

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091720\
 Data File : VX018463.D
 Acq On : 17 Sep 2020 12:39
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091720

Manual Integrations
 APPROVED

MMDadoda
 9/18/2020 12:19:45 PM

Quant Time: Sep 18 06:38:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	621224	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	969668	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	912443	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	487379	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	411269	46.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.60%	
35) Dibromofluoromethane	5.46	113	322706	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
50) Toluene-d8	8.70	98	1207465	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.12	95	487224	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	304136	51.638	ug/l	96
3) Chloromethane	1.31	50	359367	52.118	ug/l	98
4) Vinyl Chloride	1.39	62	355109	48.646	ug/l	99
5) Bromomethane	1.63	94	231327	51.632	ug/l	98
6) Chloroethane	1.71	64	201350	48.195	ug/l	97
7) Trichlorofluoromethane	1.92	101	524528	47.299	ug/l	96
8) Diethyl Ether	2.17	74	178788	45.951	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	302569	50.690	ug/l	97
10) Methyl Iodide	2.49	142	327210	44.864	ug/l	99
11) Tert butyl alcohol	3.01	59	355994	232.812	ug/l	100
12) 1,1-Dichloroethene	2.36	96	299707	49.817	ug/l	90
13) Acrolein	2.28	56	241182	249.101	ug/l	96
14) Allyl chloride	2.71	41	564613	48.430	ug/l	100
15) Acrylonitrile	3.12	53	894078	245.053	ug/l	99
16) Acetone	2.42	43	801387	238.442	ug/l	99
17) Carbon Disulfide	2.55	76	882161	49.098	ug/l	97
18) Methyl Acetate	2.75	43	402341	48.316	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1050178	49.727	ug/l	99
20) Methylene Chloride	2.84	84	340522	45.920	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	329785	47.167	ug/l	96
22) Diisopropyl ether	3.82	45	1093324	49.892	ug/l	96
23) Vinyl Acetate	3.78	43	4925949	253.674	ug/l	98
24) 1,1-Dichloroethane	3.67	63	610258	48.287	ug/l	97
25) 2-Butanone	4.64	43	1294551	247.341	ug/l	98
26) 2,2-Dichloropropane	4.56	77	565485	48.427	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	376223	48.007	ug/l	100
28) Bromochloromethane	4.98	49	259633	43.902	ug/l	99
29) Tetrahydrofuran	5.09	42	824315	249.881	ug/l	100
30) Chloroform	5.18	83	623283	48.607	ug/l	99
31) Cyclohexane	5.55	56	541966	50.960	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	573950	47.711	ug/l	98
36) 1,1-Dichloropropene	5.77	75	477566	50.742	ug/l	100
37) Ethyl Acetate	4.79	43	501468	49.896	ug/l	99
38) Carbon Tetrachloride	5.76	117	519027	49.794	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	555659	52.551	ug/l	98
40) Benzene	6.12	78	1346652	49.927	ug/l	99
41) Methacrylonitrile	5.01	41	279554	50.059	ug/l	97
42) 1,2-Dichloroethane	6.17	62	514114	48.995	ug/l	99
43) Isopropyl Acetate	6.42	43	838000	50.247	ug/l	100
44) Trichloroethene	7.19	130	385650	49.391	ug/l	97
45) 1,2-Dichloropropane	7.49	63	362038	48.903	ug/l	99
46) Dibromomethane	7.64	93	245290	48.226	ug/l	99
47) Bromodichloromethane	7.88	83	513307	50.076	ug/l	96
48) Methyl methacrylate	7.74	41	421479	51.921	ug/l	99
49) 1,4-Dioxane	7.71	88	123525	920.924	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2561683	257.969	ug/l	99
52) Toluene	8.77	92	856651	50.471	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	589080	50.576	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	620116	51.679	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	353153	50.143	ug/l	98
56) Ethyl methacrylate	9.16	69	538436	51.559	ug/l	98
57) 1,3-Dichloropropane	9.35	76	589316	49.803	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1451927	261.505	ug/l	100
59) 2-Hexanone	9.48	43	1978691	261.974	ug/l	99
60) Dibromochloromethane	9.57	129	411773	49.032	ug/l	99
61) 1,2-Dibromoethane	9.65	107	387101	51.658	ug/l	99
64) Tetrachloroethene	9.32	164	340592	47.413	ug/l	97
65) Chlorobenzene	10.12	112	948398	50.478	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	371034	49.228	ug/l	99
67) Ethyl Benzene	10.24	91	1679454	51.642	ug/l	98
68) m/p-Xylenes	10.34	106	1272924	103.473	ug/l	99
69) o-Xylene	10.68	106	604972	51.932	ug/l	99
70) Styrene	10.70	104	1057082	52.554	ug/l	98
71) Bromoform	10.84	173	321754	50.843	ug/l	98
73) Isopropylbenzene	11.00	105	1672327	51.363	ug/l	100
74) N-amyl acetate	10.88	43	764807	52.176	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	528903	49.078	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	508242m	49.624	ug/l	
77) Bromobenzene	11.24	156	430196	47.887	ug/l	97
78) n-propylbenzene	11.34	91	1935928	50.797	ug/l	99
79) 2-Chlorotoluene	11.40	91	1150926	49.891	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	1440237	51.724	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	203145	50.826	ug/l	99
82) 4-Chlorotoluene	11.49	91	1382593	50.419	ug/l	99
83) tert-Butylbenzene	11.76	119	1399076	51.751	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1458866	52.024	ug/l	99
85) sec-Butylbenzene	11.93	105	1668648	52.310	ug/l	99
86) p-Isopropyltoluene	12.05	119	1530484	52.205	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	788606	48.823	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	797374	48.687	ug/l	98
89) n-Butylbenzene	12.37	91	1424605	52.491	ug/l	99
90) Hexachloroethane	12.58	117	292537	49.983	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	732937	48.481	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	126587	48.386	ug/l	95

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ICVVX091720

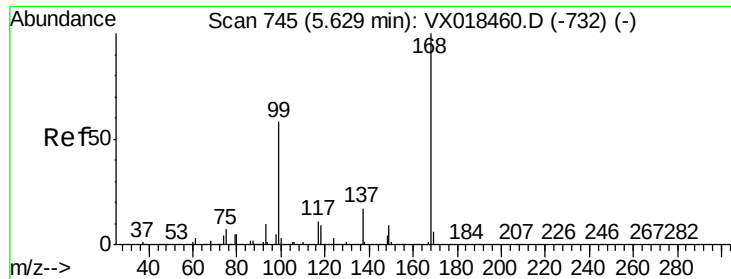
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	511497	48.613	ug/l	95
94) Hexachlorobutadiene	13.77	225	214942	48.681	ug/l	99
95) Naphthalene	13.82	128	1646465	51.814	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	497965	49.521	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. 0.00 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091720

Tot Ion:168 Resp: 621224

Ion Ratio Lower Upper

168 100

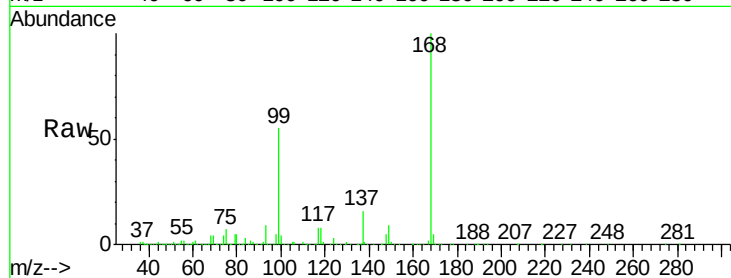
99 54.5 46.5 69.7

Manual Integrations

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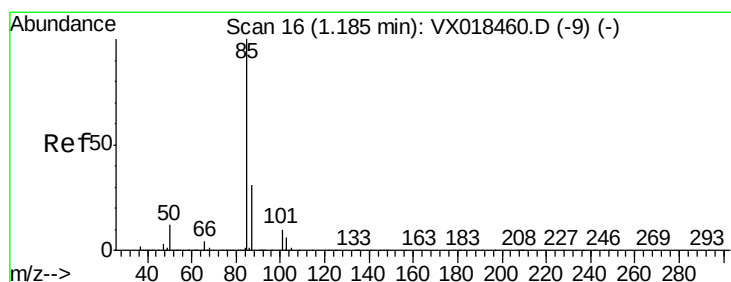
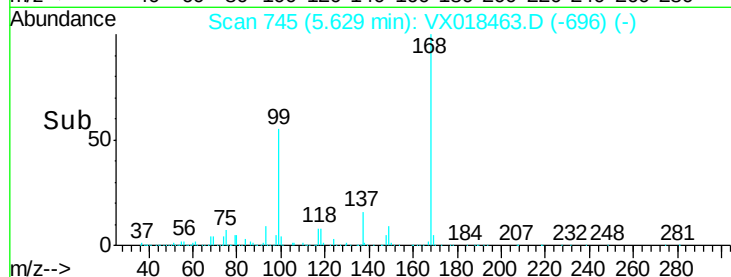
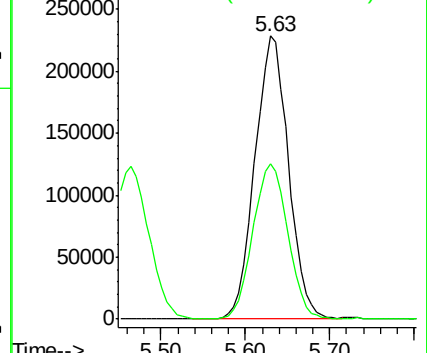
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 51.638 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX018463.D

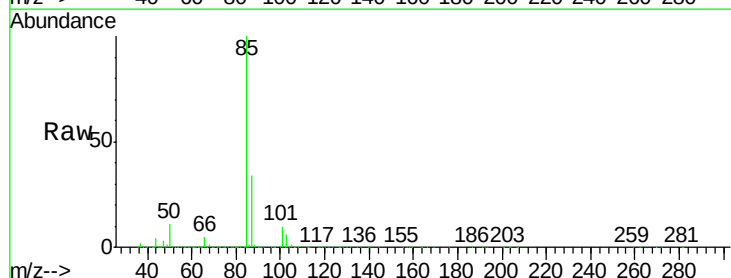
Acq: 17 Sep 2020 12:39

Tgt Ion: 85 Resp: 304136

Ion Ratio Lower Upper

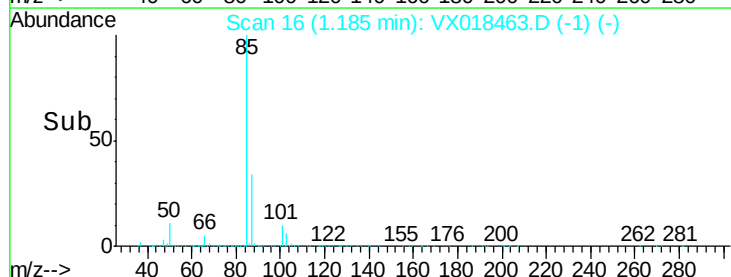
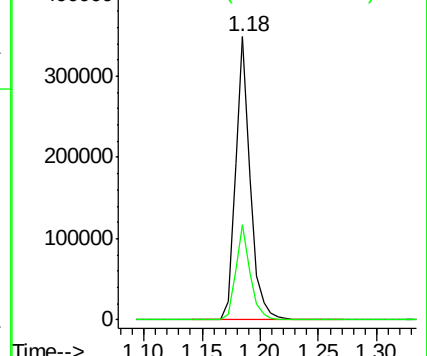
85 100

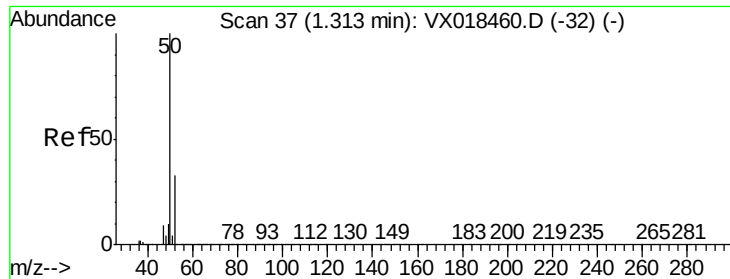
87 33.8 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 52.118 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091720

Tot Ion: 50 Resp: 359367

Ion Ratio Lower Upper

50 100

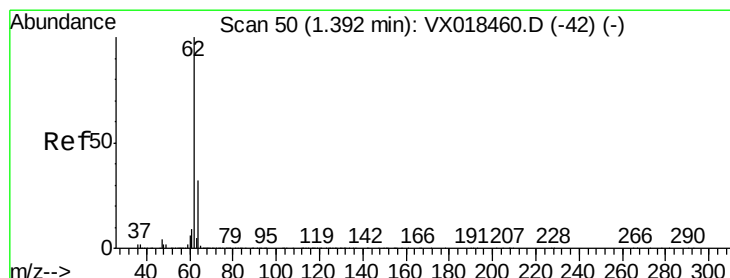
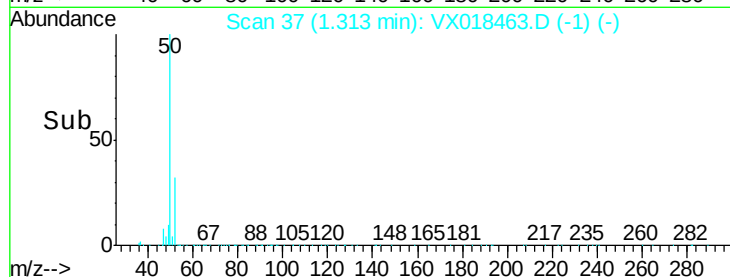
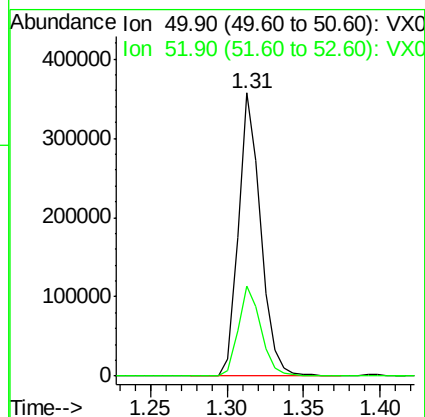
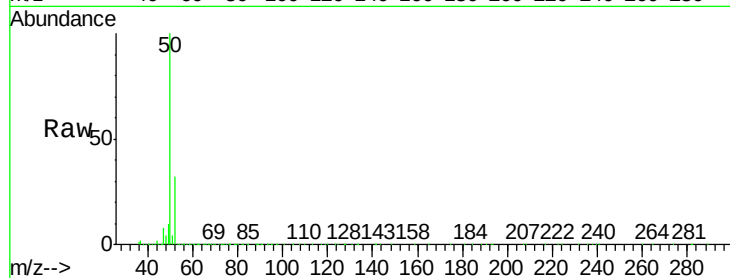
52 31.9 26.6 40.0

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#4

Vinyl Chloride

Concen: 48.646 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018463.D

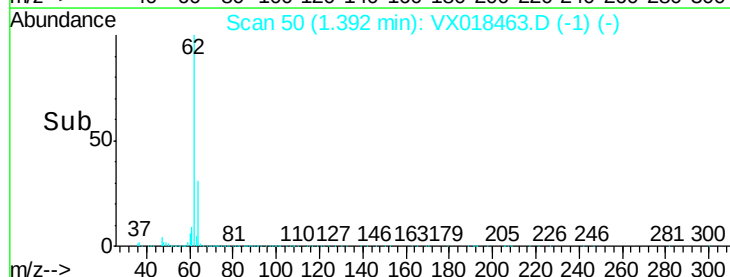
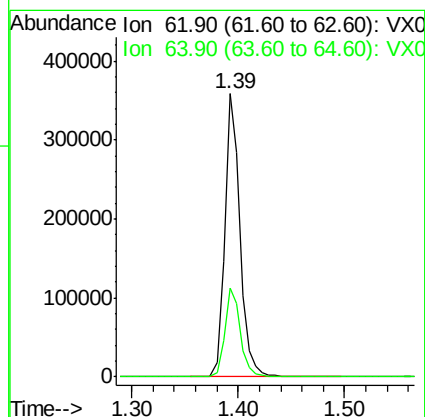
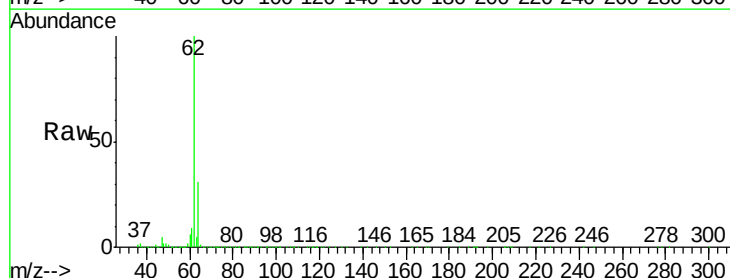
Acq: 17 Sep 2020 12:39

