

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100920\
 Data File : VX018876.D
 Acq On : 10 Oct 2020 00:33
 Operator : JC/SP
 Sample : VX1009WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

Manual Integrations
 APPROVED

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 10/12/2020 2:23:40 PM

Quant Time: Oct 10 07:22:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	195251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	298165	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	285090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	158387	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	140324	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
35) Dibromofluoromethane	5.46	113	101062	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
50) Toluene-d8	8.70	98	356200	48.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.66%	
62) 4-Bromofluorobenzene	11.12	95	141409	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	44420	20.235	ug/l 99
3) Chloromethane	1.31	50	34274	18.729	ug/l 99
4) Vinyl Chloride	1.39	62	39488	19.303	ug/l 97
5) Bromomethane	1.64	94	24013	21.076	ug/l 93
6) Chloroethane	1.72	64	25006	18.251	ug/l 94
7) Trichlorofluoromethane	1.92	101	75512	18.727	ug/l 95
8) Diethyl Ether	2.17	74	21952	20.163	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	36098	18.640	ug/l 95
10) Methyl Iodide	2.49	142	29324	17.253	ug/l 96
11) Tert butyl alcohol	3.01	59	48643	107.248	ug/l 97
12) 1,1-Dichloroethene	2.36	96	33861	19.232	ug/l 94
13) Acrolein	2.28	56	31487	83.439	ug/l 99
14) Allyl chloride	2.70	41	60762	18.585	ug/l 97
15) Acrylonitrile	3.12	53	90200	93.771	ug/l 98
16) Acetone	2.42	43	95850	84.752	ug/l 98
17) Carbon Disulfide	2.55	76	97834	18.503	ug/l 98
18) Methyl Acetate	2.75	43	46707	19.511	ug/l 99
19) Methyl tert-butyl Ether	3.17	73	114798	18.988	ug/l 99
20) Methylene Chloride	2.83	84	41211	20.365	ug/l 90
21) trans-1,2-Dichloroethene	3.14	96	39882	19.069	ug/l 92
22) Diisopropyl ether	3.82	45	111326	19.026	ug/l 99
23) Vinyl Acetate	3.79	43	539000	95.782	ug/l 100
24) 1,1-Dichloroethane	3.67	63	71345	18.135	ug/l 97
25) 2-Butanone	4.64	43	143303	91.874	ug/l 100
26) 2,2-Dichloropropane	4.55	77	56978	15.011	ug/l 98
27) cis-1,2-Dichloroethene	4.56	96	43581	18.764	ug/l 97
28) Bromochloromethane	4.98	49	32389	19.596	ug/l 96
29) Tetrahydrofuran	5.09	42	82018	98.007	ug/l 97
30) Chloroform	5.18	83	78556	18.124	ug/l 100
31) Cyclohexane	5.55	56	49973	18.579	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	73992	17.964	ug/l 100
36) 1,1-Dichloropropene	5.78	75	53764	17.150	ug/l 97
37) Ethyl Acetate	4.79	43	57164	18.883	ug/l 99
38) Carbon Tetrachloride	5.75	117	70440	18.129	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	49128	17.000	ug/l	93
40) Benzene	6.11	78	150718	17.895	ug/l	98
41) Methacrylonitrile	5.00	41	31336	17.843	ug/l	100
42) 1,2-Dichloroethane	6.16	62	69421	17.581	ug/l	99
43) Isopropyl Acetate	6.42	43	91307	18.148	ug/l	99
44) Trichloroethene	7.18	130	43998	17.419	ug/l	97
45) 1,2-Dichloropropane	7.49	63	39362	17.663	ug/l	100
46) Dibromomethane	7.63	93	29252	17.762	ug/l	99
47) Bromodichloromethane	7.88	83	62739	17.580	ug/l	94
48) Methyl methacrylate	7.75	41	46280	18.129	ug/l	98
49) 1,4-Dioxane	7.71	88	12118	338.532	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	284346	96.832	ug/l	100
52) Toluene	8.77	92	99491	18.407	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	65890	17.831	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	65869	17.328	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	41963	18.075	ug/l	93
56) Ethyl methacrylate	9.16	69	57541	18.916	ug/l	98
57) 1,3-Dichloropropane	9.35	76	68342	18.142	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	156881	93.397	ug/l	99
59) 2-Hexanone	9.47	43	215896	96.500	ug/l	98
60) Dibromochloromethane	9.56	129	51663	17.727	ug/l	97
61) 1,2-Dibromoethane	9.65	107	46419	18.645	ug/l	98
64) Tetrachloroethene	9.32	164	39733	18.337	ug/l	98
65) Chlorobenzene	10.12	112	110398	17.919	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	45473	17.891	ug/l	98
67) Ethyl Benzene	10.23	91	190142	18.295	ug/l	99
68) m/p-Xylenes	10.34	106	144867	36.687	ug/l	98
69) o-Xylene	10.68	106	66745	17.941	ug/l	99
70) Styrene	10.70	104	115559	18.348	ug/l	98
71) Bromoform	10.84	173	38593	17.555	ug/l #	98
73) Isopropylbenzene	11.00	105	189945	18.333	ug/l	100
74) N-amyl acetate	10.88	43	76437	18.647	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	63435	18.369	ug/l	95
76) 1,2,3-Trichloropropane	11.28	75	60792m	17.813	ug/l	
77) Bromobenzene	11.24	156	51014	17.924	ug/l	96
78) n-propylbenzene	11.34	91	212836	18.028	ug/l	99
79) 2-Chlorotoluene	11.40	91	131487	17.867	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	164693	18.583	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	19953	16.569	ug/l	98
82) 4-Chlorotoluene	11.49	91	159836	18.266	ug/l	99
83) tert-Butylbenzene	11.76	119	158239	17.829	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	167545	18.597	ug/l	99
85) sec-Butylbenzene	11.93	105	178868	17.889	ug/l	98
86) p-Isopropyltoluene	12.05	119	169351	17.853	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	94051	17.993	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	94926	17.929	ug/l	99
89) n-Butylbenzene	12.37	91	139703	16.951	ug/l	99
90) Hexachloroethane	12.58	117	29189	16.552	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	88011	17.689	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	15514	17.566	ug/l	96

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ClientSampleId :
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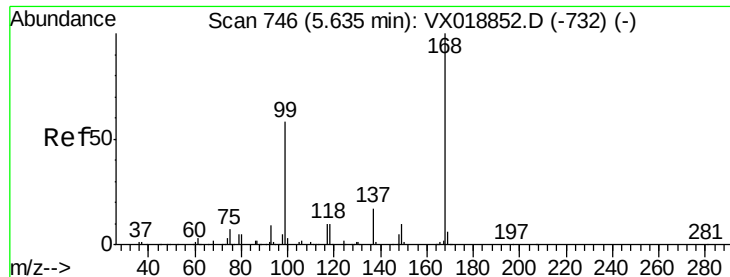
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	58017	18.176	ug/l	94
94) Hexachlorobutadiene	13.77	225	24557	17.321	ug/l	98
95) Naphthalene	13.82	128	172382	18.257	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	55330	17.717	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

Tot Ion:168 Resp: 195251

Ion Ratio Lower Upper

168 100

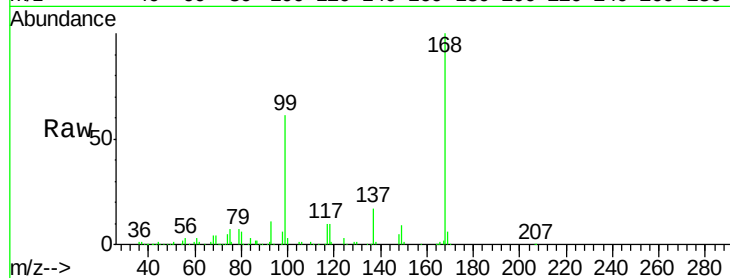
99 60.9 46.1 69.1

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

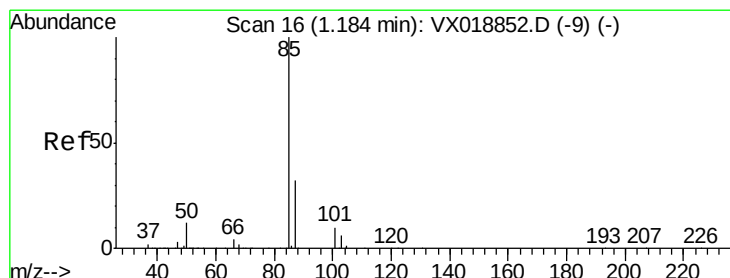
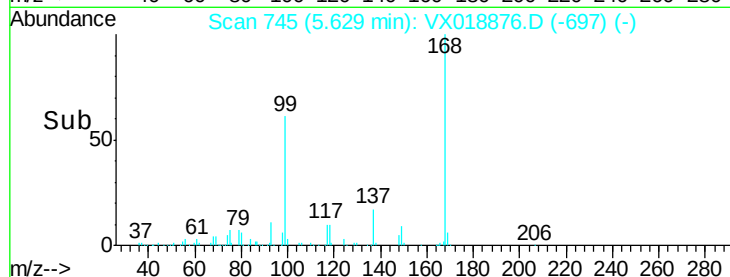
40000

20000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 20.235 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018876.D

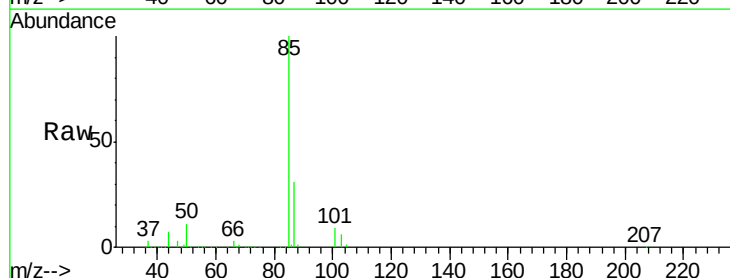
Acq: 10 Oct 2020 00:33

Tgt Ion: 85 Resp: 44420

Ion Ratio Lower Upper

85 100

87 31.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

60000

50000

40000

30000

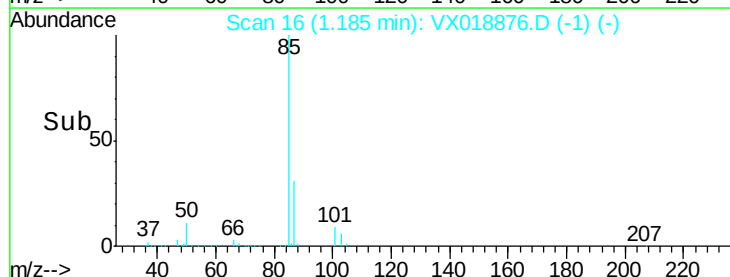
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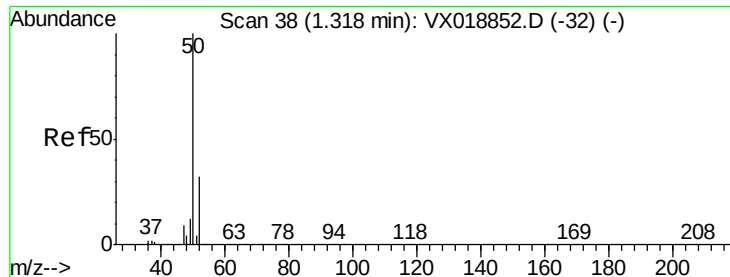
10000

0

1.10 1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 18.729 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

Tot Ion: 50 Resp: 34274

Ion Ratio Lower Upper

50 100

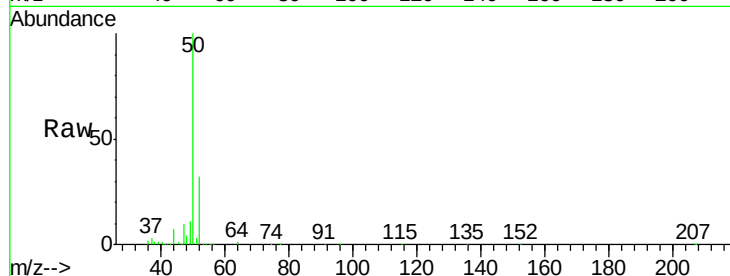
52 32.2 25.2 37.8

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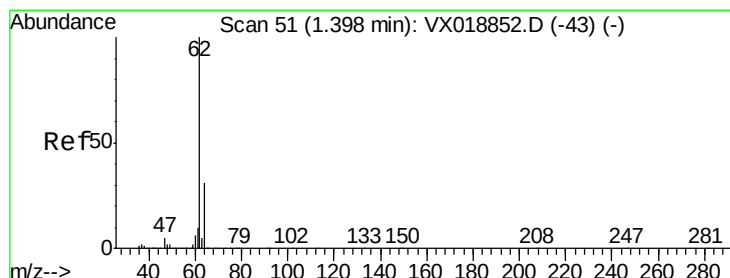
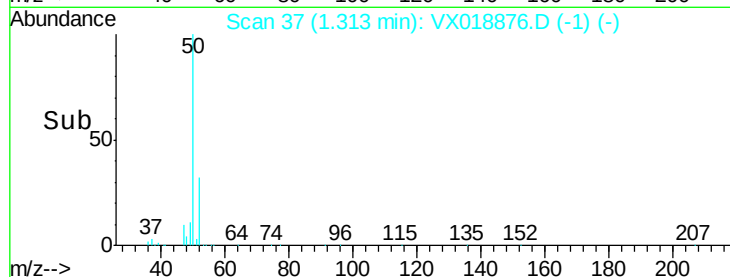
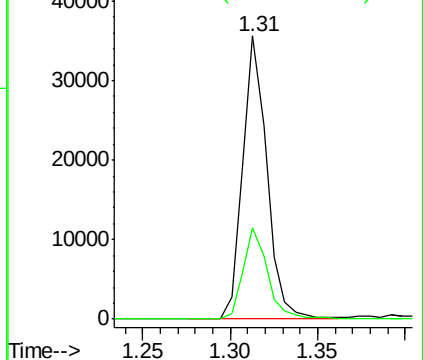
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.303 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX018876.D

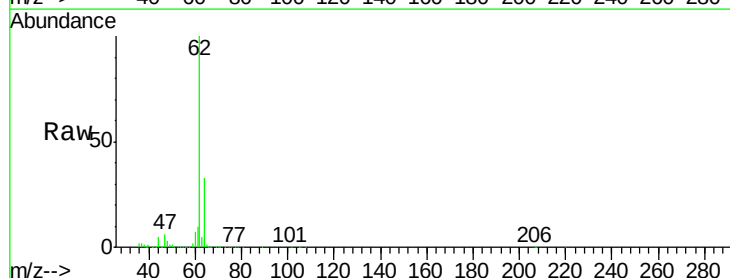
Acq: 10 Oct 2020 00:33

Tgt Ion: 62 Resp: 39488

Ion Ratio Lower Upper

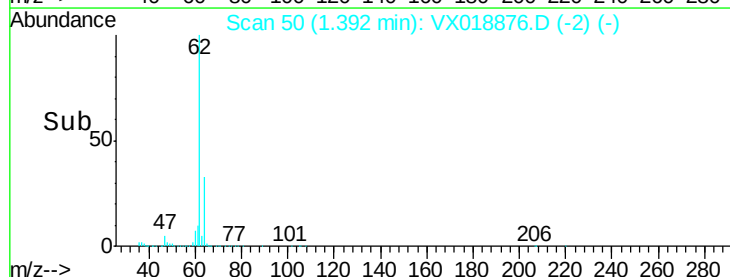
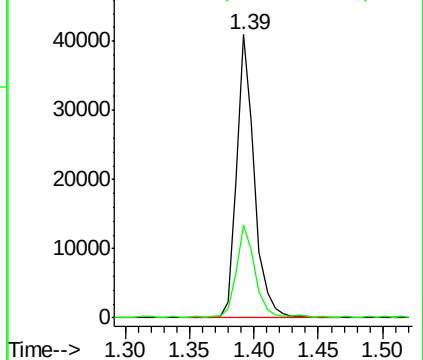
62 100

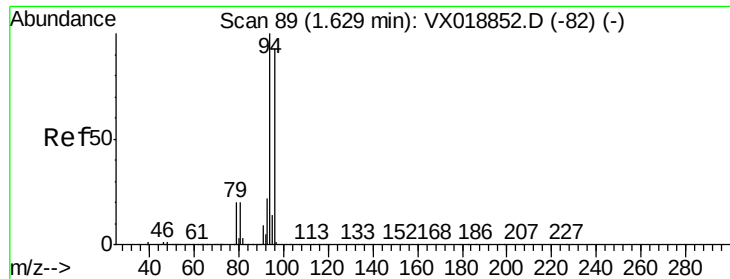
64 32.7 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.076 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

Tot Ion: 94 Resp: 24013

Ion Ratio Lower Upper

94 100

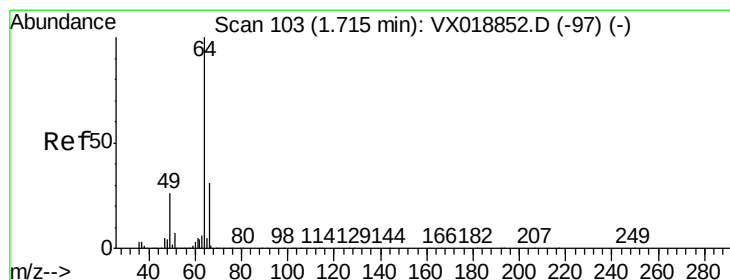
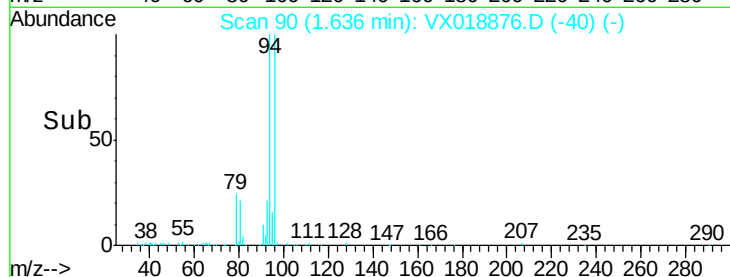
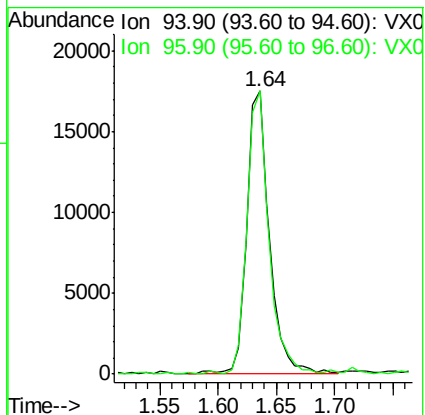
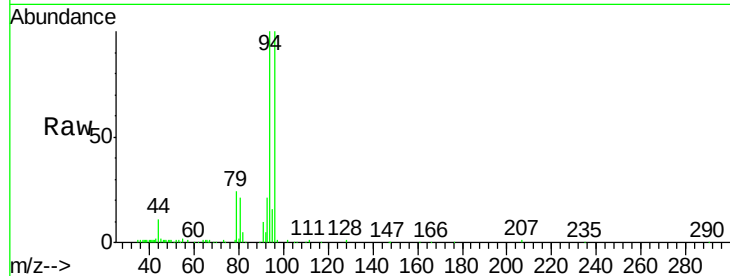
96 99.5 74.5 111.7

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#6

Chloroethane

Concen: 18.251 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018876.D

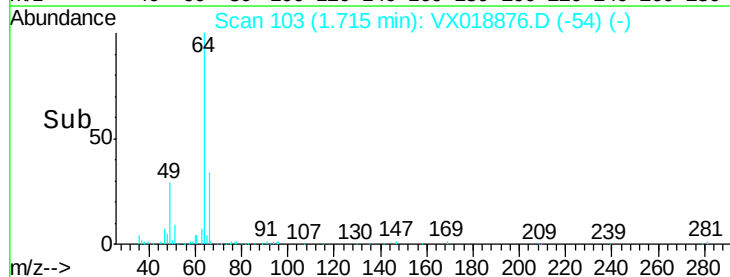
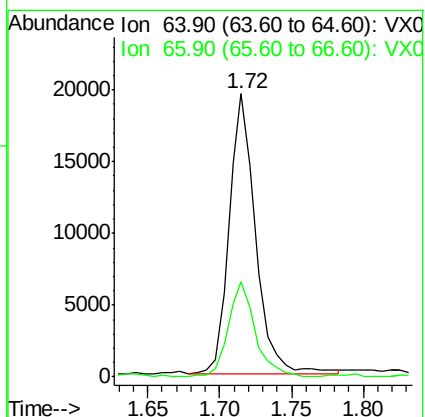
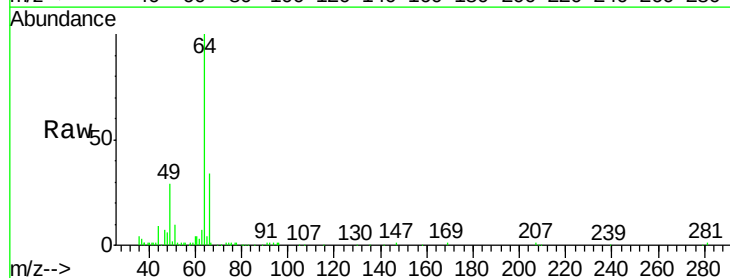
Acq: 10 Oct 2020 00:33

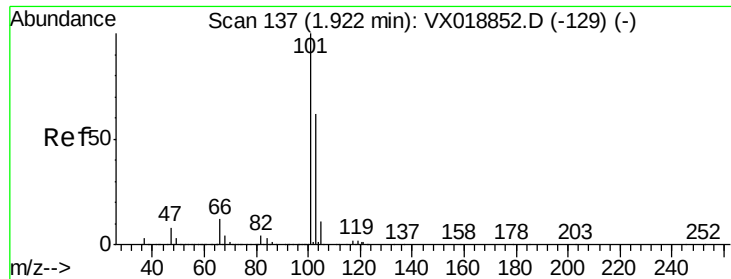
Tgt Ion: 64 Resp: 25006

Ion Ratio Lower Upper

64 100

66 34.0 24.7 37.1





#7

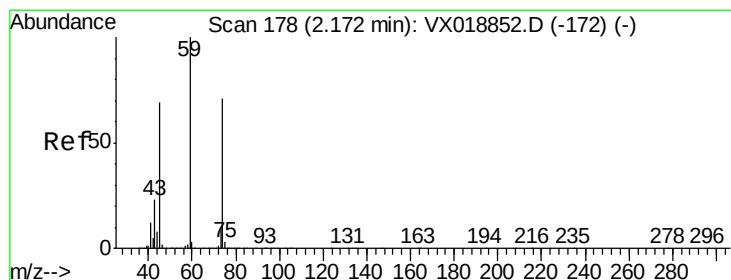
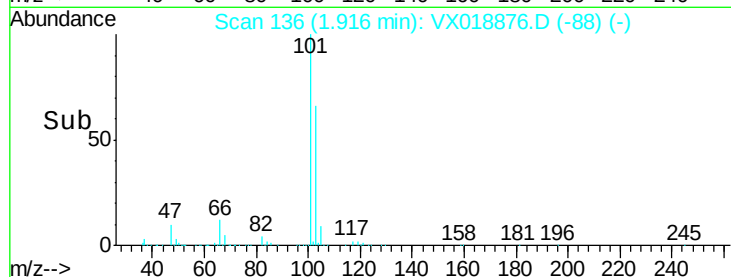
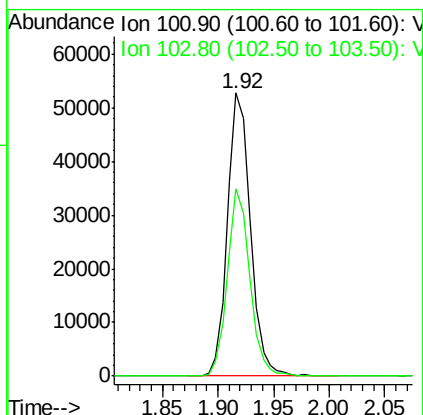
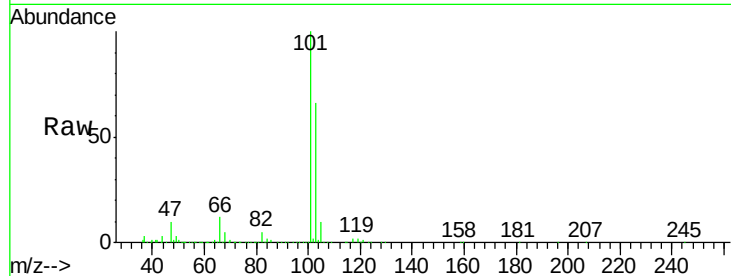
Trichlorofluoromethane
Concen: 18.727 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Instrument :
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ClientSampleId :
VX1009WBSD02

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	50.0	75.0

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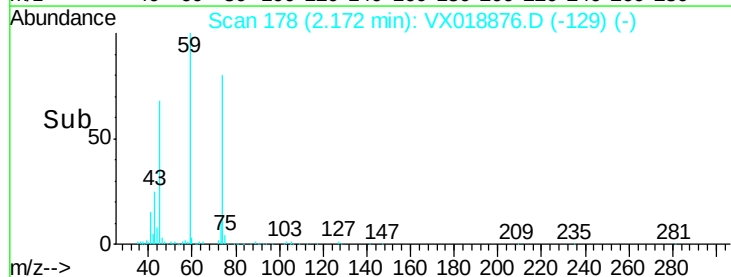
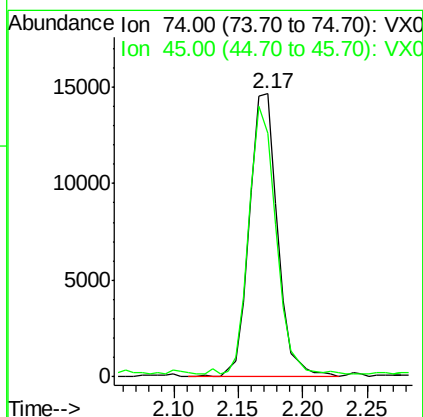
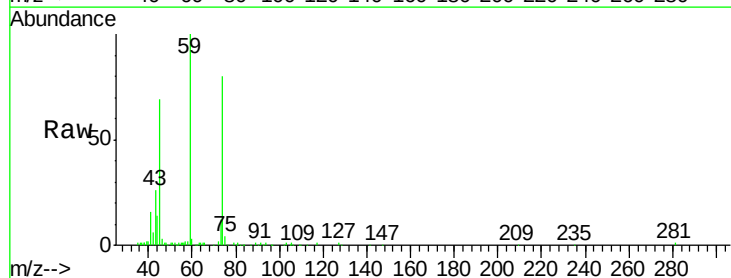
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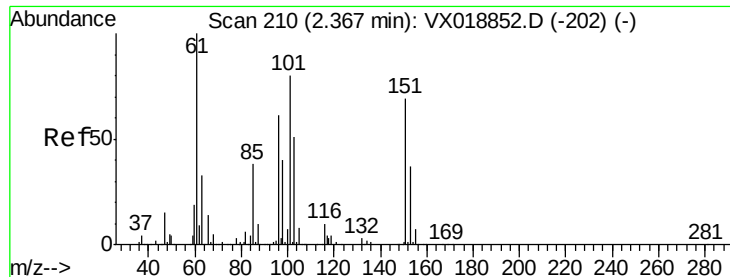


#8

Diethyl Ether
Concen: 20.163 ug/l
RT: 2.17 min Scan# 178
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.3	47.0	141.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.640 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

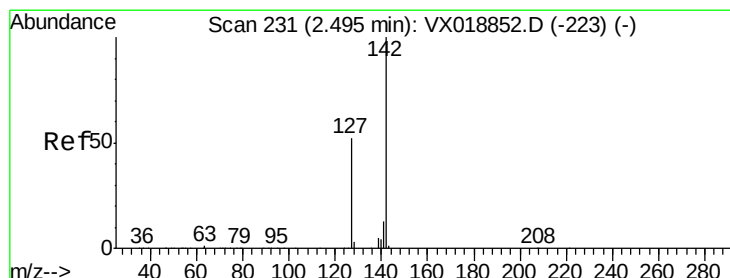
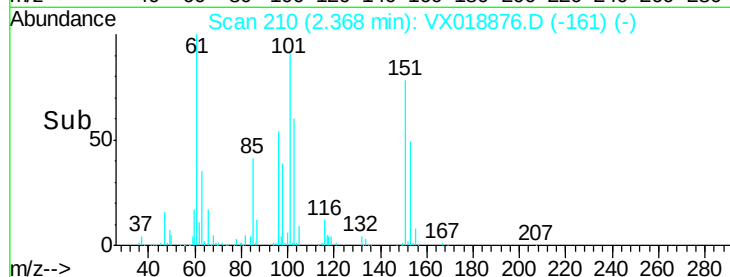
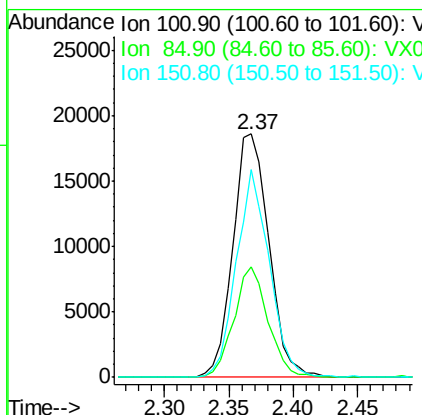
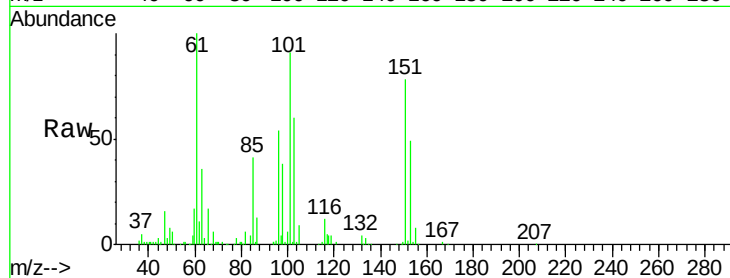
ClientSampleId :

VX1009WBSD02

Tot Ion:	101	Resp:	36098
Ion Ratio	Lower	Upper	
101	100		
85	43.2	36.6	55.0
151	78.4	67.2	100.8

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#10

Methyl Iodide

Concen: 17.253 ug/l

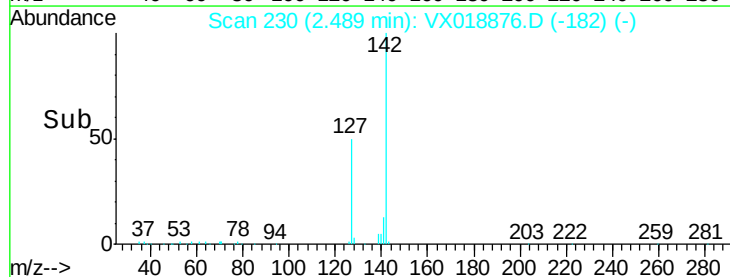
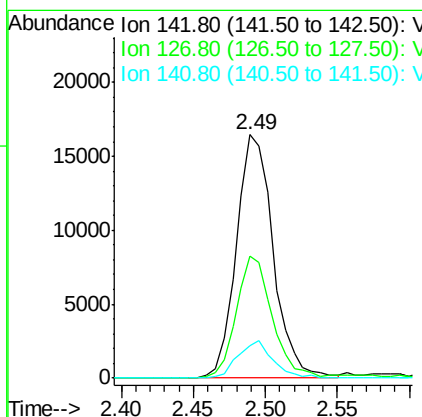
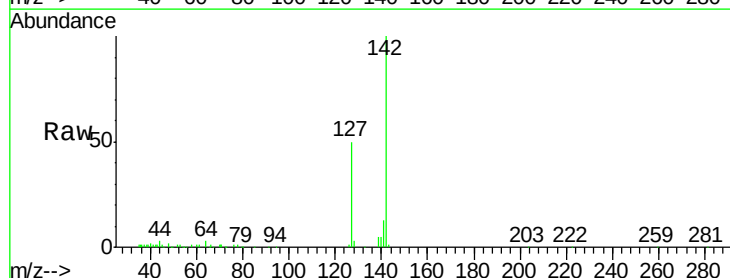
RT: 2.49 min Scan# 230

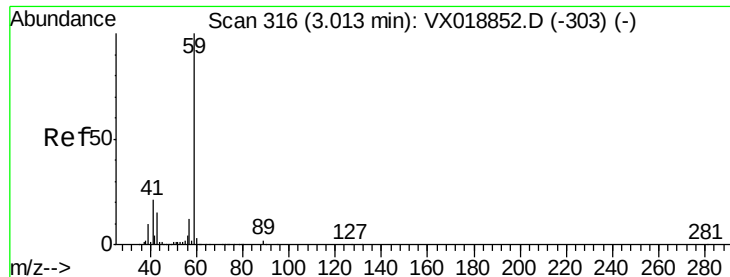
Delta R.T. -0.01 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Tgt Ion:	142	Resp:	29324
Ion Ratio	Lower	Upper	
142	100		
127	48.9	42.0	63.0
141	14.6	11.8	17.6





