Concen: 22.813 ug/l m

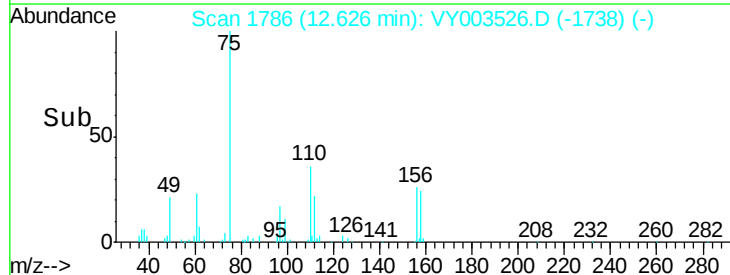
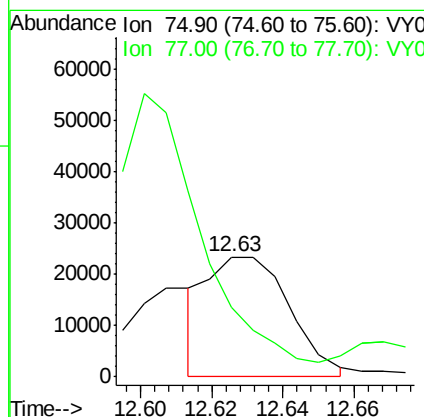
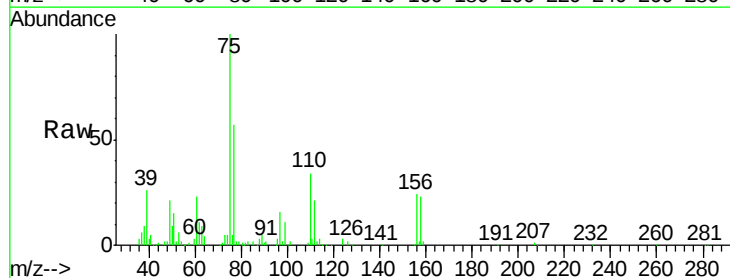
RT: 12.63 min Scan# 1786

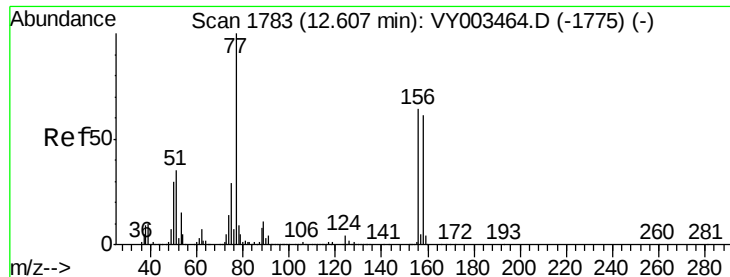
Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Tgt Ion:	75	Resp:	37544
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 22.473 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

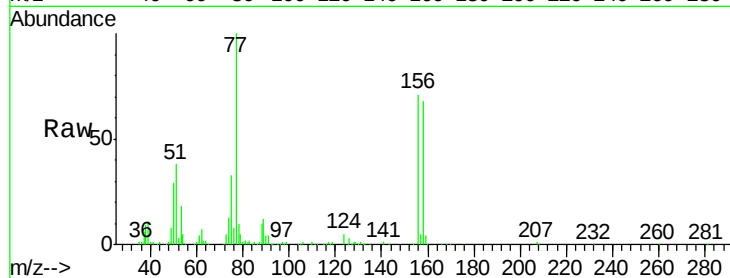
VY1112SBSD01

Tot Ion:	156	Resp:	58013
Ion Ratio	Lower	Upper	
156	100		
77	172.1	87.0	260.9
158	96.6	48.7	146.1

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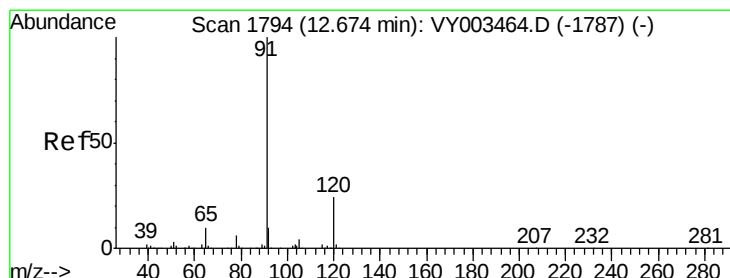
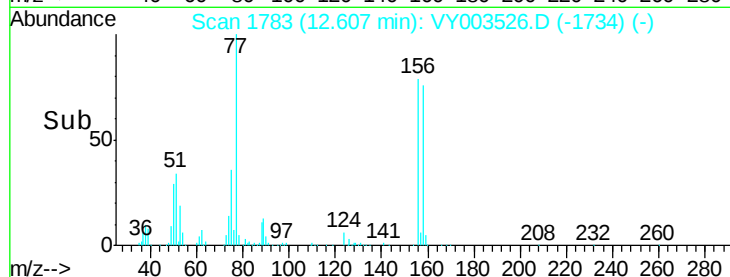
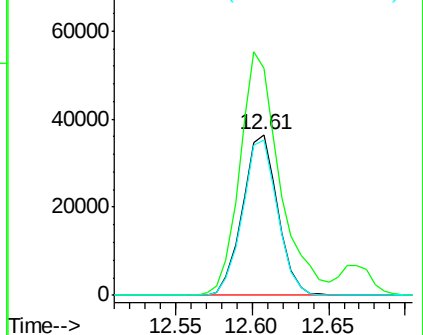
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 22.085 ug/l

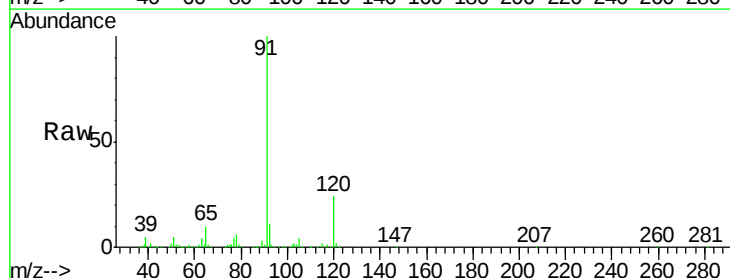
RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

Lab File: VY003526.D

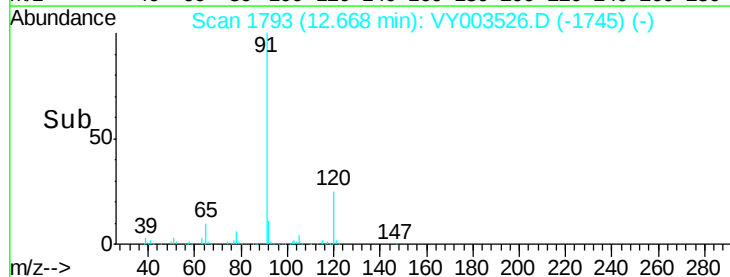
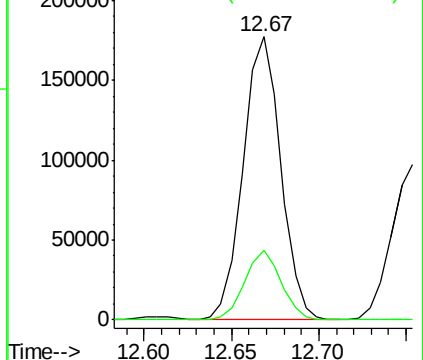
Acq: 12 Nov 2020 11:28