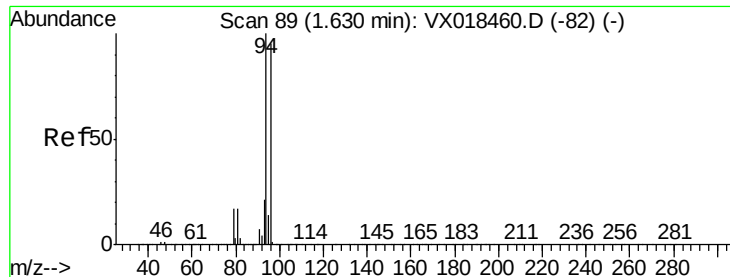
Tgt Ion: 62 Resp: 355109

Ion Ratio Lower Upper

62 100

64 31.3 25.7 38.5





#5

Bromomethane

Concen: 51.632 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.00 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091720

Tot Ion: 94 Resp: 231327

Ion Ratio Lower Upper

94 100

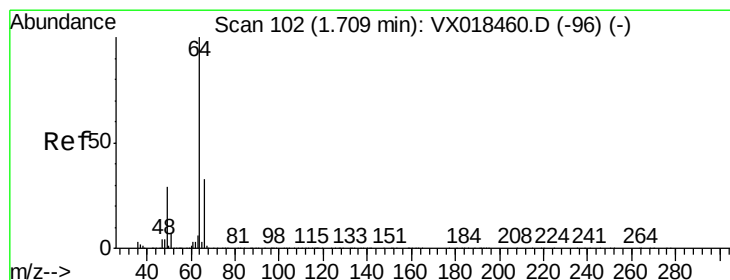
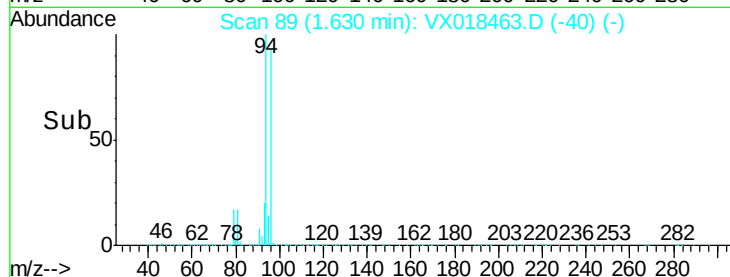
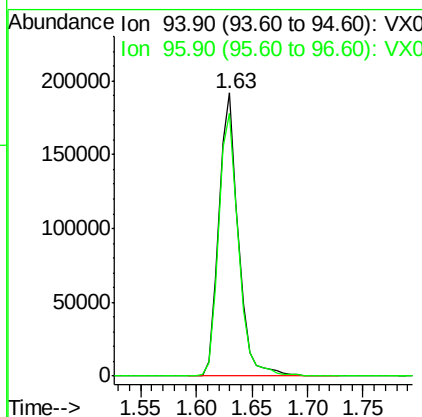
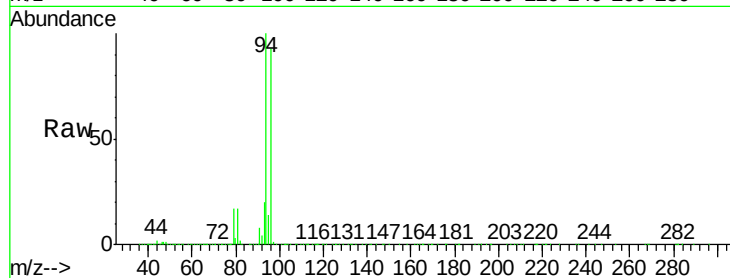
96 92.5 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 48.195 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX018463.D

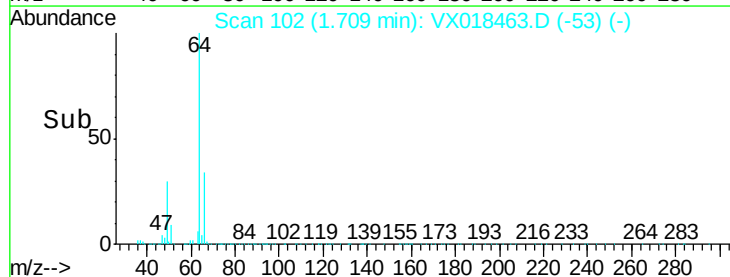
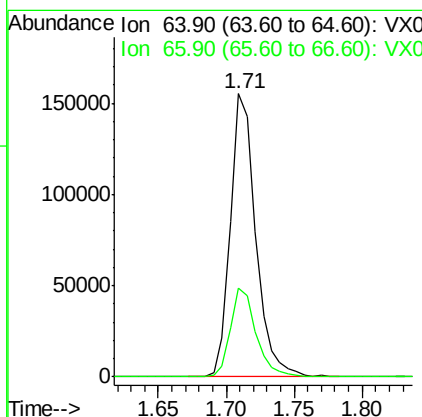
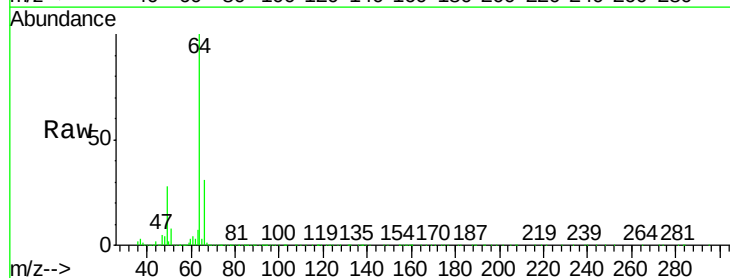
Acq: 17 Sep 2020 12:39

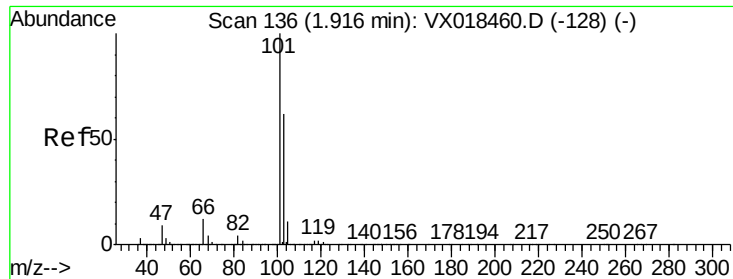
Tgt Ion: 64 Resp: 201350

Ion Ratio Lower Upper

64 100

66 31.2 26.2 39.4





#7

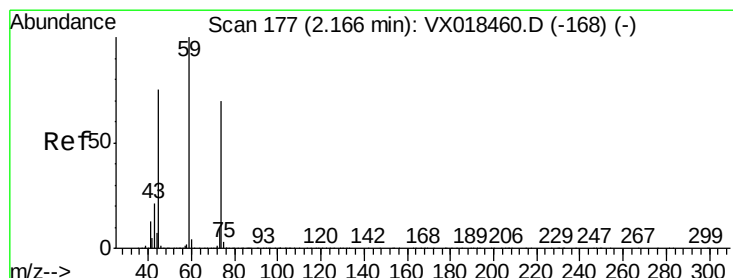
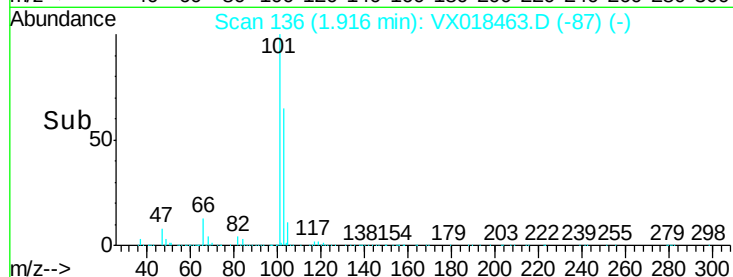
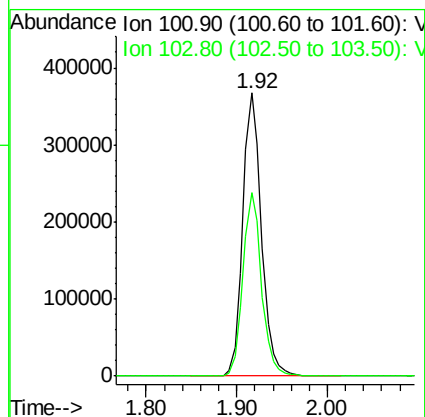
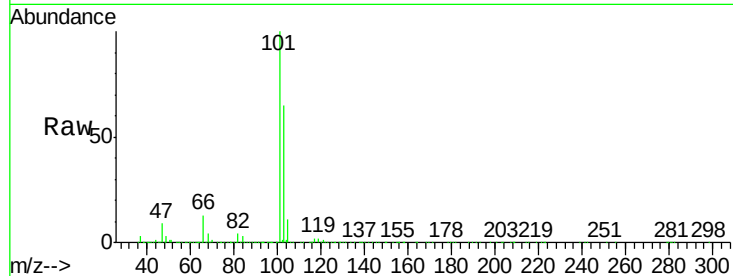
Trichlorofluoromethane
Concen: 47.299 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

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MSVOA_X
ClientSampleId :
ICVVX091720

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	49.6	74.4

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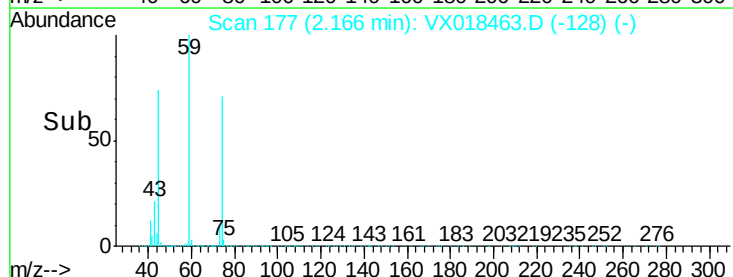
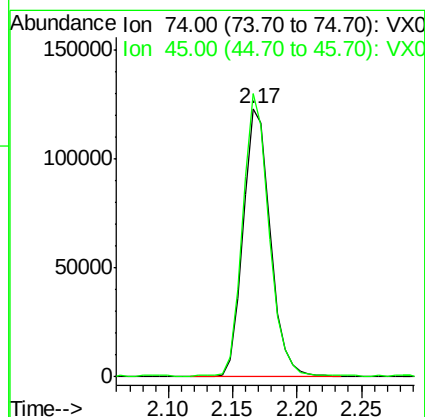
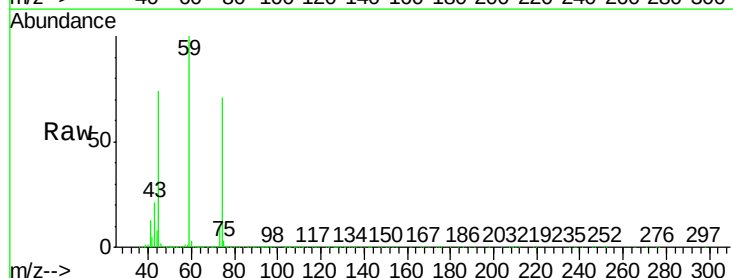
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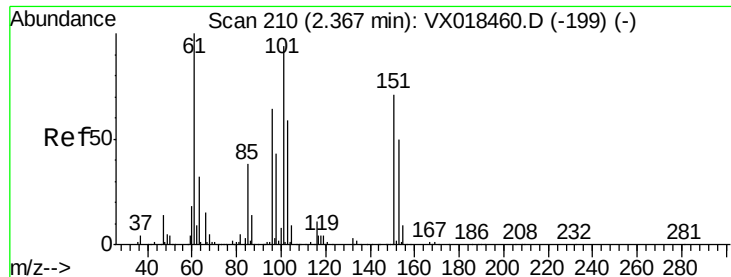


#8

Diethyl Ether
Concen: 45.951 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.2	50.7	152.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.690 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

Instrument :

MSVOA_X

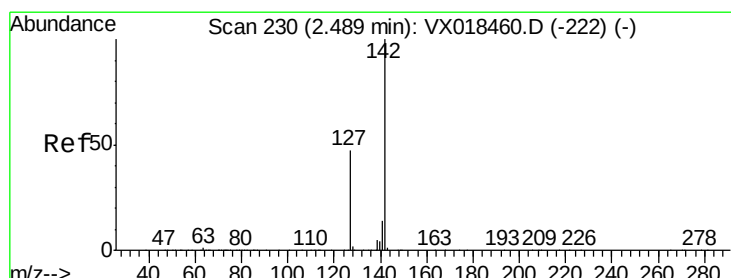
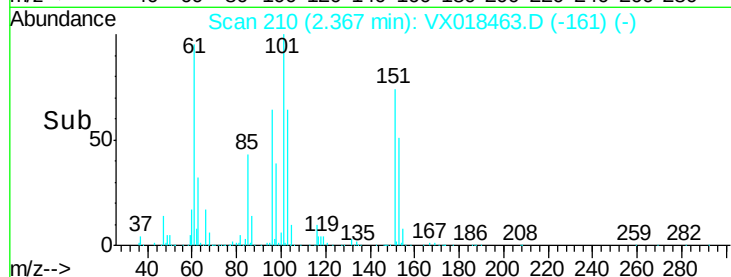
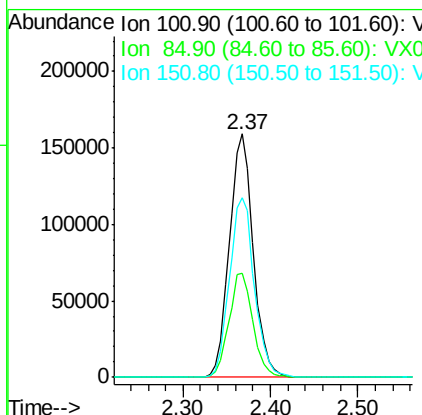
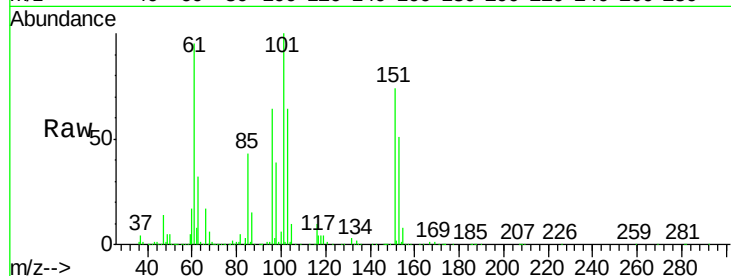
ClientSampleId :

ICVVX091720

Tot Ion:	101	Resp:	302569
Ion Ratio	Lower	Upper	
101	100		
85	43.0	34.7	52.1
151	76.8	64.9	97.3

Manual Integrations
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#10

Methyl Iodide

Concen: 44.864 ug/l

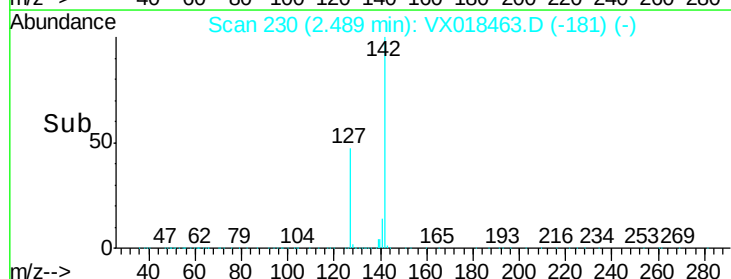
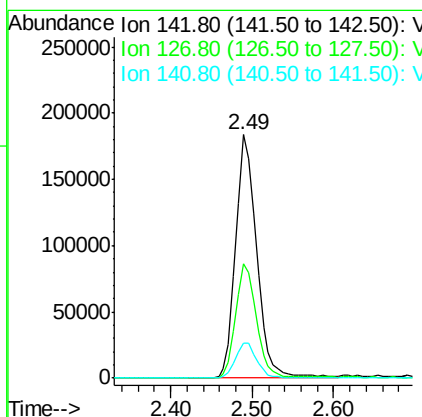
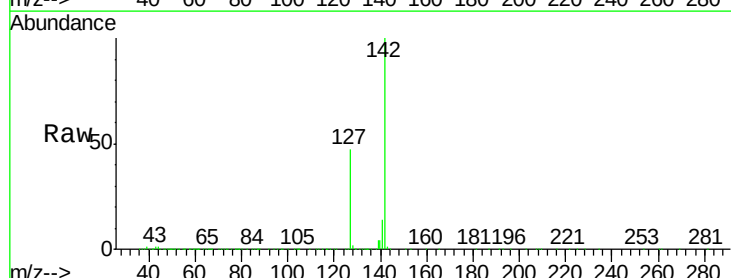
RT: 2.49 min Scan# 230

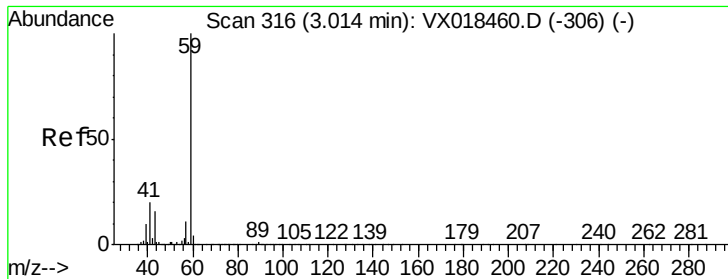
Delta R.T. 0.00 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