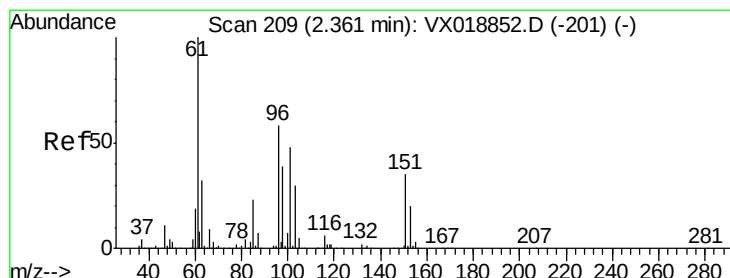
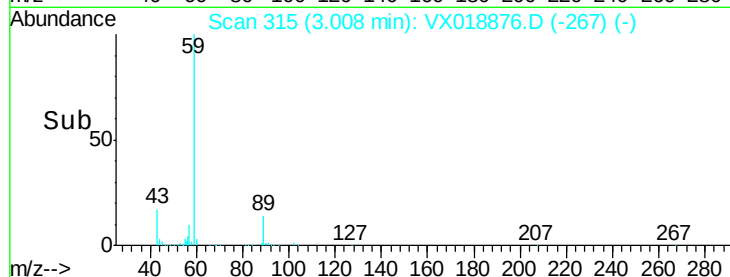
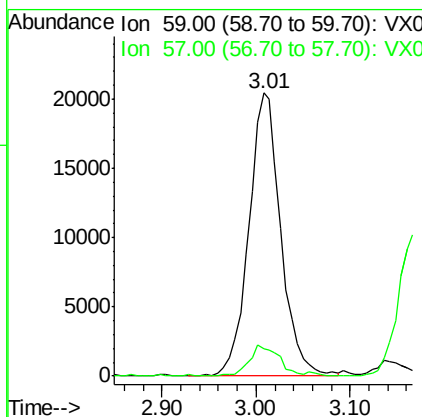
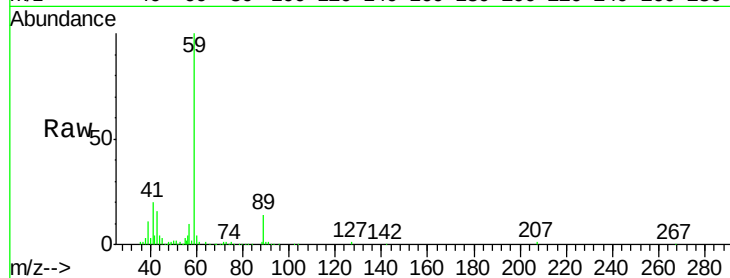
#11
Tert butyl alcohol
Concen: 107.248 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	9.0	13.6

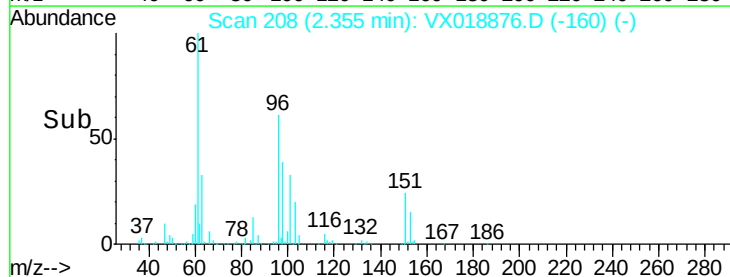
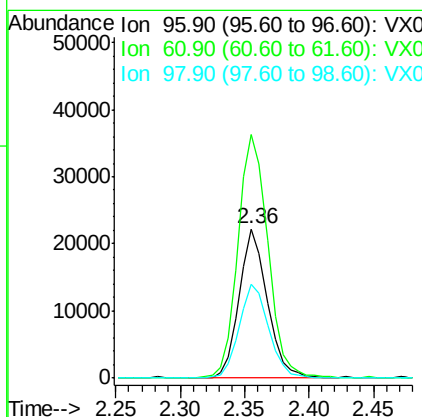
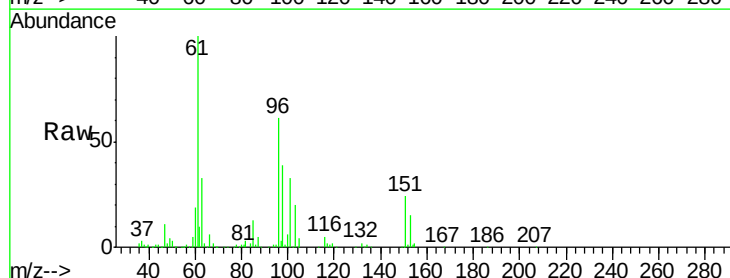
Manual Integrations
APPROVED

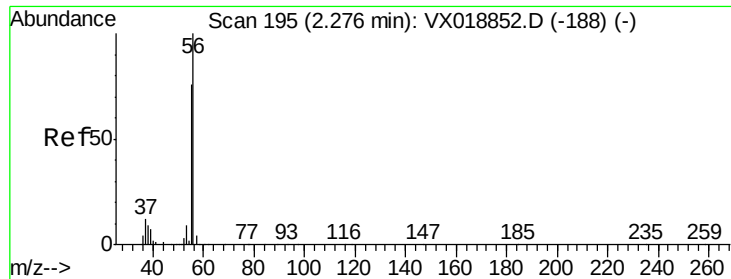
MMDadoda
10/12/2020 2:23:40 PM



#12
1,1-Dichloroethene
Concen: 19.232 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.4	137.0	205.6
98	63.0	53.9	80.9





#13

Acrolein

Concen: 83.439 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

Tot Ion: 56 Resp: 31487

Ion Ratio Lower Upper

56 100

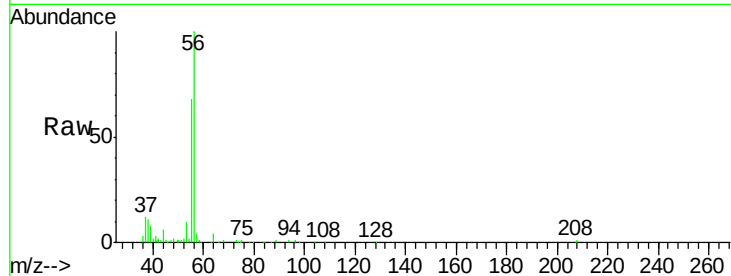
55 73.7 58.6 87.8

Manual Integrations

APPROVED

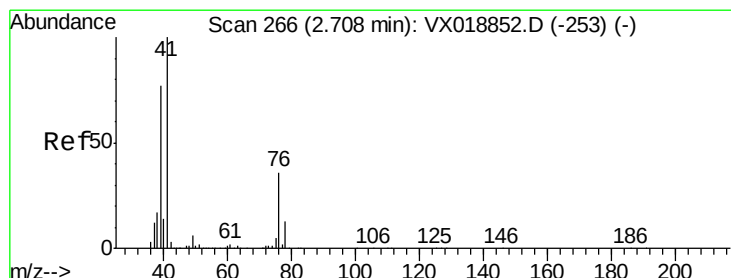
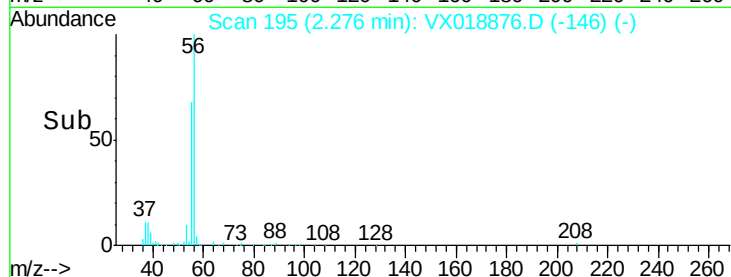
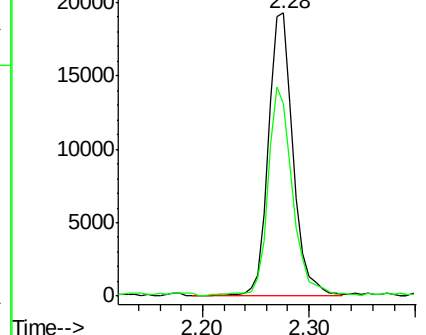
MMDadoda

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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.585 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

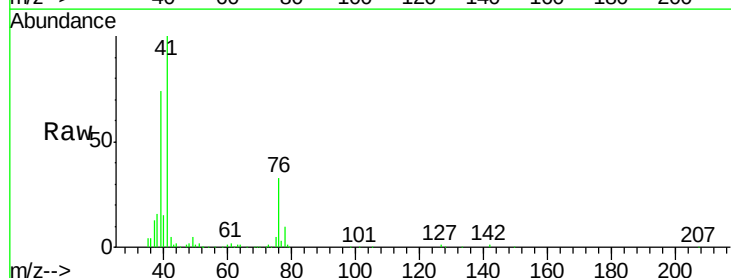
Tgt Ion: 41 Resp: 60762

Ion Ratio Lower Upper

41 100

39 69.4 57.8 86.8

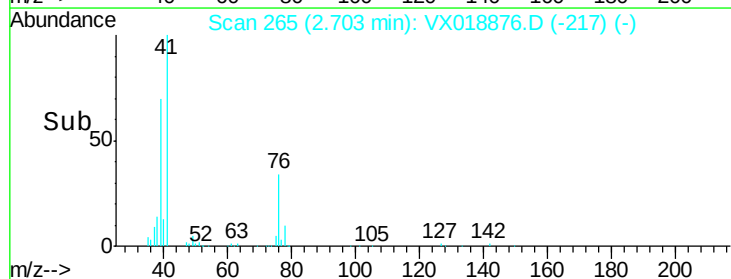
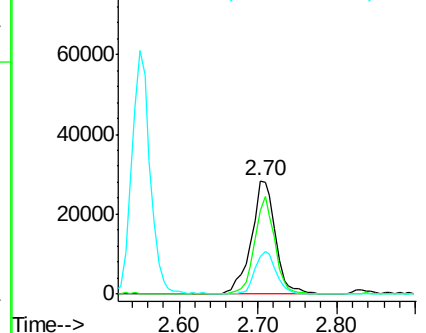
76 32.8 26.8 40.2

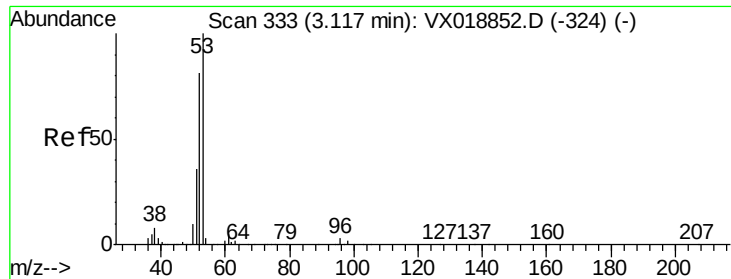


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





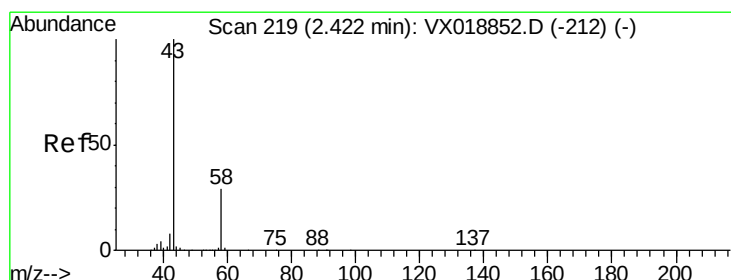
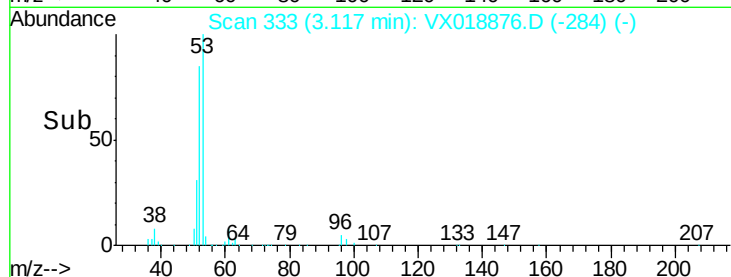
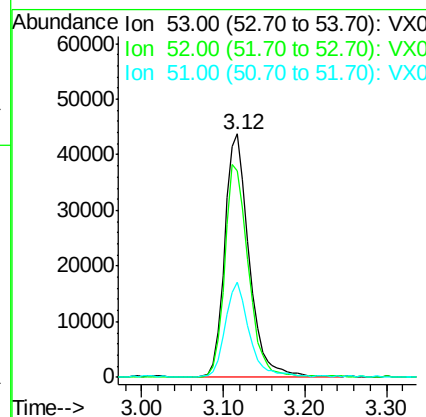
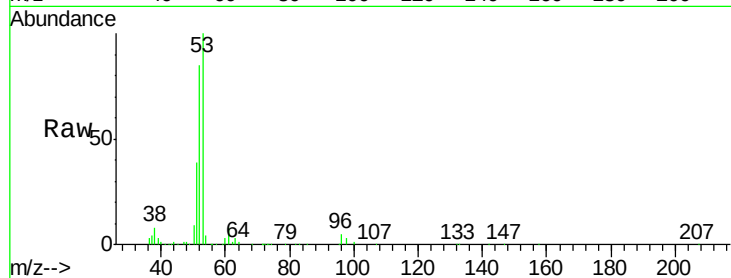
#15
 Acrylonitrile
 Concen: 93.771 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX018876.D
 Acq: 10 Oct 2020 00:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

Tot Ion	Ratio	Lower	Upper
53	100		
52	85.0	66.7	100.1
51	39.0	30.3	45.5

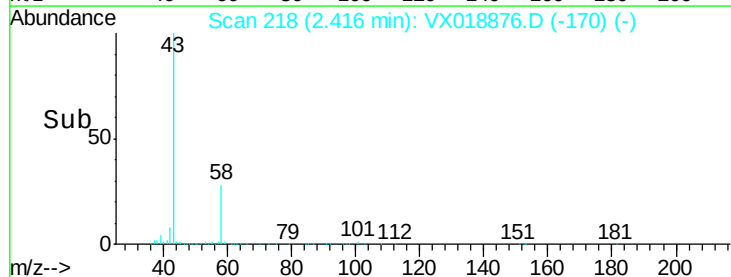
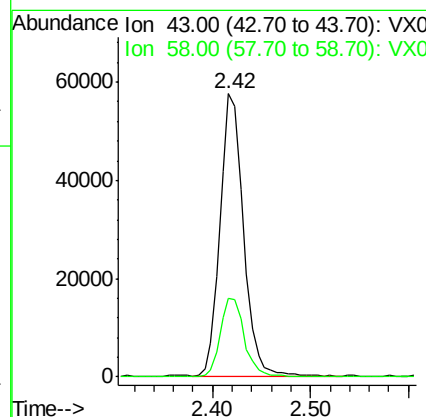
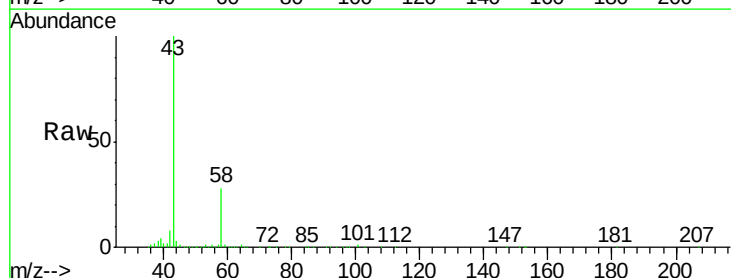
Manual Integrations
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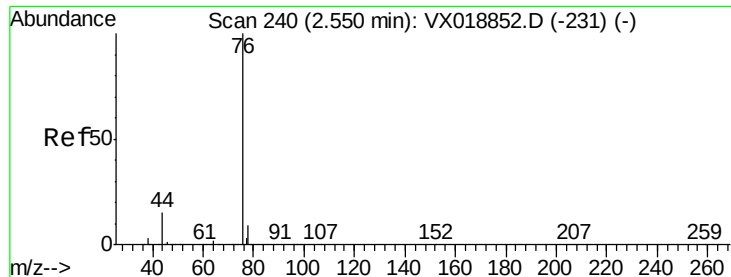
MMDadoda
 10/12/2020 2:23:40 PM



#16
 Acetone
 Concen: 84.752 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX018876.D
 Acq: 10 Oct 2020 00:33

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.7	23.0	34.4





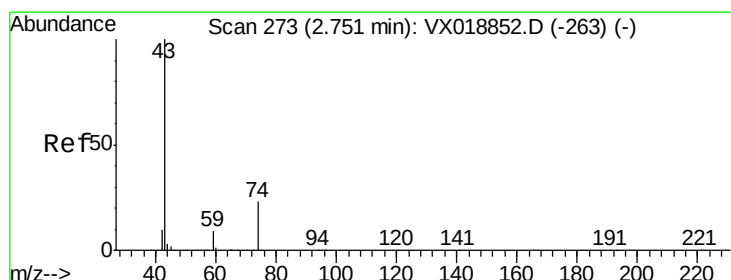
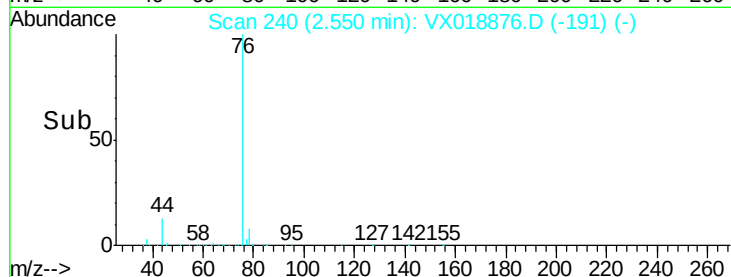
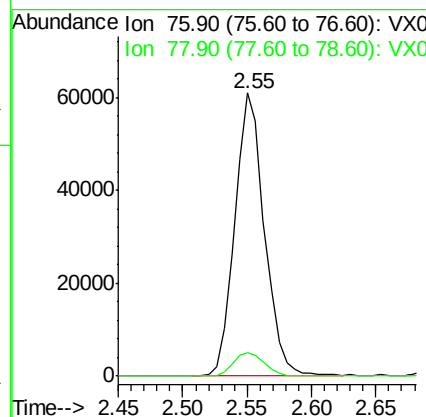
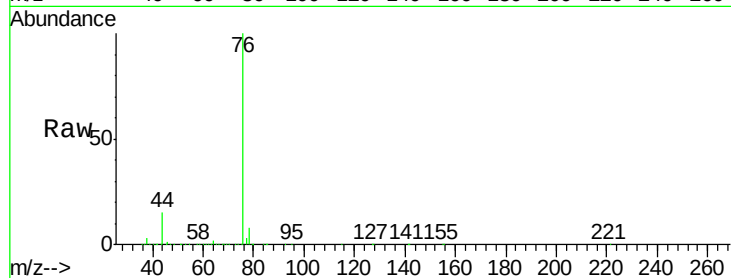
#17
Carbon Disulfide
Concen: 18.503 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.5	7.3	10.9

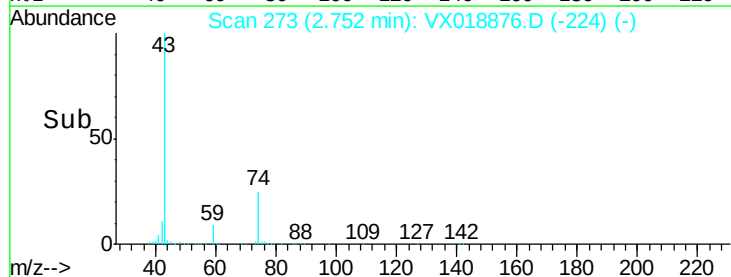
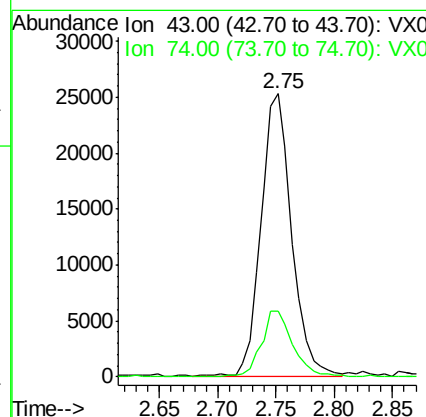
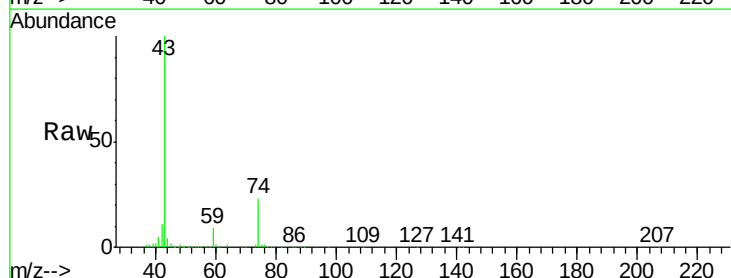
Manual Integrations
APPROVED

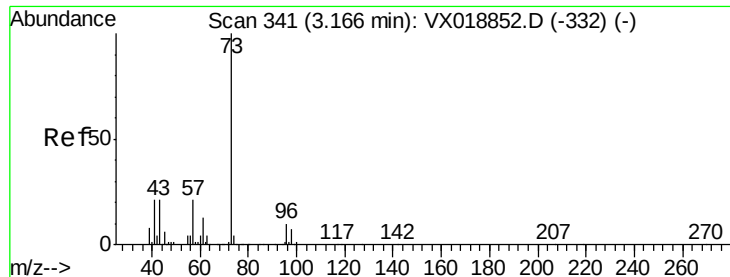
MMDadoda
10/12/2020 2:23:40 PM



#18
Methyl Acetate
Concen: 19.511 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	18.9	28.3





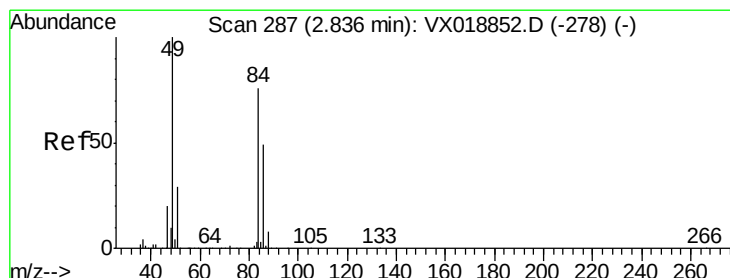
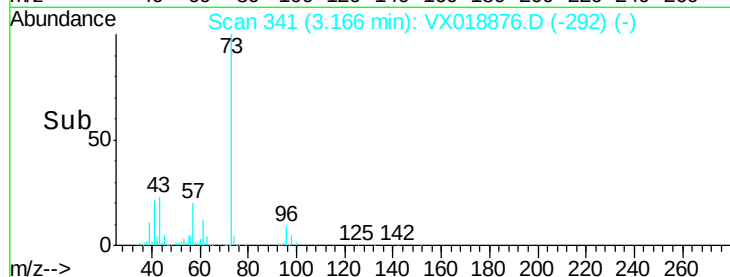
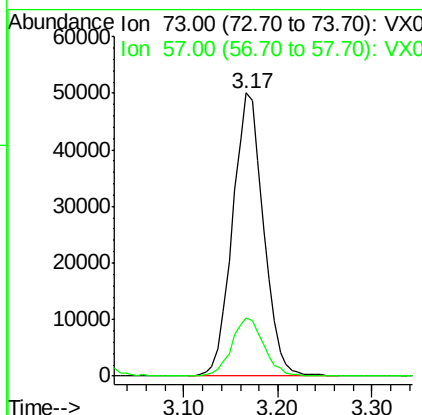
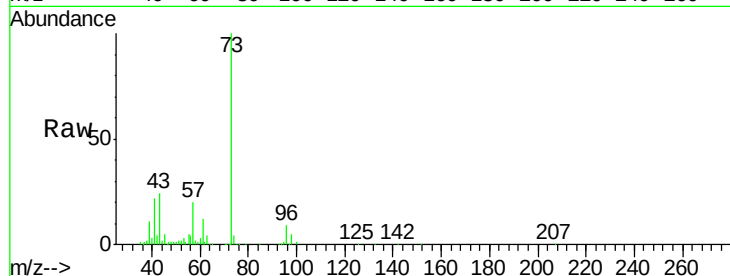
#19
Methyl tert-butyl Ether
Concen: 18.988 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion	73	Resp	114798
Ion Ratio	Lower	Upper	
73	100		
57	20.3	16.7	25.1

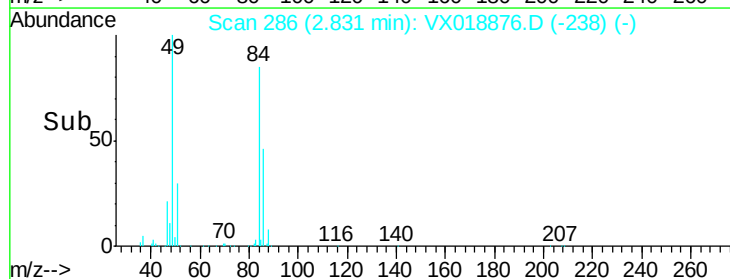
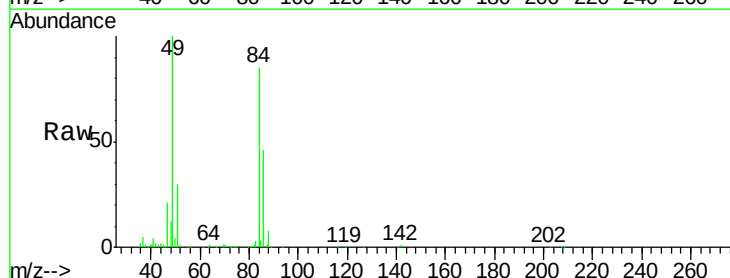
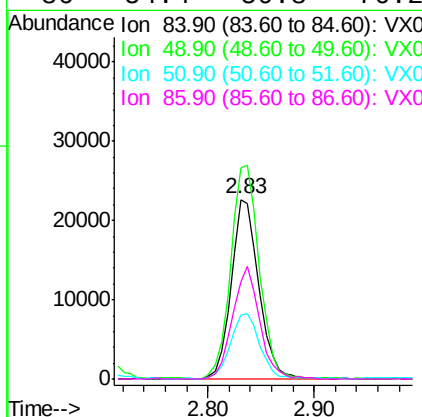
Manual Integrations
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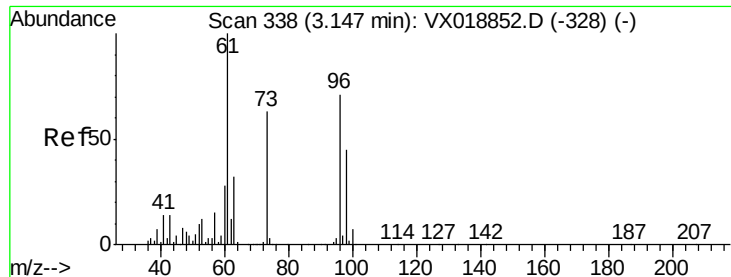
MMDadoda
10/12/2020 2:23:40 PM



#20
Methylene Chloride
Concen: 20.365 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Tgt Ion	84	Resp	41211
Ion Ratio	Lower	Upper	
84	100		
49	117.6	104.8	157.2
51	35.4	30.6	46.0
86	54.4	50.8	76.2





#21

trans-1,2-Dichloroethene

Concen: 19.069 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.01 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

Tot Ion: 96 Resp: 39882

Ion Ratio Lower Upper

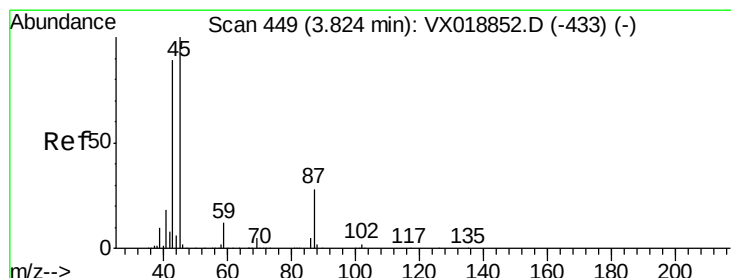
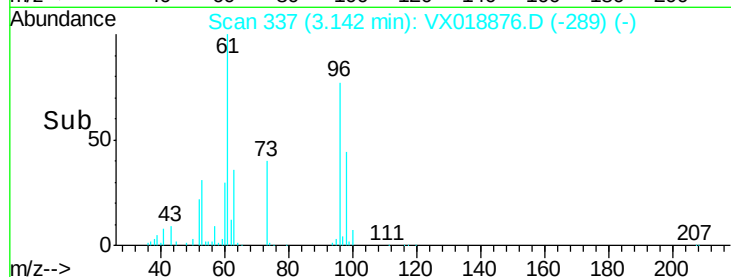
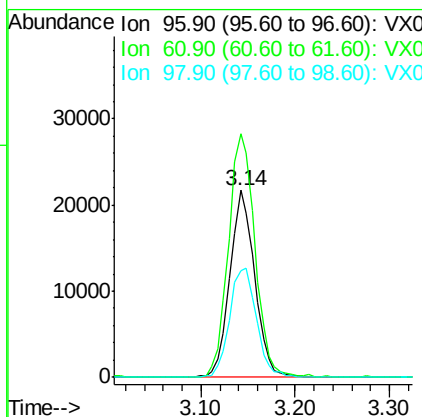
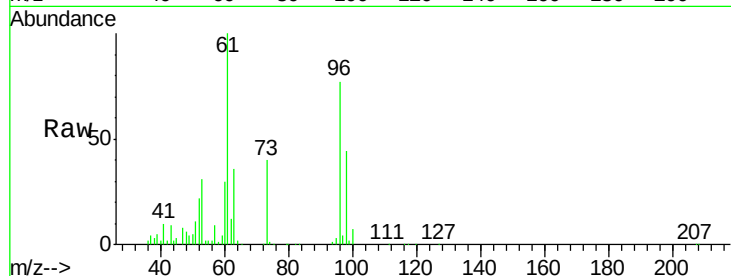
96 100

61 130.2 112.0 168.0

98 56.9 50.2 75.2

Manual Integrations
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10/12/2020 2:23:40 PM



#22

Diisopropyl ether

Concen: 19.026 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Tgt Ion: 45 Resp: 111326

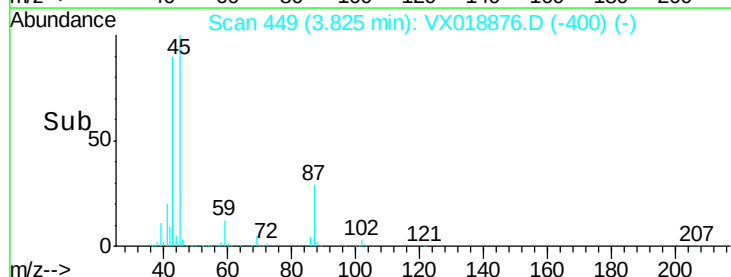
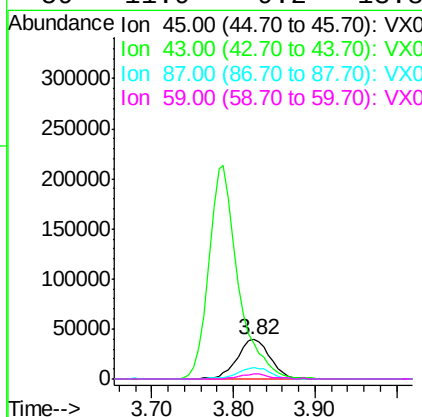
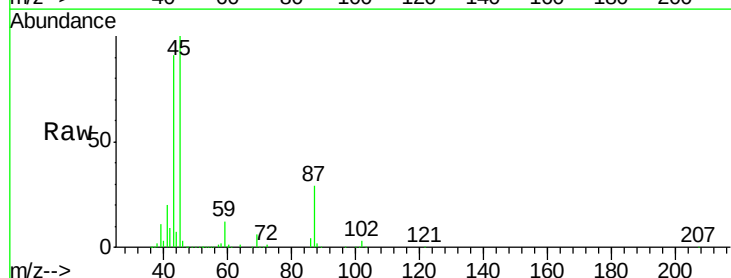
Ion Ratio Lower Upper