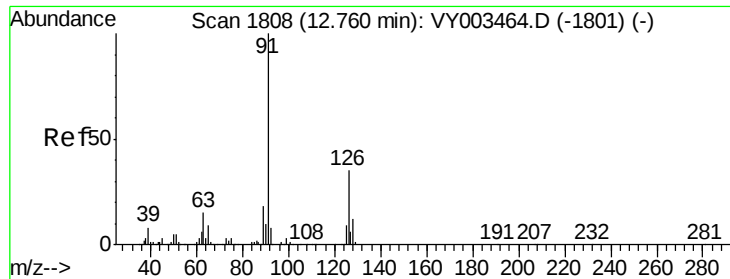
Tgt Ion:	91	Resp:	264311
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.7	35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.170 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

Tot Ion: 91 Resp: 148233

Ion Ratio Lower Upper

91 100

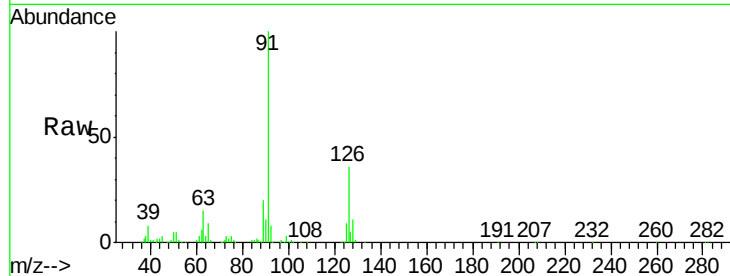
126 35.7 17.8 53.3

Manual Integrations

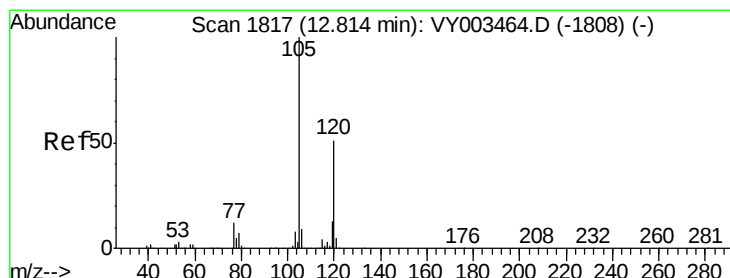
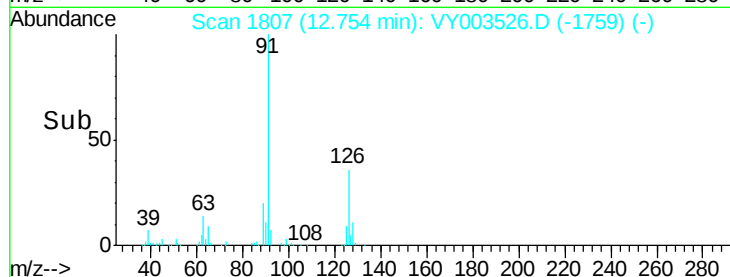
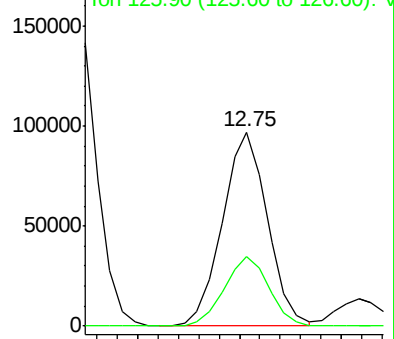
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Abundance Ion 91.00 (90.70 to 91.70): VY003464.D (-1801) (-)



#80

1,3,5-Trimethylbenzene

Concen: 22.557 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. -0.01 min

Lab File: VY003526.D

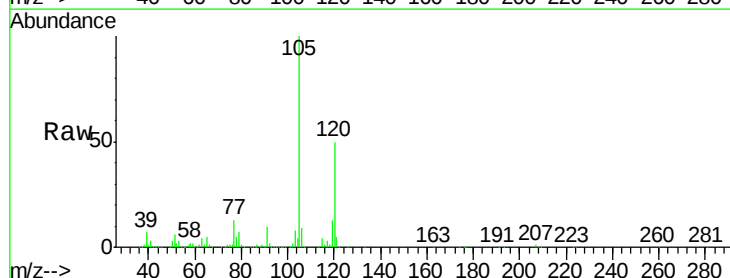
Acq: 12 Nov 2020 11:28

Tgt Ion: 105 Resp: 189890

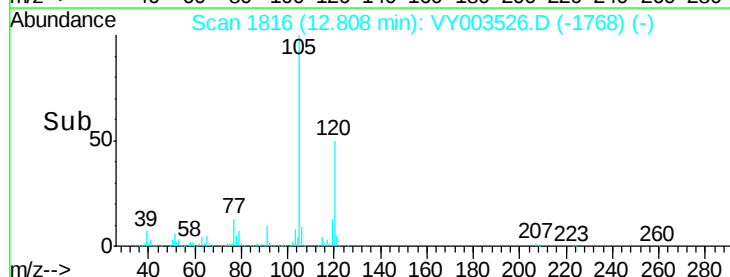
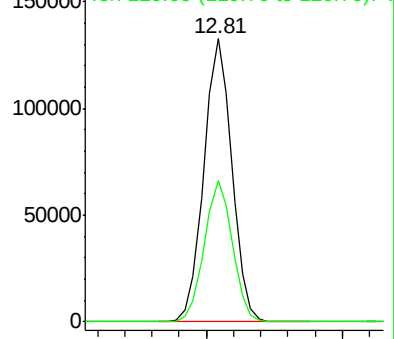
Ion Ratio Lower Upper