Tgt Ion:	142	Resp:	327210
Ion Ratio	Lower	Upper	
142	100		
127	45.7	36.0	54.0
141	14.3	11.9	17.9





#11

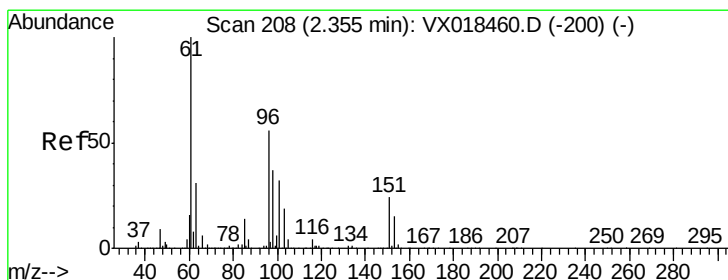
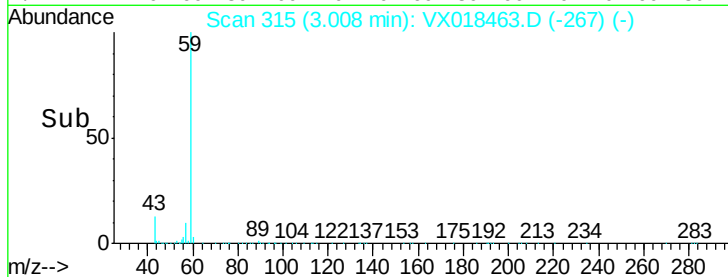
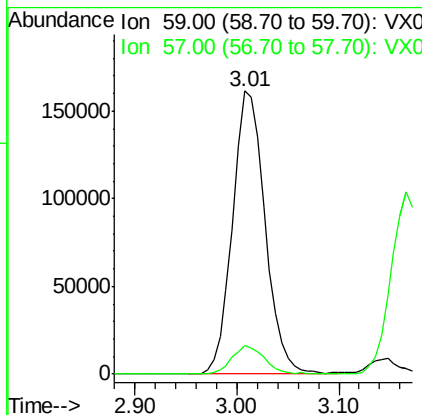
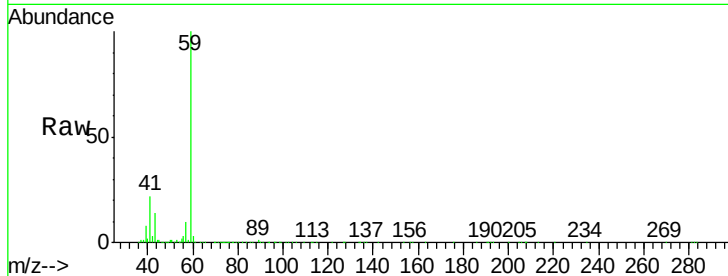
Tert butyl alcohol
Concen: 232.812 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091720

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4

Manual Integrations
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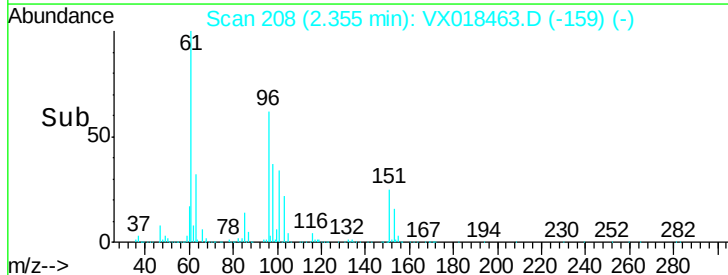
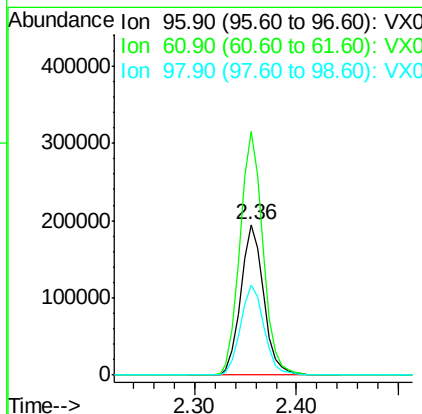
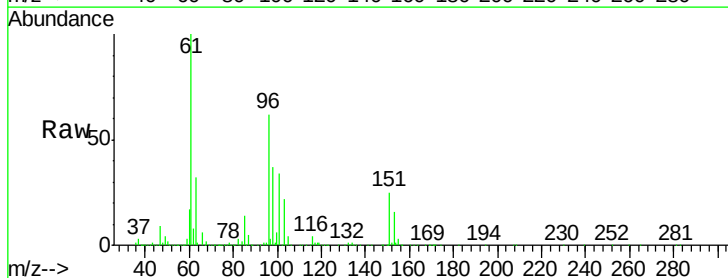
MMDadoda
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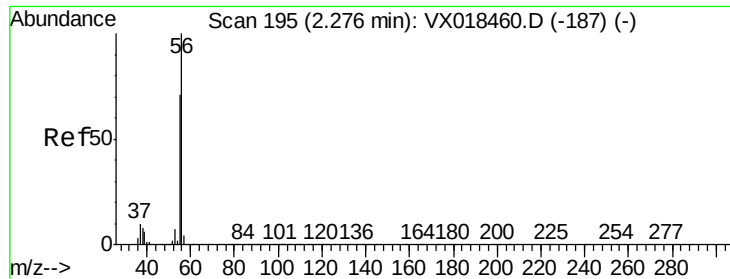


#12

1,1-Dichloroethene
Concen: 49.817 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Tgt Ion	Ratio	Lower	Upper
96	100		
61	161.9	142.2	213.4
98	59.9	52.4	78.6





#13

Acrolein

Concen: 249.101 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091720

Tot Ion: 56 Resp: 241182

Ion Ratio Lower Upper

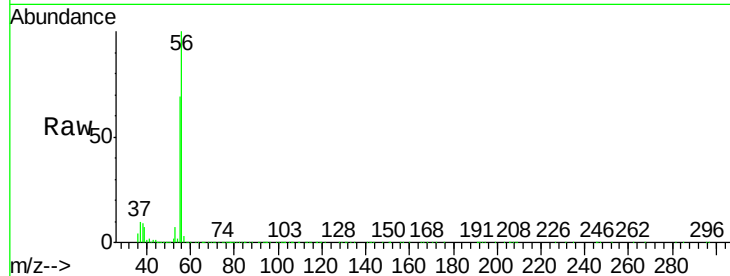
56 100

55 69.5 58.2 87.4

Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.28

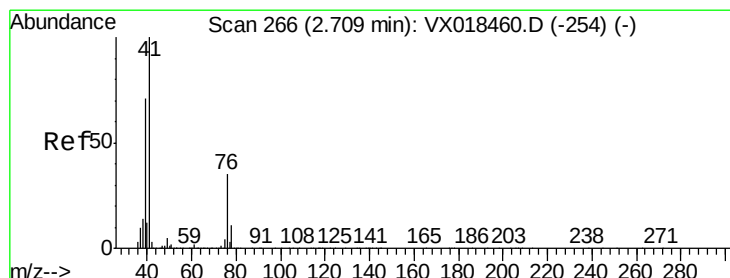
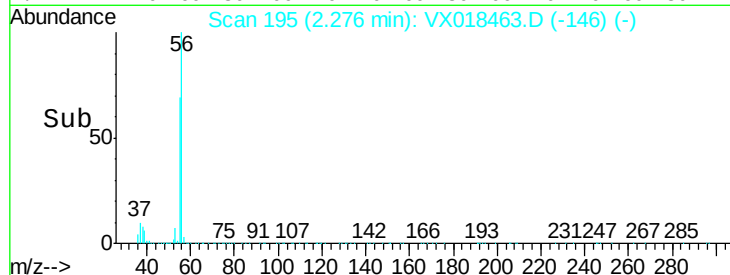
150000

100000

50000

0

Time-->



#14

Allyl chloride

Concen: 48.430 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

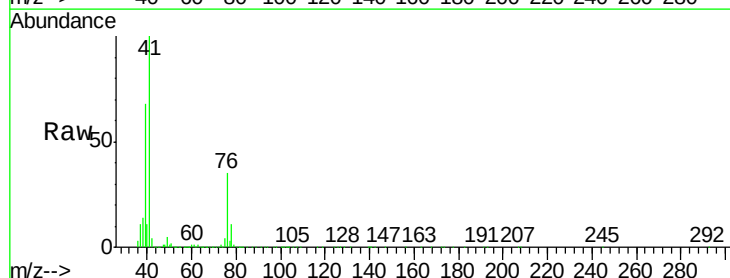
Tgt Ion: 41 Resp: 564613

Ion Ratio Lower Upper

41 100

39 64.2 51.1 76.7

76 32.4 26.0 39.0



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

400000

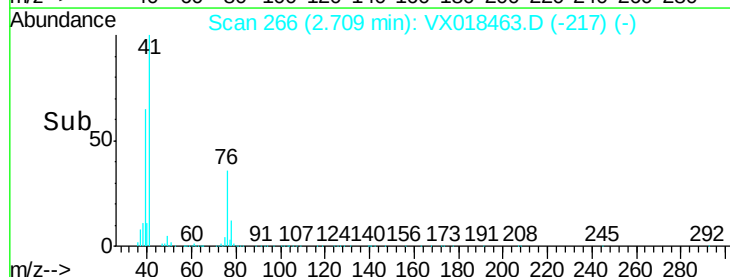
300000

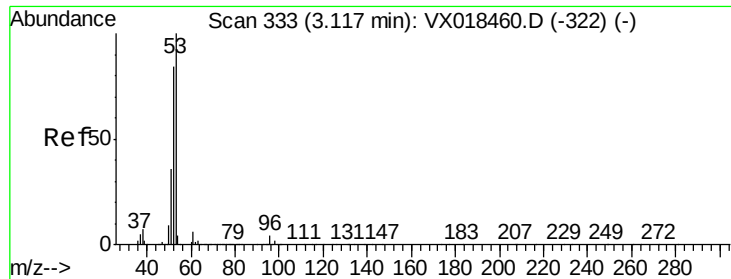
200000

100000

0

Time-->





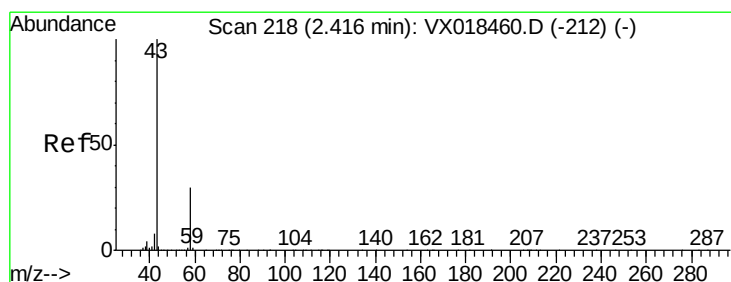
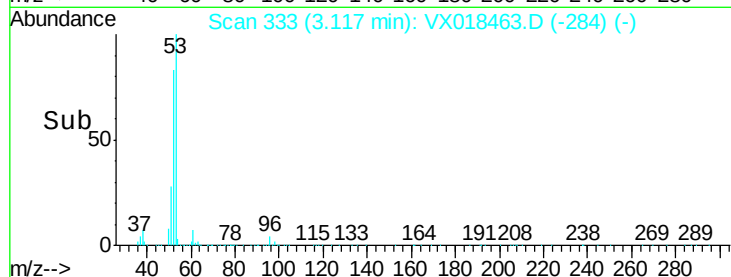
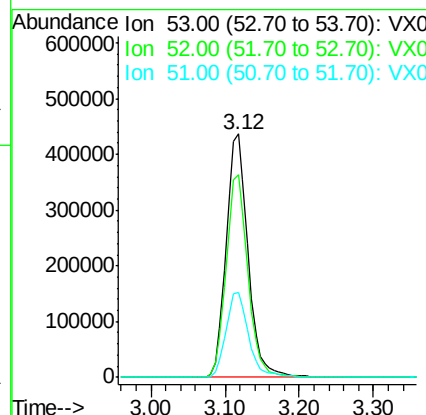
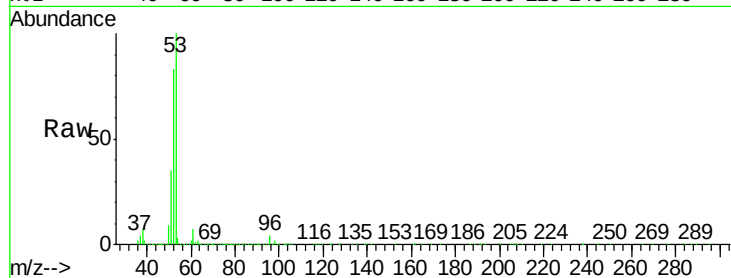
#15
 Acrylonitrile
 Concen: 245.053 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX018463.D
 Acq: 17 Sep 2020 12:39

Instrument :
 MSVOA_X
 ClientSampleID :
 ICVVX091720

Tot Ion	Ion	Ratio	Resp	Lower	Upper
53	100		894078		
52	82.9	65.8	98.8		
51	36.0	29.2	43.8		

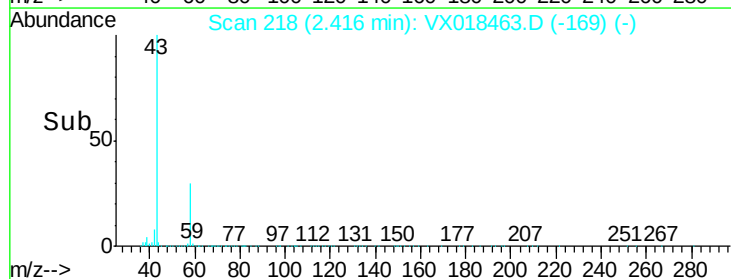
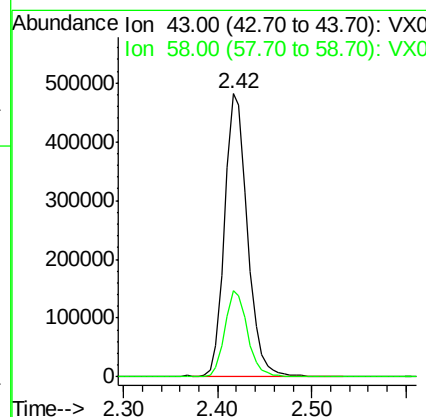
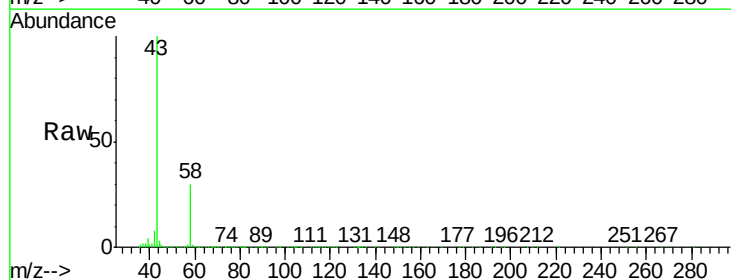
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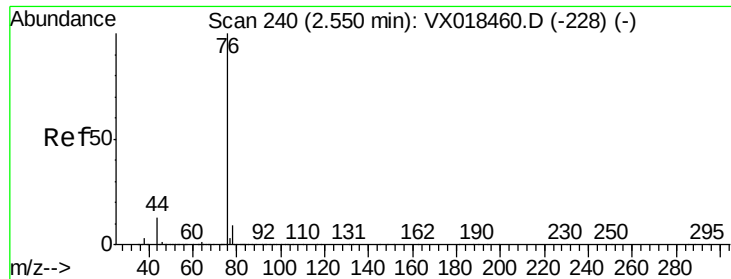
MMDadoda
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#16
 Acetone
 Concen: 238.442 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX018463.D
 Acq: 17 Sep 2020 12:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
43	100		801387		
58	30.3	24.0	36.0		