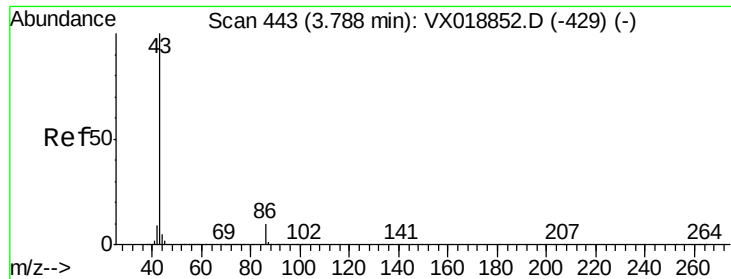
45 100

43 89.3 71.2 106.8

87 29.4 22.5 33.7

59 11.9 9.2 13.8





#23

Vinyl Acetate

Concen: 95.782 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

Tot Ion: 43 Resp: 539000

Ion Ratio Lower Upper

43 100

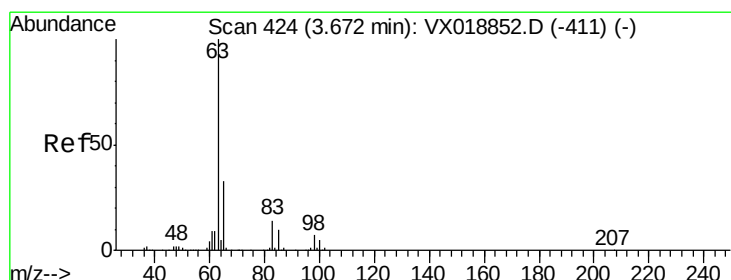
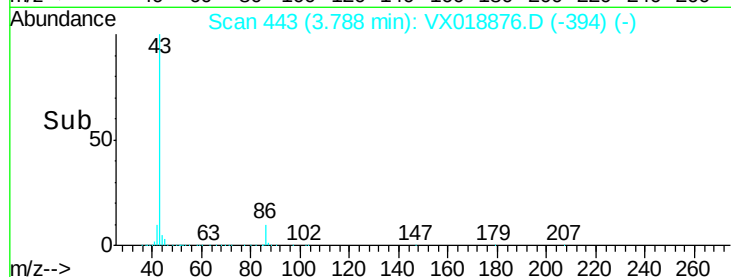
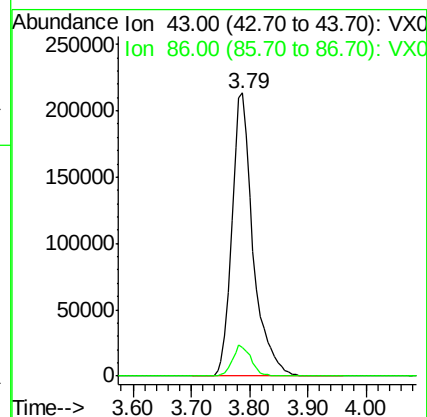
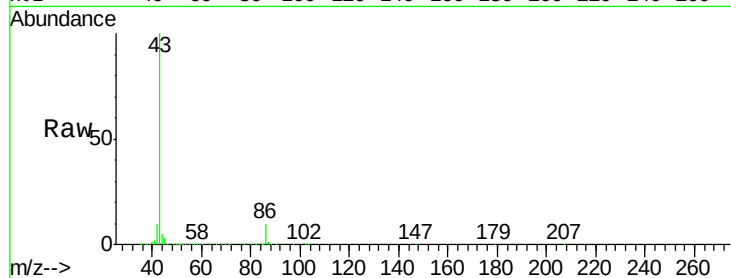
86 10.3 8.3 12.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.135 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

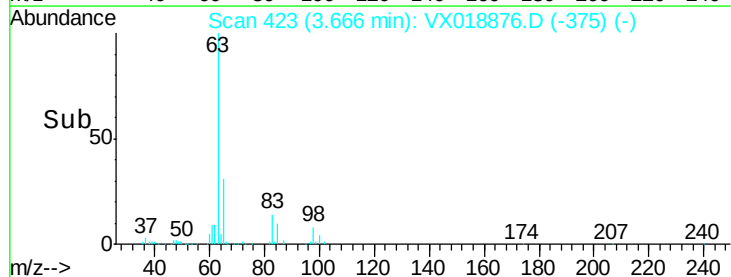
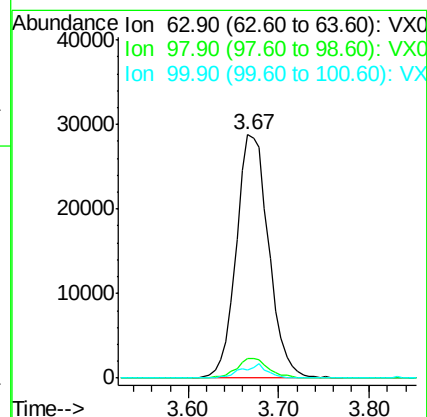
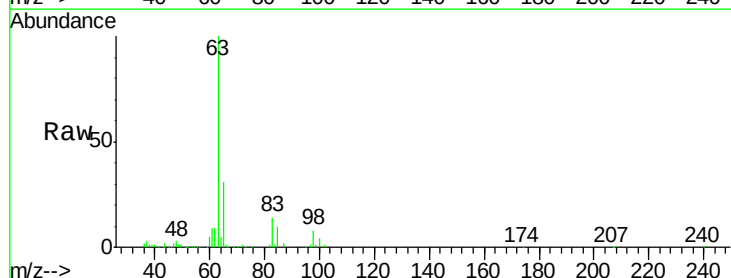
Tgt Ion: 63 Resp: 71345

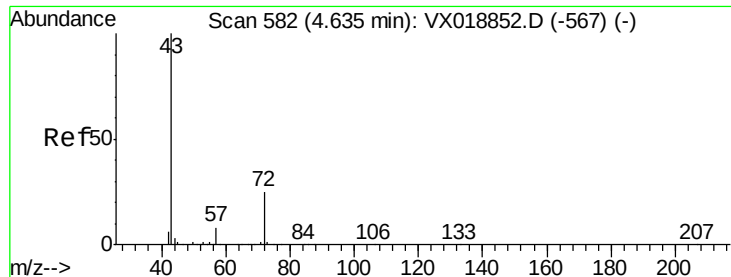
Ion Ratio Lower Upper

63 100

98 7.9 3.8 11.2

100 3.6 2.5 7.6





#25

2-Butanone

Concen: 91.874 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

Tot Ion: 43 Resp: 143303

Ion Ratio Lower Upper

43 100

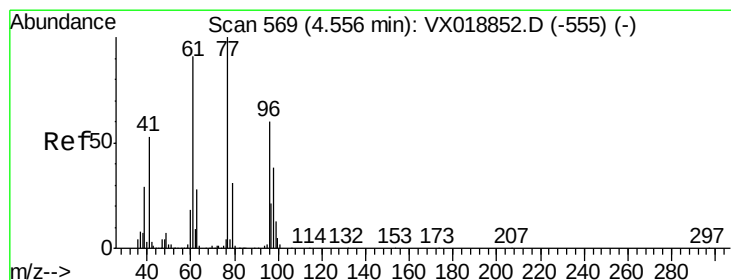
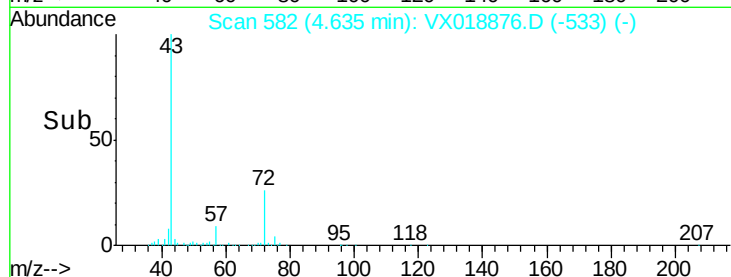
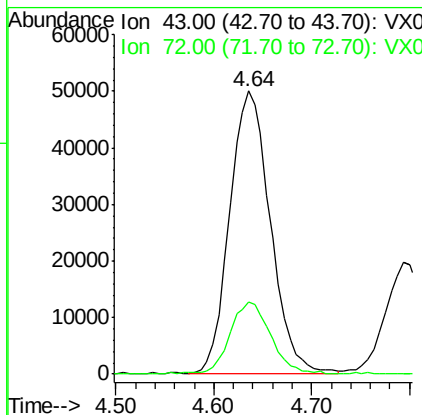
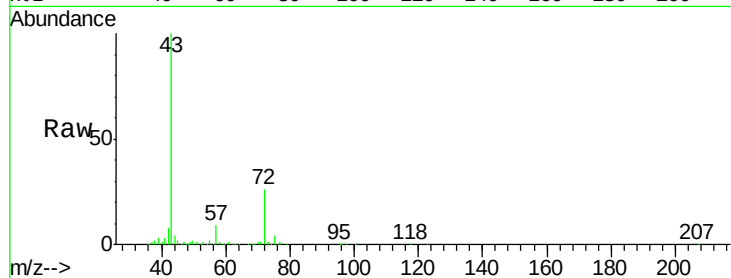
72 25.5 20.2 30.4

Manual Integrations

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MMDadoda

10/12/2020 2:23:40 PM



#26

2,2-Dichloropropane

Concen: 15.011 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX018876.D

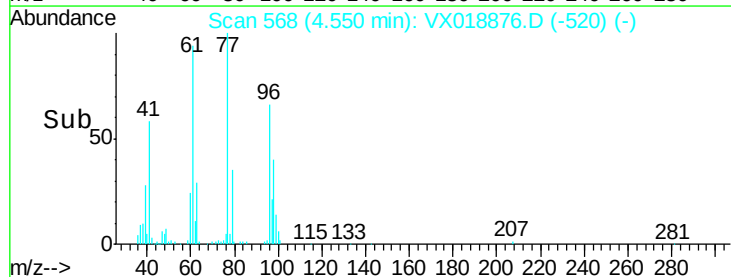
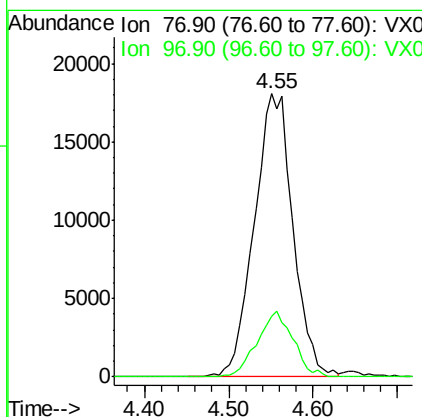
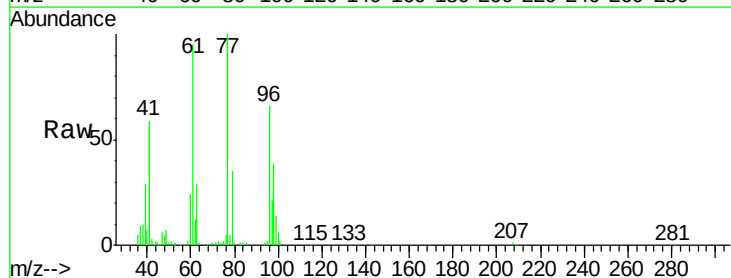
Acq: 10 Oct 2020 00:33

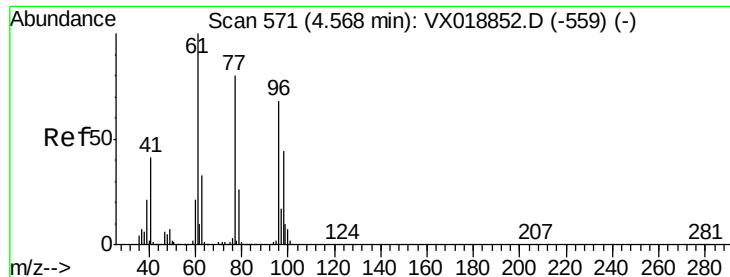
Tgt Ion: 77 Resp: 56978

Ion Ratio Lower Upper

77 100

97 21.7 10.4 31.4





#27

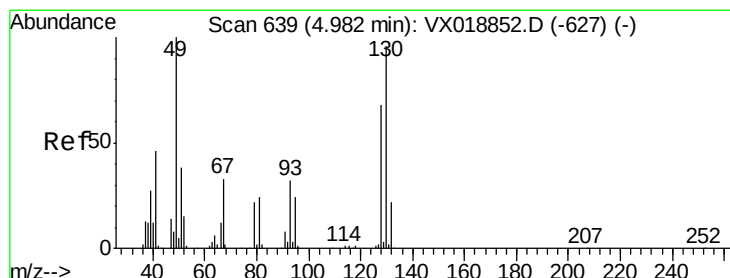
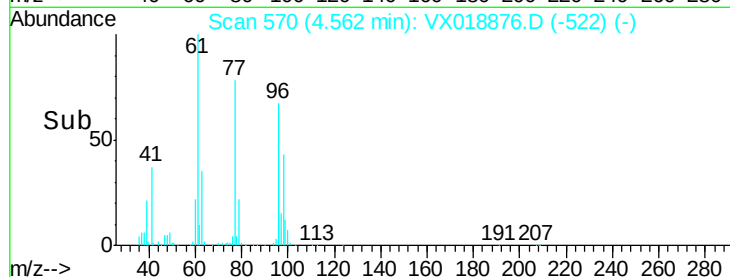
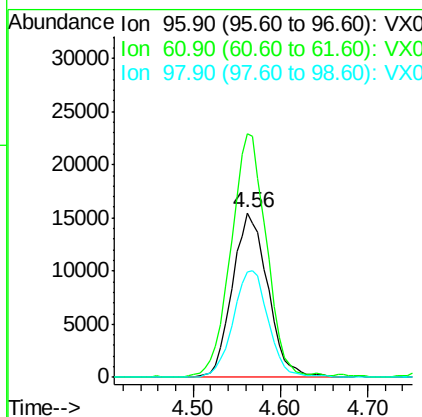
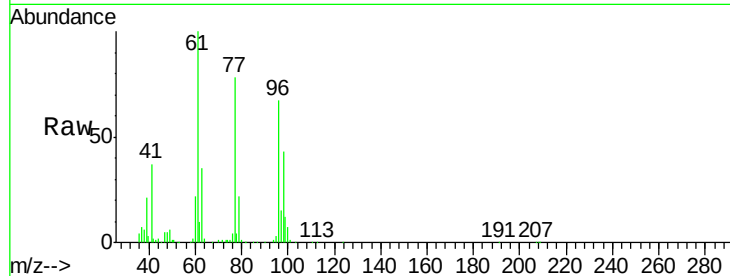
cis-1,2-Dichloroethene
 Concen: 18.764 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX018876.D
 Acq: 10 Oct 2020 00:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	148.8	0.0	306.8	
98	63.7	0.0	130.2	

Manual Integrations
 APPROVED

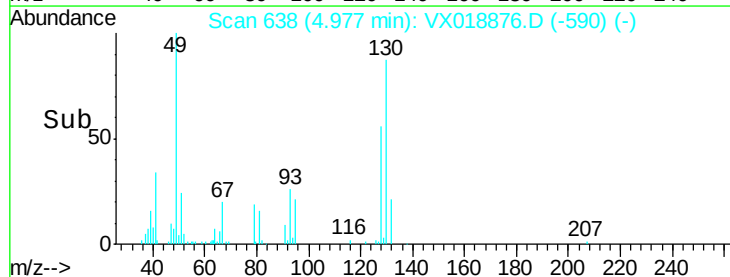
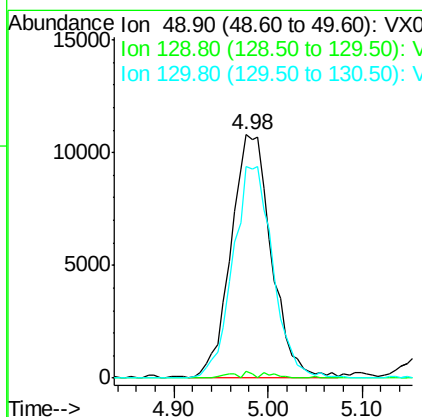
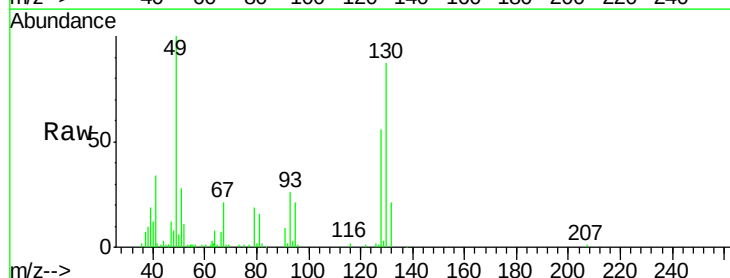
MMDadoda
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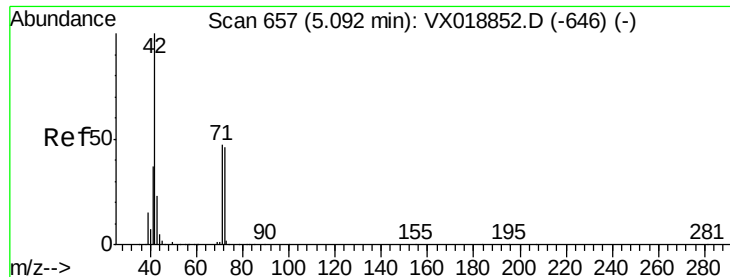


#28

Bromochloromethane
 Concen: 19.596 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX018876.D
 Acq: 10 Oct 2020 00:33

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	0.6	0.0	5.4	
130	85.8	71.2	106.8	





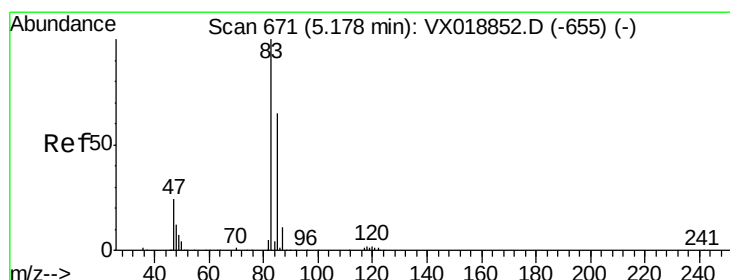
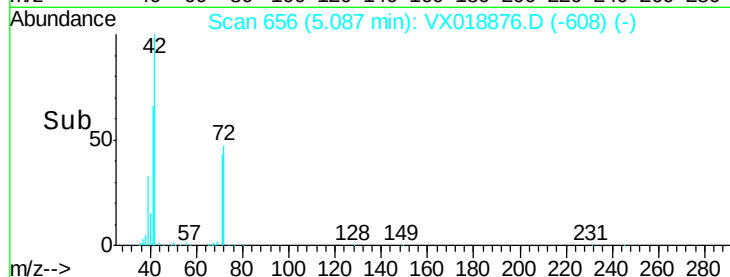
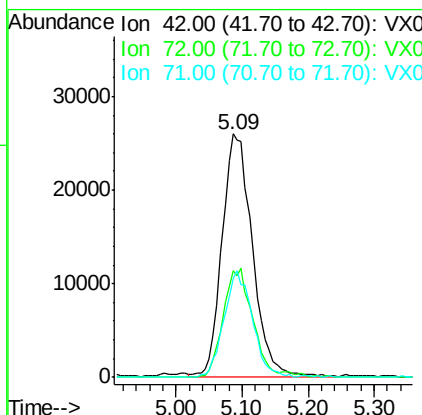
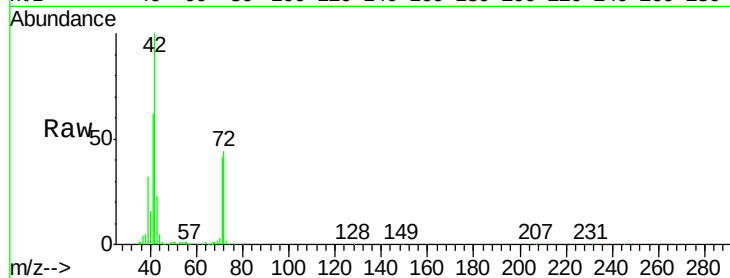
#29
Tetrahydrofuran
Concen: 98.007 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	36.4	54.6
71	41.3	35.2	52.8

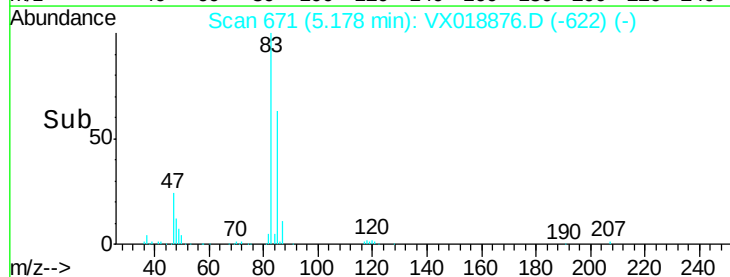
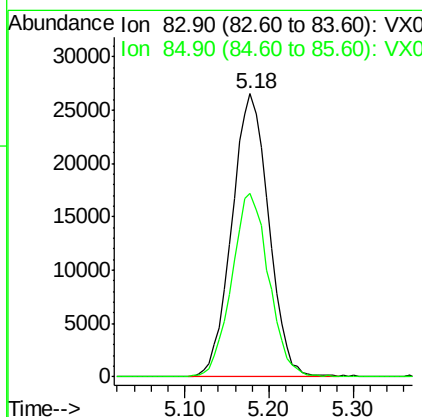
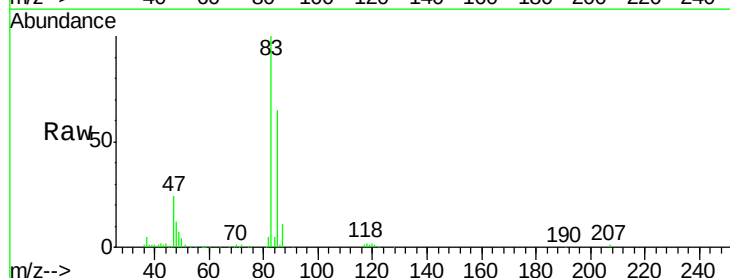
Manual Integrations
APPROVED

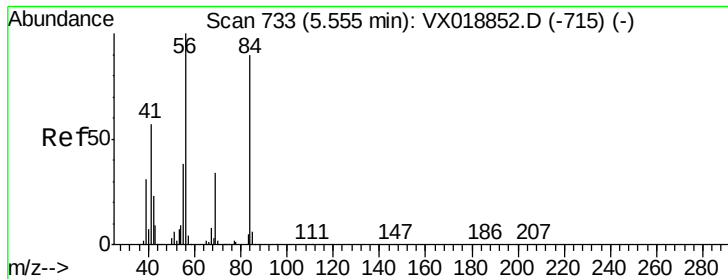
MMDadoda
10/12/2020 2:23:40 PM



#30
Chloroform
Concen: 18.124 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.8	77.8





#31

Cyclohexane

Concen: 18.579 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

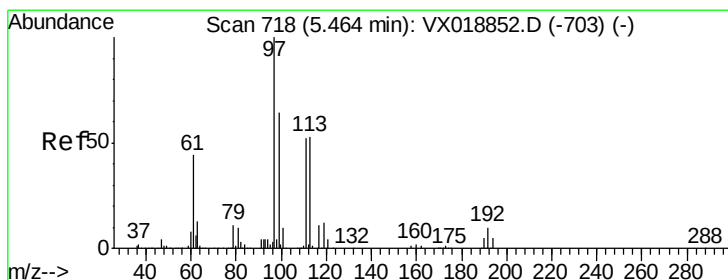
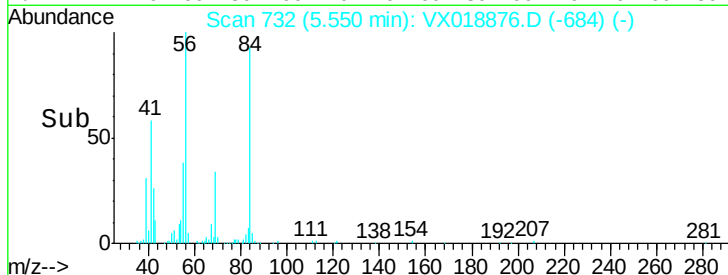
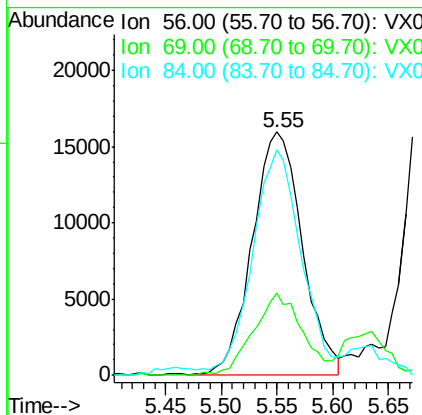
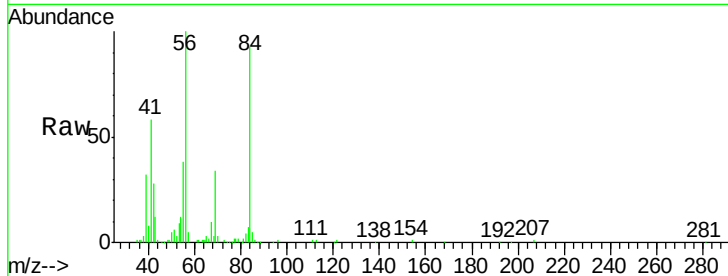
ClientSampleId :

VX1009WBSD02

Tot Ion:	56	Resp:	49973
Ion	Ratio	Lower	Upper
56	100		
69	34.0	27.1	40.7
84	91.0	71.7	107.5

Manual Integrations
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10/12/2020 2:23:40 PM



#32

1,1,1-Trichloroethane

Concen: 17.964 ug/l

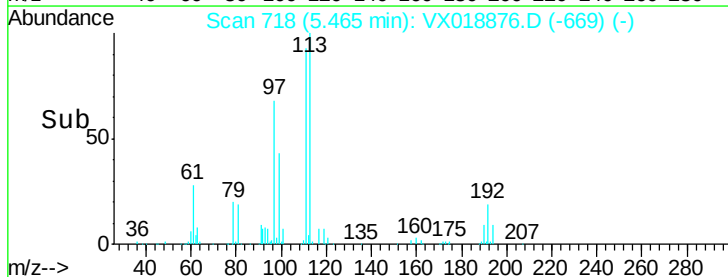
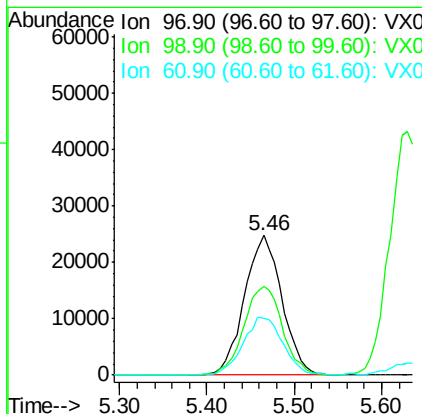
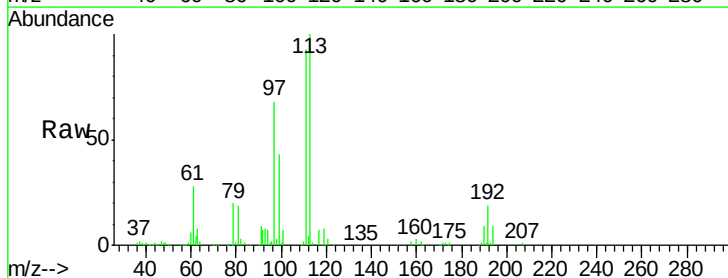
RT: 5.46 min Scan# 718

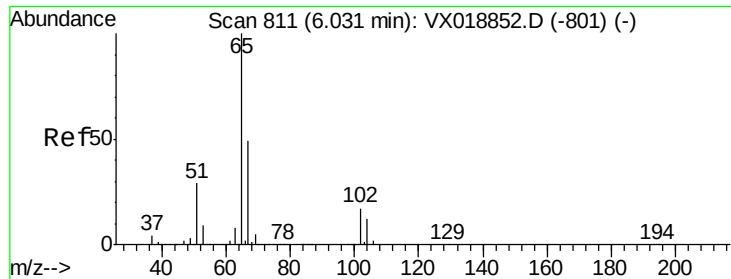
Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Tgt Ion:	97	Resp:	73992
Ion	Ratio	Lower	Upper
97	100		
99	65.5	52.1	78.1
61	43.9	35.3	52.9





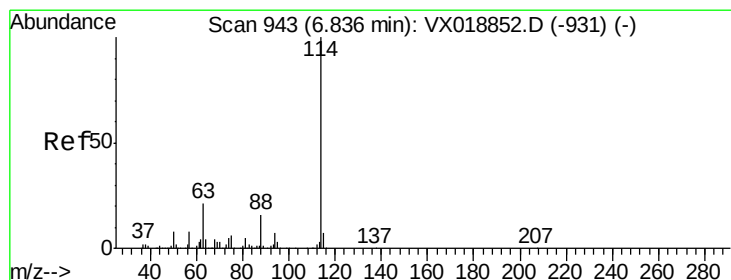
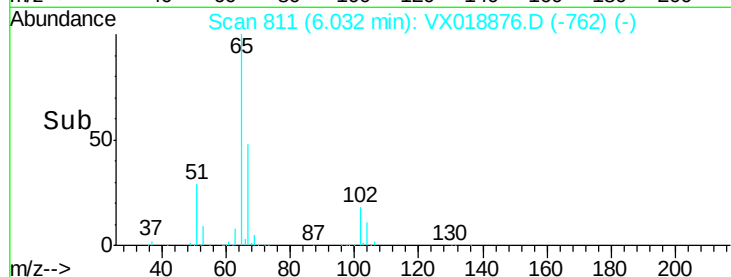
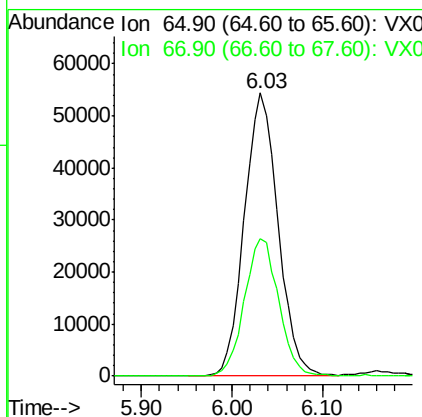
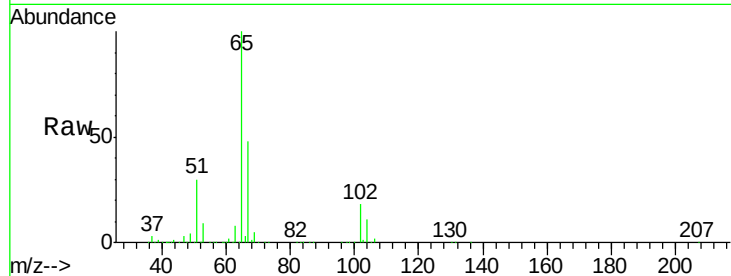
#33
 1,2-Dichloroethane-d4
 Concen: 48.728 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018876.D
 Acq: 10 Oct 2020 00:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

Tot Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	97.0

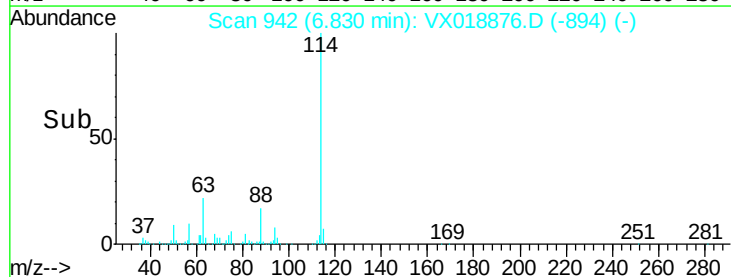
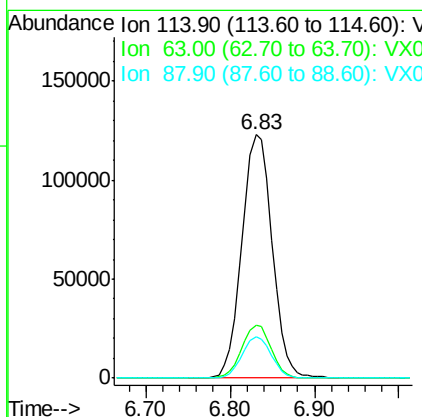
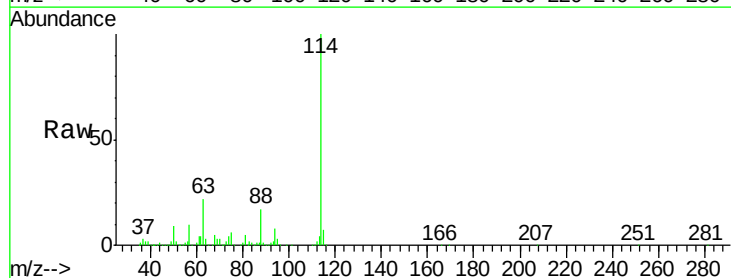
Manual Integrations
 APPROVED

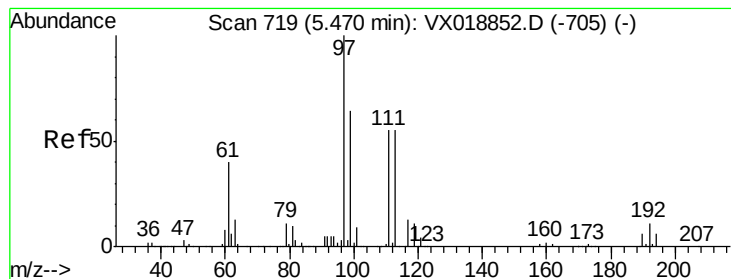
MMDadoda
 10/12/2020 2:23:40 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018876.D
 Acq: 10 Oct 2020 00:33