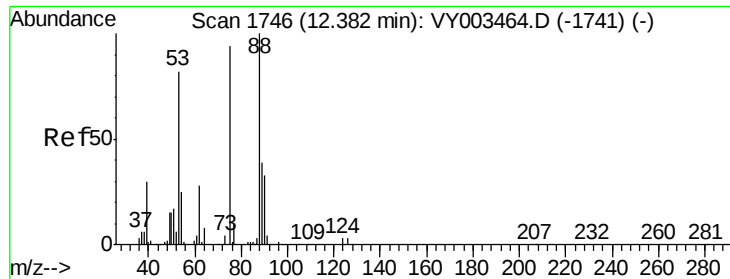
105 100

120 50.0 25.3 75.9



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





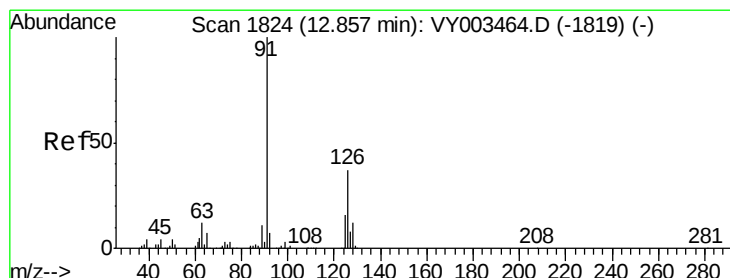
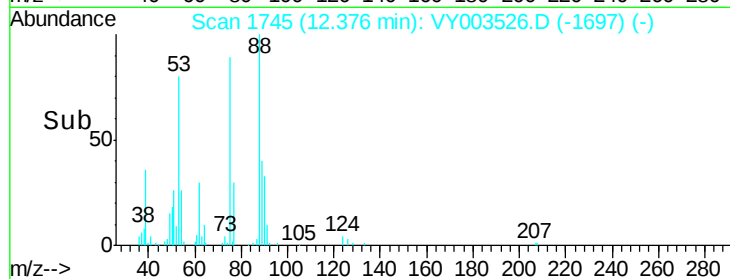
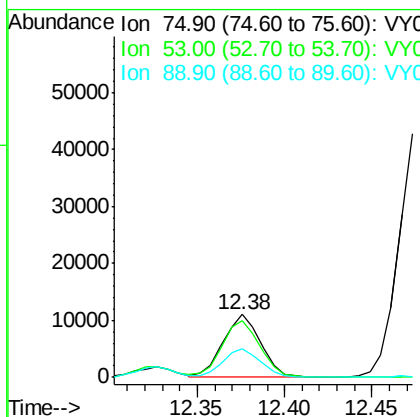
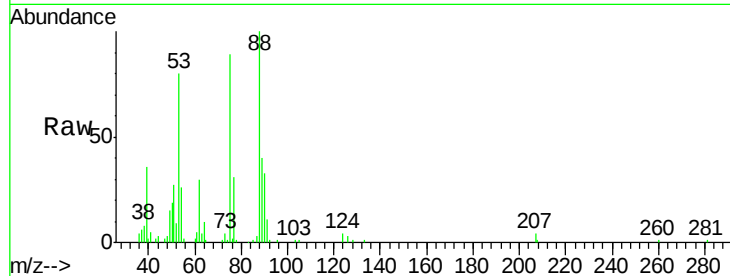
#81
trans-1,4-Dichloro-2-butene
Concen: 20.931 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.2	74.7	112.1
89	45.8	35.8	53.8

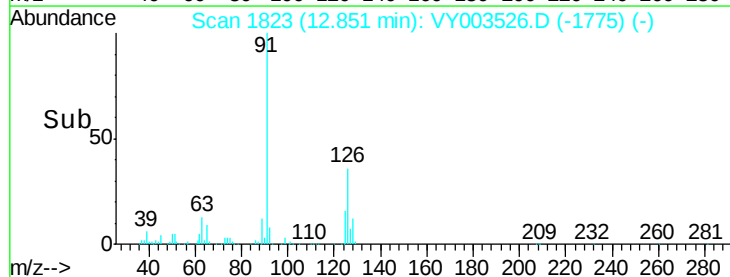
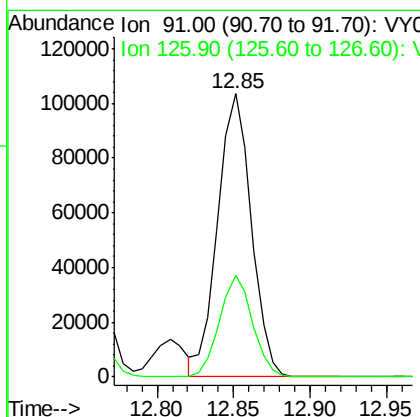
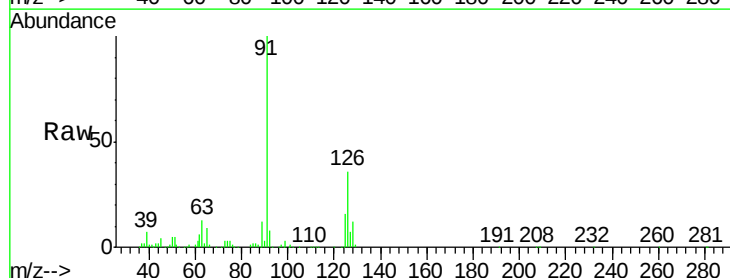
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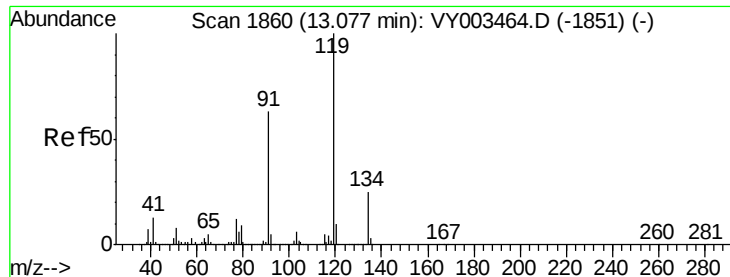
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#82
4-Chlorotoluene
Concen: 22.555 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.3	17.6	52.8





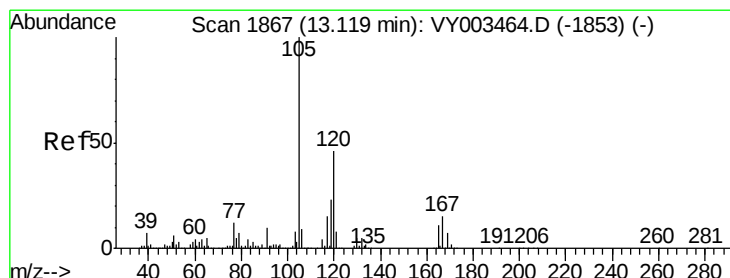
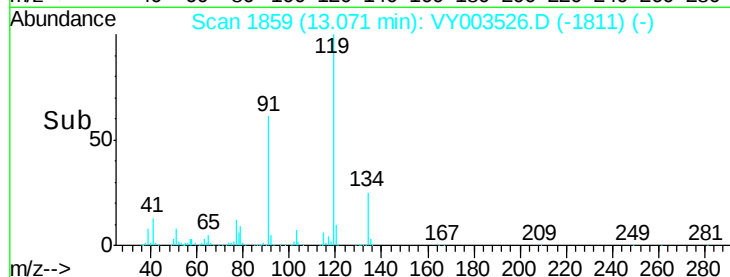
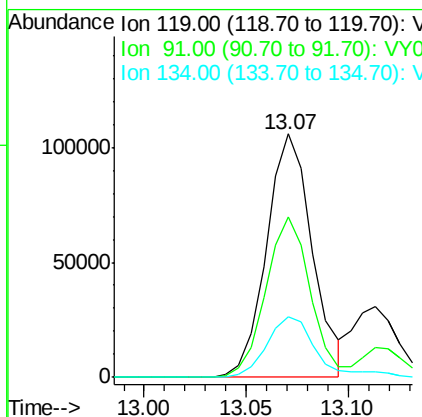
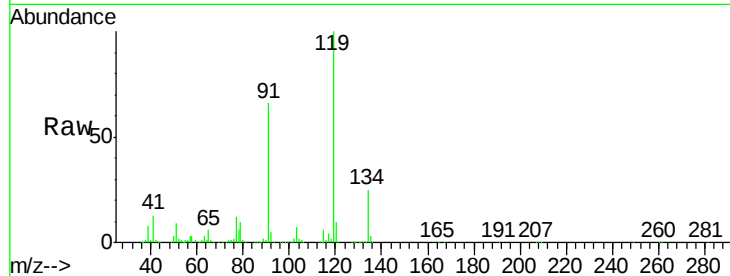
#83
tert-Butylbenzene
Concen: 22.171 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	165533		
91	64.7	31.1	93.2	
134	27.2	13.4	40.1	