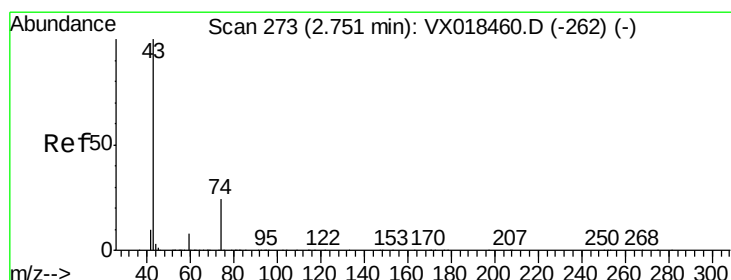
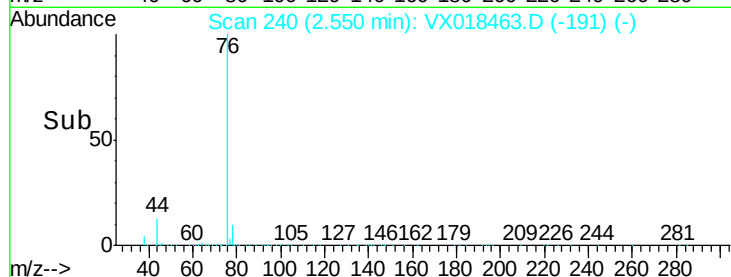
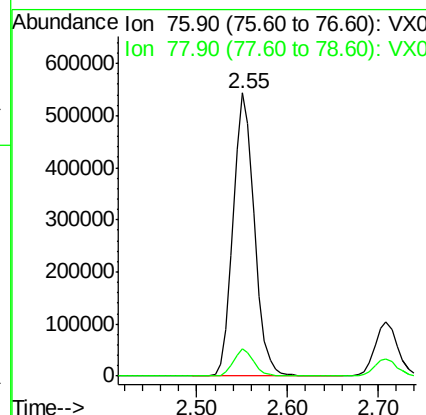
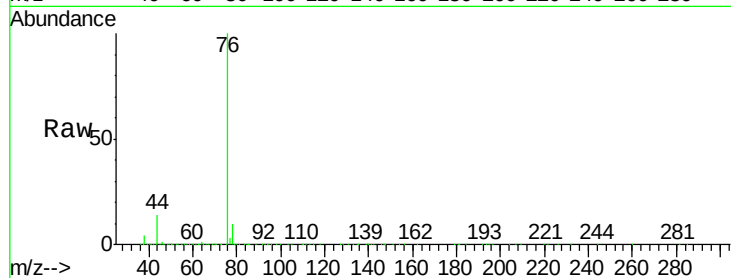
#17
Carbon Disulfide
Concen: 49.098 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091720

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.0	10.4

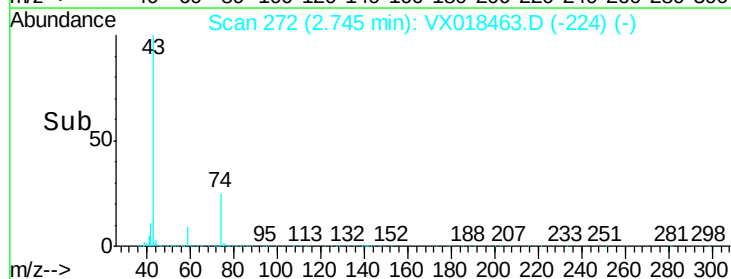
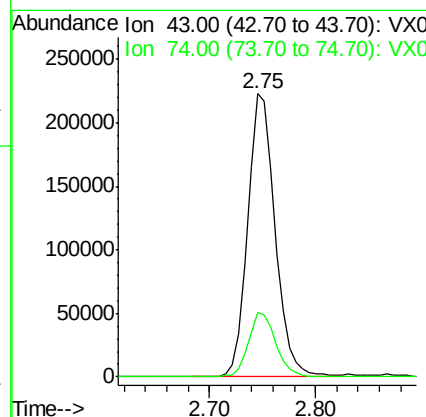
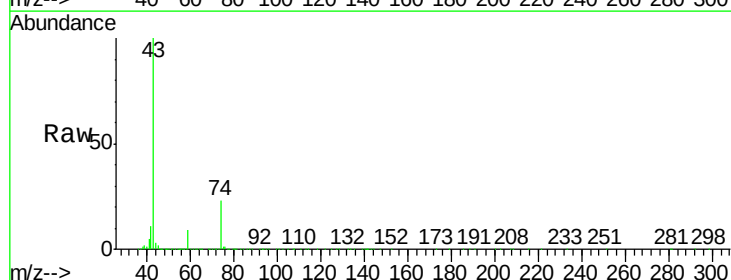
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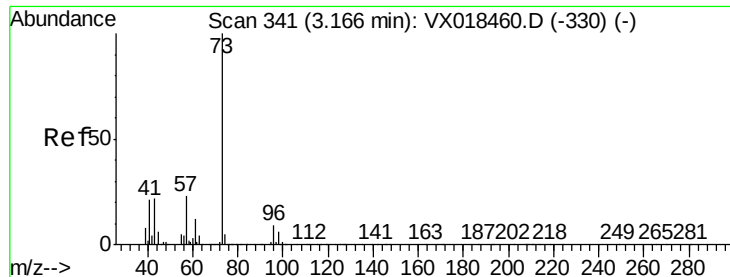
MMDadoda
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#18
Methyl Acetate
Concen: 48.316 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	18.3	27.5





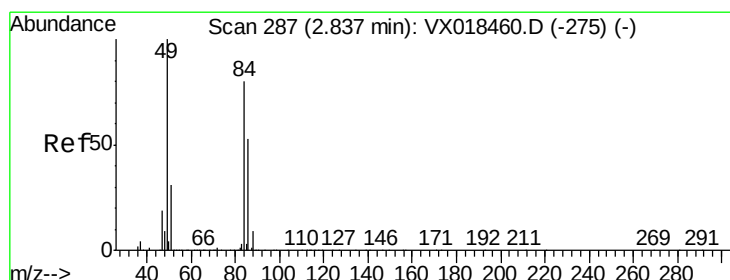
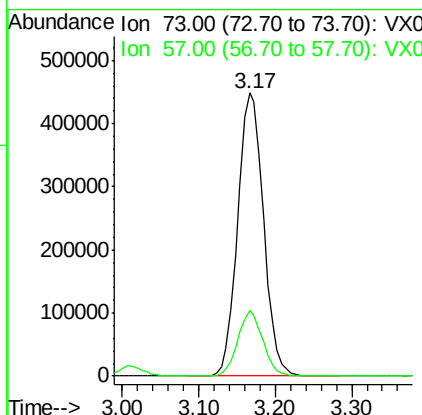
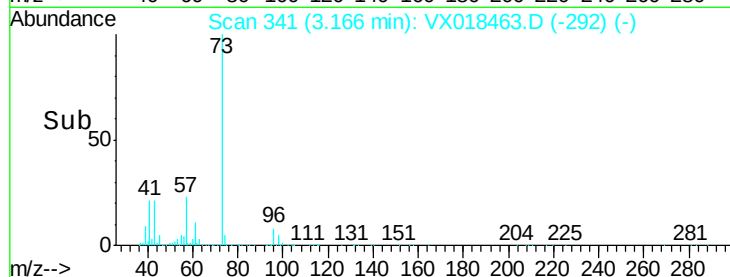
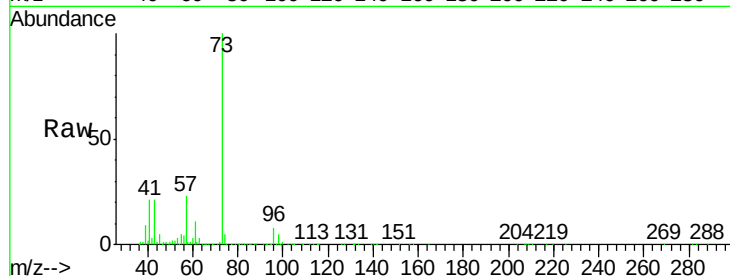
#19
Methyl tert-butyl Ether
Concen: 49.727 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091720

Tot Ion: 73 Resp: 1050178
Ion Ratio Lower Upper
73 100
57 23.1 18.0 27.0

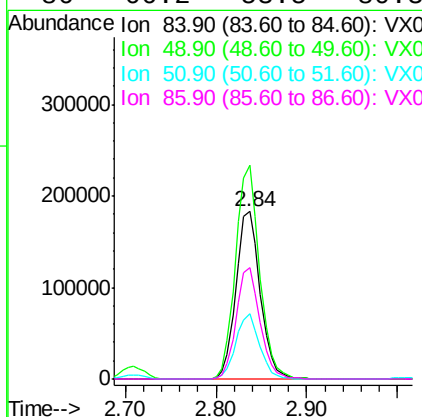
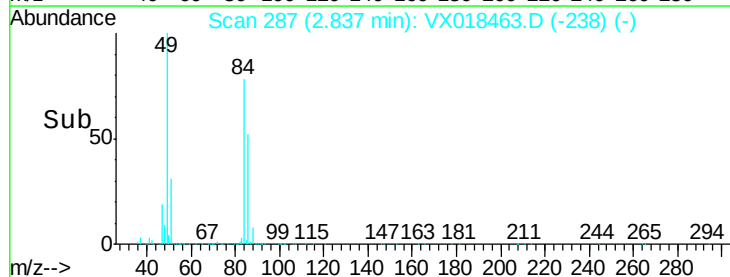
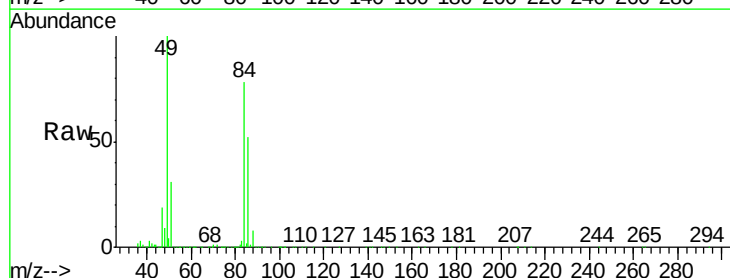
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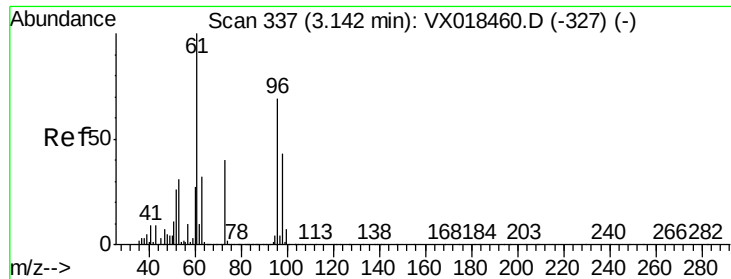
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#20
Methylene Chloride
Concen: 45.920 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Tgt Ion: 84 Resp: 340522
Ion Ratio Lower Upper
84 100
49 127.4 100.6 151.0
51 39.2 30.9 46.3
86 66.2 53.5 80.3





#21

trans-1,2-Dichloroethene

Concen: 47.167 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

Instrument :

MSVOA_X

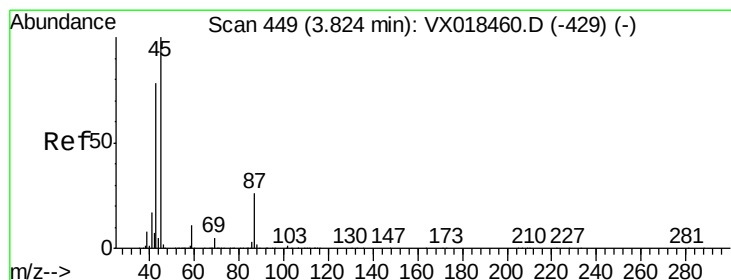
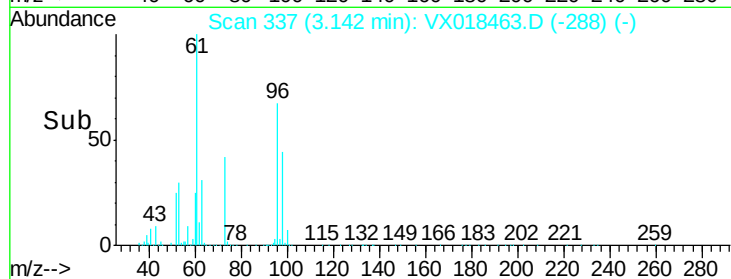
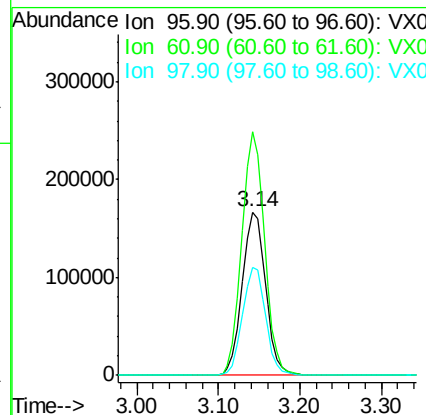
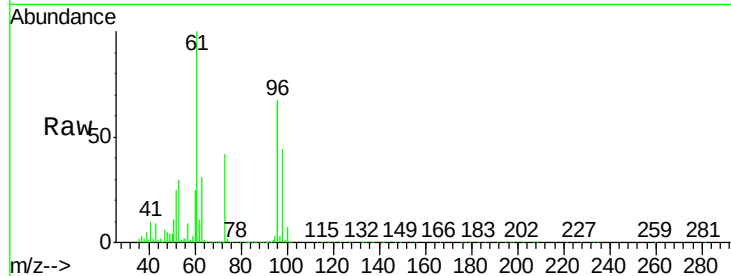
ClientSampleId :

ICVVX091720

Tot Ion:	96	Resp:	329785
Ion	Ratio	Lower	Upper
96	100		
61	148.8	115.6	173.4
98	66.1	50.2	75.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.892 ug/l

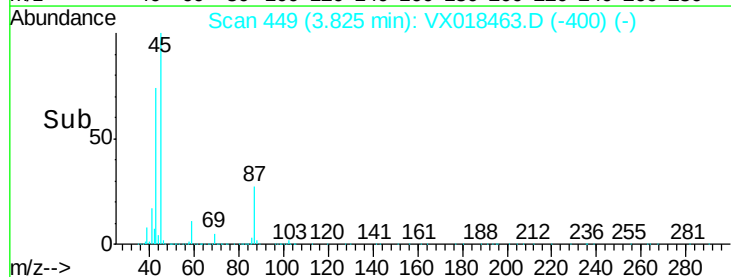
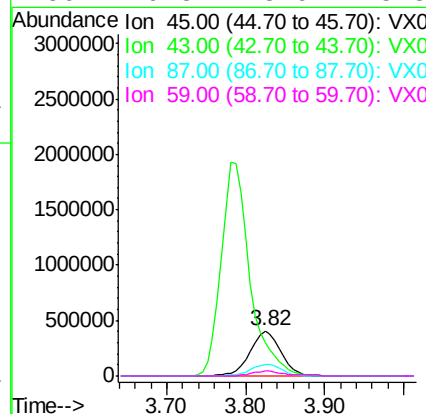
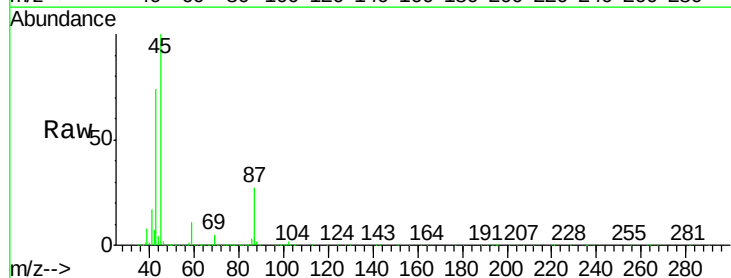
RT: 3.82 min Scan# 449

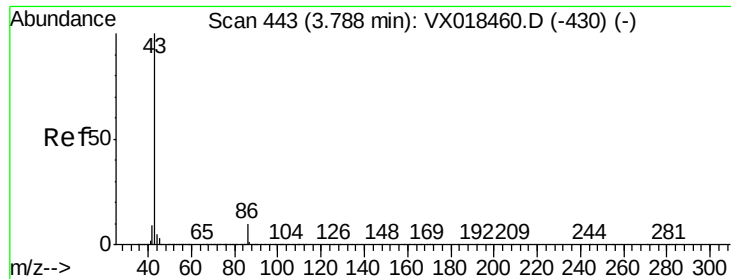
Delta R.T. 0.00 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

Tgt Ion:	45	Resp:	1093324
Ion	Ratio	Lower	Upper
45	100		
43	73.7	62.4	93.6
87	26.6	21.2	31.8
59	10.8	8.9	13.3





#23

Vinyl Acetate

Concen: 253.674 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

Instrument :

MSVOA_X

ClientSampled :

ICVVX091720

Tot Ion: 43 Resp: 4925949

Ion Ratio Lower Upper

43 100

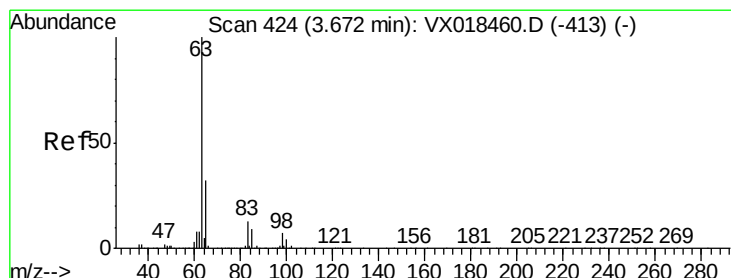
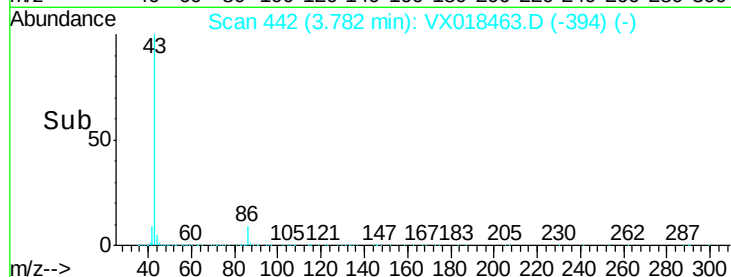
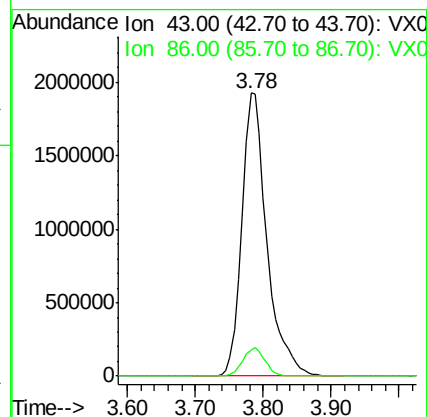
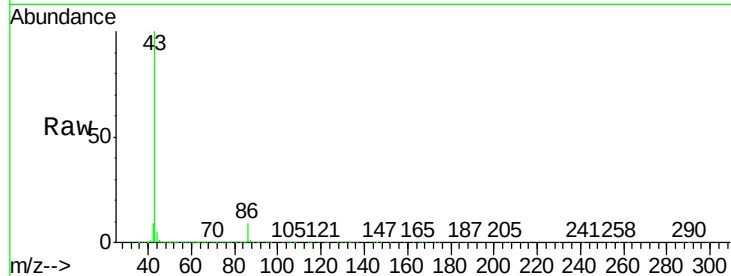
86 9.4 8.1 12.1