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	42.4
88	16.8	0.0	32.6





#35

Dibromofluoromethane

Concen: 47.561 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

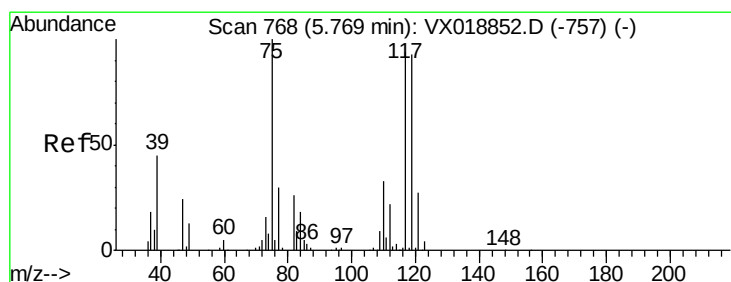
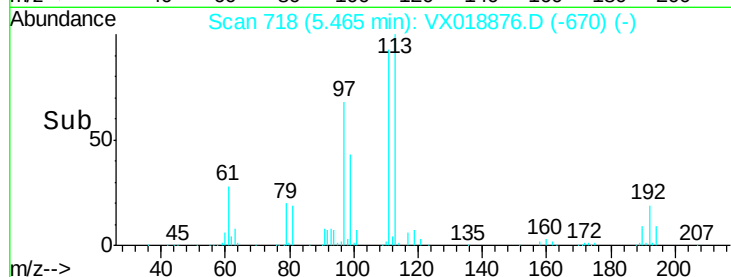
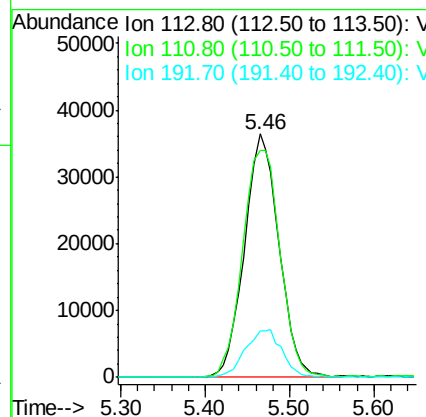
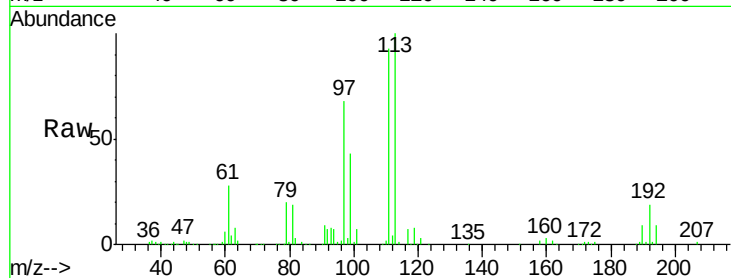
ClientSampleId :

VX1009WBSD02

Tot Ion:	113	Resp:	101062
Ion Ratio	Lower	Upper	
113	100		
111	101.6	80.1	120.1
192	20.9	16.0	24.0

Manual Integrations
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MMDadoda
10/12/2020 2:23:40 PM



#36

1,1-Dichloropropene

Concen: 17.150 ug/l

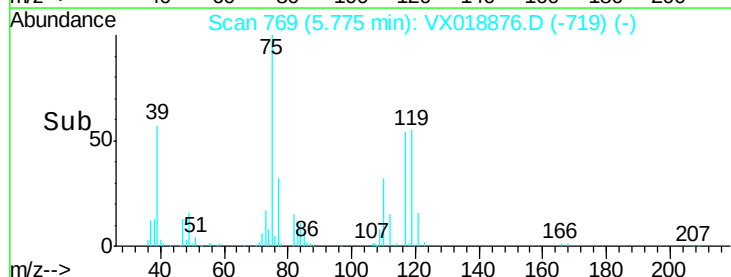
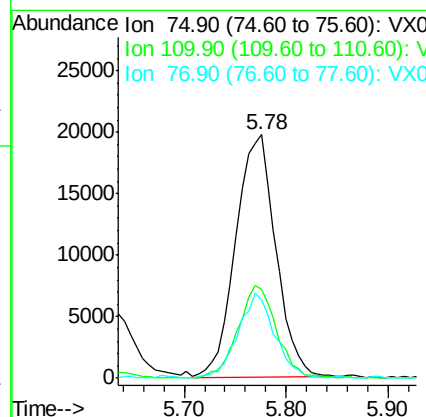
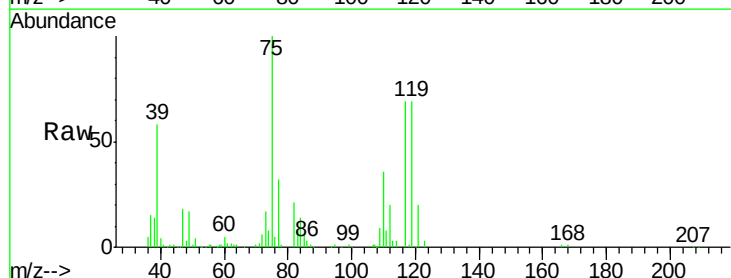
RT: 5.78 min Scan# 769

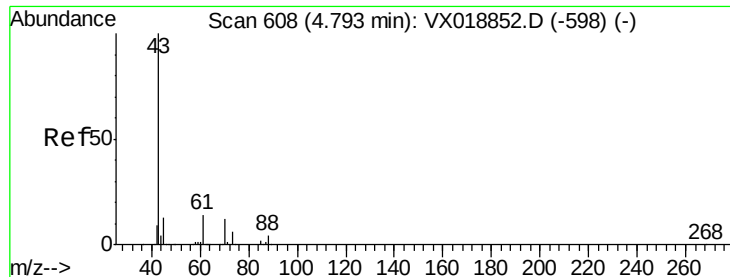
Delta R.T. 0.01 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Tgt Ion:	75	Resp:	53764
Ion Ratio	Lower	Upper	
75	100		
110	36.6	17.8	53.5
77	32.3	24.2	36.4





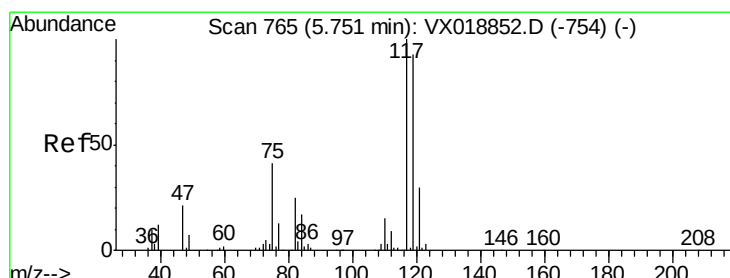
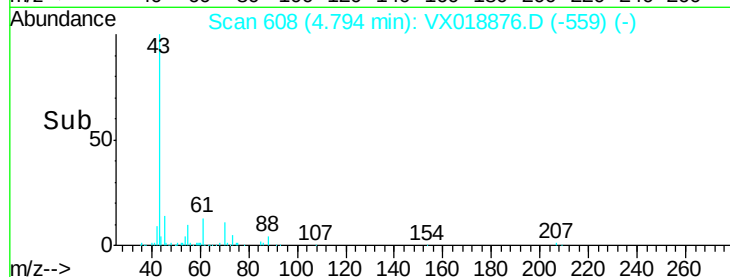
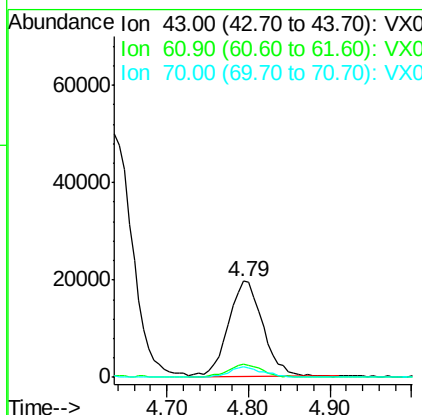
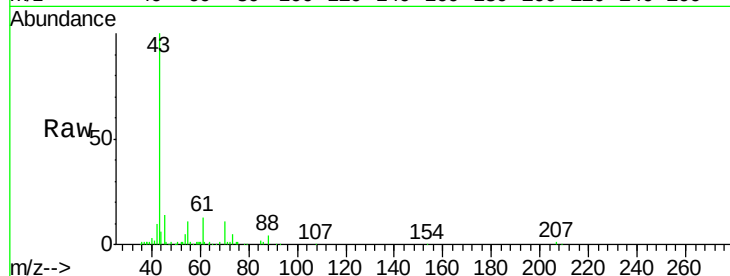
#37
Ethyl Acetate
Concen: 18.883 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	10.9	16.3
70	10.8	8.6	13.0

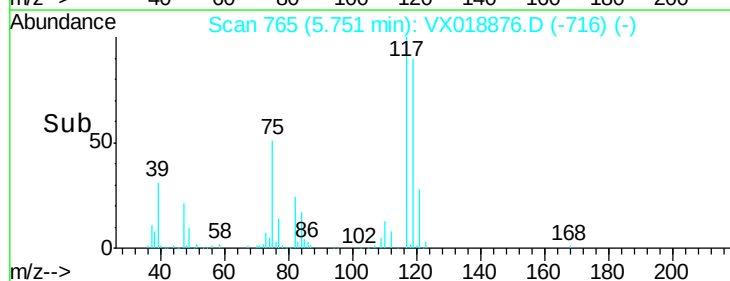
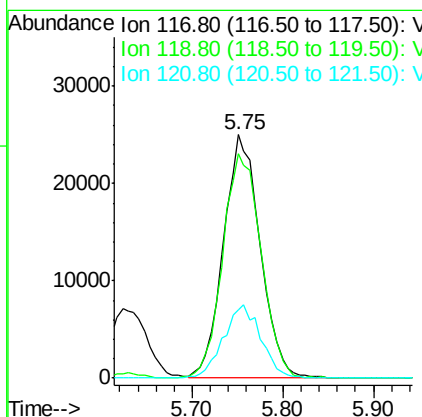
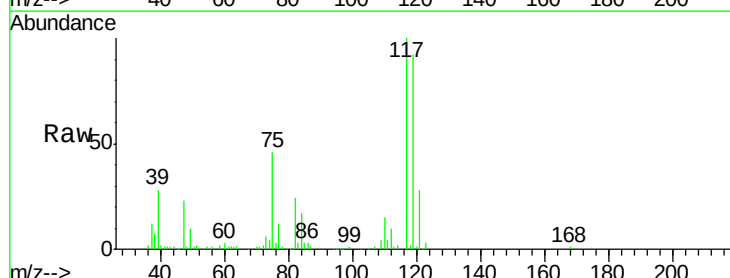
Manual Integrations
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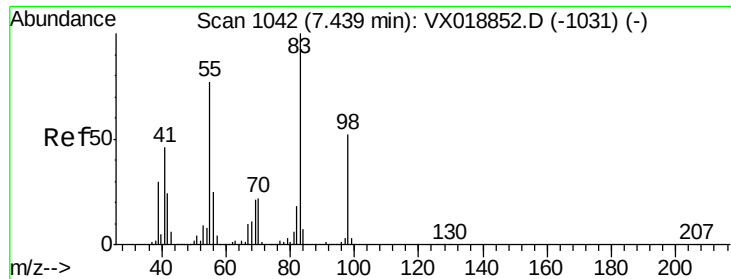
MMDadoda
10/12/2020 2:23:40 PM



#38
Carbon Tetrachloride
Concen: 18.129 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.4	73.9	110.9
121	28.3	23.6	35.4





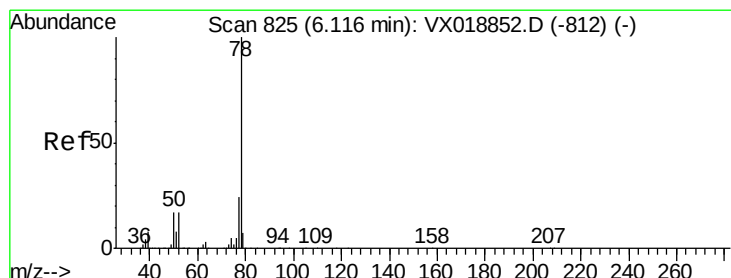
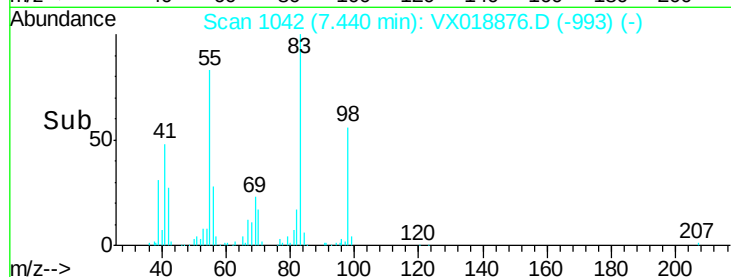
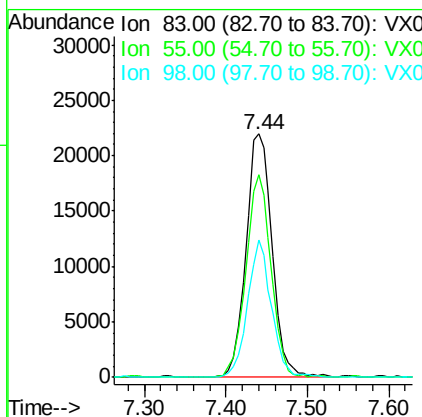
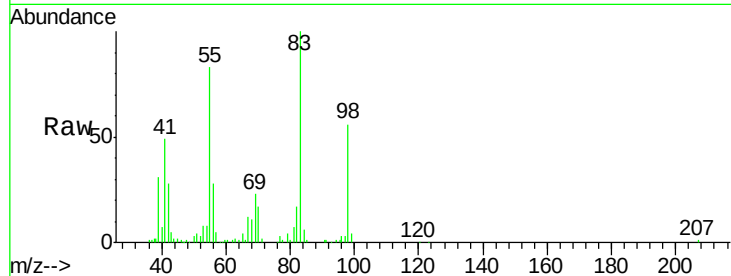
#39
Methylvlcyclohexane
Concen: 17.000 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
83	100	49128		
55	83.0		61.8	92.6
98	56.4		41.4	62.0

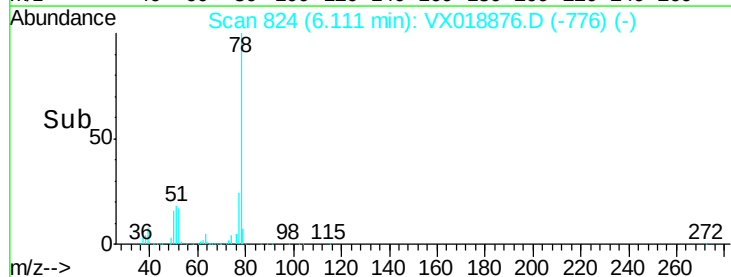
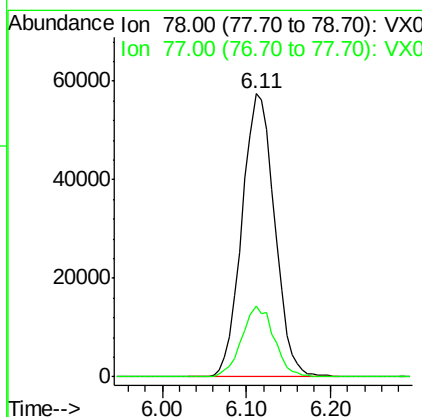
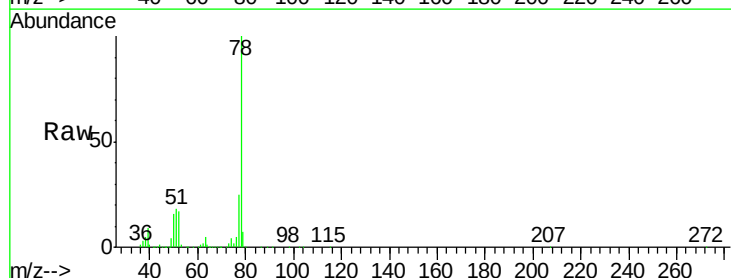
Manual Integrations
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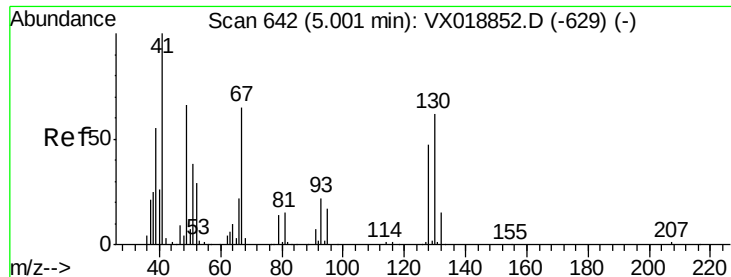
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10/12/2020 2:23:40 PM



#40
Benzene
Concen: 17.895 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	150718		
77	24.9		19.1	28.7





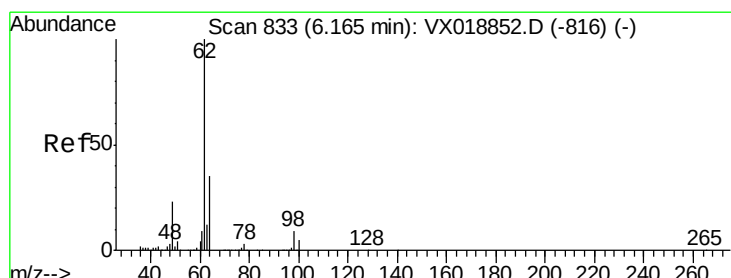
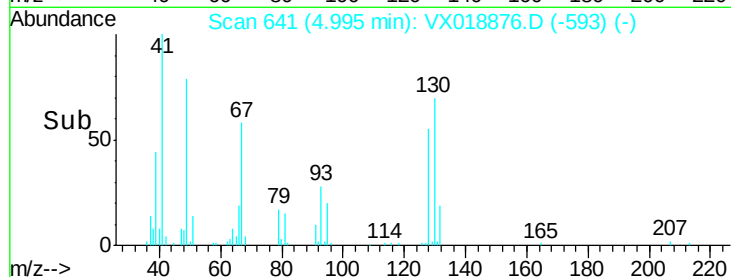
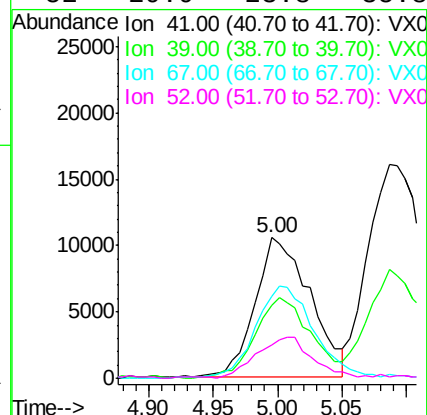
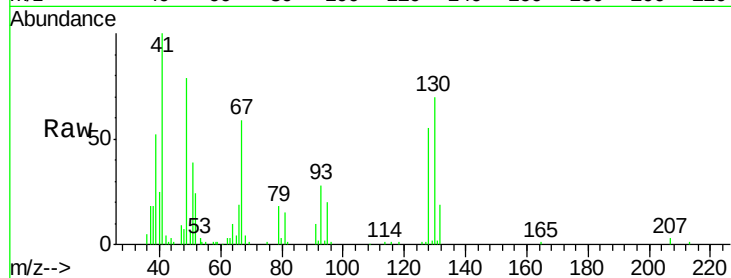
#41
Methacrylonitrile
Concen: 17.843 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion	Ion	Ratio	Lower	Upper
31336	41	100		
	39	57.1	45.4	68.2
	67	69.8	55.4	83.2
	52	29.9	23.8	35.8

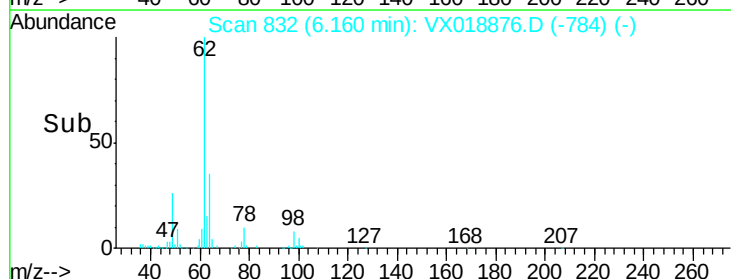
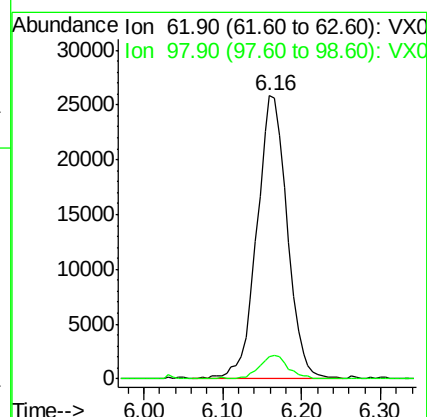
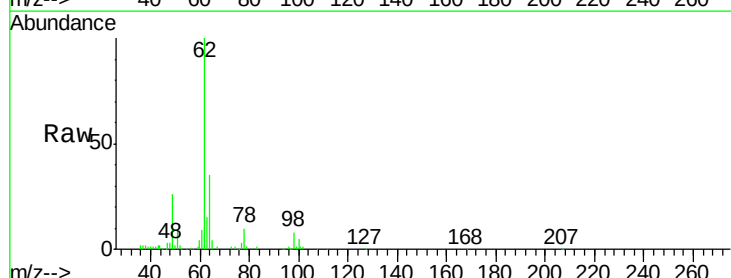
Manual Integrations
APPROVED

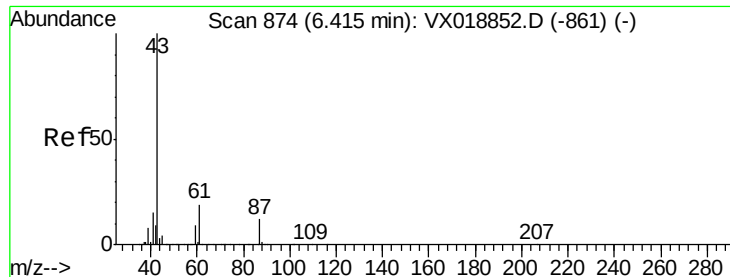
MMDadoda
10/12/2020 2:23:40 PM



#42
1,2-Dichloroethane
Concen: 17.581 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Tgt Ion	Ion	Ratio	Lower	Upper
69421	62	100		
	98	7.9	0.0	16.4





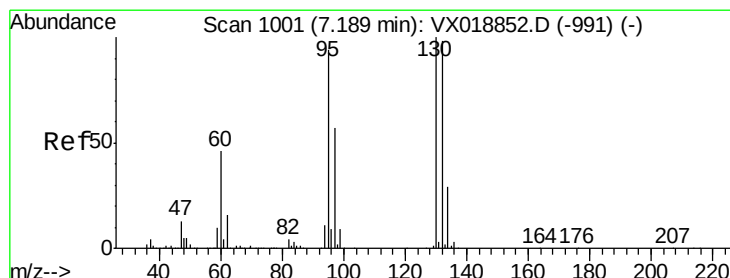
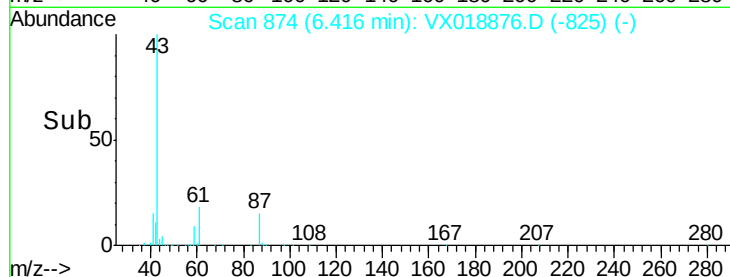
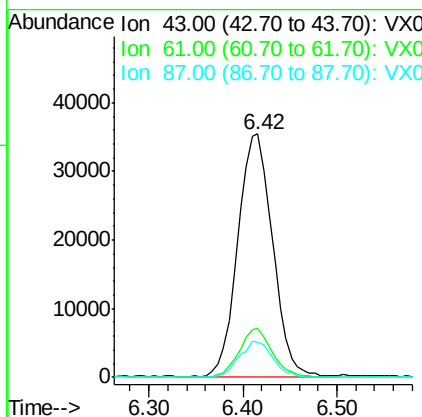
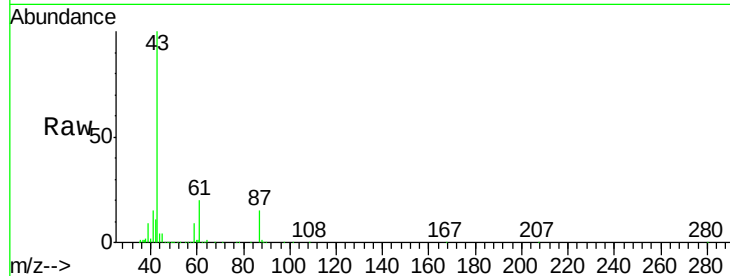
#43
Isopropyl Acetate
Concen: 18.148 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.5	23.3
87	14.3	10.8	16.2

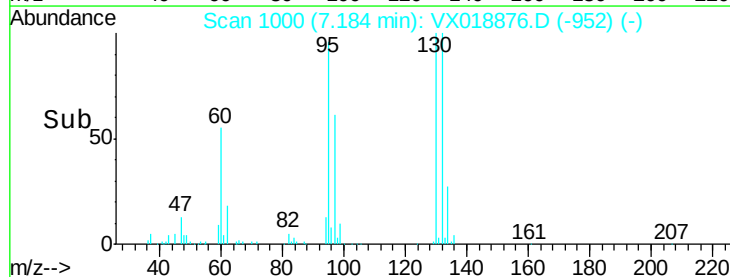
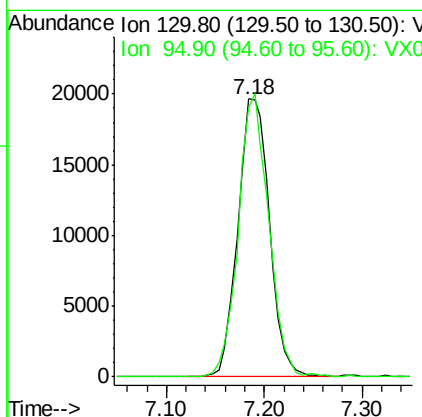
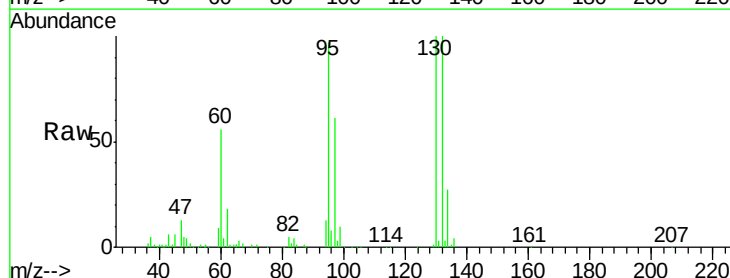
Manual Integrations
APPROVED

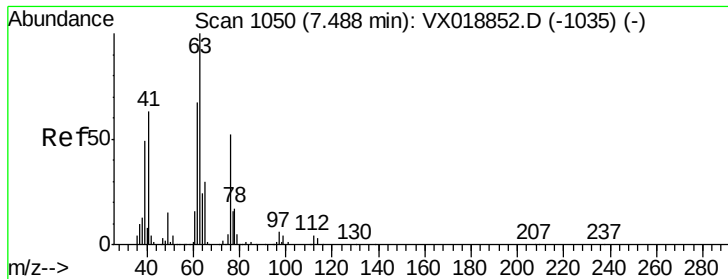
MMDadoda
10/12/2020 2:23:40 PM



#44
Trichloroethene
Concen: 17.419 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	188.4





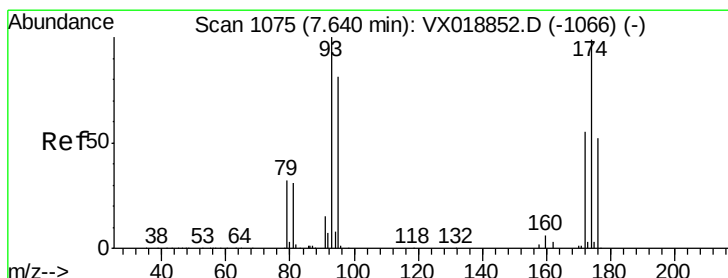
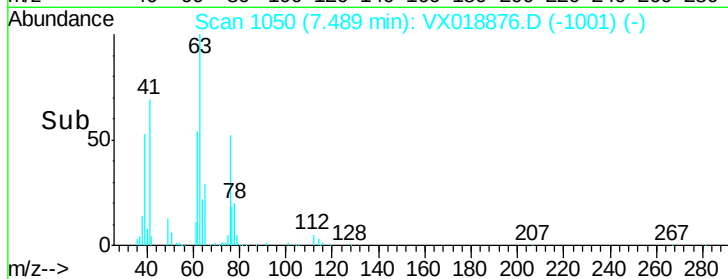
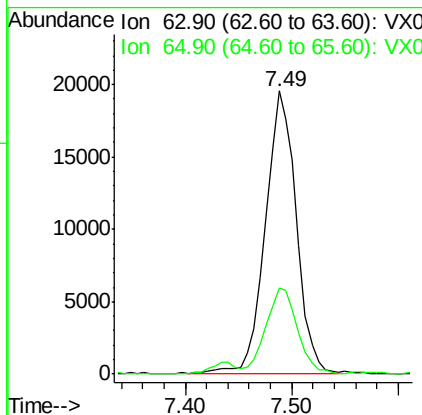
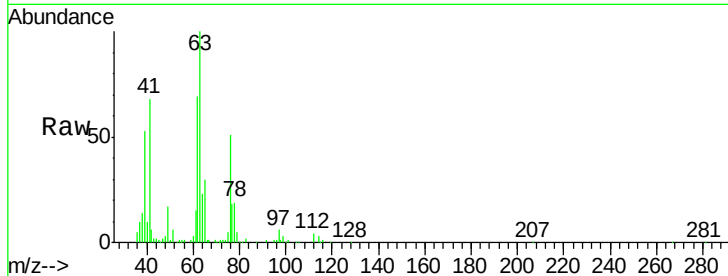
#45
 1,2-Dichloropropane
 Concen: 17.663 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX018876.D
 Acq: 10 Oct 2020 00:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.5	24.2	36.4

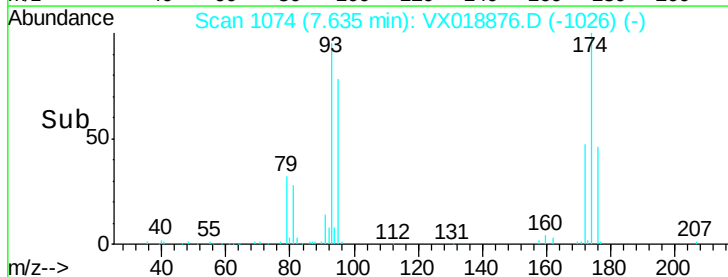
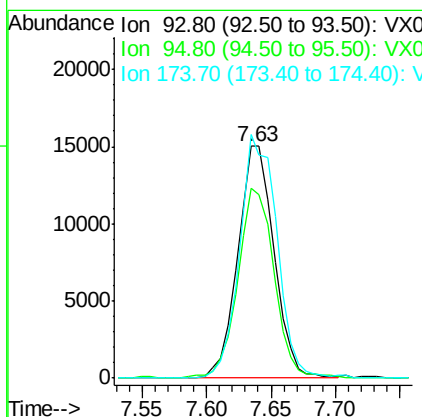
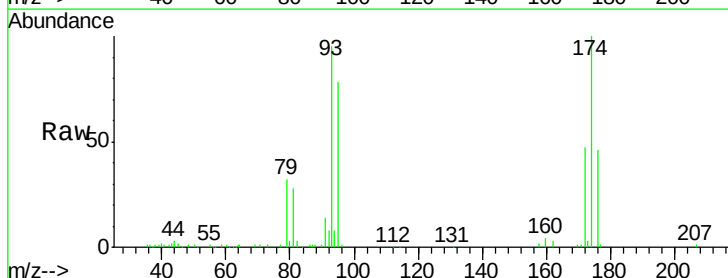
Manual Integrations
 APPROVED

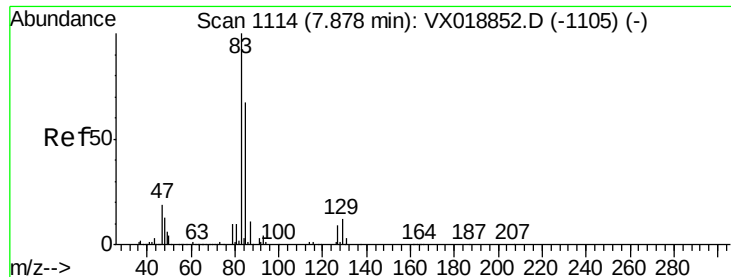
MMDadoda
 10/12/2020 2:23:40 PM



#46
 Dibromomethane
 Concen: 17.762 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX018876.D
 Acq: 10 Oct 2020 00:33

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.3	66.1	99.1
174	107.8	84.6	127.0