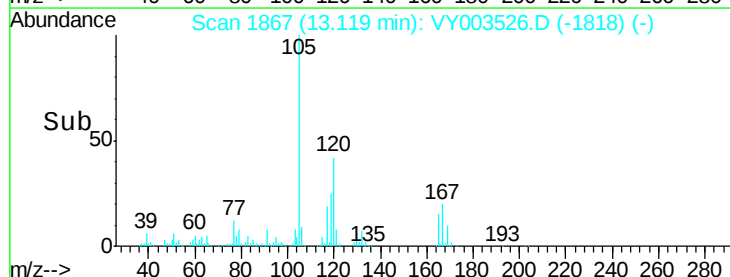
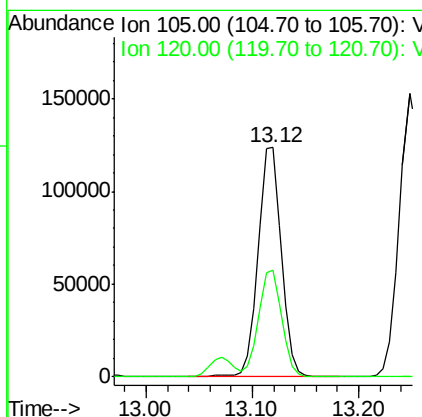
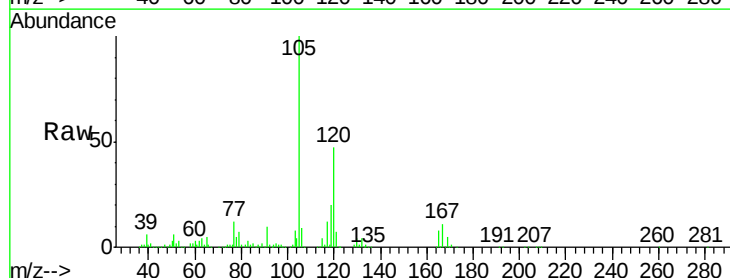
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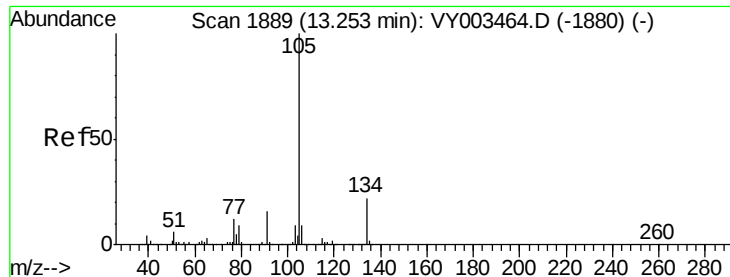
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#84
1,2,4-Trimethylbenzene
Concen: 22.585 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	190016		
120	46.4	22.9	68.8	





#85

sec-Butylbenzene

Concen: 22.420 ug/l

RT: 13.25 min Scan# 1888

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY1112SBS01

Tot Ion:105 Resp: 226652

Ion Ratio Lower Upper

105 100

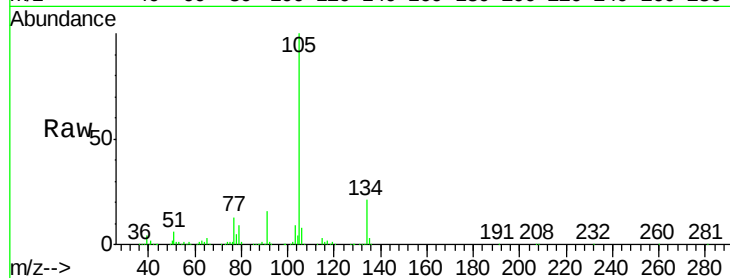
134 21.5 10.6 31.8

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

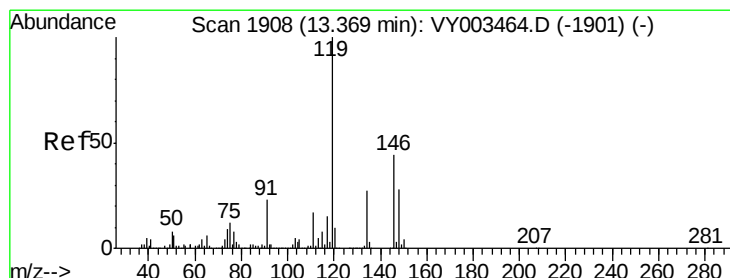
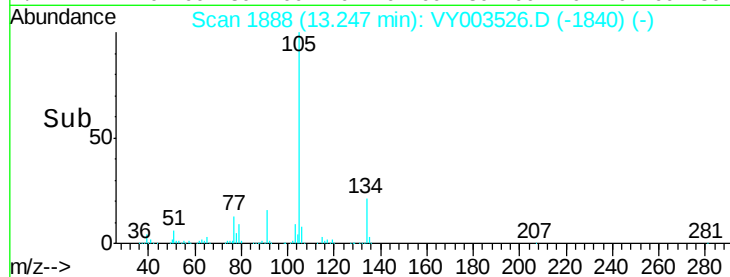
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 22.421 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