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 48.287 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

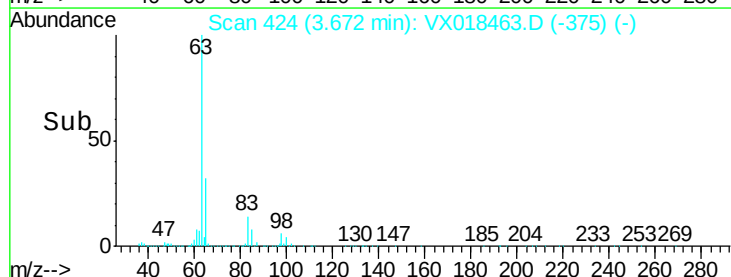
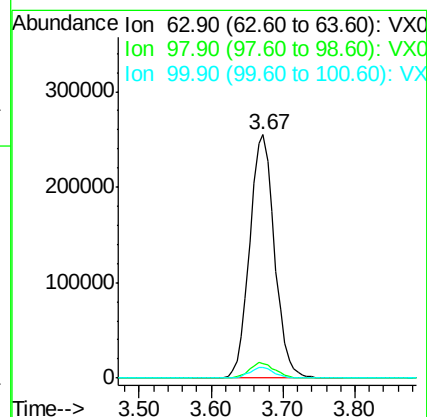
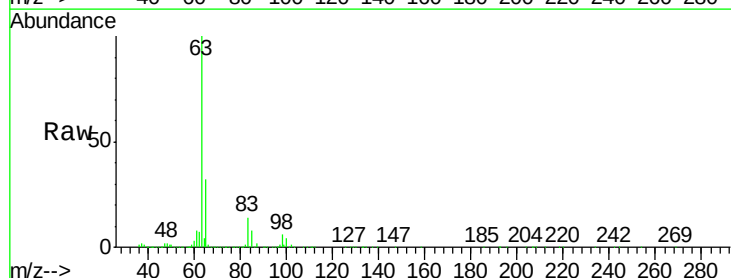
Tgt Ion: 63 Resp: 610258

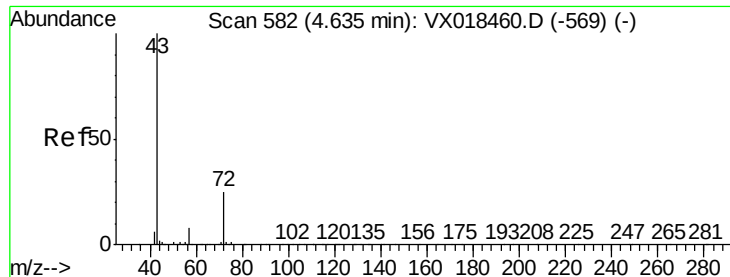
Ion Ratio Lower Upper

63 100

98 5.9 3.5 10.6

100 4.2 1.9 5.7





#25

2-Butanone

Concen: 247.341 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091720

Tot Ion: 43 Resp: 1294551

Ion Ratio Lower Upper

43 100

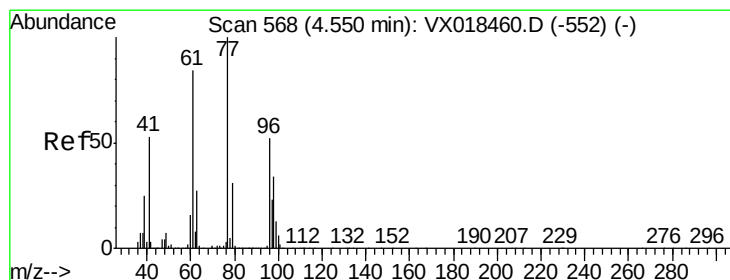
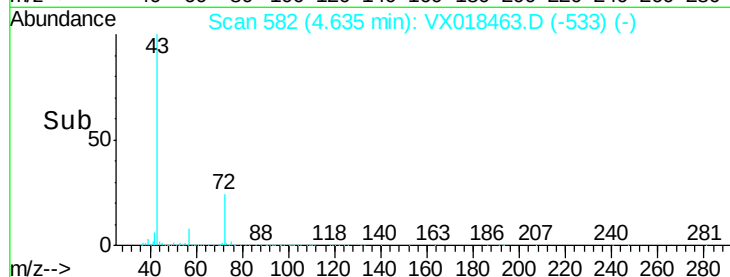
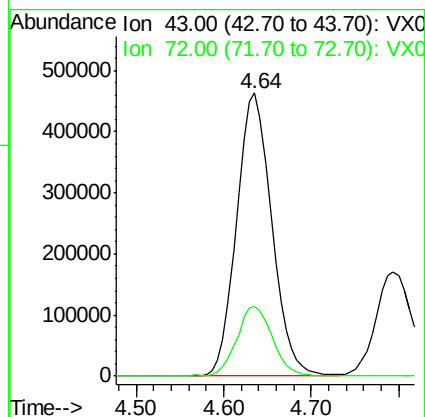
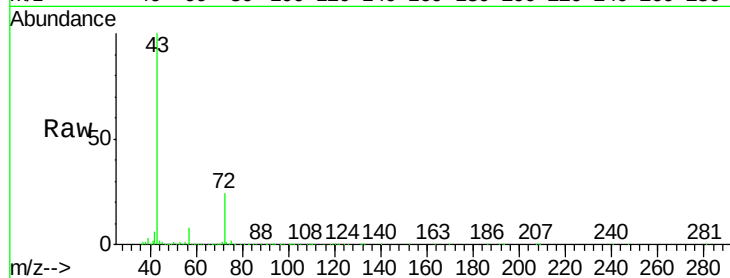
72 24.4 20.2 30.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.427 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX018463.D

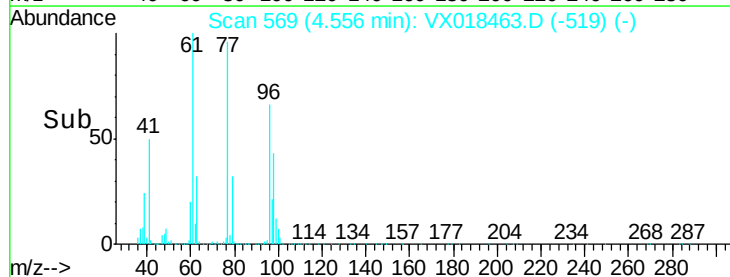
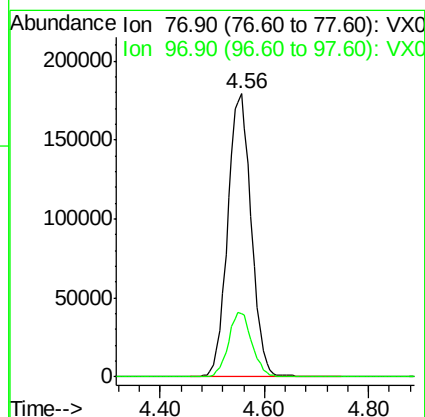
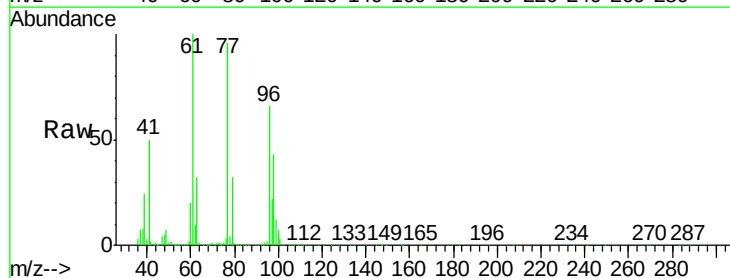
Acq: 17 Sep 2020 12:39

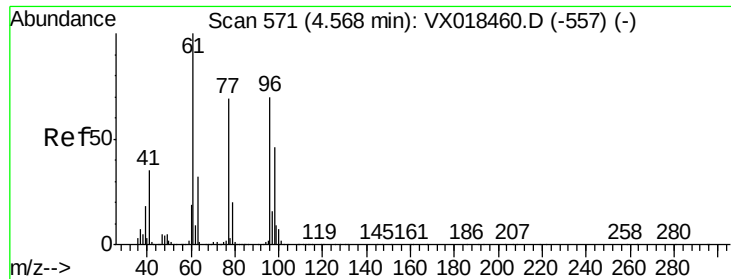
Tgt Ion: 77 Resp: 565485

Ion Ratio Lower Upper

77 100

97 22.6 11.2 33.5





#27

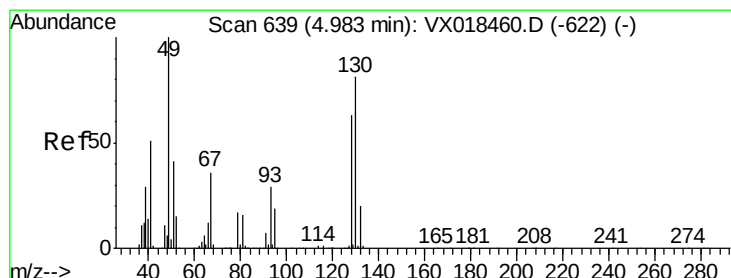
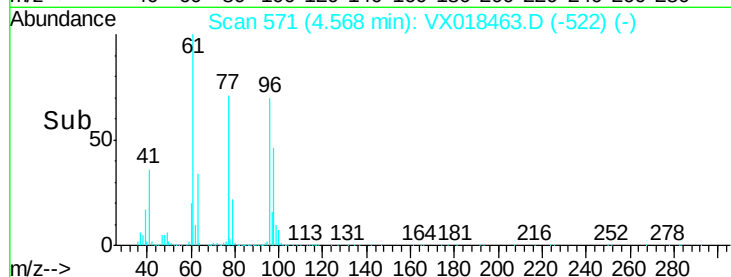
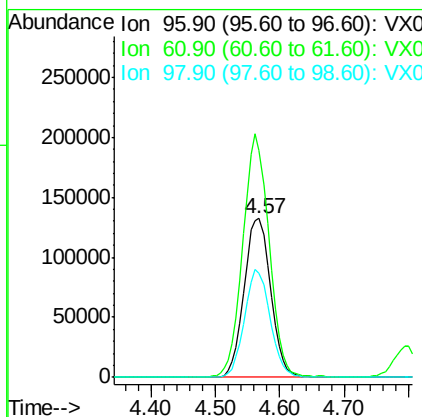
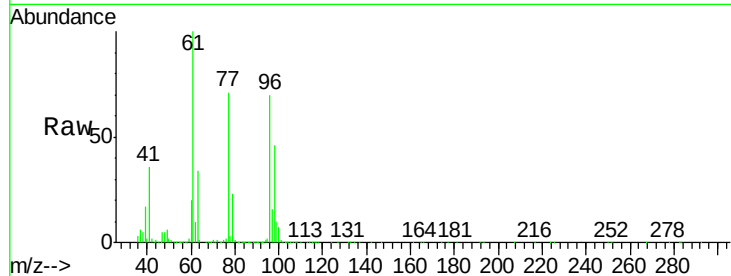
cis-1,2-Dichloroethene
Concen: 48.007 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Instrument :
MSVOA_X
ClientSampled :
ICVVX091720

Tot Ion	Ratio	Resp	Lower	Upper
96	100	376223		
61	150.1	0.0	300.0	
98	65.2	0.0	130.4	

Manual Integrations
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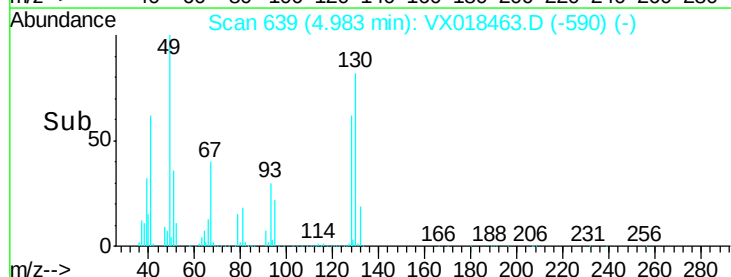
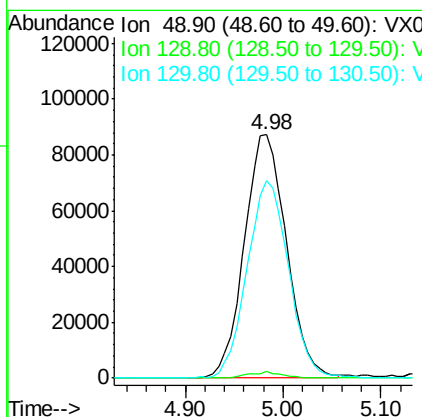
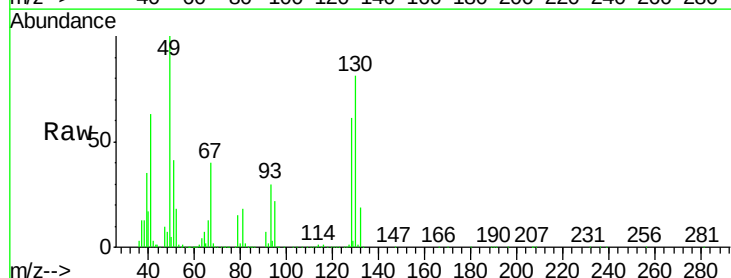
MMDadoda
9/18/2020 12:19:45 PM

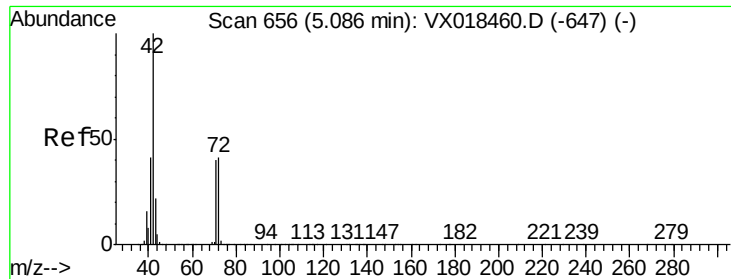


#28

Bromochloromethane
Concen: 43.902 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	259633		
129	2.1	0.0	4.6	
130	80.6	65.0	97.4	





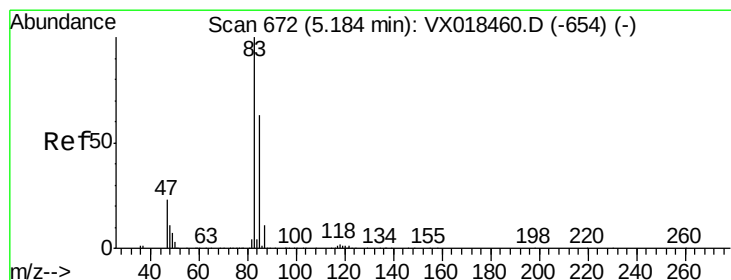
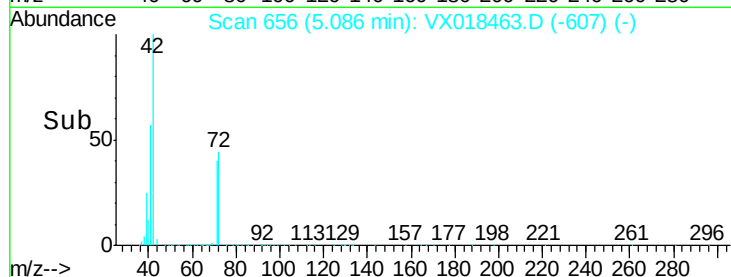
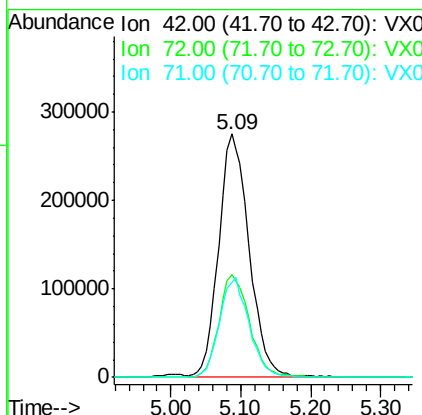
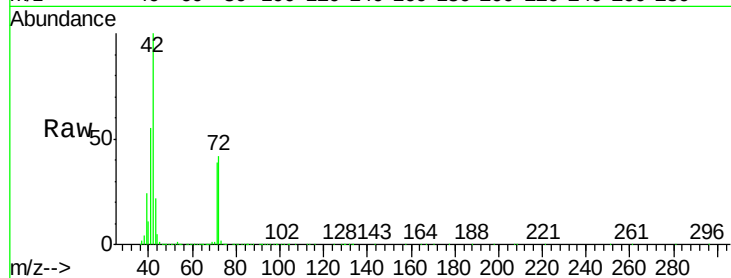
#29
Tetrahydrofuran
Concen: 249.881 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091720