#47

Bromodichloromethane

Concen: 17.580 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

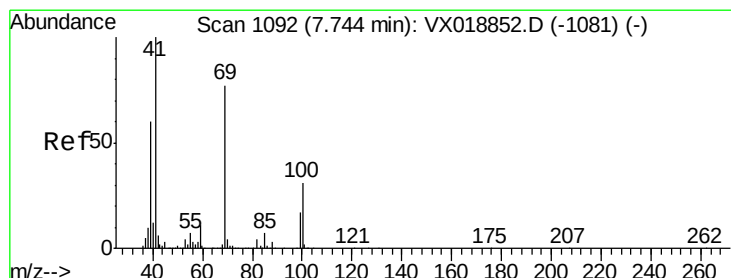
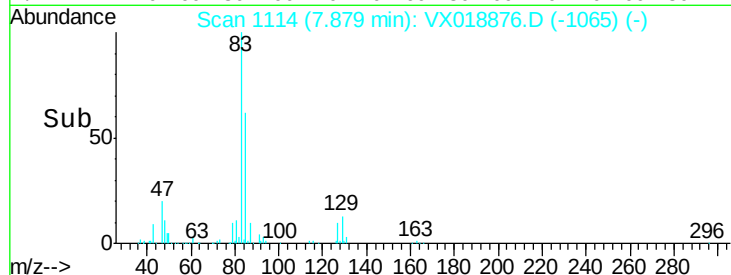
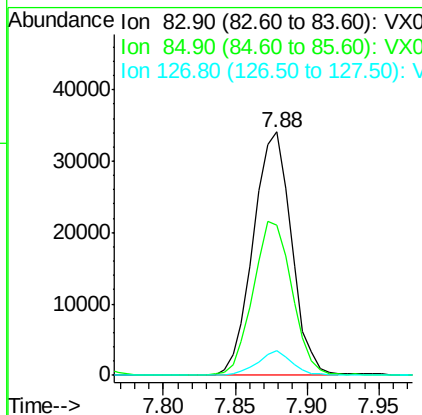
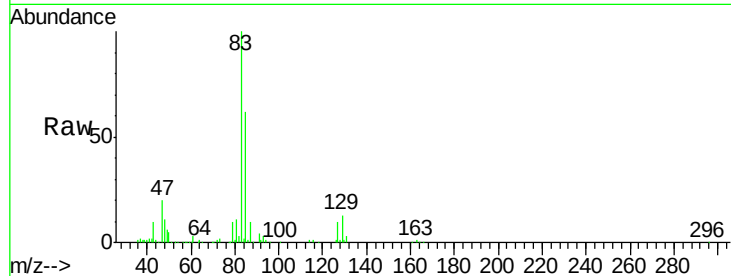
ClientSampleId :

VX1009WBSD02

Tot Ion:	83	Resp:	62739
Ion	Ratio	Lower	Upper
83	100		
85	61.7	53.8	80.6
127	10.0	7.5	11.3

Manual Integrations
APPROVED

MMDadoda
10/12/2020 2:23:40 PM



#48

Methyl methacrylate

Concen: 18.129 ug/l

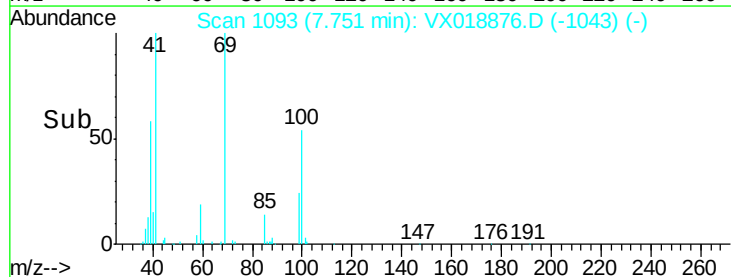
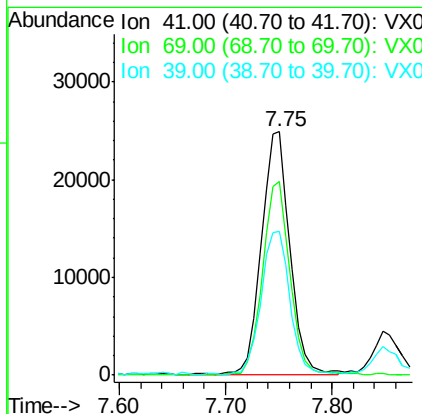
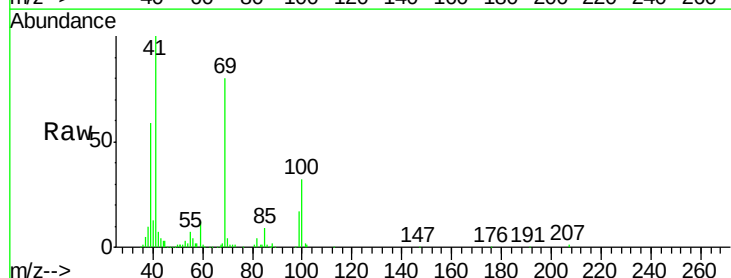
RT: 7.75 min Scan# 1093

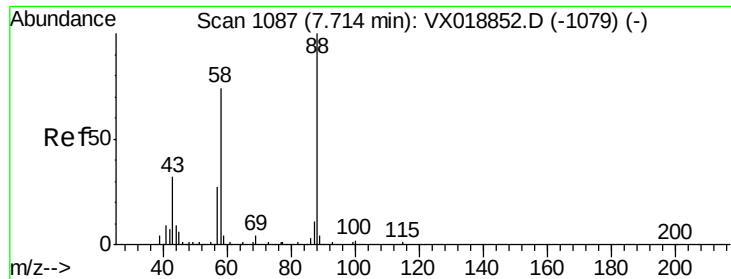
Delta R.T. 0.01 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Tgt Ion:	41	Resp:	46280
Ion	Ratio	Lower	Upper
41	100		
69	77.3	64.6	97.0
39	60.7	48.6	73.0





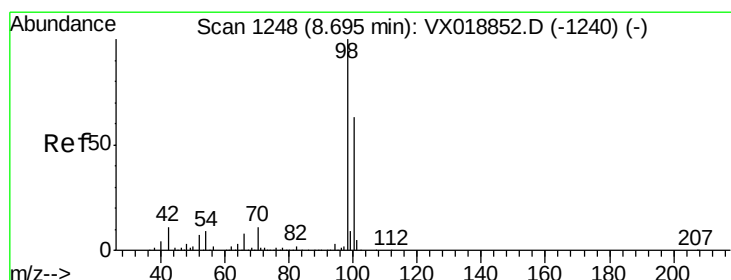
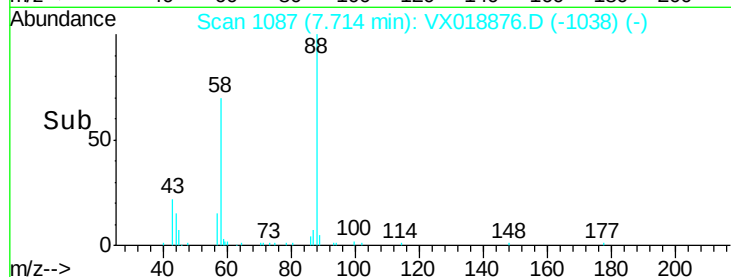
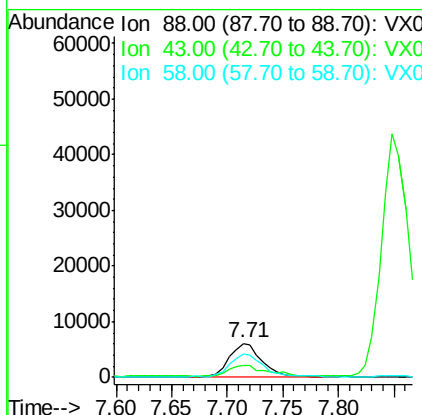
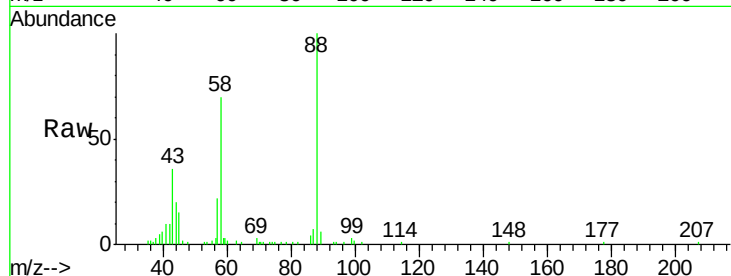
#49
1,4-Dioxane
Concen: 338.532 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	42.6	31.0	46.6
58	76.4	59.3	88.9

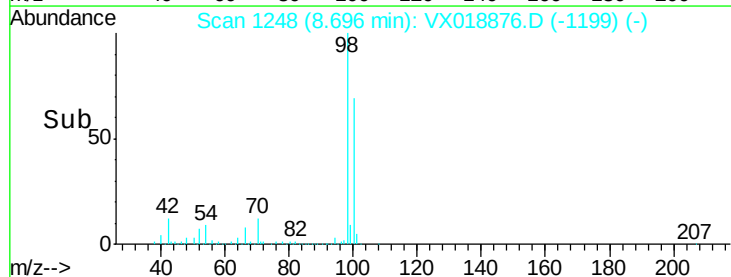
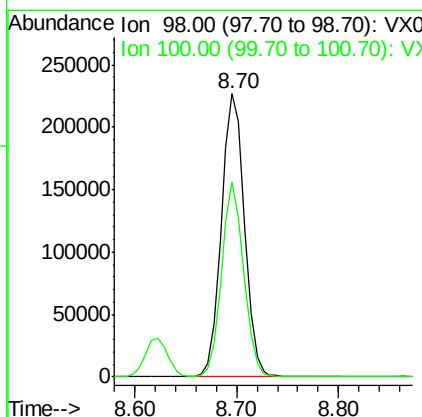
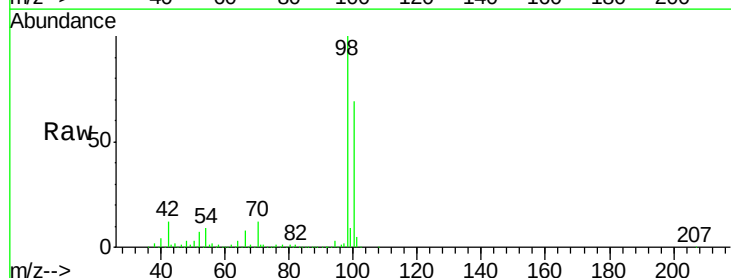
Manual Integrations
APPROVED

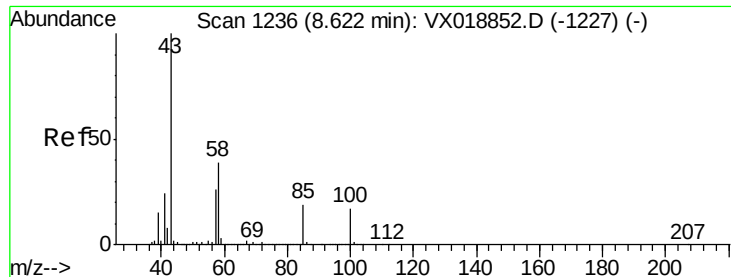
MMDadoda
10/12/2020 2:23:40 PM



#50
Toluene-d8
Concen: 48.326 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.1	79.7





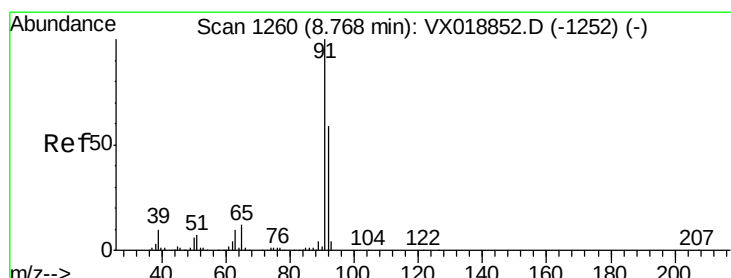
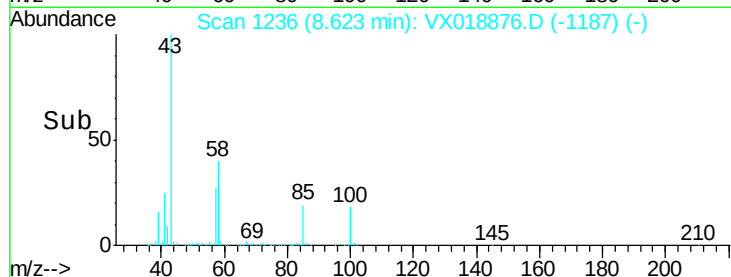
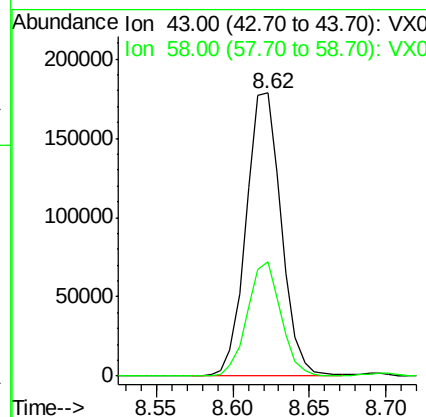
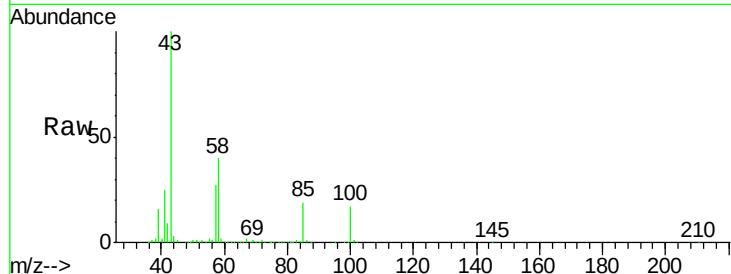
#51
 4-Methyl-2-Pentanone
 Concen: 96.832 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX018876.D
 Acq: 10 Oct 2020 00:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.8	30.9	46.3

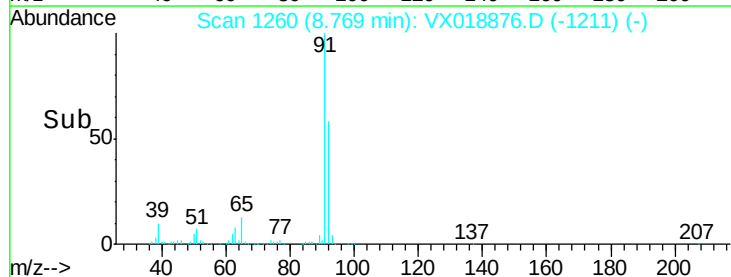
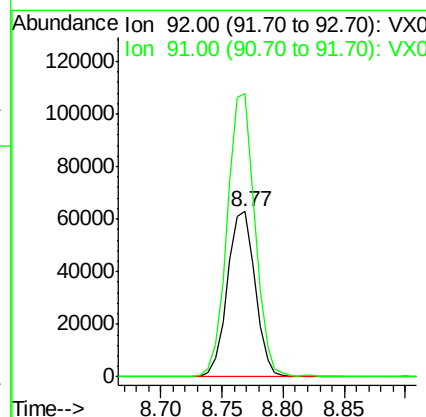
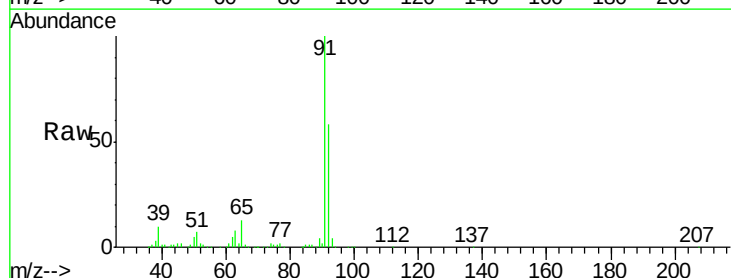
Manual Integrations
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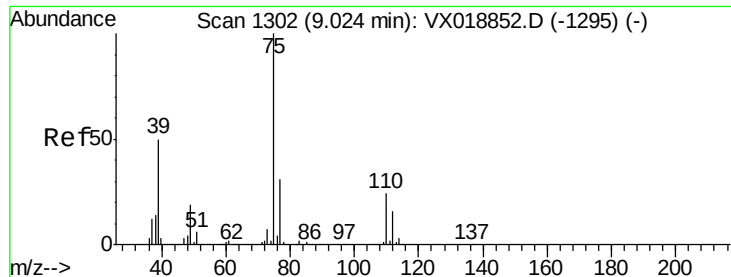
MMDadoda
 10/12/2020 2:23:40 PM



#52
 Toluene
 Concen: 18.407 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VX018876.D
 Acq: 10 Oct 2020 00:33

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.6	138.2	207.4





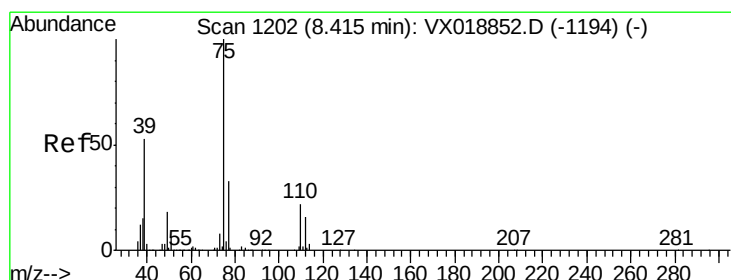
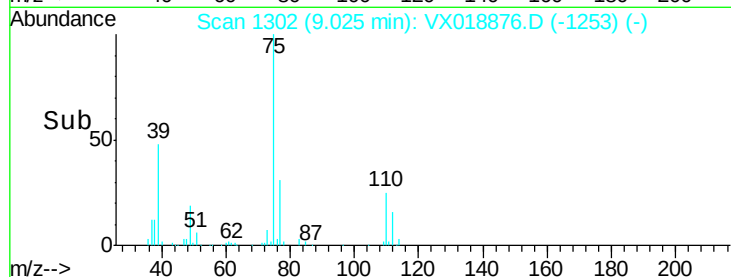
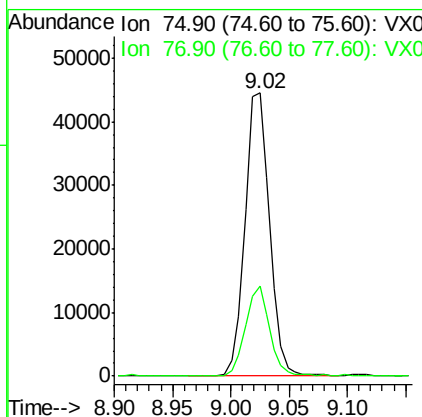
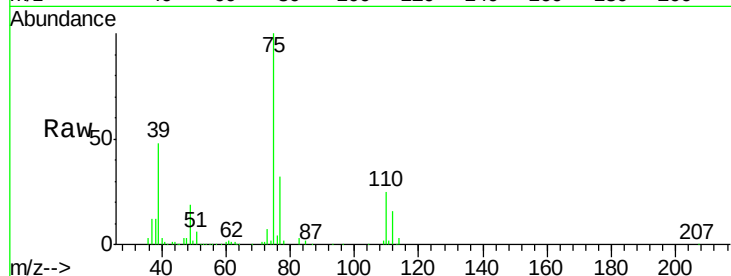
#53
t-1,3-Dichloropropene
Concen: 17.831 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion: 75 Resp: 65890
Ion Ratio Lower Upper
75 100
77 31.7 25.1 37.7

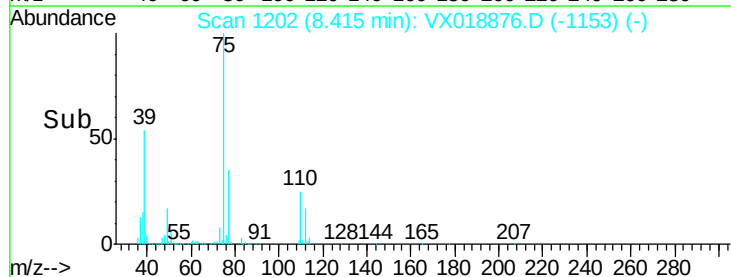
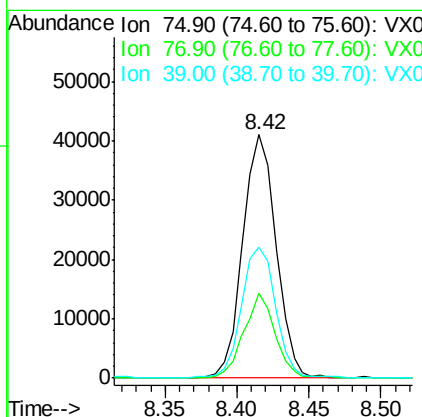
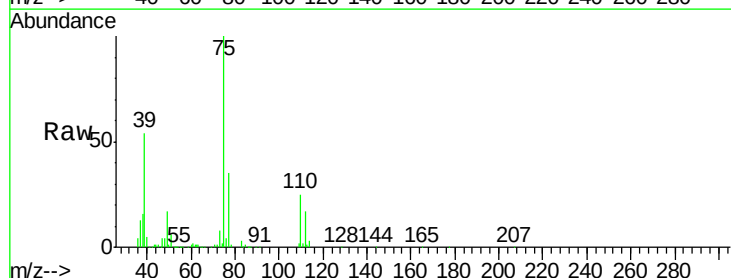
Manual Integrations
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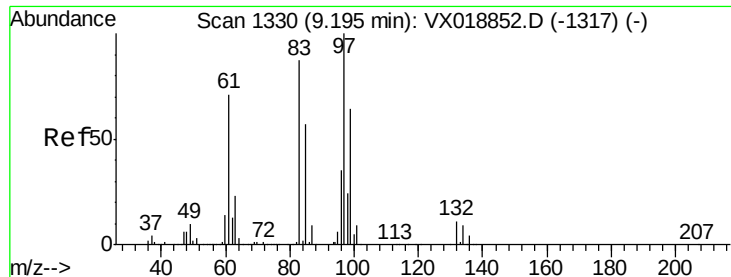
MMDadoda
10/12/2020 2:23:40 PM



#54
cis-1,3-Dichloropropene
Concen: 17.328 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Tgt Ion: 75 Resp: 65869
Ion Ratio Lower Upper
75 100
77 35.1 26.6 39.8
39 53.8 42.6 64.0





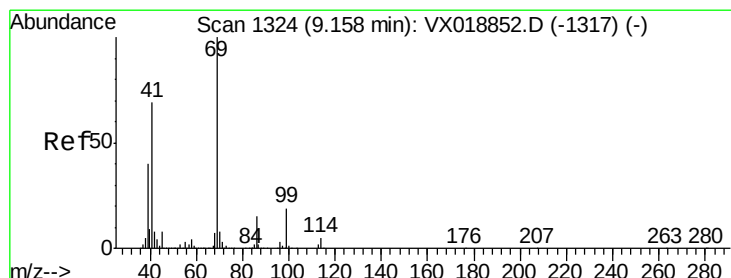
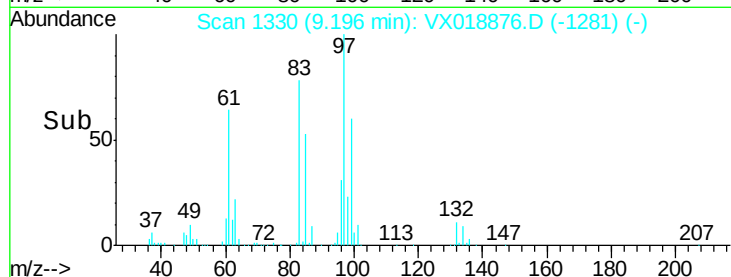
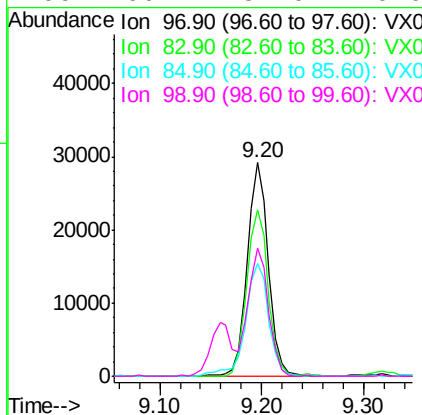
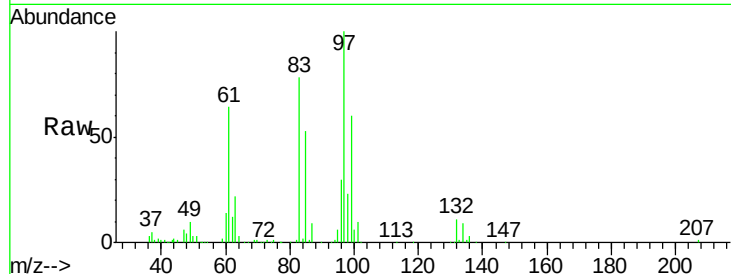
#55
 1,1,2-Trichloroethane
 Concen: 18.075 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018876.D
 Acq: 10 Oct 2020 00:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

Tot Ion:	97	Resp:	41963
Ion	Ratio	Lower	Upper
97	100		
83	77.8	69.3	103.9
85	52.9	45.3	67.9
99	60.1	51.0	76.6

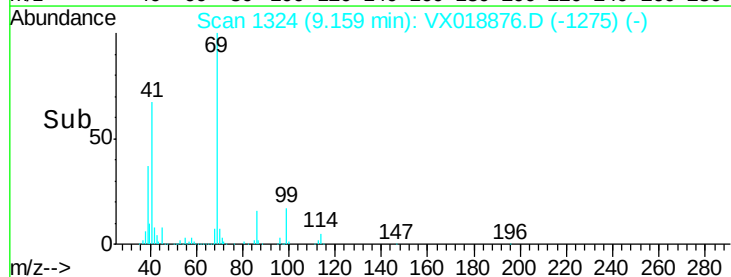
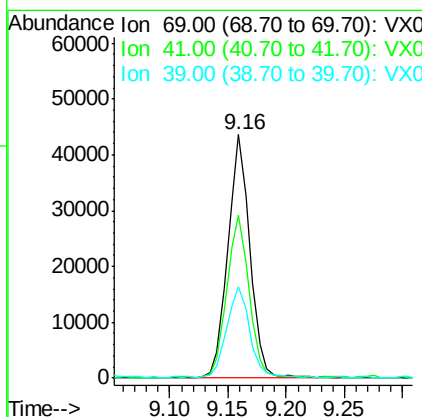
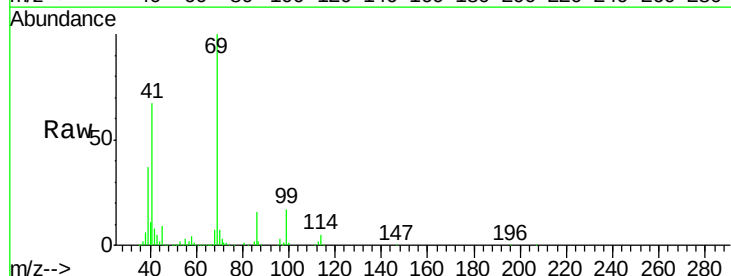
Manual Integrations
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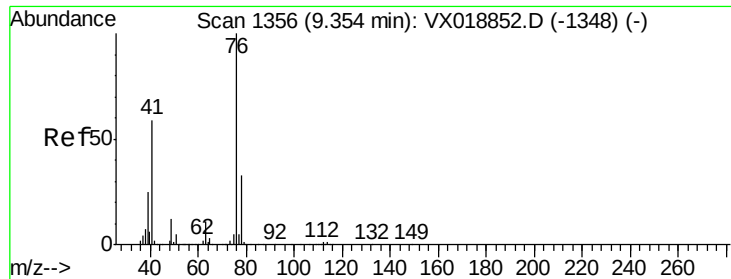
MMDadoda
 10/12/2020 2:23:40 PM



#56
 Ethyl methacrylate
 Concen: 18.916 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX018876.D
 Acq: 10 Oct 2020 00:33

Tgt Ion:	69	Resp:	57541
Ion	Ratio	Lower	Upper
69	100		
41	66.6	54.6	81.8
39	38.3	31.5	47.3





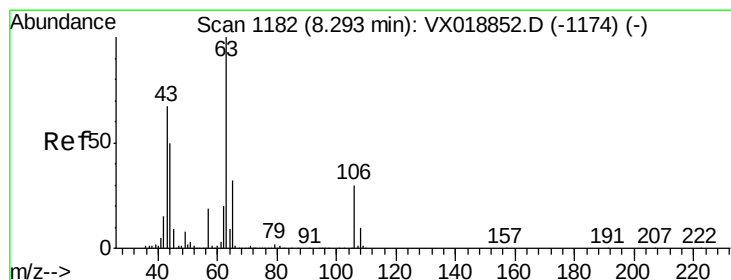
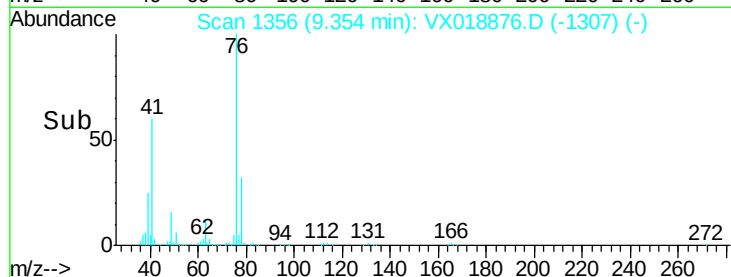
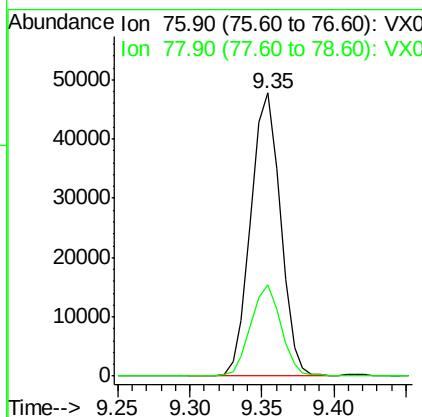
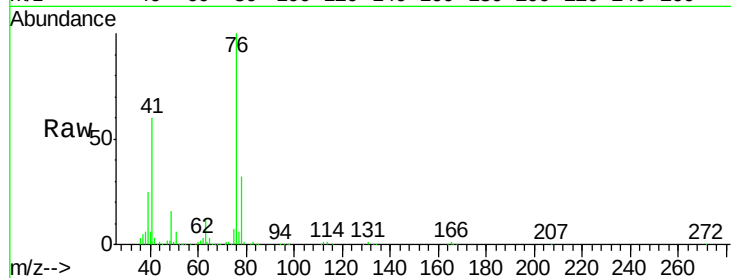
#57
 1,3-Dichloropropane
 Concen: 18.142 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX018876.D
 Acq: 10 Oct 2020 00:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.9	26.2	39.2

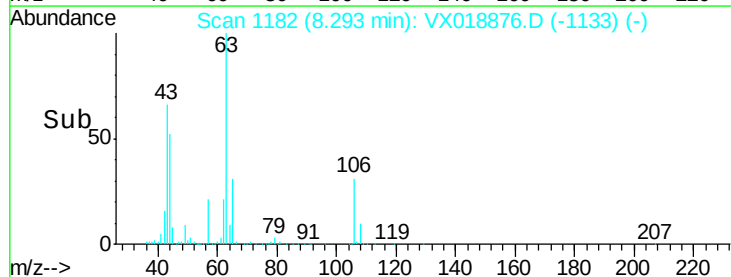
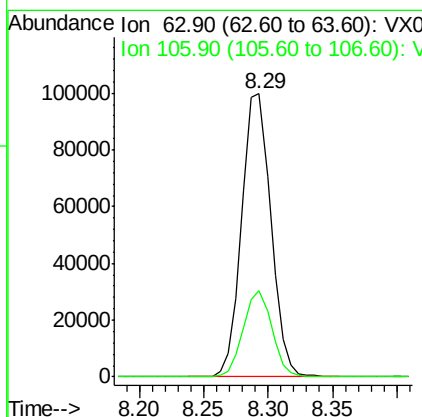
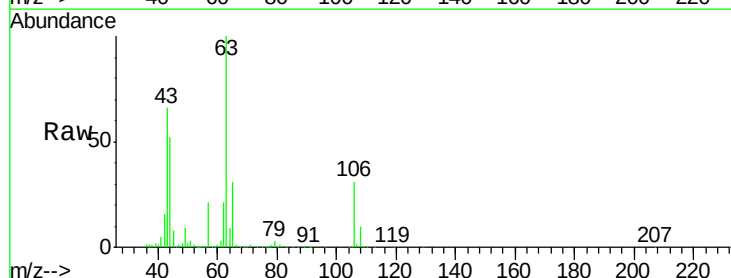
Manual Integrations
 APPROVED

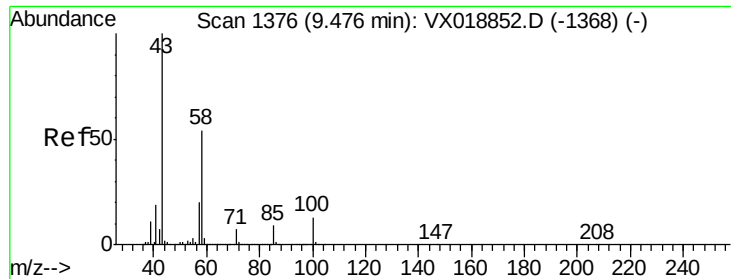
MMDadoda
 10/12/2020 2:23:40 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.397 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX018876.D
 Acq: 10 Oct 2020 00:33