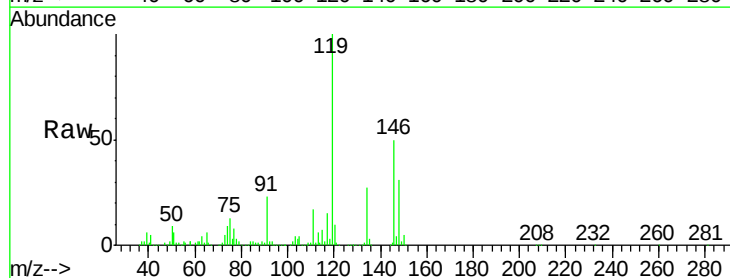
Tgt Ion:119 Resp: 210210

Ion Ratio Lower Upper

119 100

134 27.5 13.6 40.7

91 22.7 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

200000

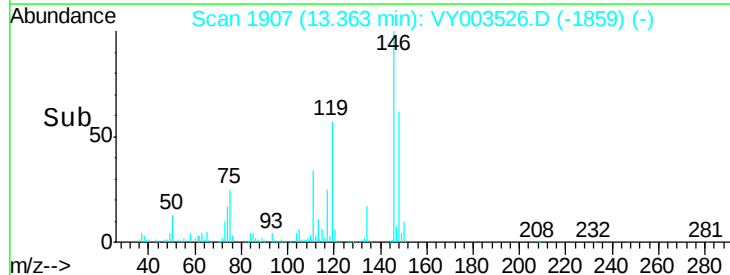
150000

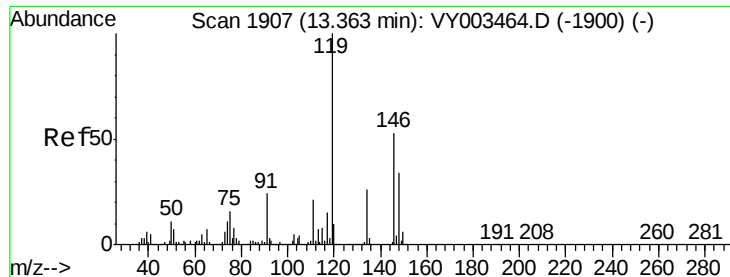
100000

50000

0

Time-->





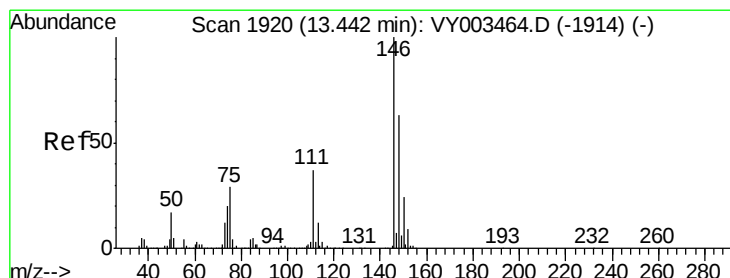
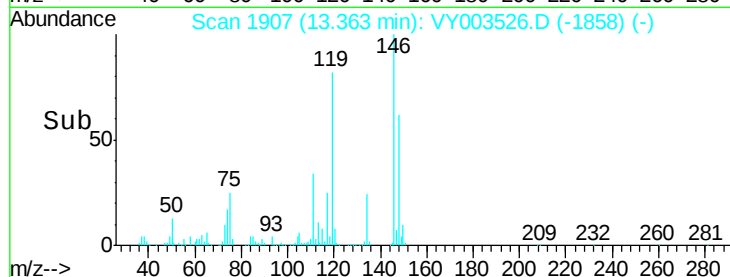
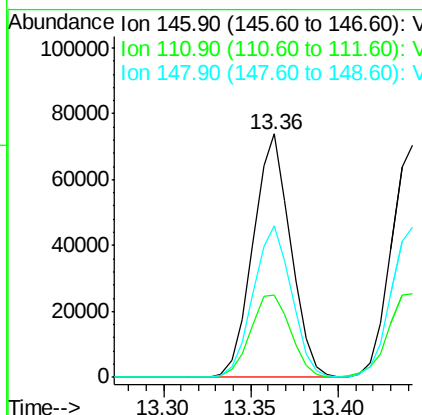
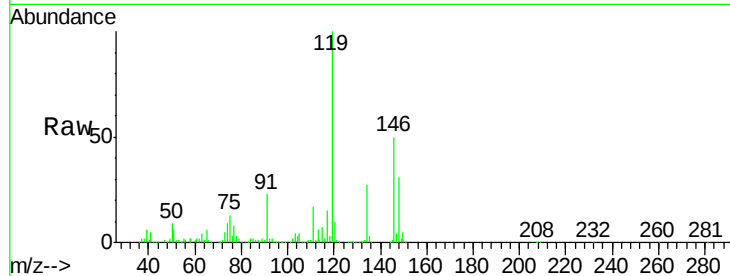
#87
 1,3-Dichlorobenzene
 Concen: 22.895 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY003526.D
 Acq: 12 Nov 2020 11:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1112SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	36.2	19.1	57.1	
148	63.7	32.4	97.0	

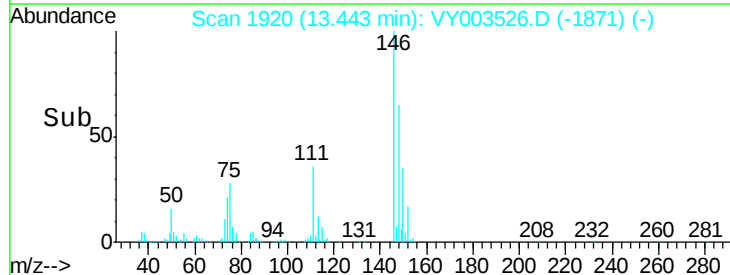
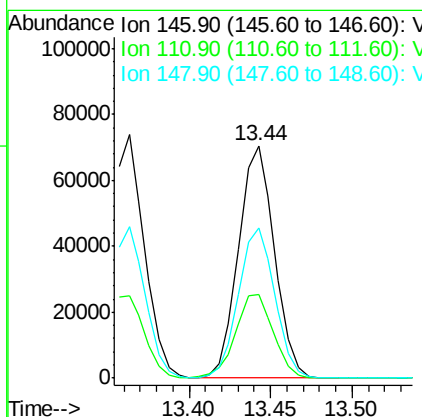
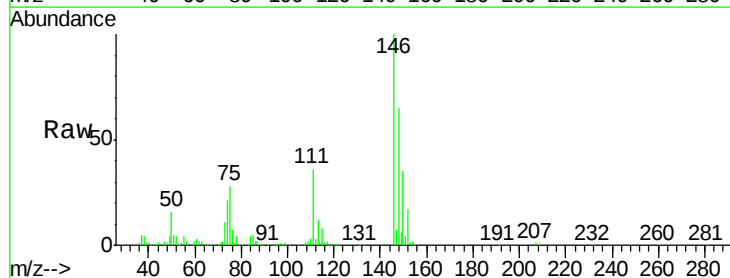
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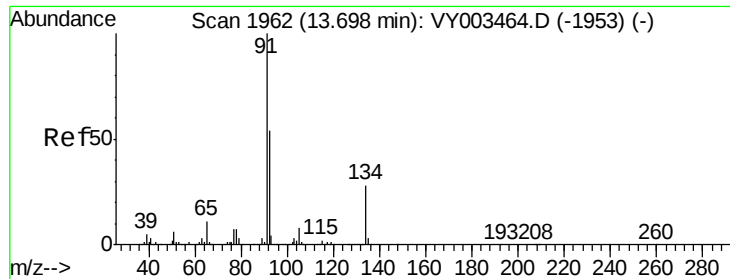
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#88
 1,4-Dichlorobenzene
 Concen: 22.658 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY003526.D
 Acq: 12 Nov 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
111	38.0	18.3	54.8	
148	65.3	32.0	96.0	