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	34.3	51.5
71	40.0	32.1	48.1

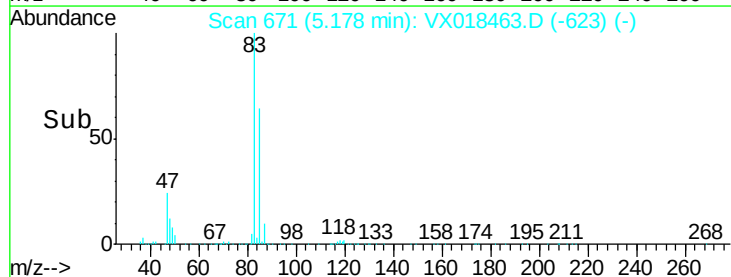
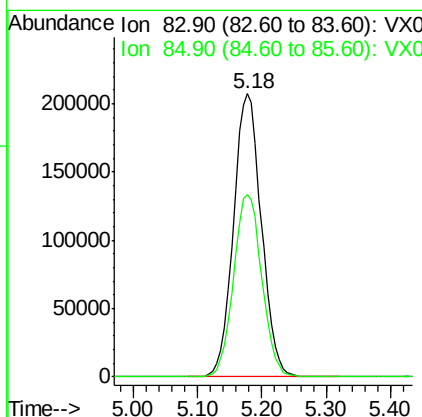
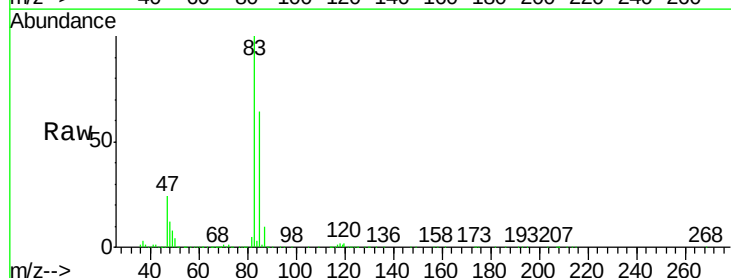
Manual Integrations
APPROVED

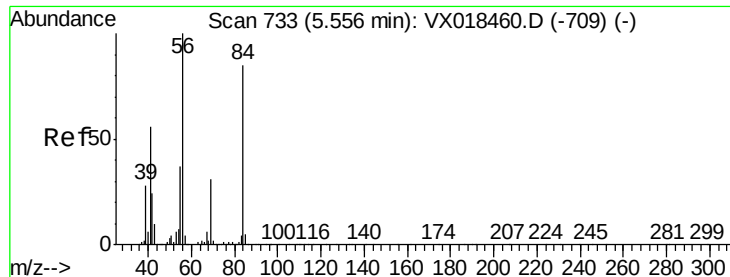
MMDadoda
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#30
Chloroform
Concen: 48.607 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.6	76.0





#31

Cyclohexane

Concen: 50.960 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.01 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

Instrument :

MSVOA_X

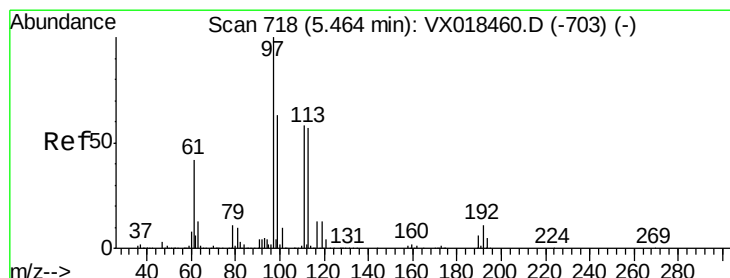
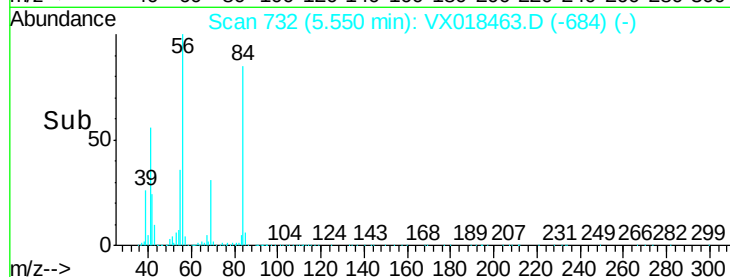
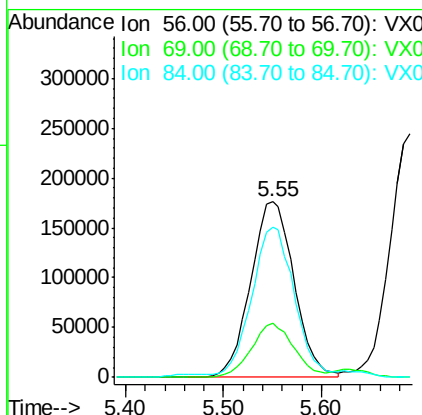
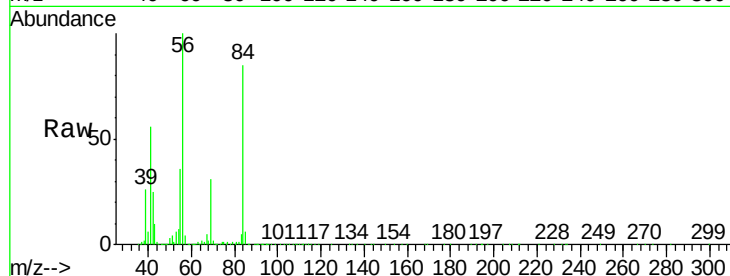
ClientSampleId :

ICVVX091720

Tot Ion:	56	Resp:	541966
Ion	Ratio	Lower	Upper
56	100		
69	31.0	24.8	37.2
84	83.7	67.6	101.4

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 47.711 ug/l

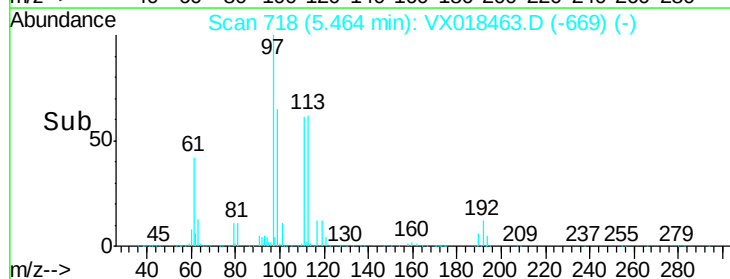
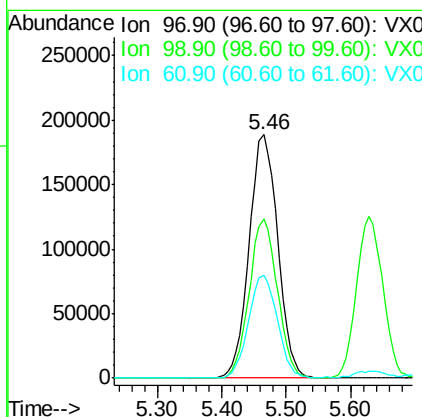
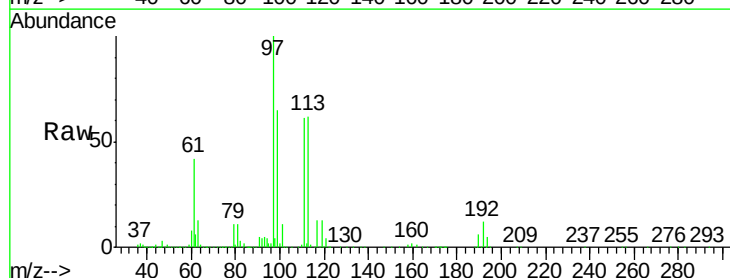
RT: 5.46 min Scan# 718

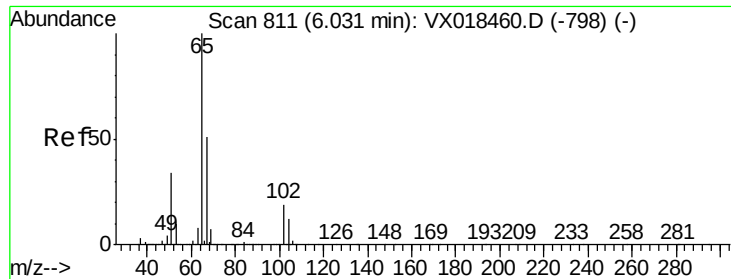
Delta R.T. 0.00 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

Tgt Ion:	97	Resp:	573950
Ion	Ratio	Lower	Upper
97	100		
99	64.5	50.5	75.7
61	42.7	33.4	50.2





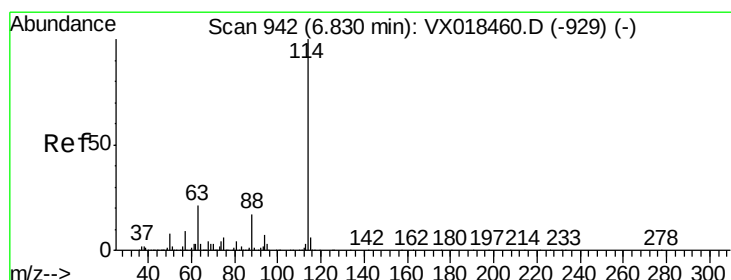
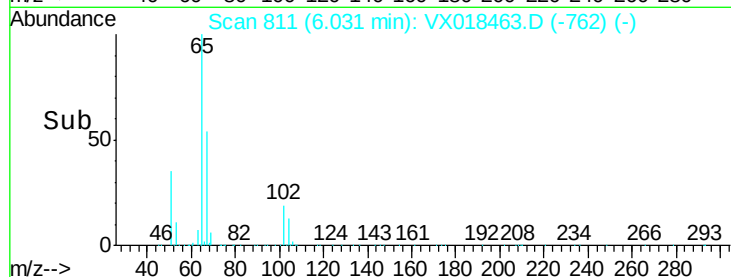
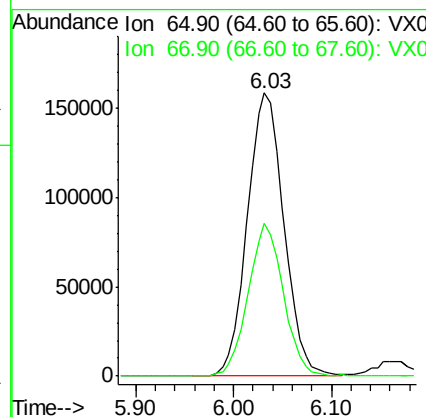
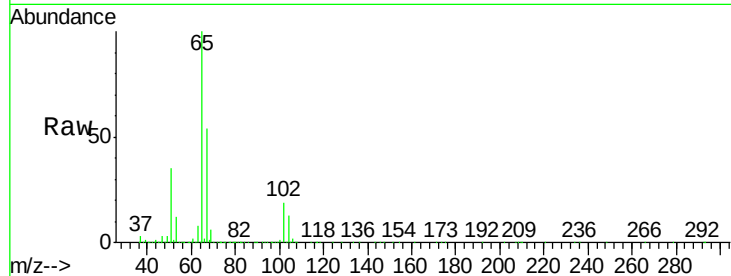
#33
 1,2-Dichloroethane-d4
 Concen: 46.798 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018463.D
 Acq: 17 Sep 2020 12:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091720

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	105.6

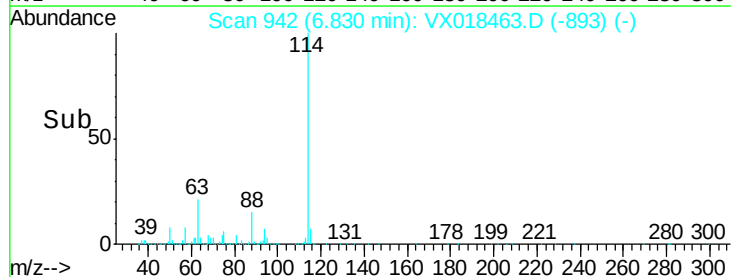
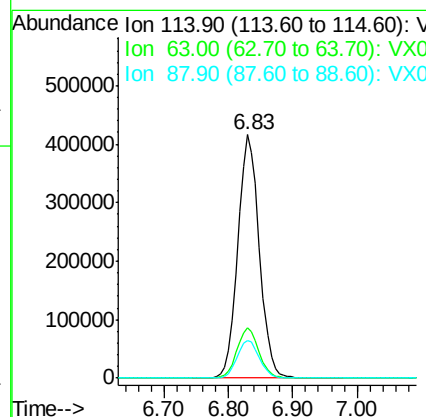
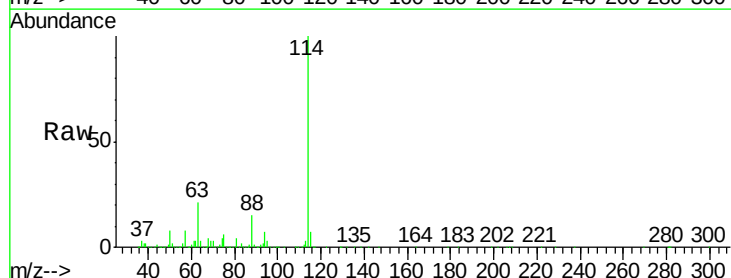
Manual Integrations
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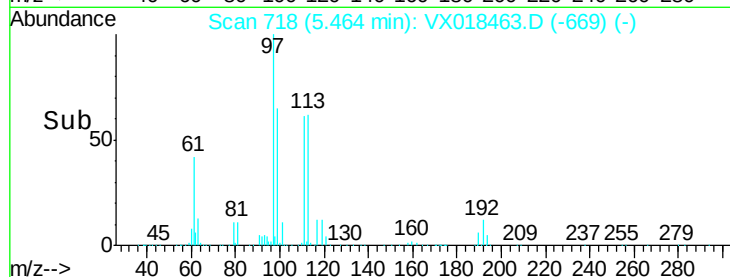
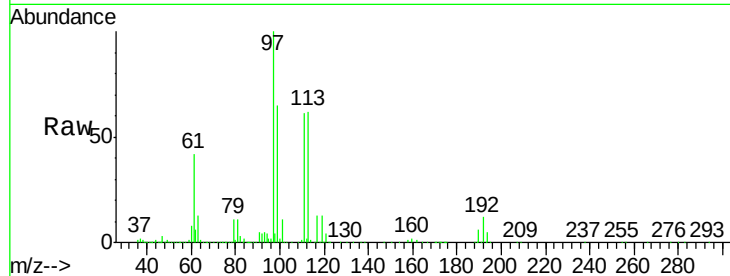
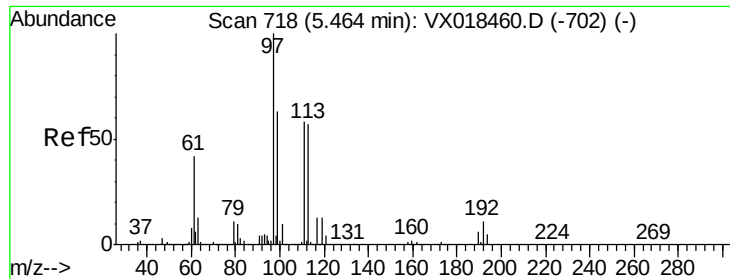
MMDadoda
 9/18/2020 12:19:45 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX018463.D
 Acq: 17 Sep 2020 12:39