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.9	24.2	36.4





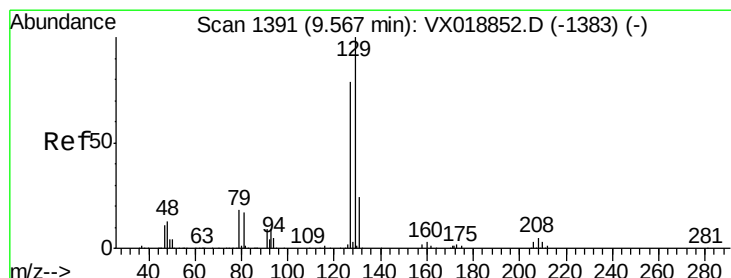
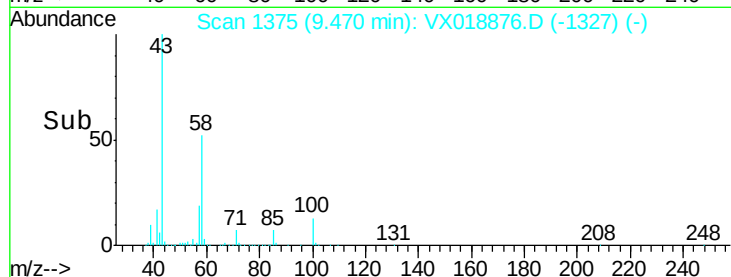
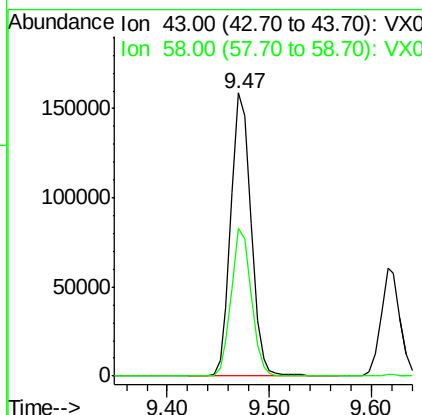
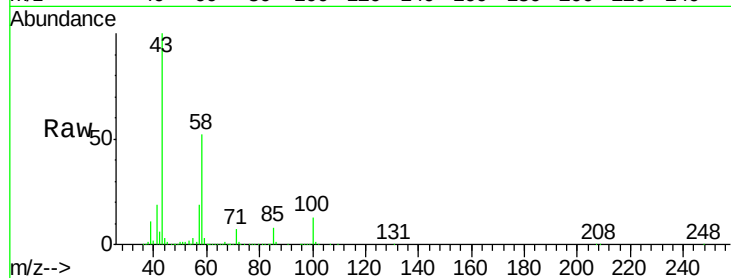
#59
2-Hexanone
Concen: 96.500 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion: 43 Resp: 215896
Ion Ratio Lower Upper
43 100
58 51.9 26.7 80.1

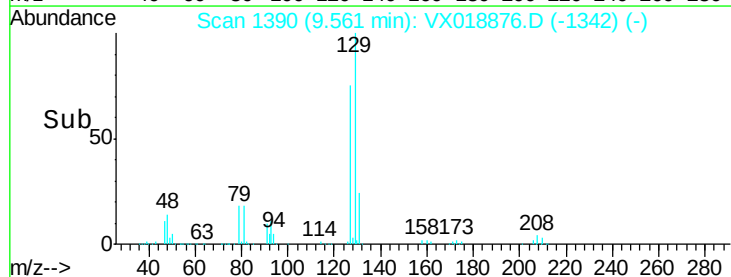
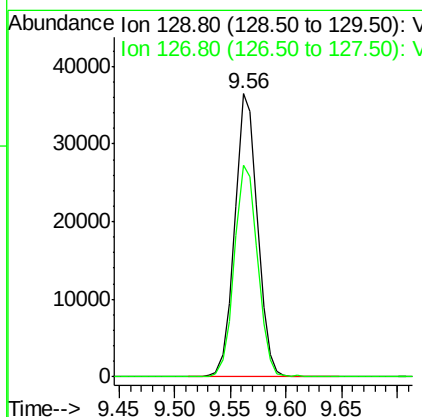
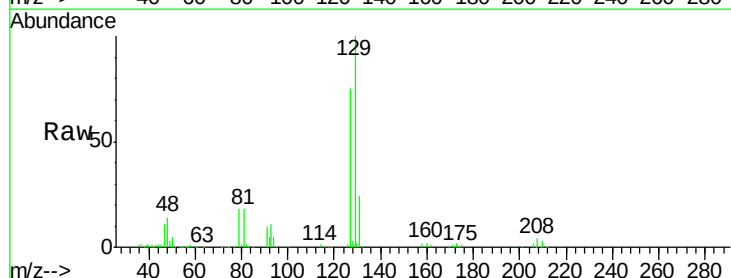
Manual Integrations
APPROVED

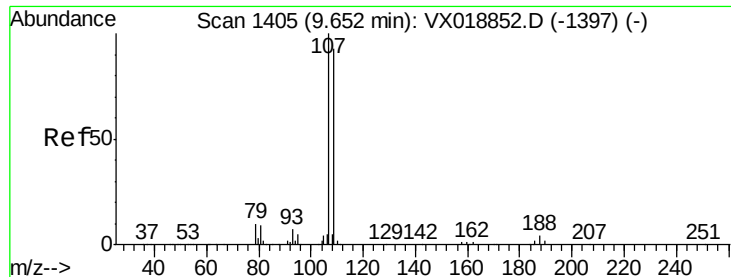
MMDadoda
10/12/2020 2:23:40 PM



#60
Dibromochloromethane
Concen: 17.727 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Tgt Ion: 129 Resp: 51663
Ion Ratio Lower Upper
129 100
127 76.6 39.5 118.5





#61

1,2-Dibromoethane

Concen: 18.645 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

Tot Ion: 107 Resp: 46419

Ion Ratio Lower Upper

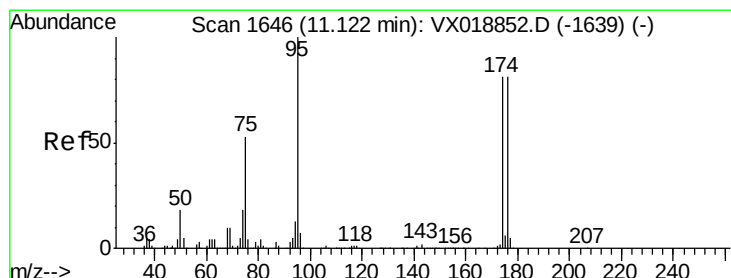
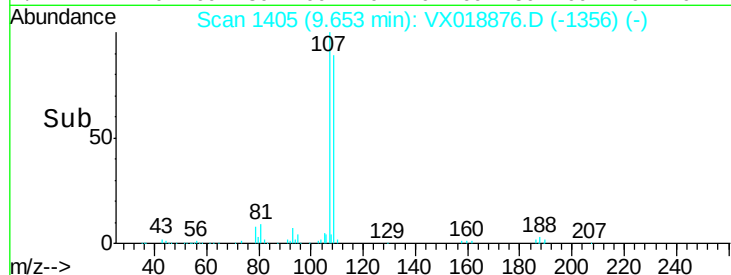
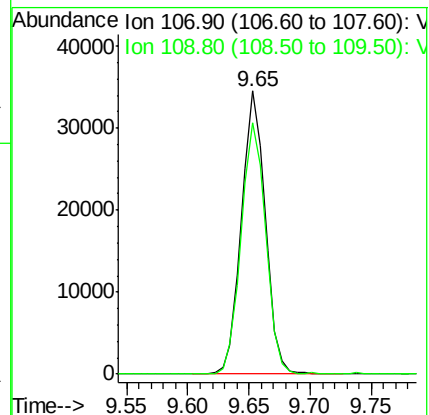
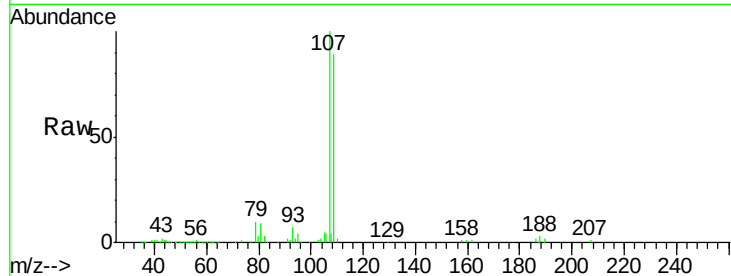
107 100

109 91.8 75.2 112.8

Manual Integrations
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10/12/2020 2:23:40 PM



#62

4-Bromofluorobenzene

Concen: 48.136 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

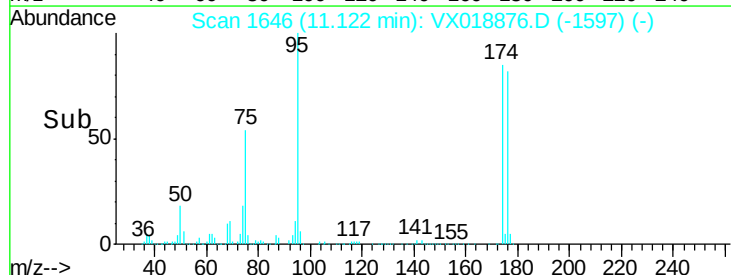
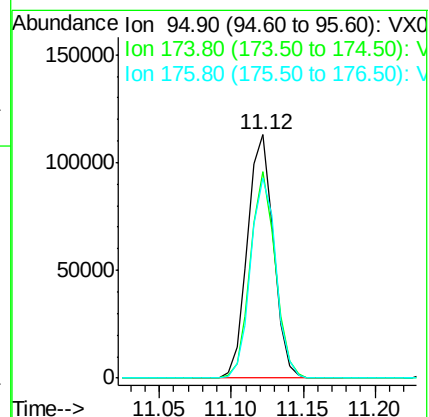
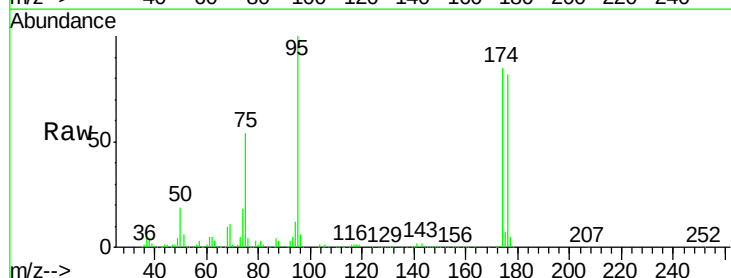
Tgt Ion: 95 Resp: 141409

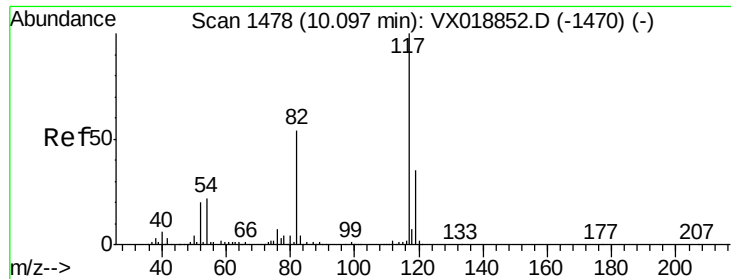
Ion Ratio Lower Upper

95 100

174 81.0 0.0 160.0

176 79.9 0.0 161.2





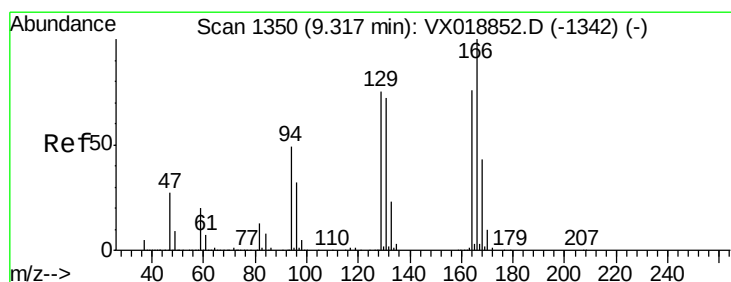
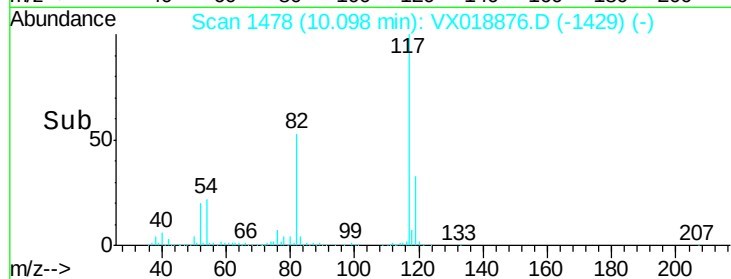
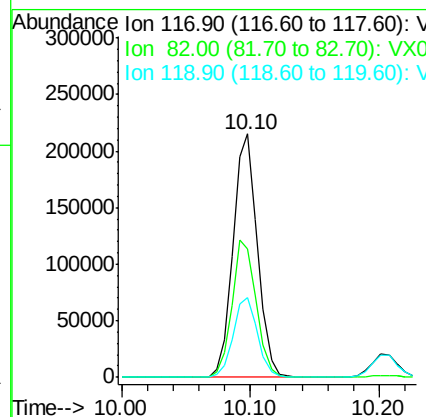
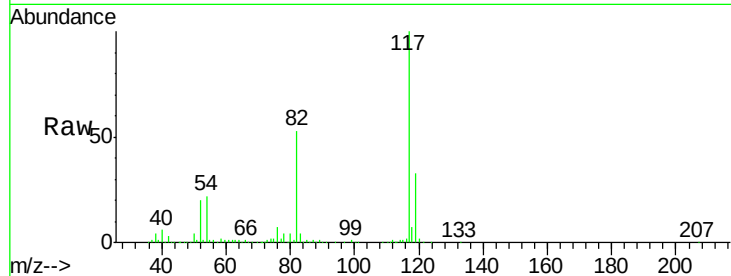
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	285090		
82	52.9	43.4	65.2	
119	32.9	28.3	42.5	

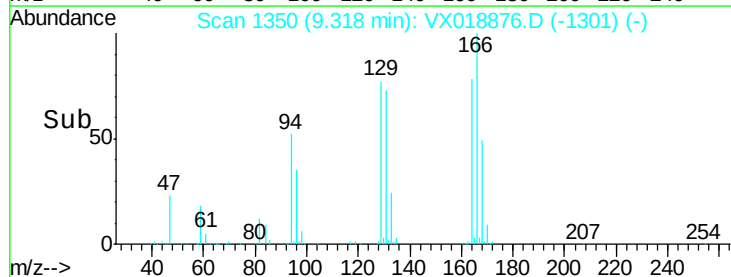
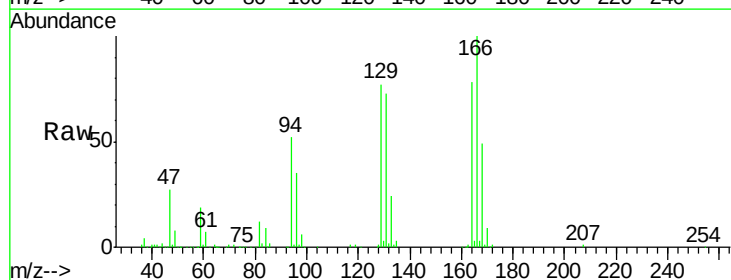
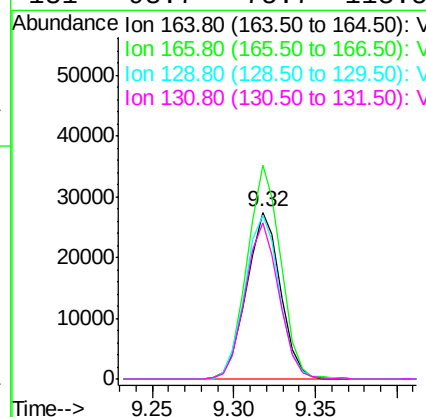
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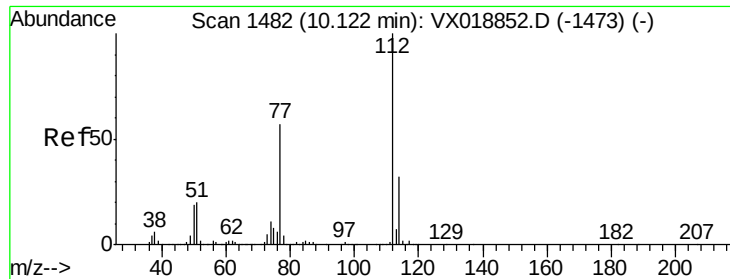
MMDadoda
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#64
Tetrachloroethene
Concen: 18.337 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	39733		
166	128.0	105.4	158.0	
129	98.0	79.0	118.6	
131	93.7	75.7	113.5	





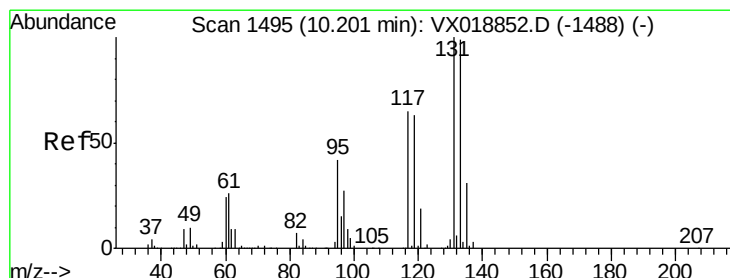
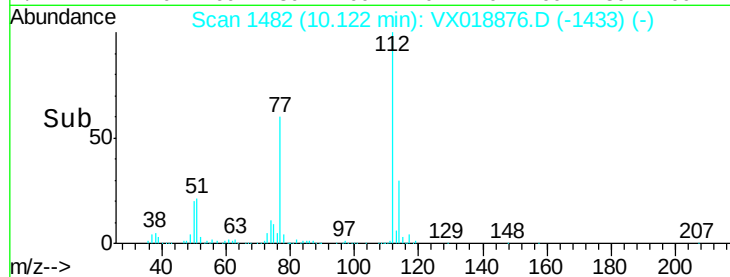
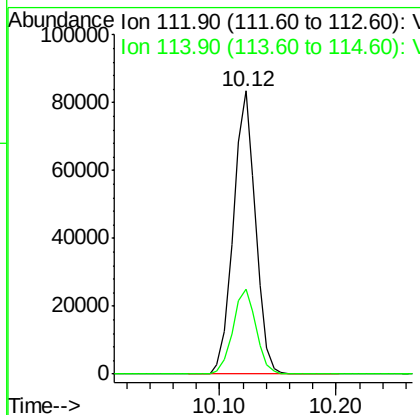
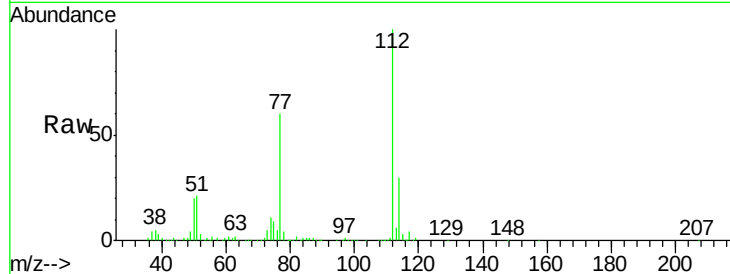
#65
Chlorobenzene
Concen: 17.919 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion:112 Resp: 110398
Ion Ratio Lower Upper
112 100
114 30.2 25.7 38.5

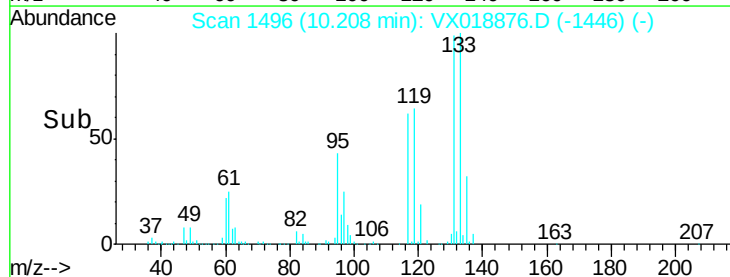
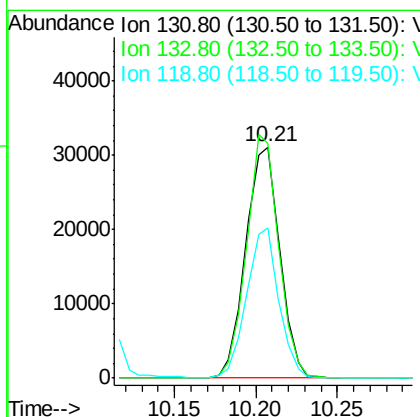
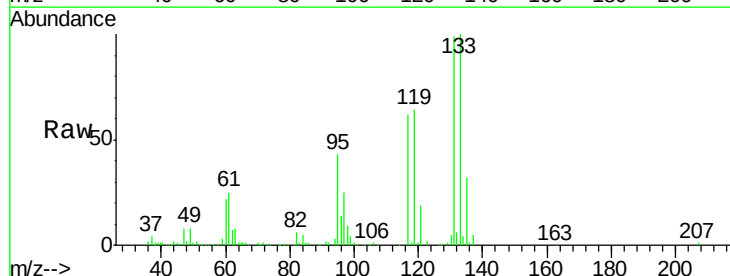
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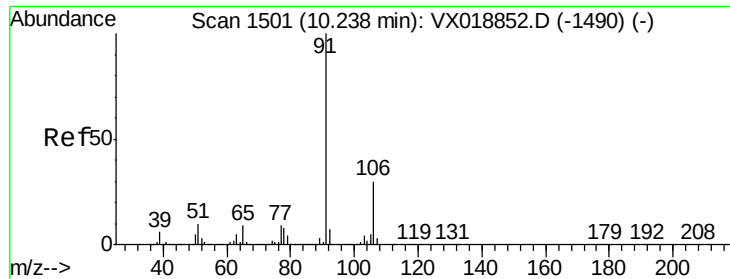
MMDadoda
10/12/2020 2:23:40 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 17.891 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.01 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Tgt Ion:131 Resp: 45473
Ion Ratio Lower Upper
131 100
133 99.9 48.6 145.8
119 61.2 31.1 93.3





#67

Ethyl Benzene

Concen: 18.295 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

Tot Ion: 91 Resp: 190142

Ion Ratio Lower Upper

91 100

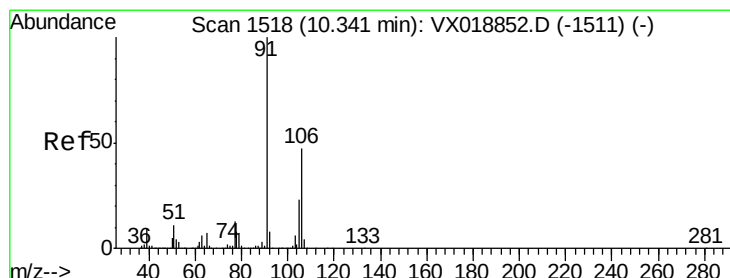
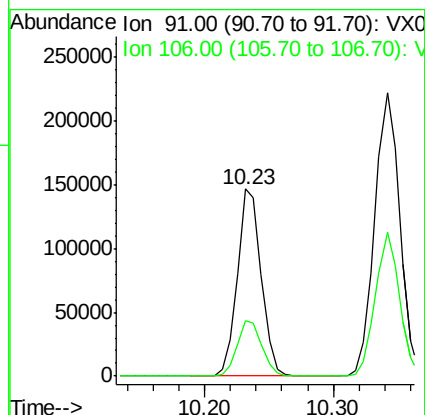
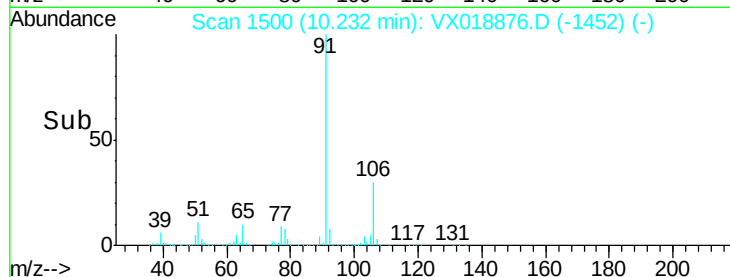
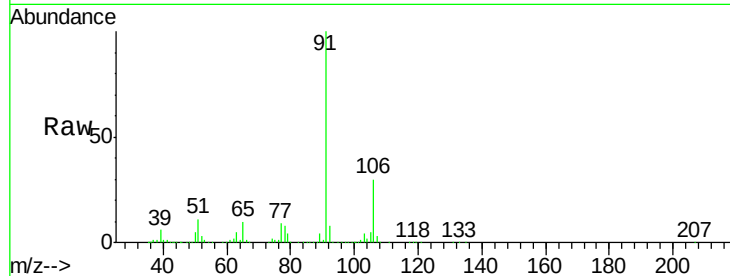
106 29.6 24.0 36.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 36.687 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018876.D

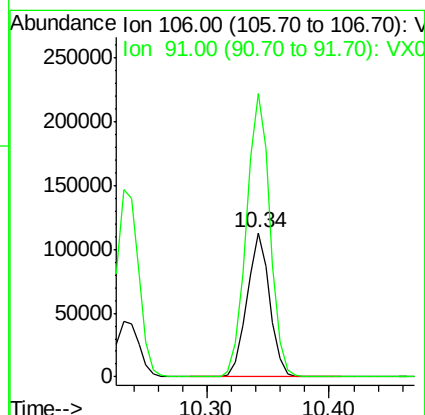
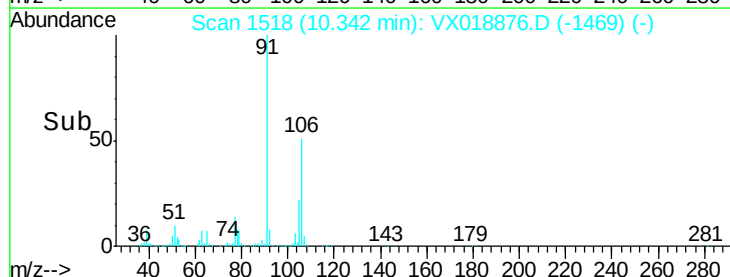
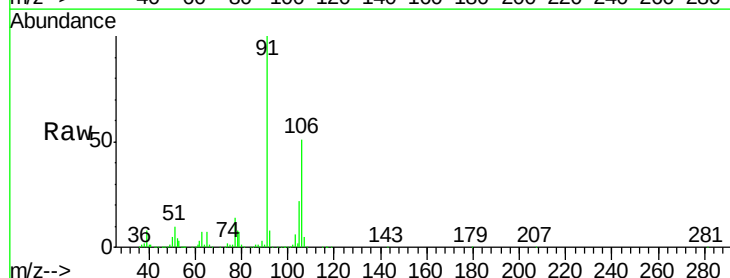
Acq: 10 Oct 2020 00:33

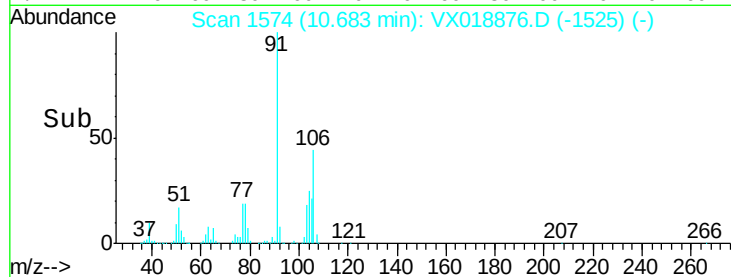
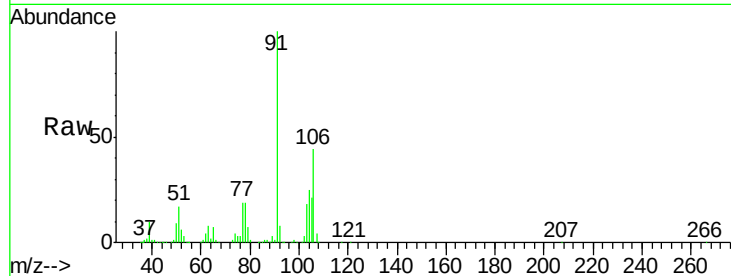
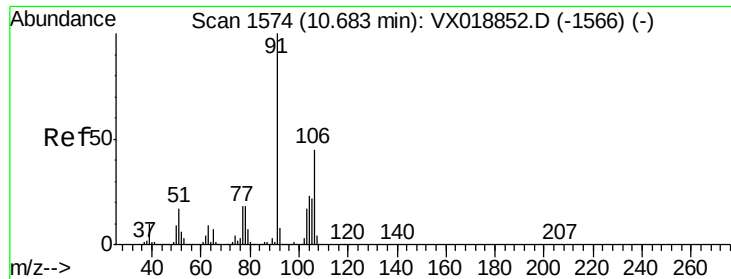
Tgt Ion: 106 Resp: 144867

Ion Ratio Lower Upper

106 100

91 204.1 165.6 248.4





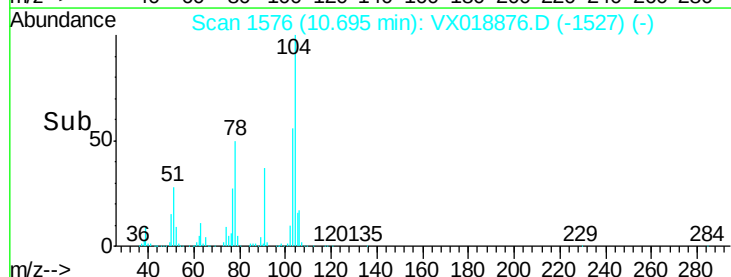
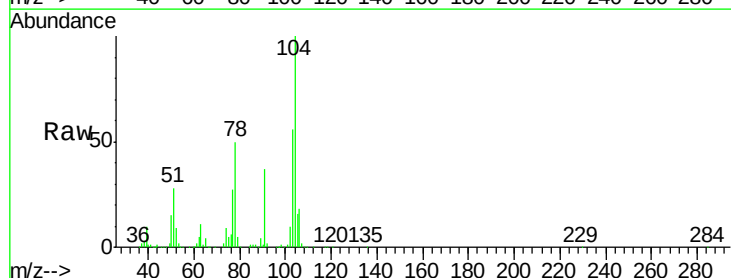
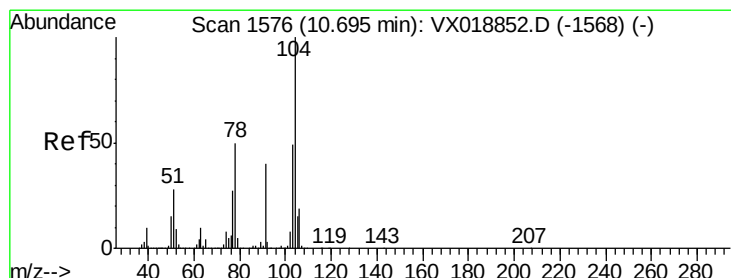
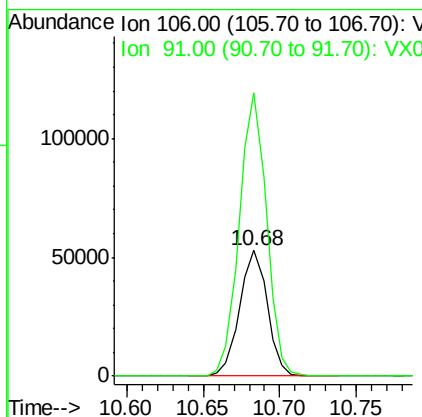
#69
o-Xylene
Concen: 17.941 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion:106 Resp: 66745
Ion Ratio Lower Upper
106 100
91 221.8 109.9 329.6

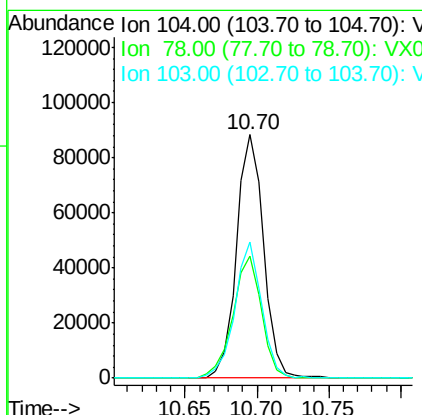
Manual Integrations
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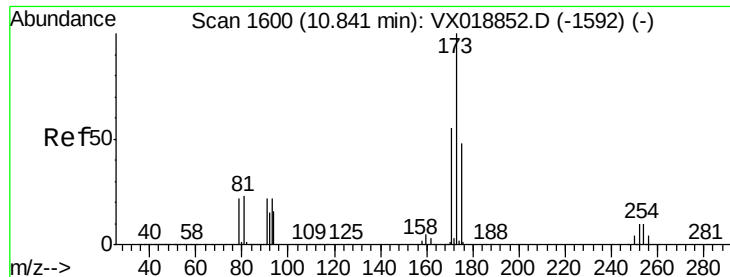
MMDadoda
10/12/2020 2:23:40 PM



#70
Styrene
Concen: 18.348 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Tgt Ion:104 Resp: 115559
Ion Ratio Lower Upper
104 100
78 53.7 43.5 65.3
103 56.2 43.3 64.9