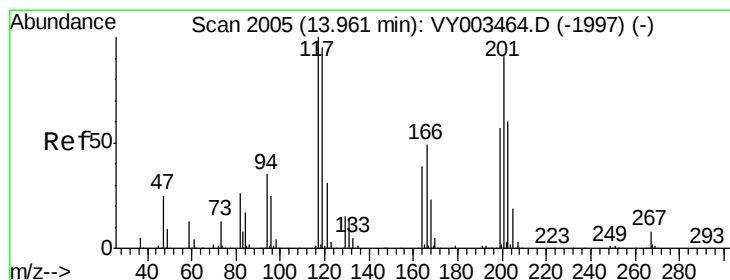
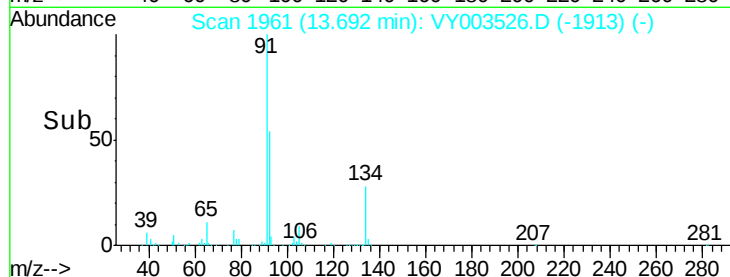
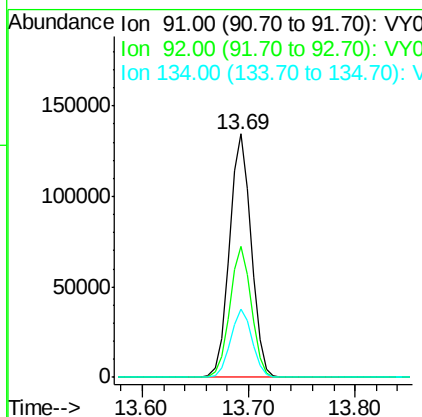
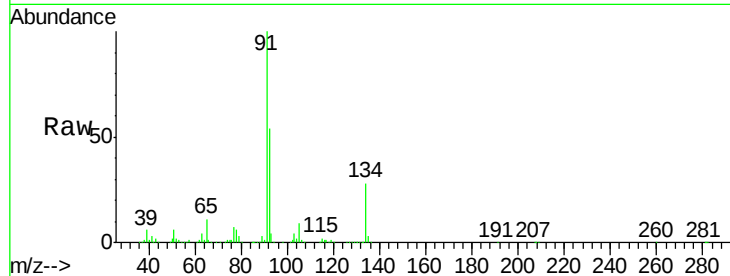
#89
n-Butylbenzene
Concen: 22.492 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Instrument :
MSVOA_Y
ClientSampleId :
VY1112SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.7	80.1
134	28.1	13.8	41.3

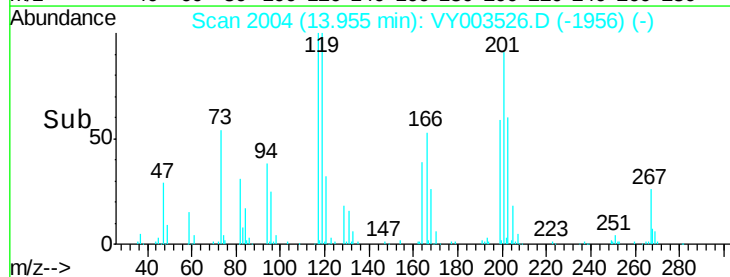
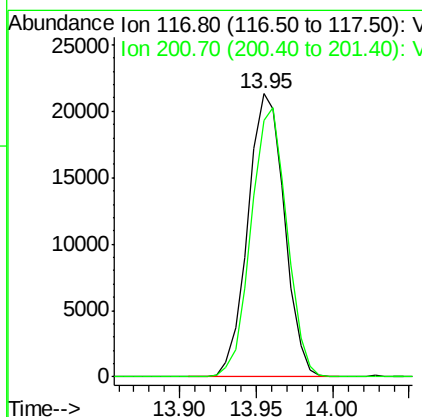
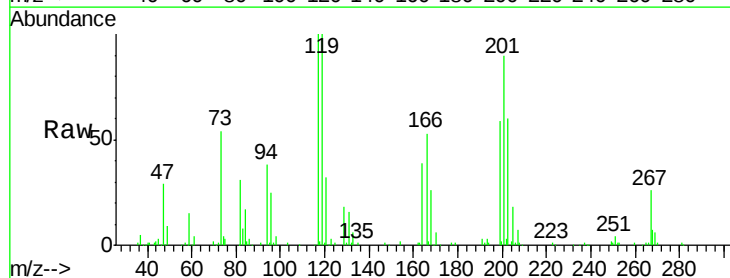
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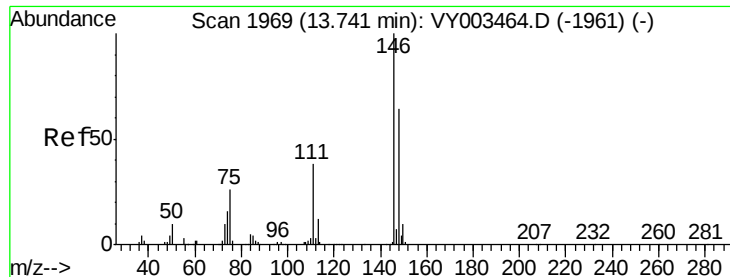
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#90
Hexachloroethane
Concen: 22.464 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. -0.01 min
Lab File: VY003526.D
Acq: 12 Nov 2020 11:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.9	46.6	139.8