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	42.8
88	15.4	0.0	33.6





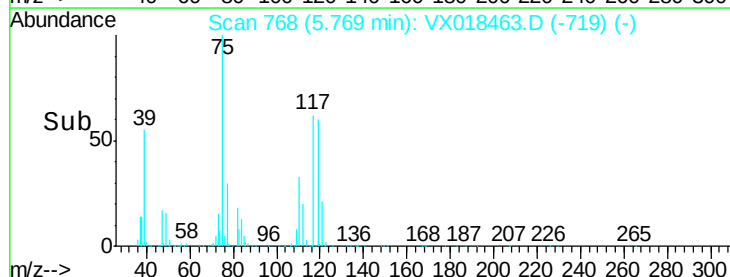
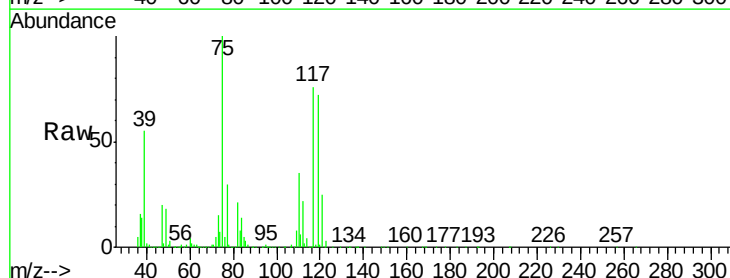
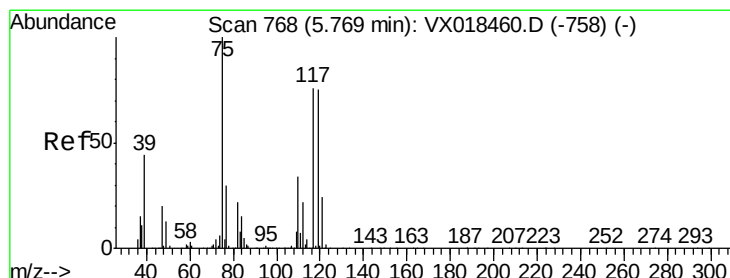
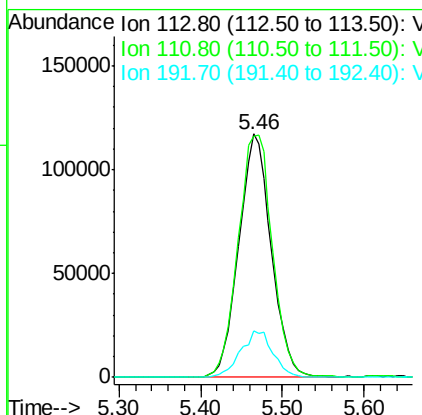
#35
Dibromofluoromethane
Concen: 48.140 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Tot Ion	Ratio	Resp	Lower	Upper
113	100	322706		
111	105.4	81.4	122.2	
192	19.2	16.6	24.8	

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091720

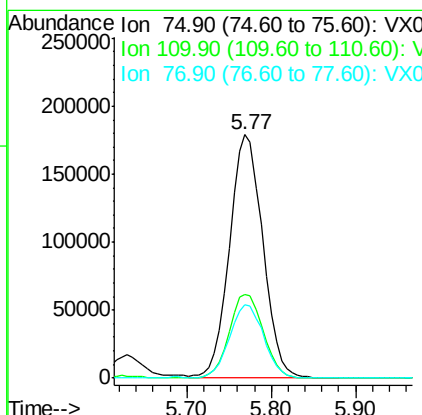
Manual Integrations
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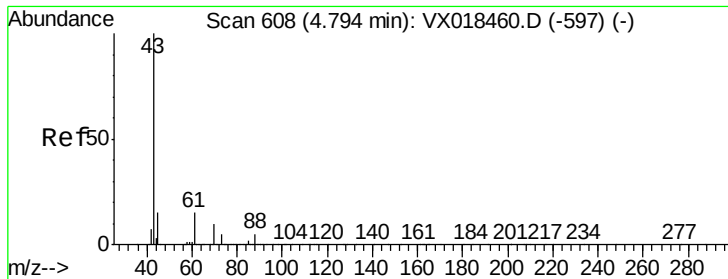
MMDadoda
9/18/2020 12:19:45 PM



#36
1,1-Dichloropropene
Concen: 50.742 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	477566		
110	35.1	17.6	52.8	
77	30.8	25.0	37.6	





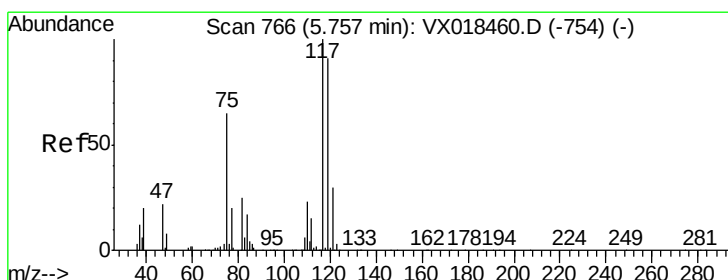
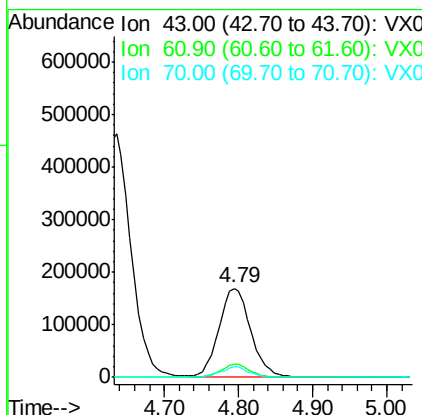
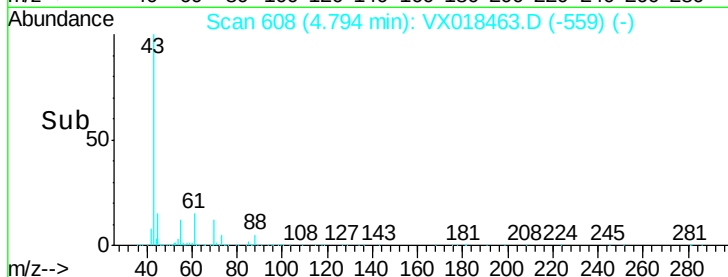
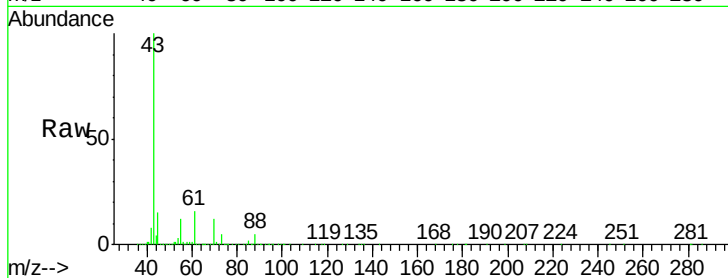
#37
Ethyl Acetate
Concen: 49.896 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091720

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.8	10.9	16.3
70	10.6	8.3	12.5

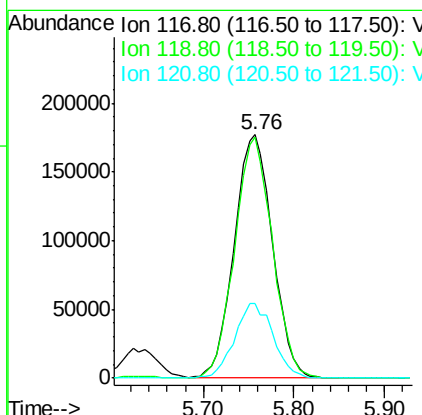
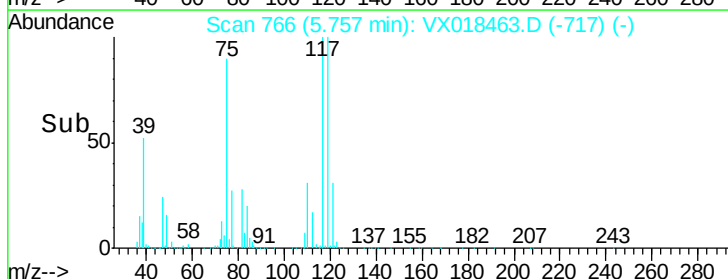
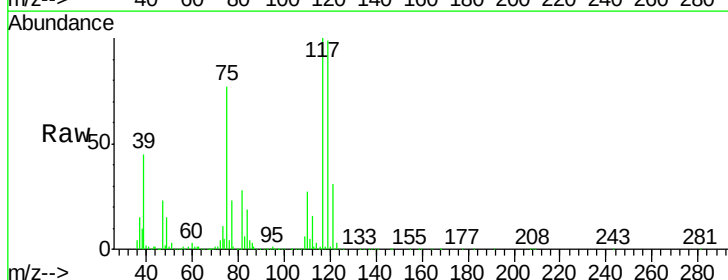
Manual Integrations
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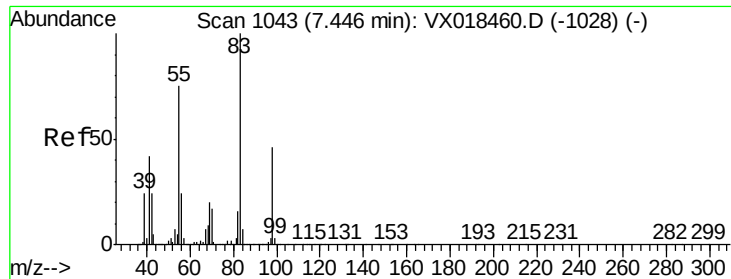
MMDadoda
9/18/2020 12:19:45 PM



#38
Carbon Tetrachloride
Concen: 49.794 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.1	72.3	108.5
121	30.8	23.8	35.8





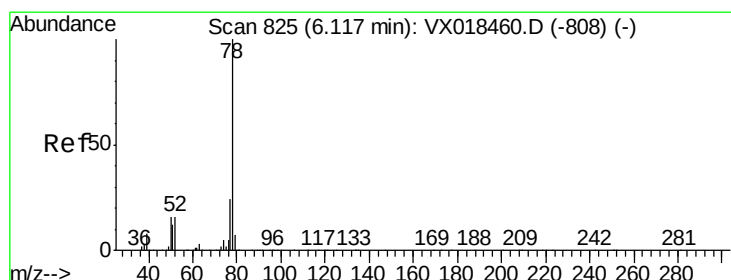
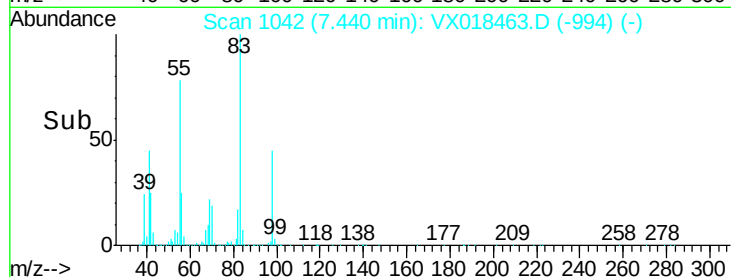
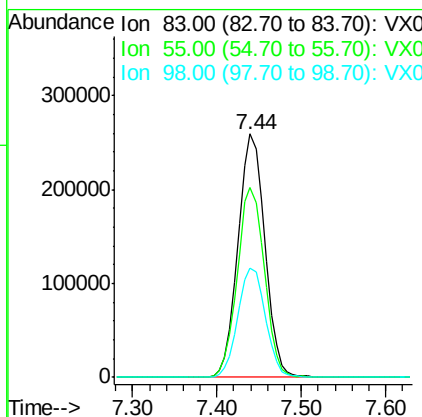
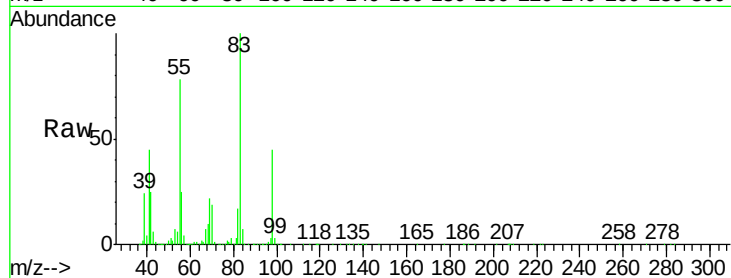
#39
Methylvlcyclohexane
Concen: 52.551 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091720

Tot Ion	Ratio	Resp	Lower	Upper
83	100	555659		
55	78.0		60.2	90.4
98	44.7		36.4	54.6

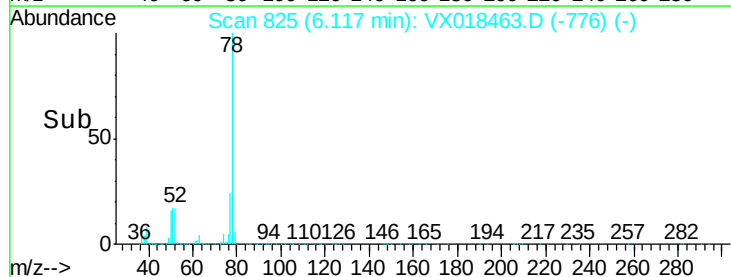
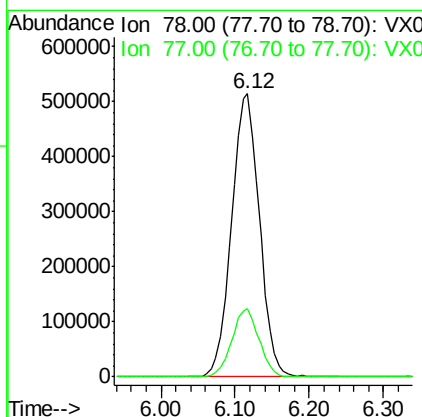
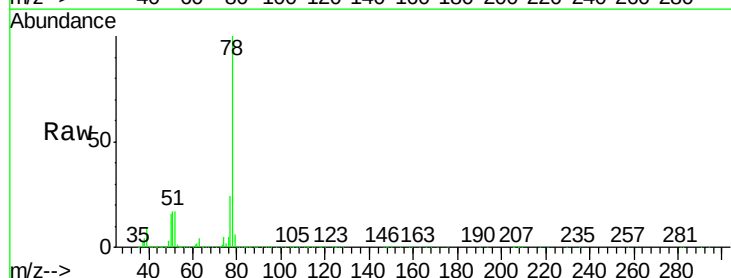
Manual Integrations
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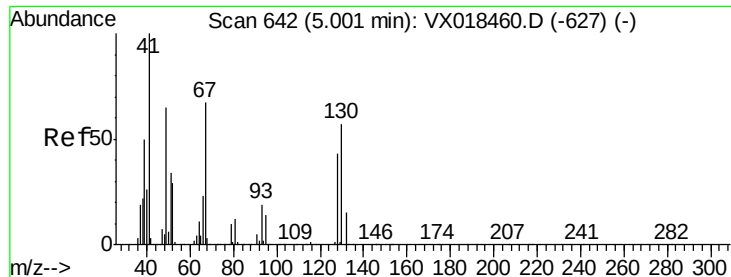
MMDadoda
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#40
Benzene
Concen: 49.927 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	1346652		
77	24.0		19.0	28.4





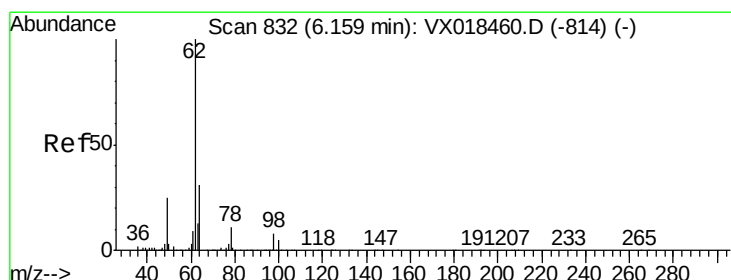
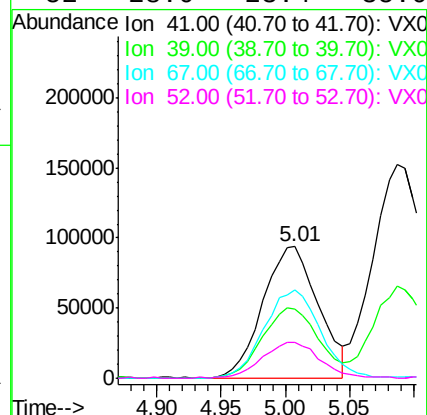
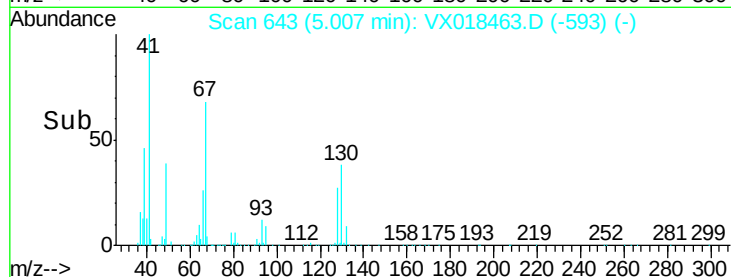
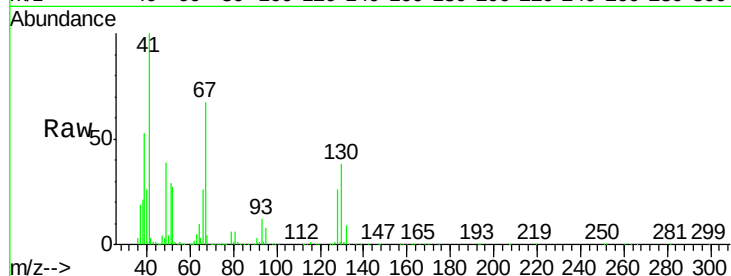
#41
Methacrylonitrile
Concen: 50.059 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091720

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.6	45.3	67.9
67	68.8	56.7	85.1
52	28.0	23.4	35.0