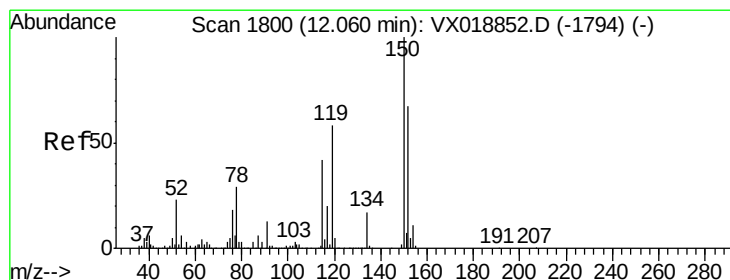
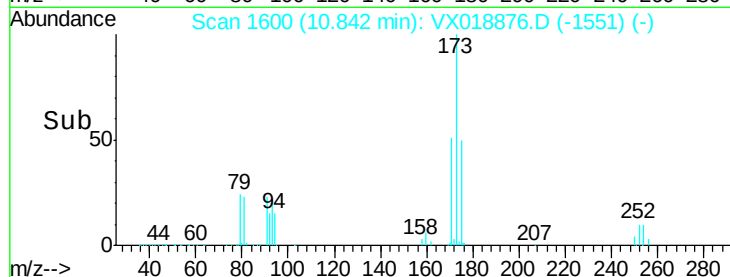
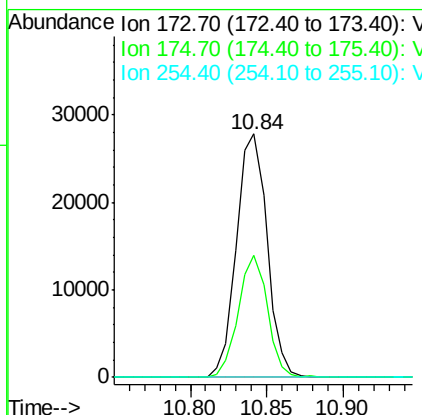
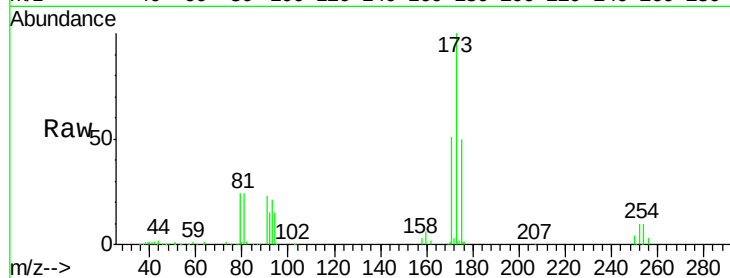
#71
Bromoform
Concen: 17.555 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.9	23.4	70.0
254	0.0	0.0	0.0

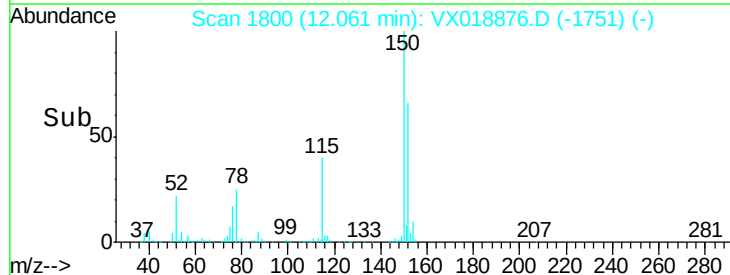
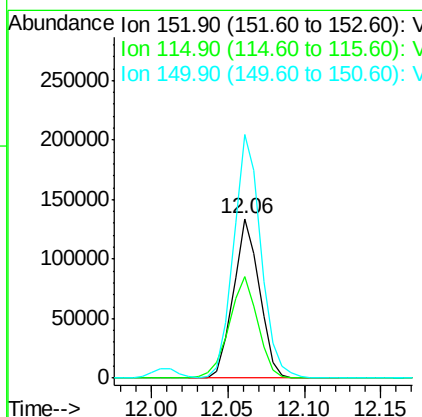
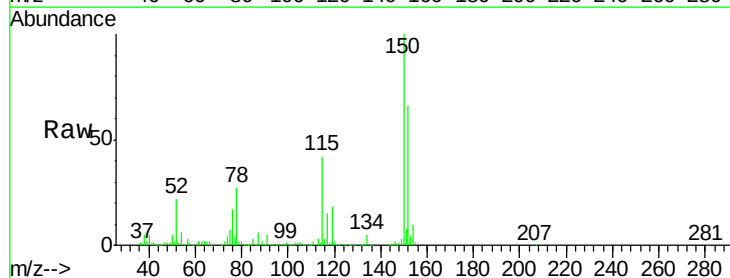
Manual Integrations
APPROVED

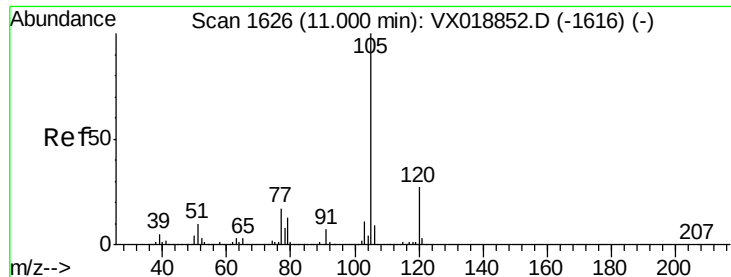
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Tgt Ion	Ratio	Lower	Upper
152	100		
115	69.2	41.8	125.4
150	160.1	0.0	347.6





#73

Isopropylbenzene

Concen: 18.333 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

Tot Ion: 105 Resp: 189945

Ion Ratio Lower Upper

105 100

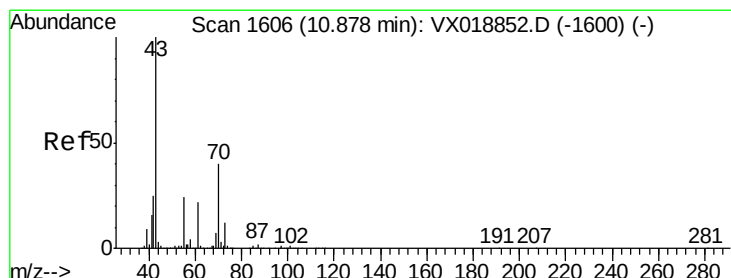
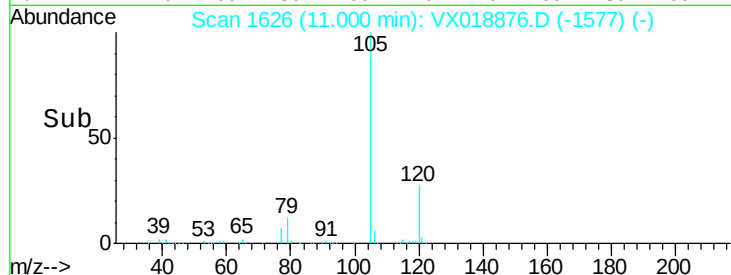
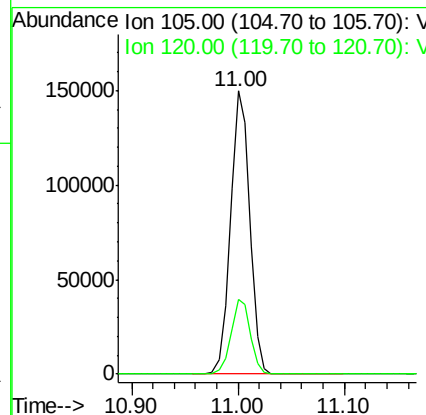
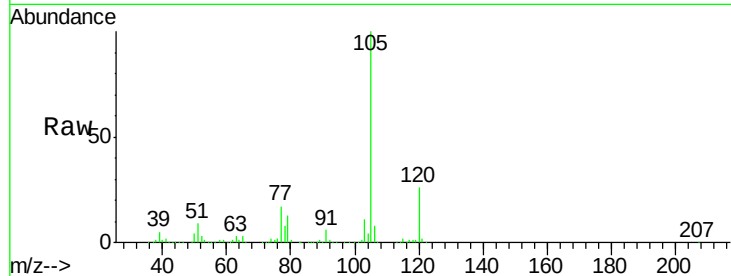
120 26.3 13.3 39.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 18.647 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Tgt Ion: 43 Resp: 76437

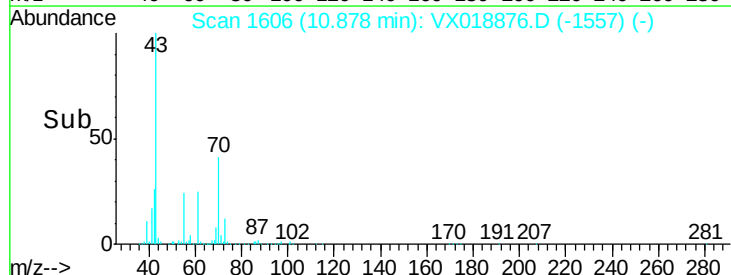
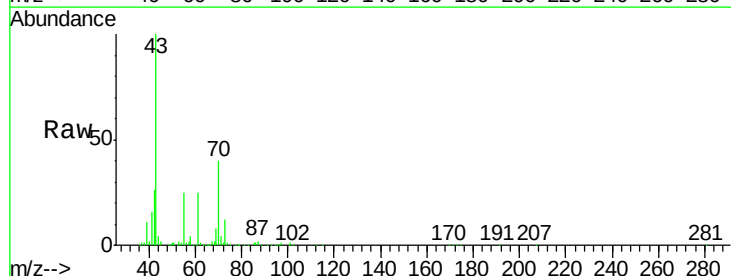
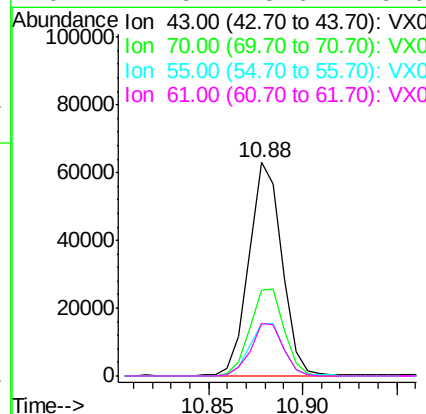
Ion Ratio Lower Upper

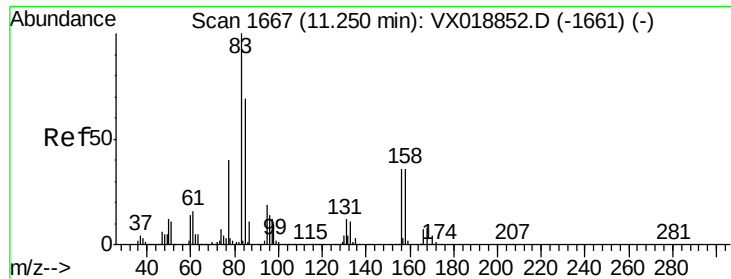
43 100

70 42.5 33.7 50.5

55 26.0 19.8 29.8

61 24.5 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.369 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

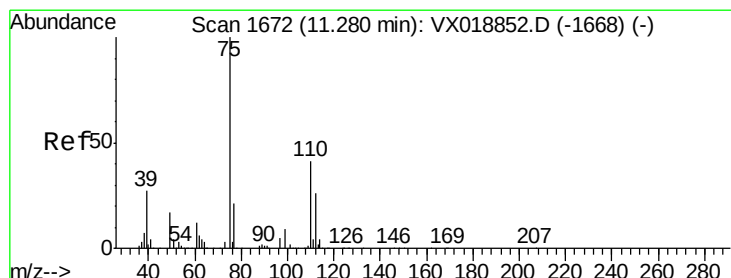
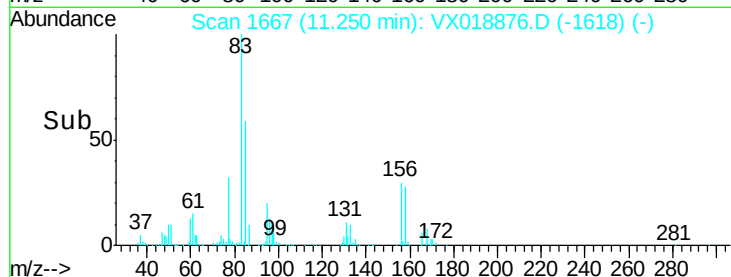
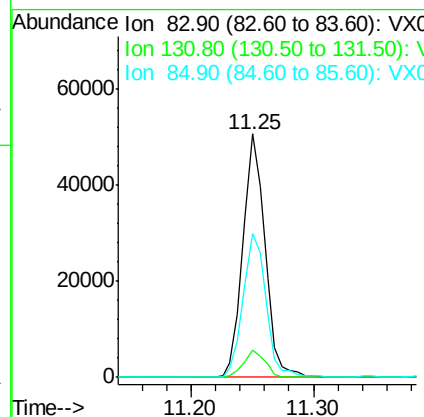
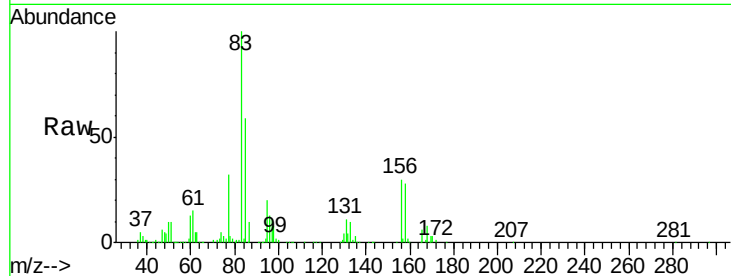
ClientSampleId :

VX1009WBSD02

Tot Ion:	83	Resp:	63435
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.9	17.8
85	61.4	33.0	98.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.813 ug/l m

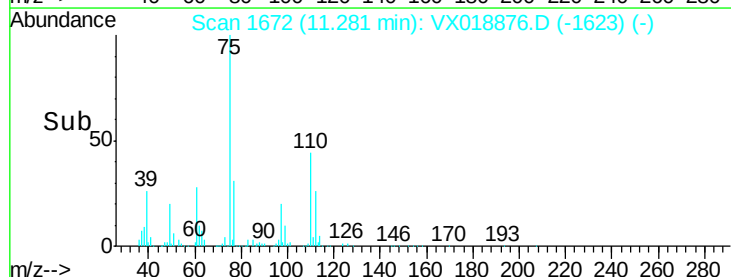
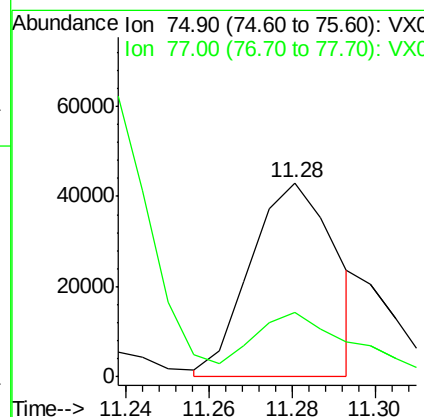
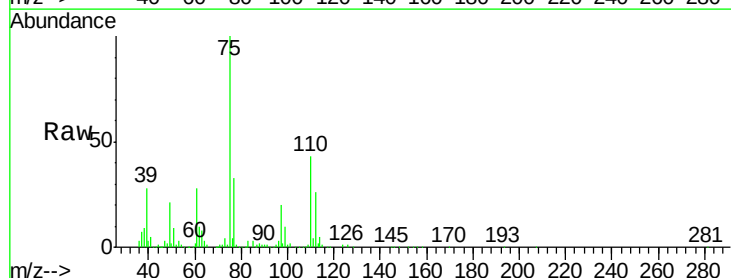
RT: 11.28 min Scan# 1672

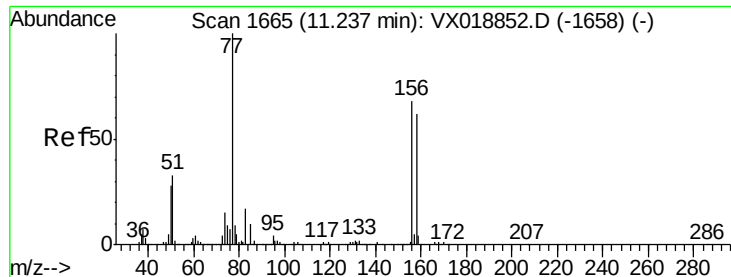
Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Tgt Ion:	75	Resp:	60792
Ion Ratio	Lower	Upper	
75	100		
77	38.5	20.2	60.6





#77

Bromobenzene

Concen: 17.924 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

Tot Ion:156 Resp: 51014

Ion Ratio Lower Upper

156 100

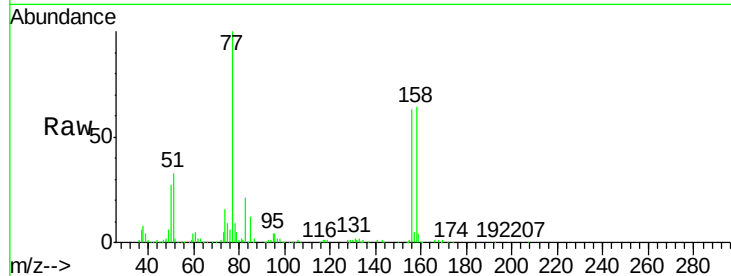
77 155.9 76.0 228.1

158 99.3 47.2 141.6

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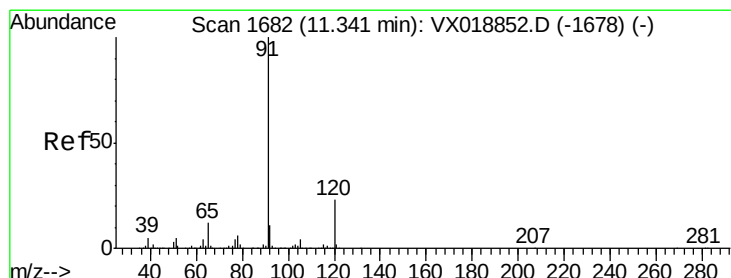
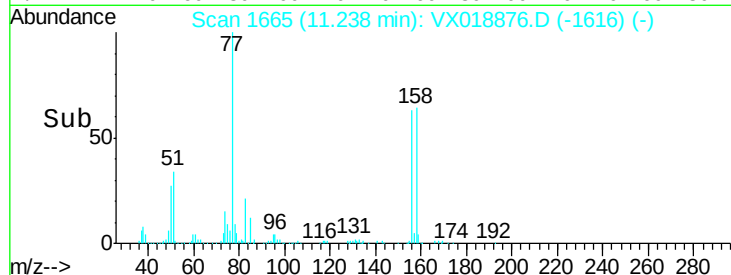
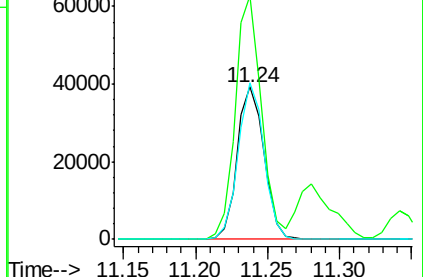
10/12/2020 2:23:40 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.028 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX018876.D

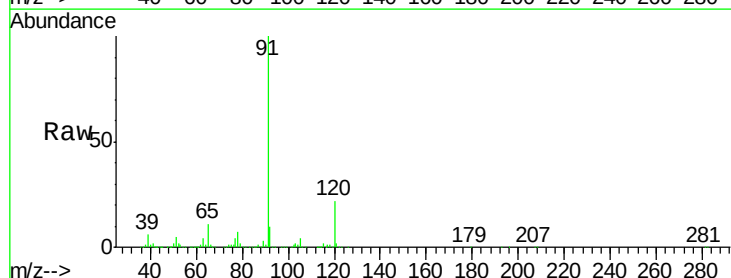
Acq: 10 Oct 2020 00:33

Tgt Ion: 91 Resp: 212836

Ion Ratio Lower Upper

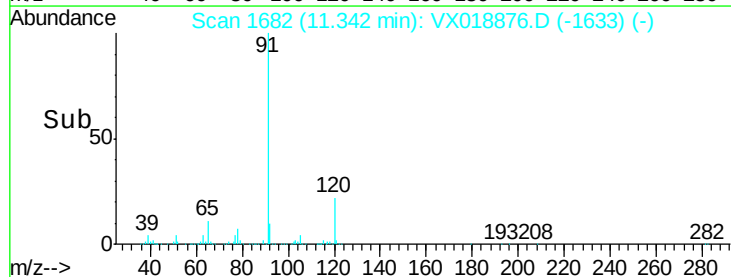
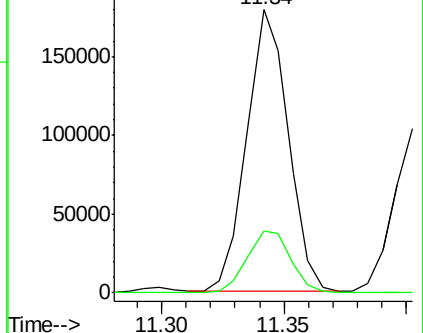
91 100

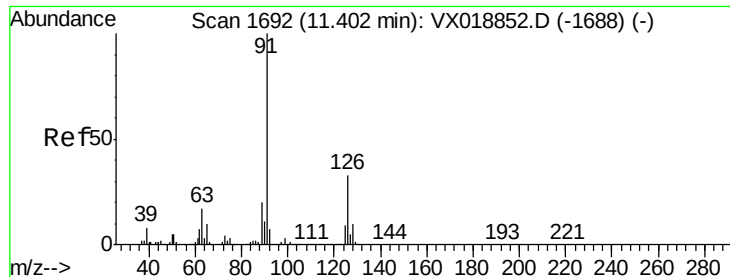
120 23.3 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.867 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

Tot Ion: 91 Resp: 131487

Ion Ratio Lower Upper

91 100

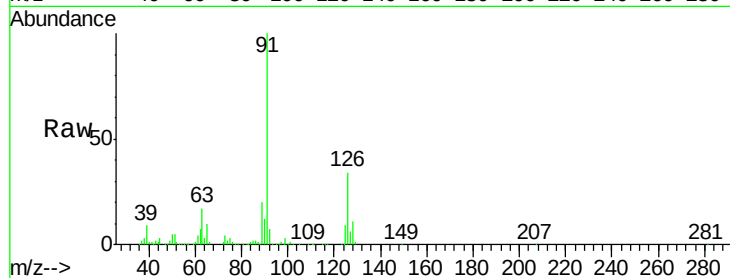
126 34.4 17.1 51.3

Manual Integrations

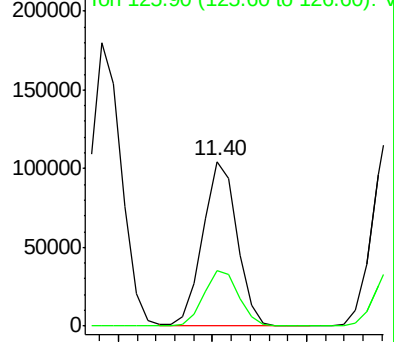
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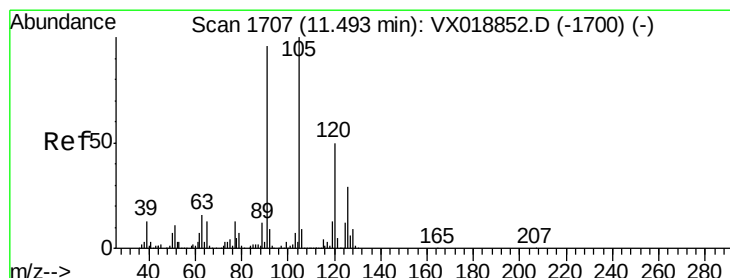
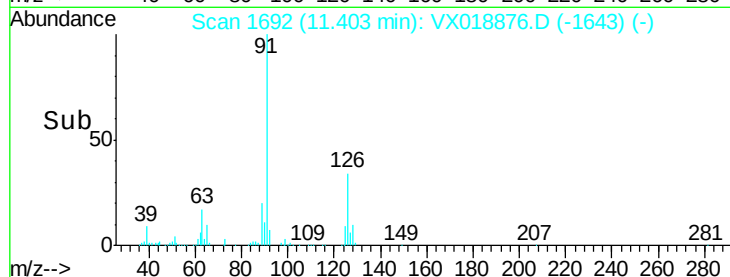
10/12/2020 2:23:40 PM



Abundance Ion 91.00 (90.70 to 91.70): V



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 18.583 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018876.D

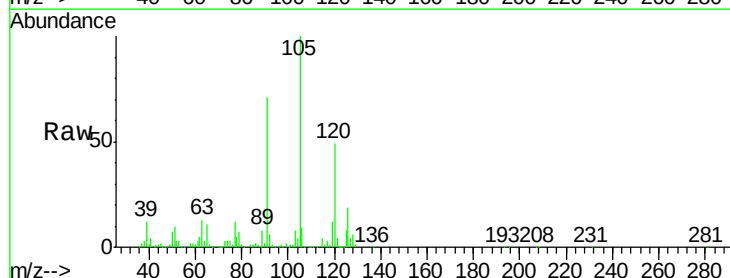
Acq: 10 Oct 2020 00:33

Tgt Ion: 105 Resp: 164693

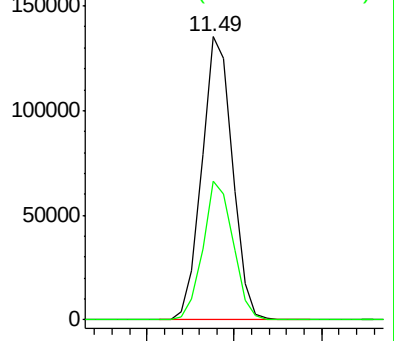
Ion Ratio Lower Upper

105 100

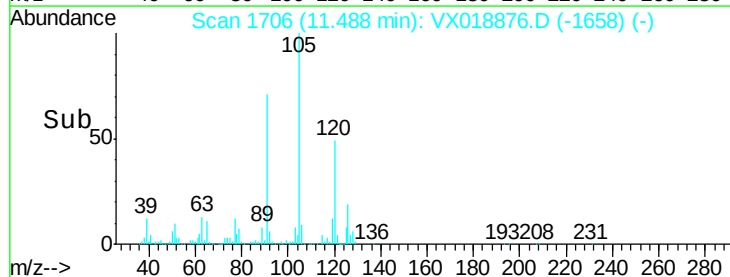
120 48.4 23.9 71.8

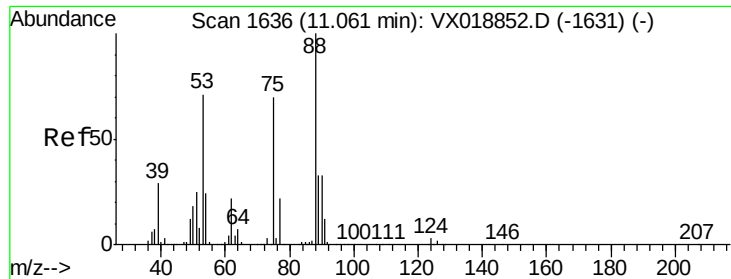


Abundance Ion 105.00 (104.70 to 105.70): V



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 16.569 ug/l

RT: 11.06 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

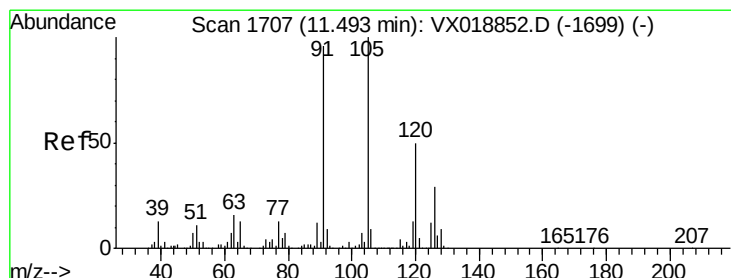
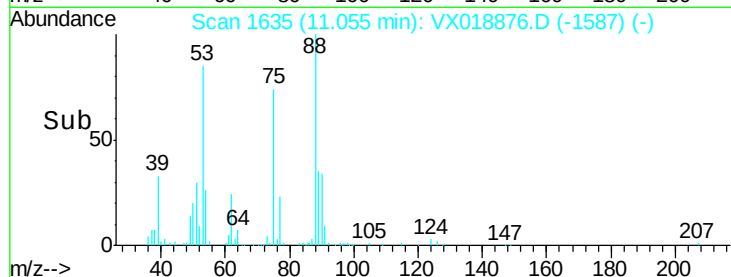
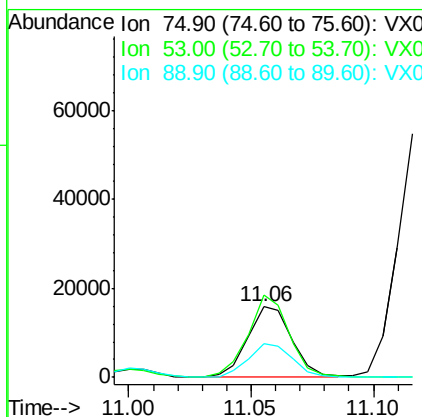
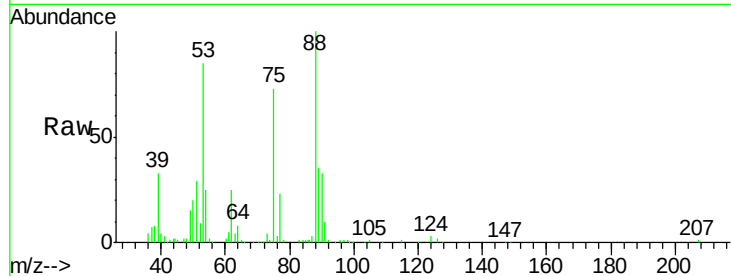
ClientSampleId :

VX1009WBSD02

Tot Ion:	75	Resp:	19953
Ion Ratio	Lower	Upper	
75	100		
53	109.0	85.0	127.4
89	48.5	39.0	58.4

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.266 ug/l

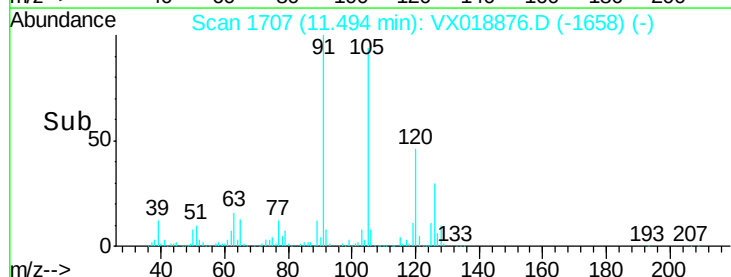
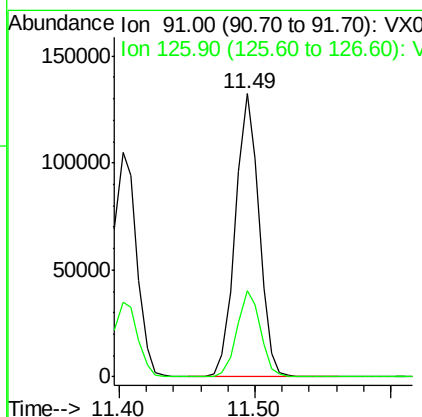
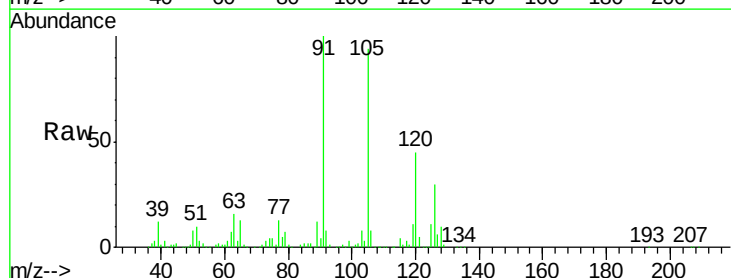
RT: 11.49 min Scan# 1707

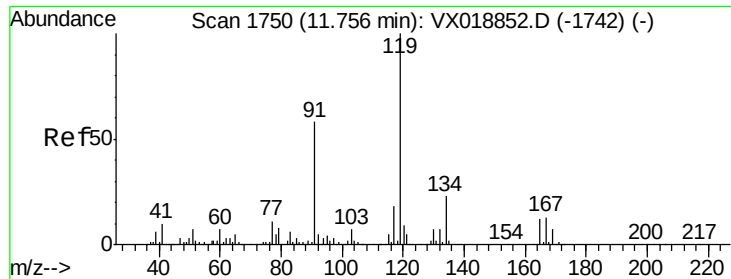
Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Tgt Ion:	91	Resp:	159836
Ion Ratio	Lower	Upper	
91	100		
126	30.2	14.9	44.7





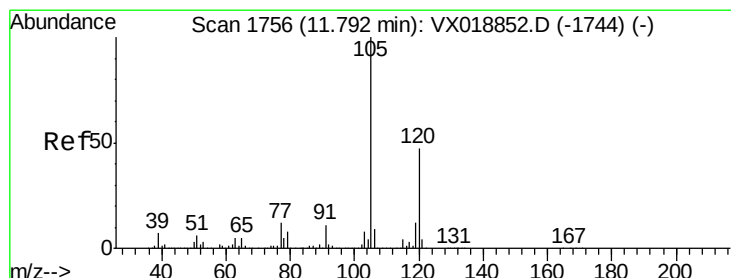
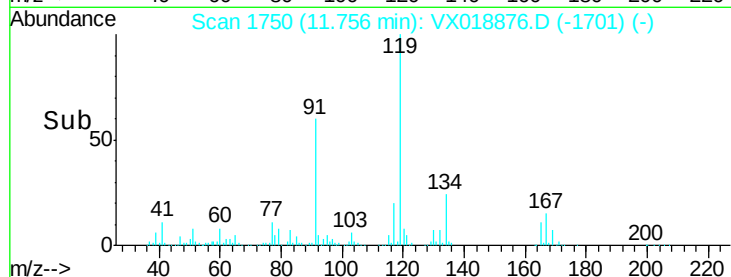
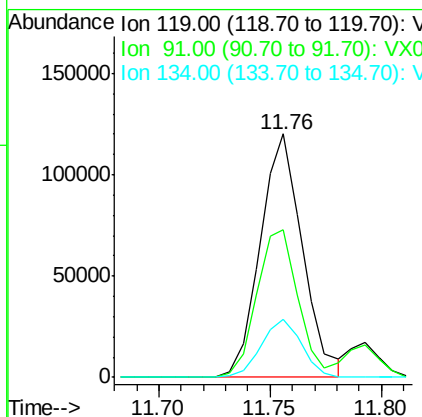
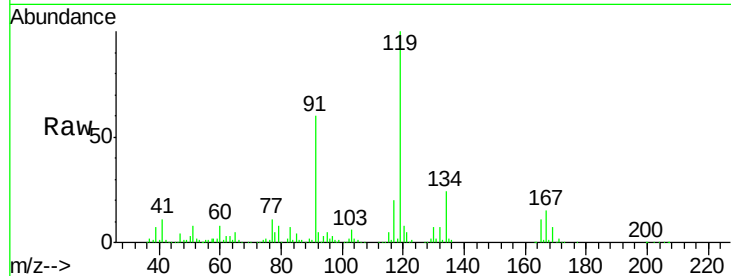
#83
 tert-Butylbenzene
 Concen: 17.829 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX018876.D
 Acq: 10 Oct 2020 00:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	158239		
91	59.2	28.6	85.9	
134	22.9	11.7	35.0	