#91

1,2-Dichlorobenzene

Concen: 22.780 ug/l

RT: 13.74 min Scan# 1968

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

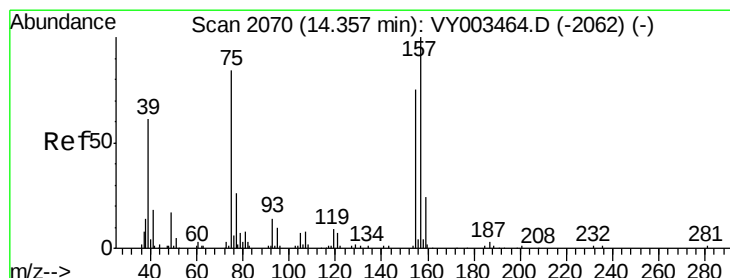
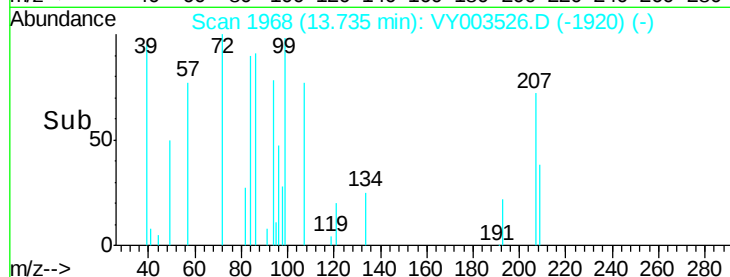
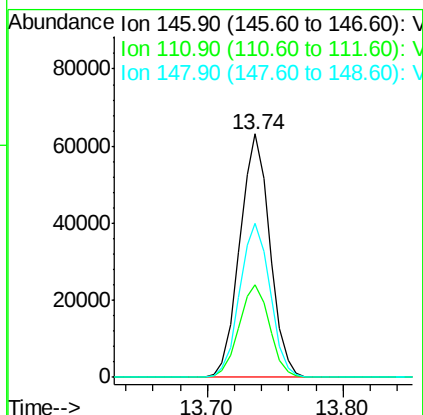
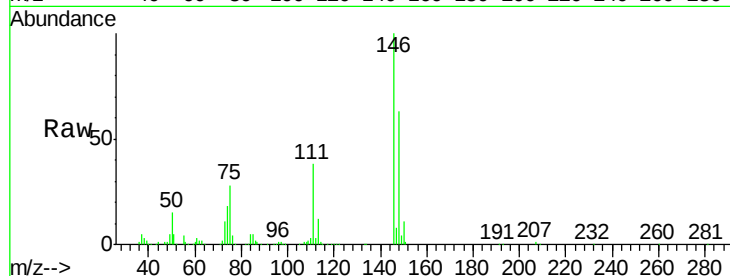
ClientSampleId :

VY1112SBS01

Tot Ion:	146	Resp:	97317
Ion Ratio	Lower	Upper	
146	100		
111	38.6	19.3	57.8
148	64.0	32.3	96.8

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#92

1,2-Dibromo-3-Chloropropane

Concen: 21.405 ug/l

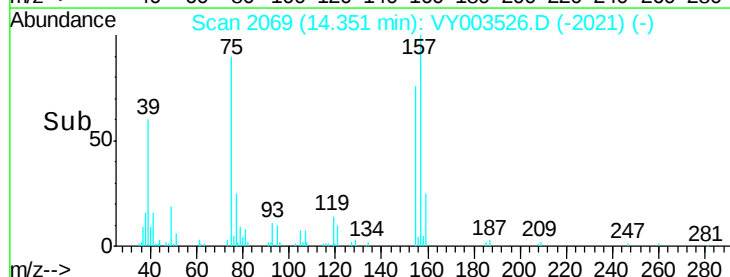
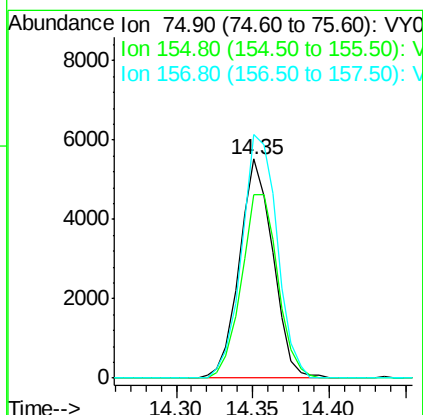
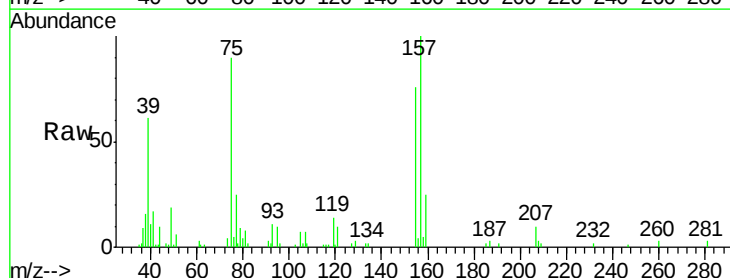
RT: 14.35 min Scan# 2069

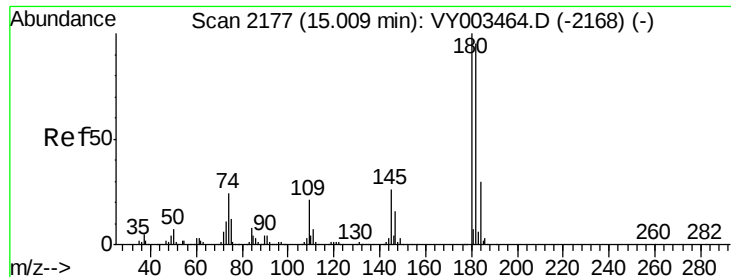
Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Tgt Ion:	75	Resp:	8409
Ion Ratio	Lower	Upper	
75	100		
155	90.6	45.6	136.7
157	117.1	60.3	180.8





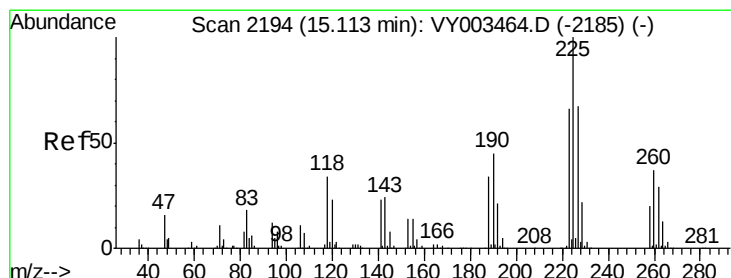
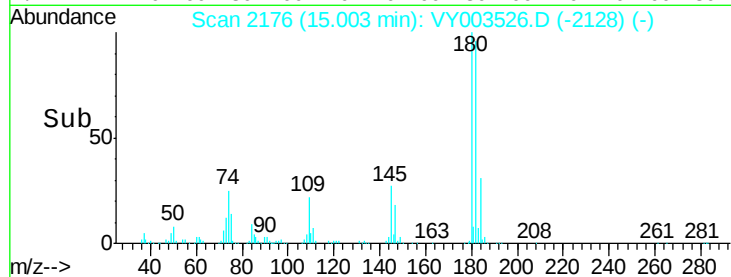
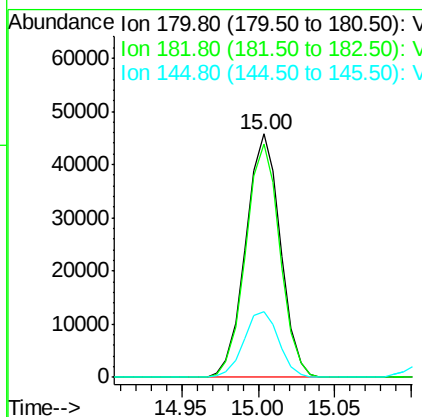
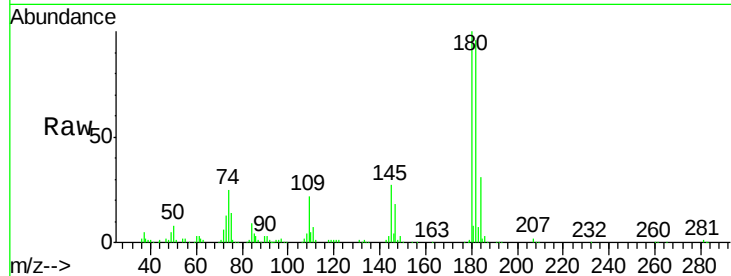
#93
 1,2,4-Trichlorobenzene
 Concen: 23.831 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. -0.01 min
 Lab File: VY003526.D
 Acq: 12 Nov 2020 11:28