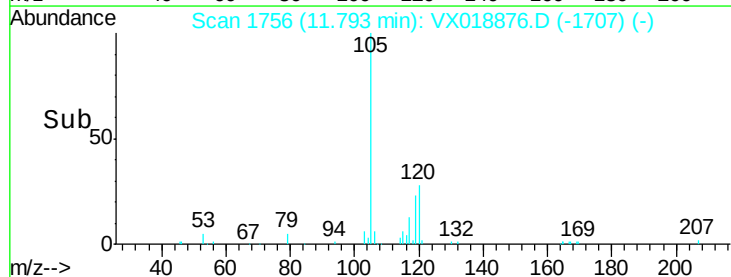
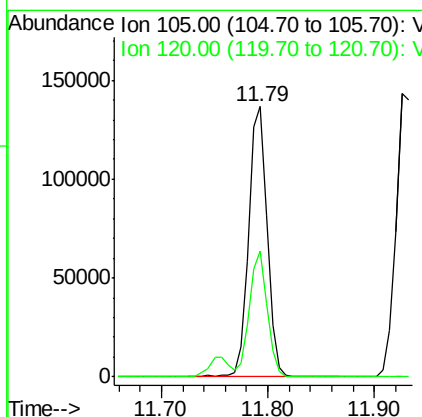
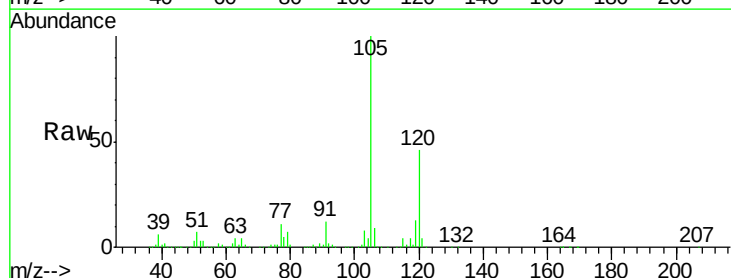
Manual Integrations
 APPROVED

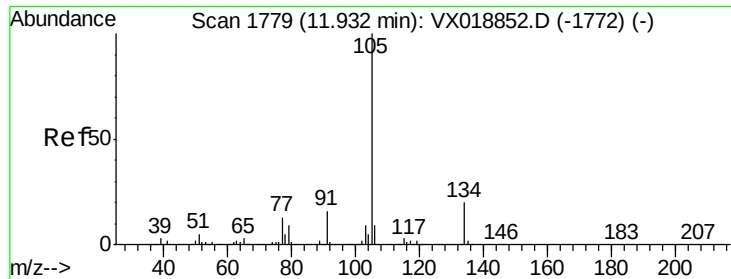
MMDadoda
 10/12/2020 2:23:40 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 18.597 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX018876.D
 Acq: 10 Oct 2020 00:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	167545		
120	44.7	22.6	67.8	





#85

sec-Butylbenzene

Concen: 17.889 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBSD02

Tot Ion:105 Resp: 178868

Ion Ratio Lower Upper

105 100

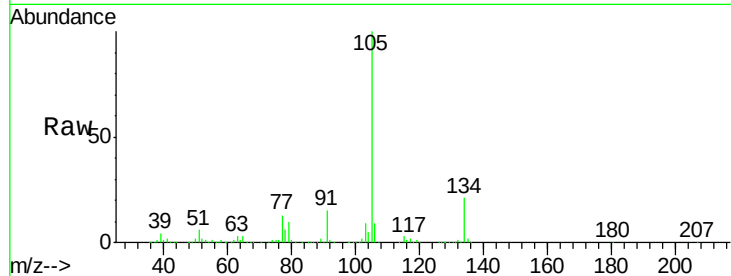
134 21.4 10.2 30.4

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

11.93

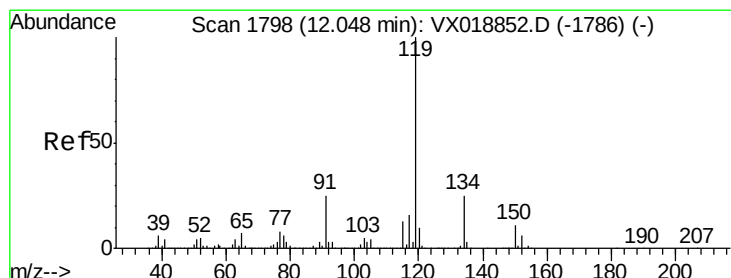
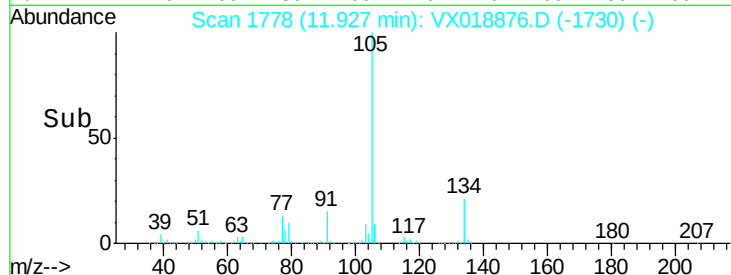
150000

100000

50000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 17.853 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018876.D

Acq: 10 Oct 2020 00:33

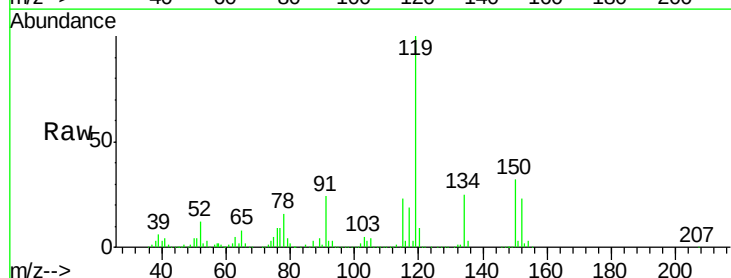
Tgt Ion:119 Resp: 169351

Ion Ratio Lower Upper

119 100

134 26.5 12.8 38.4

91 25.4 12.3 36.9



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): V

12.05

200000

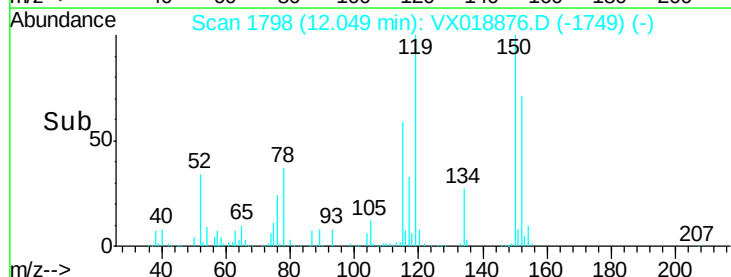
150000

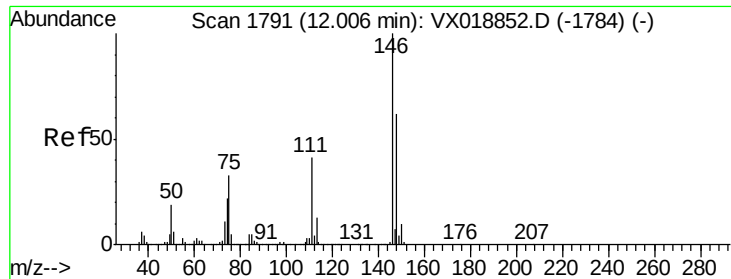
100000

50000

0

Time--> 12.00 12.10





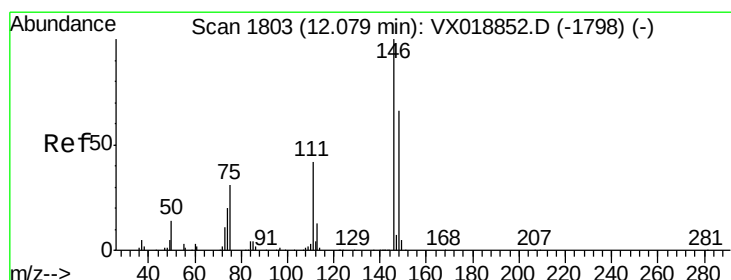
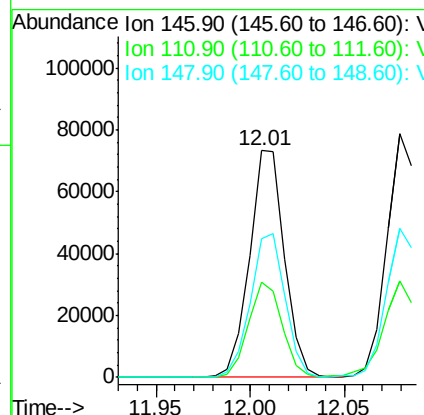
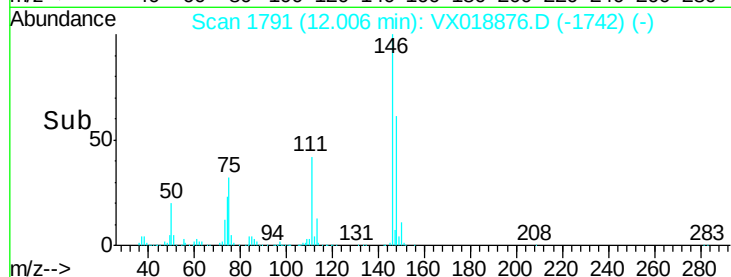
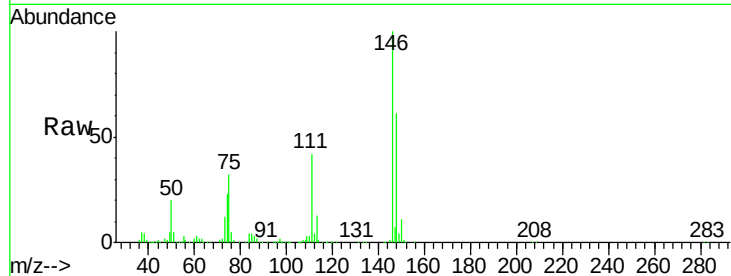
#87
 1,3-Dichlorobenzene
 Concen: 17.993 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX018876.D
 Acq: 10 Oct 2020 00:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.0	59.9
148	63.1	31.4	94.3

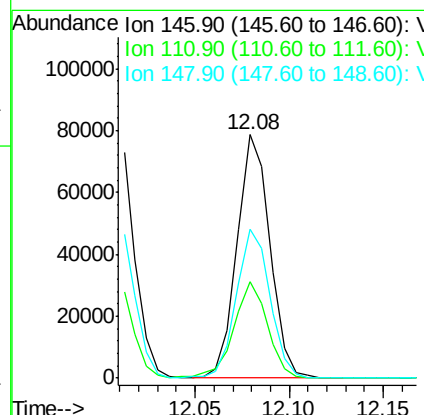
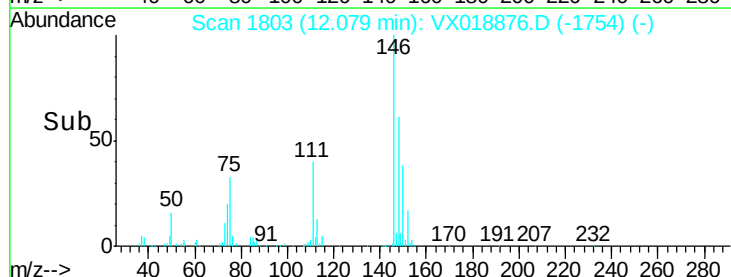
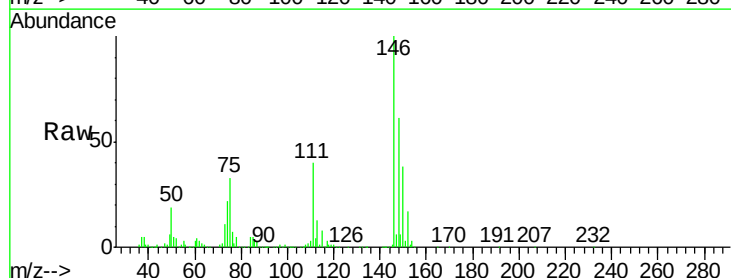
Manual Integrations
 APPROVED

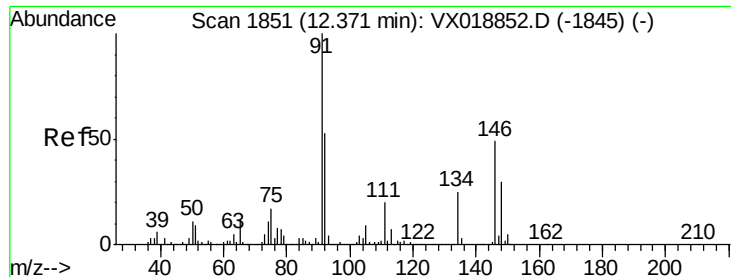
MMDadoda
 10/12/2020 2:23:40 PM



#88
 1,4-Dichlorobenzene
 Concen: 17.929 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX018876.D
 Acq: 10 Oct 2020 00:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.5	61.5
148	63.1	32.2	96.6





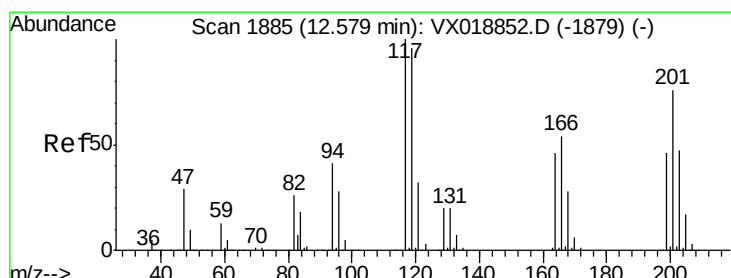
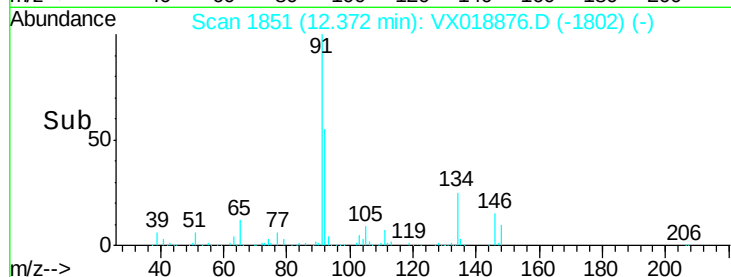
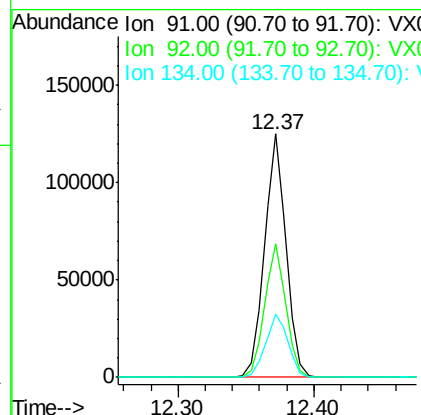
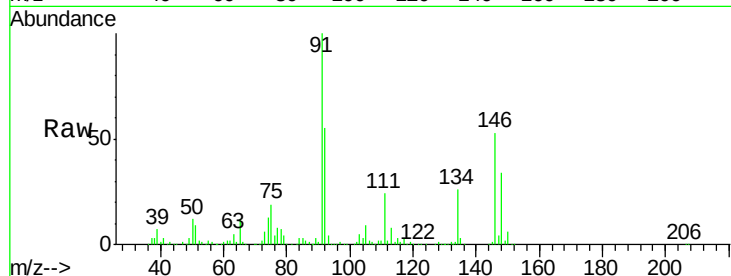
#89
n-Butylbenzene
Concen: 16.951 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.1	26.7	80.0
134	26.8	13.5	40.4

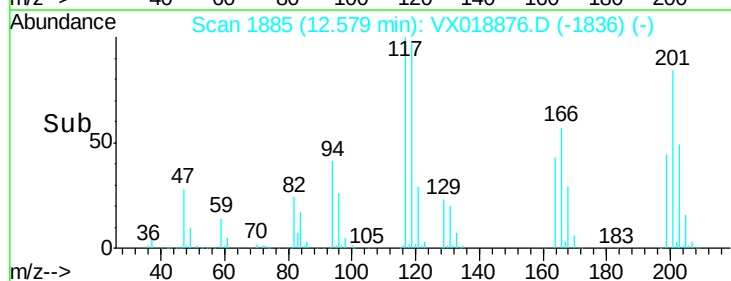
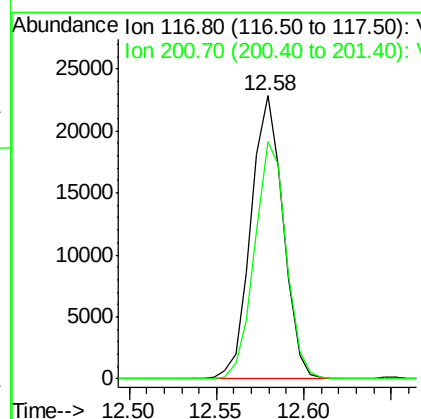
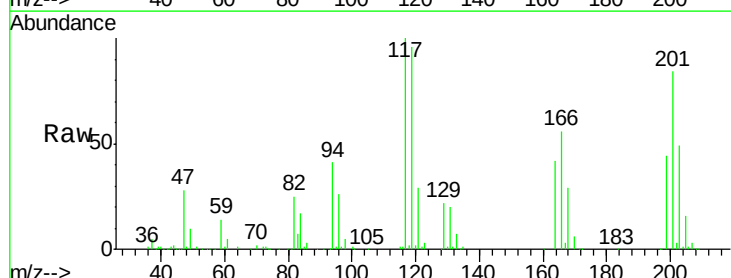
Manual Integrations
APPROVED

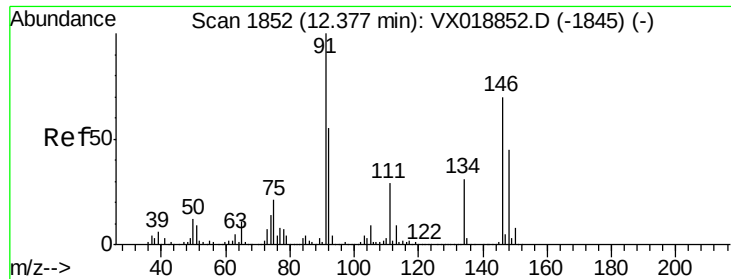
MMDadoda
10/12/2020 2:23:40 PM



#90
Hexachloroethane
Concen: 16.552 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.3	37.4	112.2





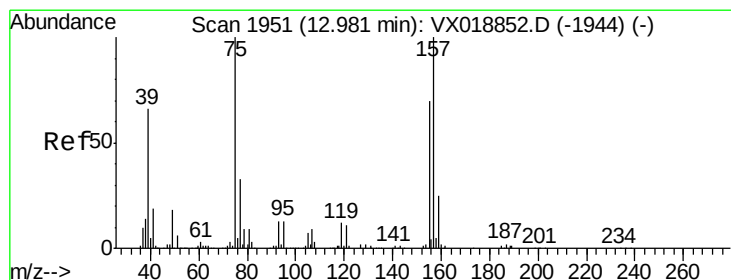
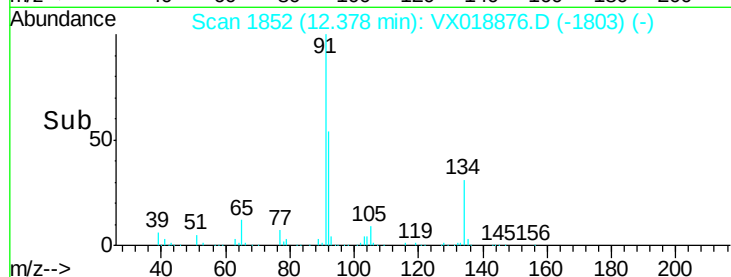
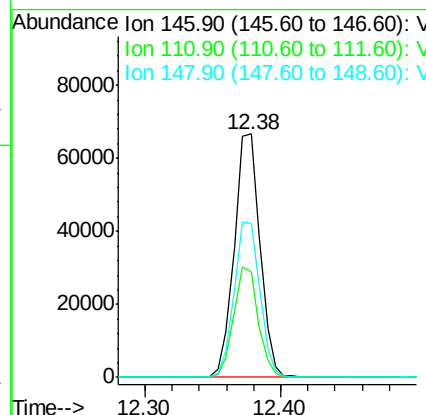
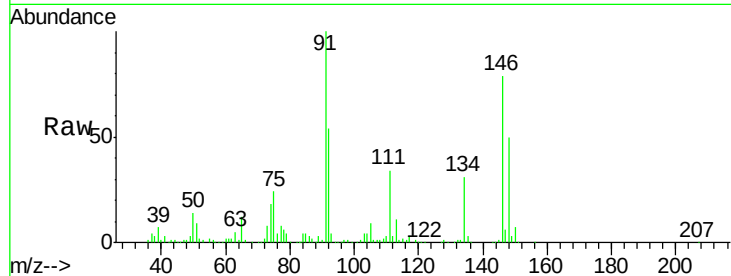
#91
 1,2-Dichlorobenzene
 Concen: 17.689 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018876.D
 Acq: 10 Oct 2020 00:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	20.6	61.9
148	63.8	31.1	93.2

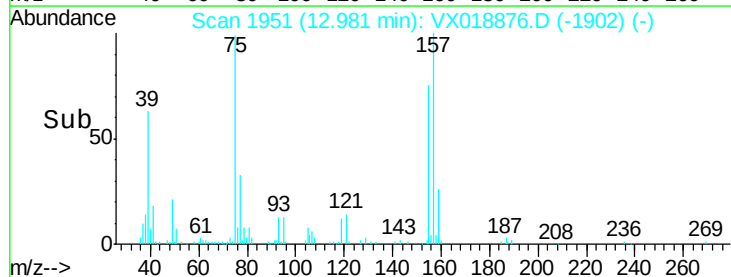
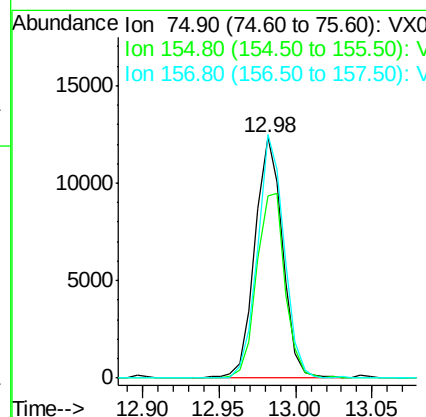
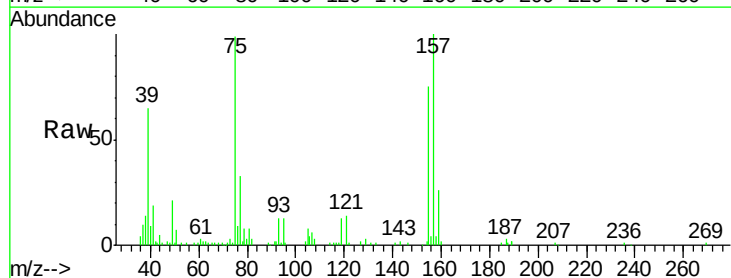
Manual Integrations
 APPROVED

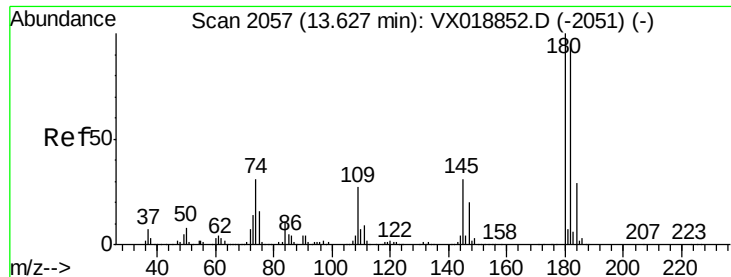
MMDadoda
 10/12/2020 2:23:40 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.566 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018876.D
 Acq: 10 Oct 2020 00:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.3	38.0	113.9
157	97.5	50.9	152.7





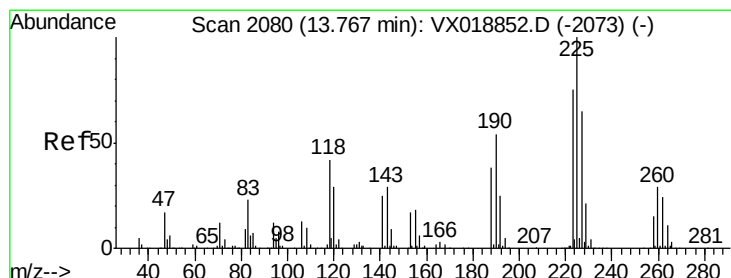
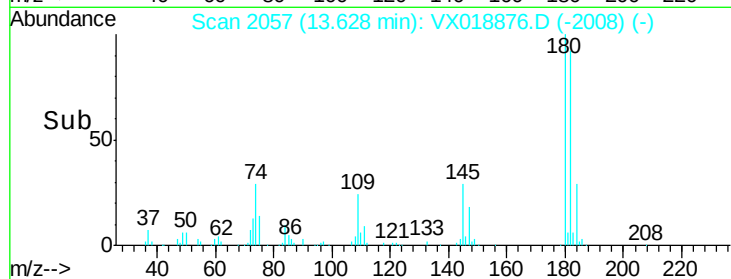
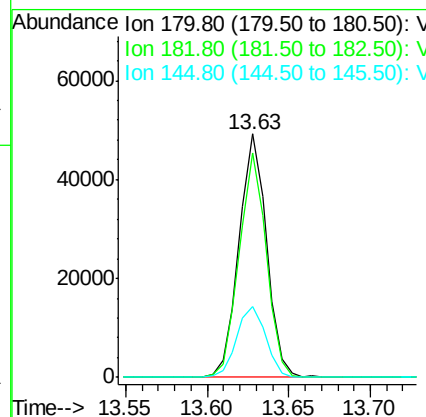
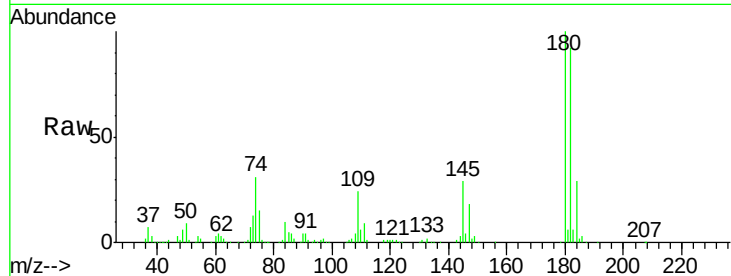
#93
 1,2,4-Trichlorobenzene
 Concen: 18.176 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018876.D
 Acq: 10 Oct 2020 00:33

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	58017		
182	90.7	49.1	147.3	
145	30.9	16.0	48.0	

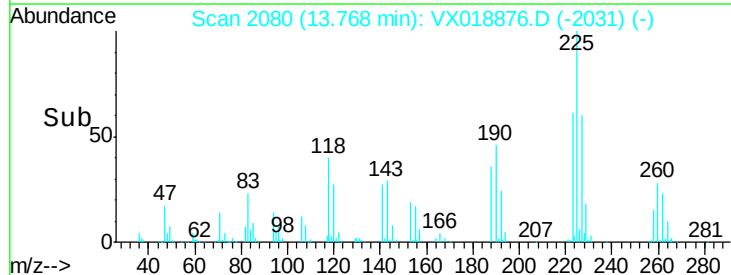
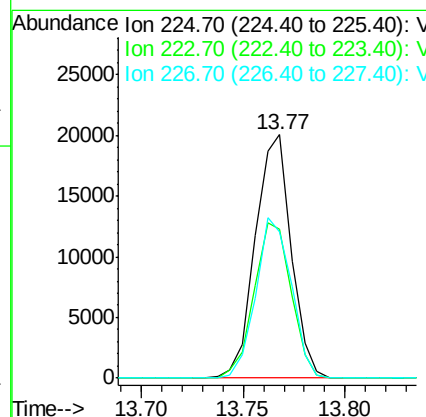
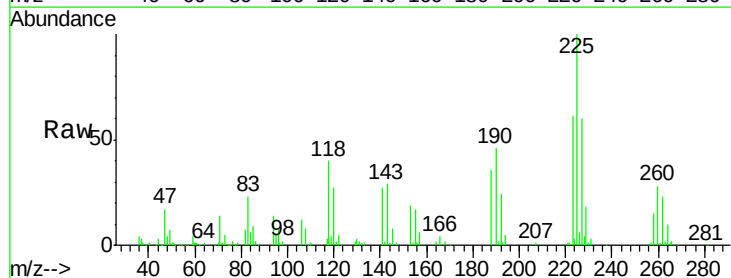
Manual Integrations
 APPROVED

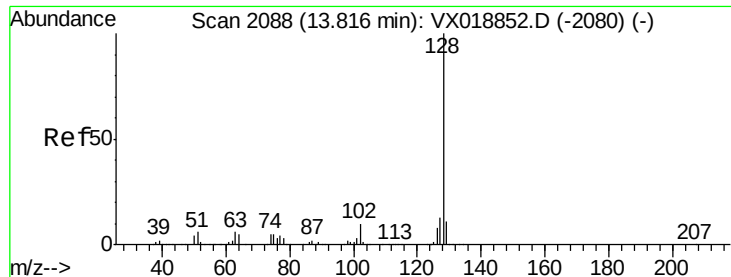
MMDadoda
 10/12/2020 2:23:40 PM



#94
 Hexachlorobutadiene
 Concen: 17.321 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX018876.D
 Acq: 10 Oct 2020 00:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	24557		
223	66.1	32.1	96.3	
227	65.1	33.0	98.9	





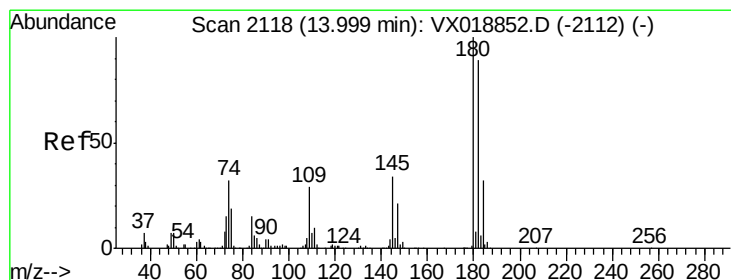
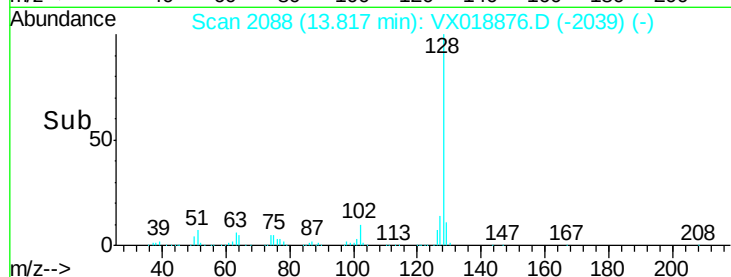
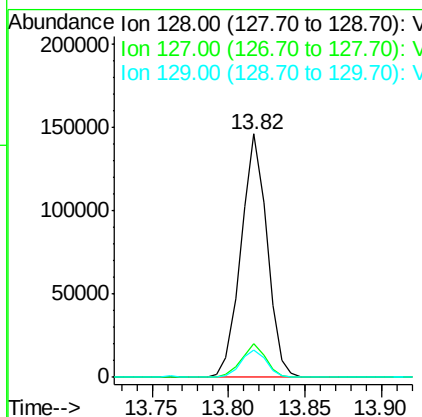
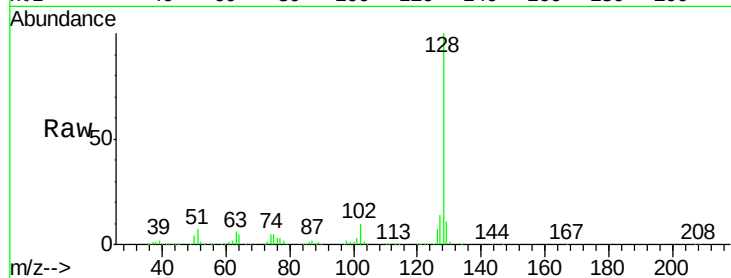
#95
Naphthalene
Concen: 18.257 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.1	15.1
129	11.2	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
10/12/2020 2:23:40 PM



#96
1,2,3-Trichlorobenzene
Concen: 17.717 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018876.D
Acq: 10 Oct 2020 00:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.7	143.1
145	36.3	16.7	50.0