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1112SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	72011		
182	94.8	48.1	144.3	
145	27.5	13.8	41.3	

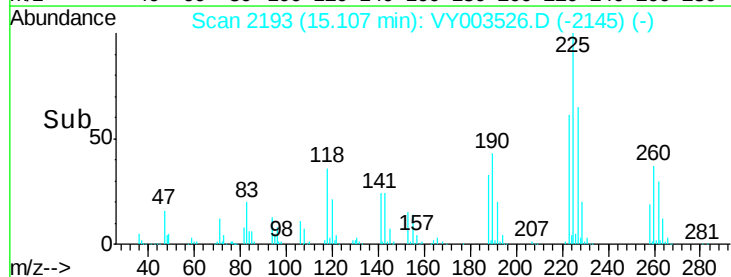
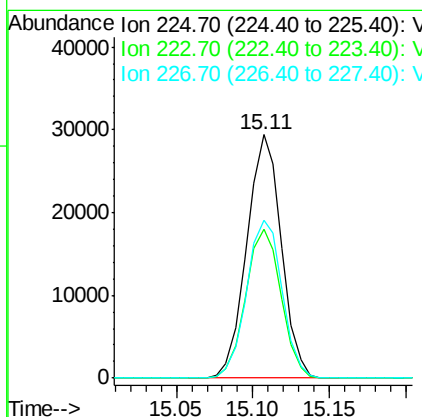
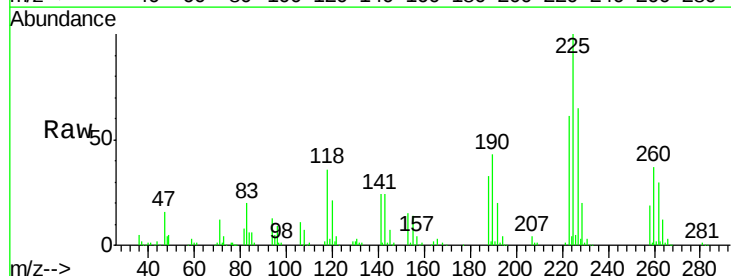
Manual Integrations
 APPROVED

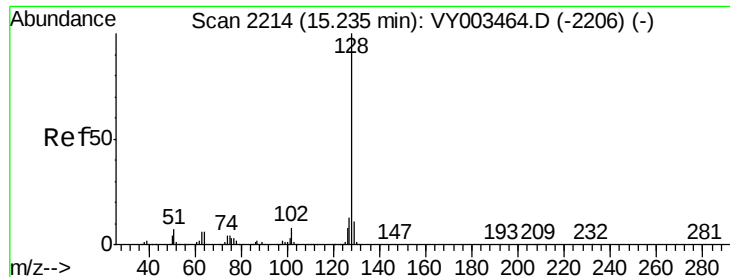
SAM
 11/13/2020 6:13:55 PM



#94
 Hexachlorobutadiene
 Concen: 23.743 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY003526.D
 Acq: 12 Nov 2020 11:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	46153		
223	62.7	32.1	96.3	
227	66.5	32.4	97.2	





#95

Naphthalene

Concen: 22.266 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Instrument :

MSVOA_Y

ClientSampleId :

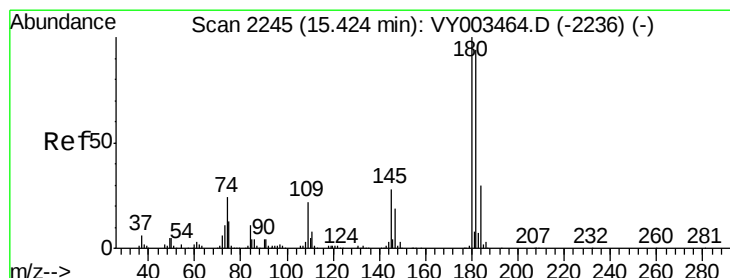
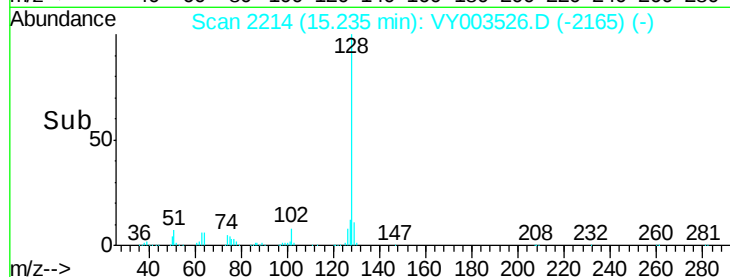
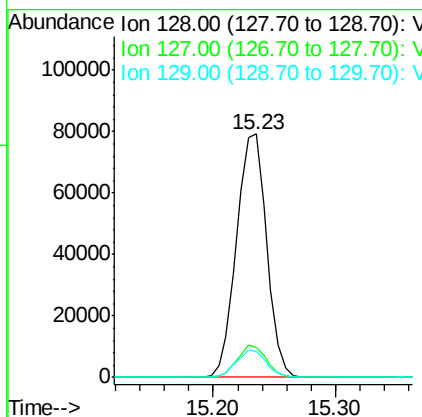
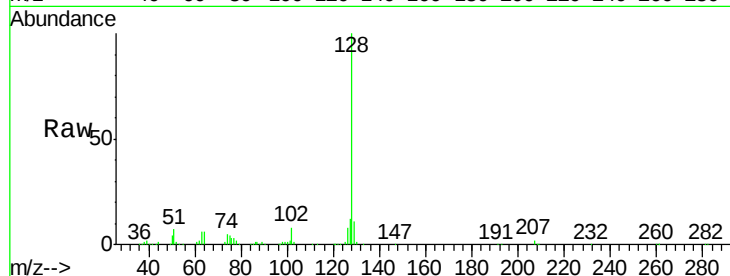
VY1112SBS01

Tot Ion:	128	Resp:	134730
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.5	15.7
129	11.1	8.6	13.0

Manual Integrations
APPROVED

SAM

11/13/2020 6:13:55 PM



#96

1,2,3-Trichlorobenzene

Concen: 23.145 ug/l

RT: 15.42 min Scan# 2244

Delta R.T. -0.01 min

Lab File: VY003526.D

Acq: 12 Nov 2020 11:28

Tgt Ion:	180	Resp:	62912
Ion Ratio	Lower	Upper	
180	100		
182	94.9	46.9	140.7
145	28.7	14.4	43.2