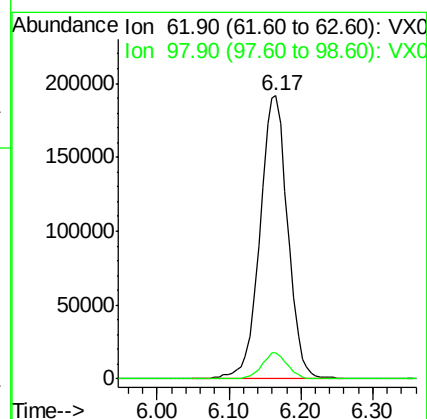
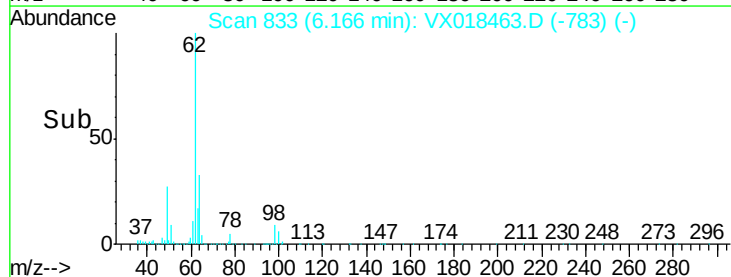
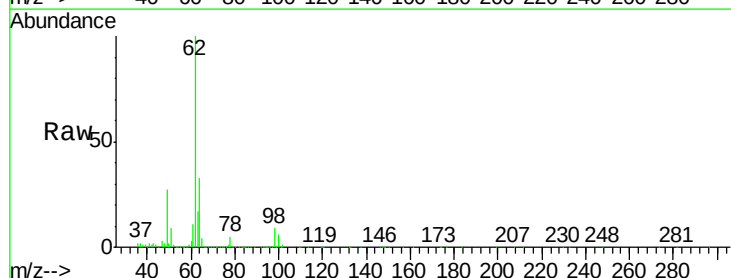
Manual Integrations
APPROVED

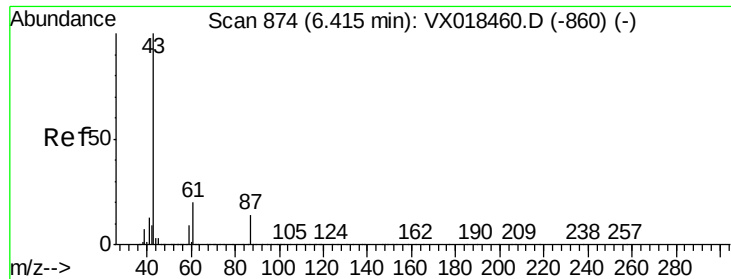
MMDadoda
9/18/2020 12:19:45 PM



#42
1,2-Dichloroethane
Concen: 48.995 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.01 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.6





#43

Isopropyl Acetate

Concen: 50.247 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

Instrument :

MSVOA_X

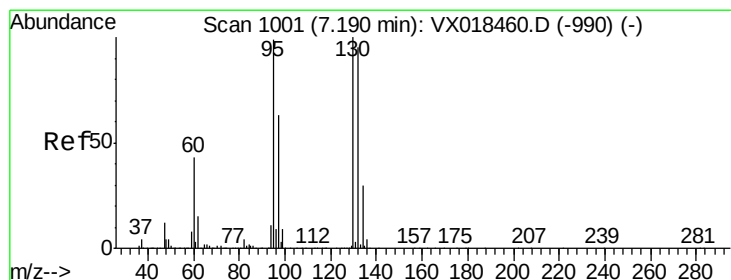
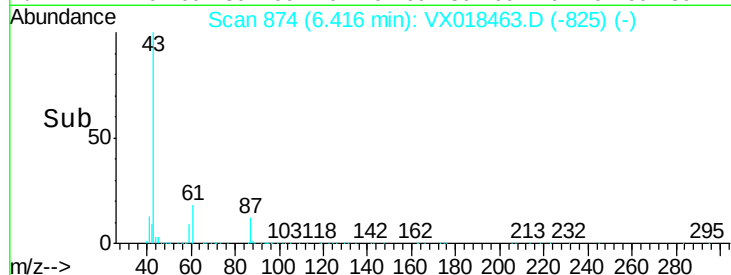
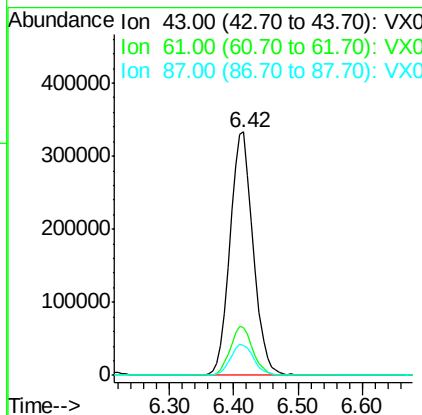
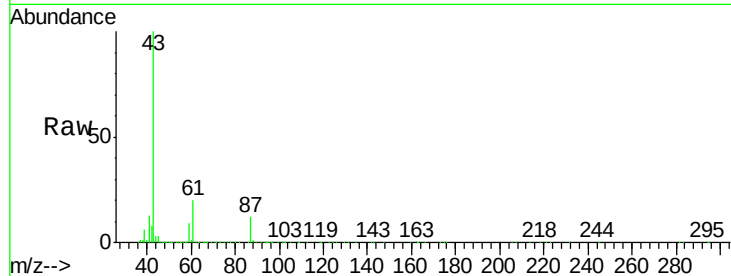
ClientSampleId :

ICVVX091720

Tot Ion:	43	Resp:	838000
Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.7	23.5
87	13.0	10.4	15.6

Manual Integrations
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#44

Trichloroethene

Concen: 49.391 ug/l

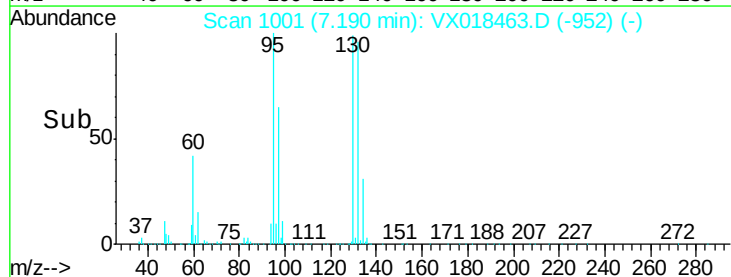
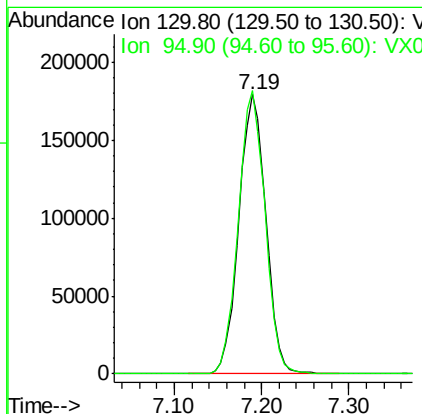
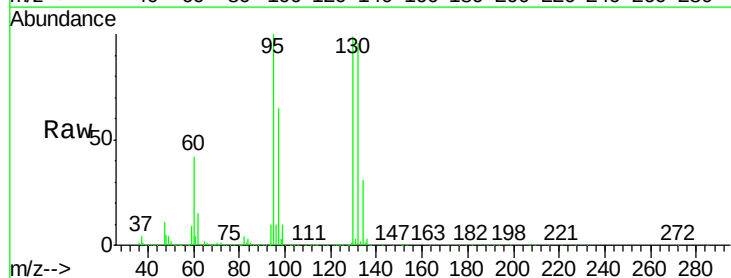
RT: 7.19 min Scan# 1001

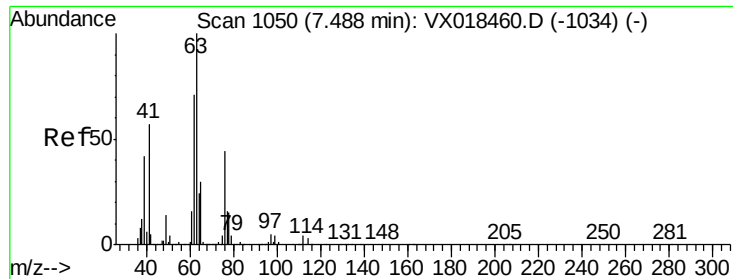
Delta R.T. 0.00 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

Tgt Ion:	130	Resp:	385650
Ion	Ratio	Lower	Upper
130	100		
95	101.4	0.0	197.4





#45

1,2-Dichloropropane

Concen: 48.903 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091720

Tot Ion: 63 Resp: 362038

Ion Ratio Lower Upper

63 100

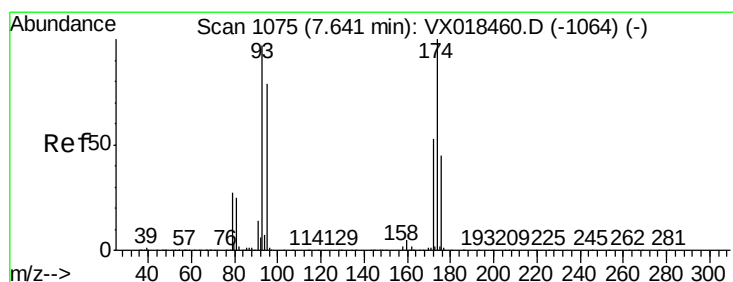
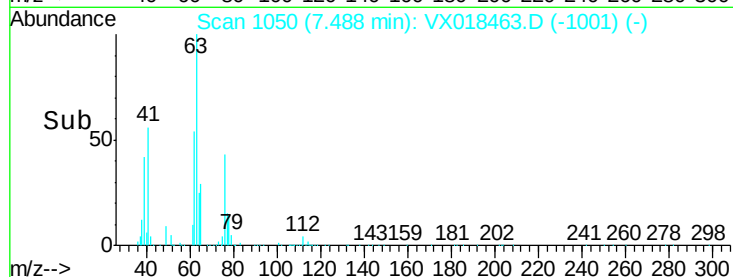
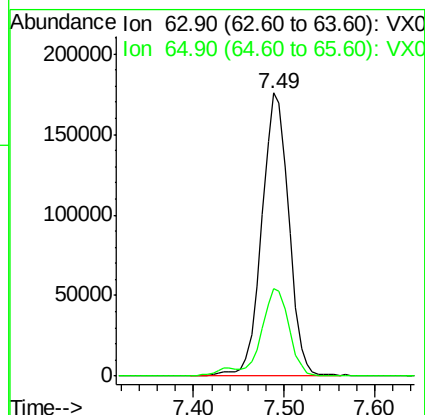
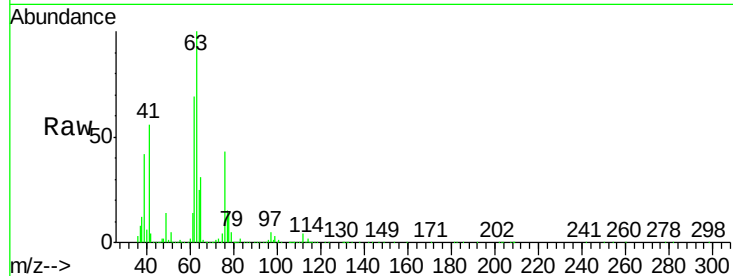
65 30.9 24.1 36.1

Manual Integrations

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#46

Dibromomethane

Concen: 48.226 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

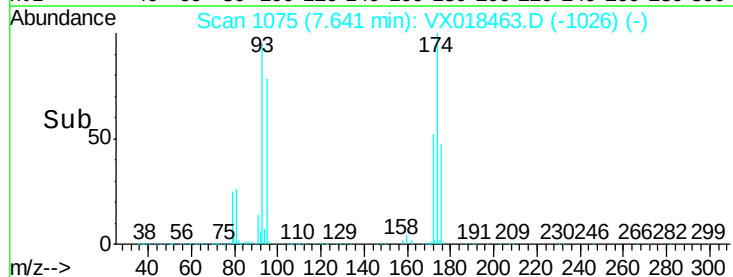
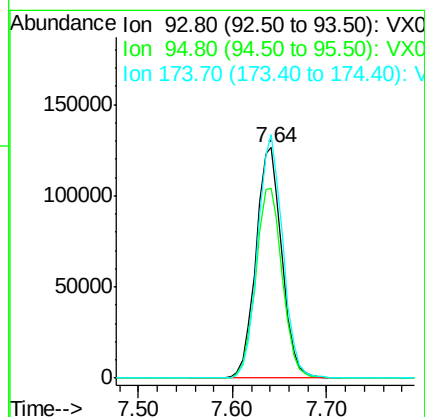
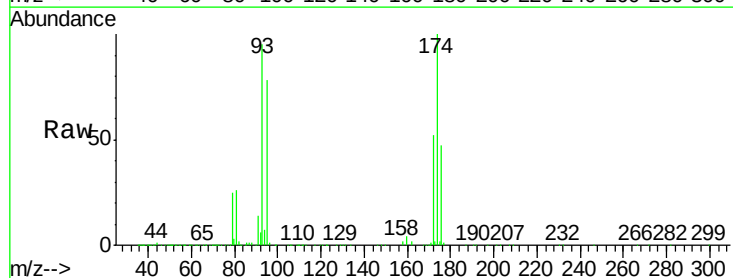
Tgt Ion: 93 Resp: 245290

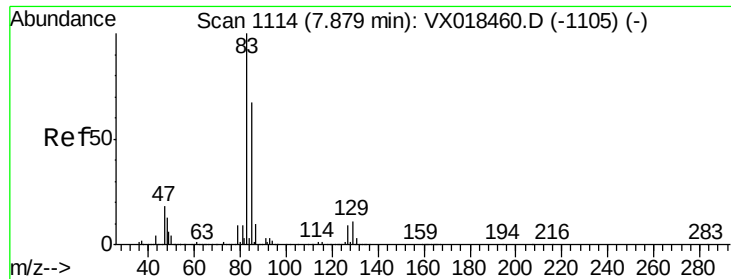
Ion Ratio Lower Upper

93 100

95 84.0 65.0 97.4

174 102.4 82.0 123.0





#47

Bromodichloromethane

Concen: 50.076 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

Instrument :

MSVOA_X

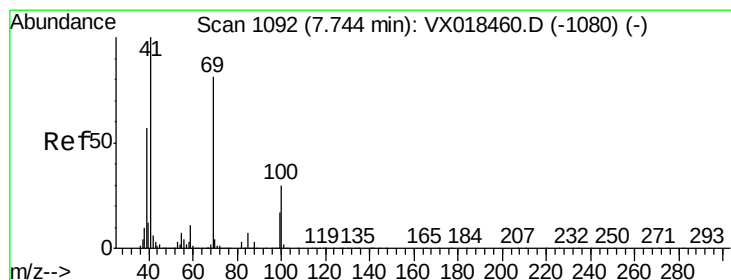
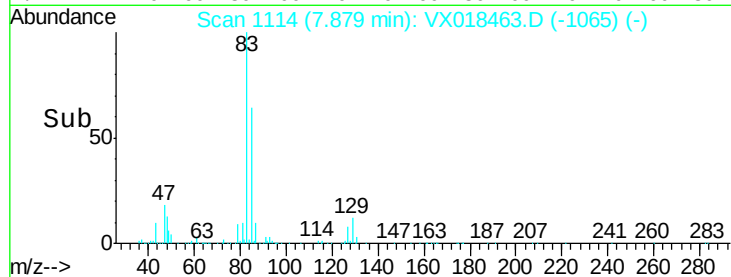
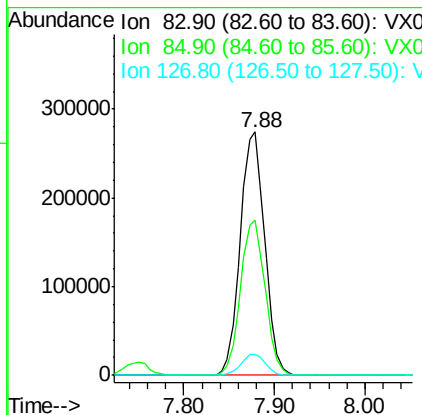
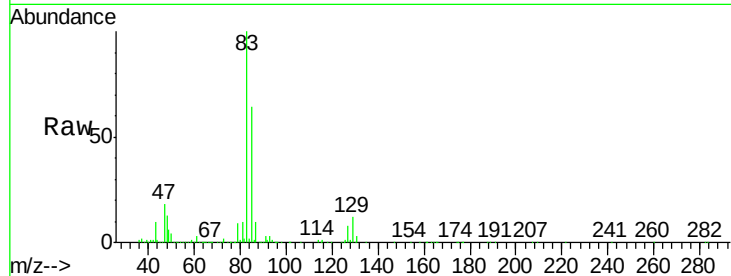
ClientSampleId :

ICVVX091720

Tot Ion:	83	Resp:	513307
Ion	Ratio	Lower	Upper
83	100		
85	63.6	53.3	79.9
127	8.4	7.4	11.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.921 ug/l

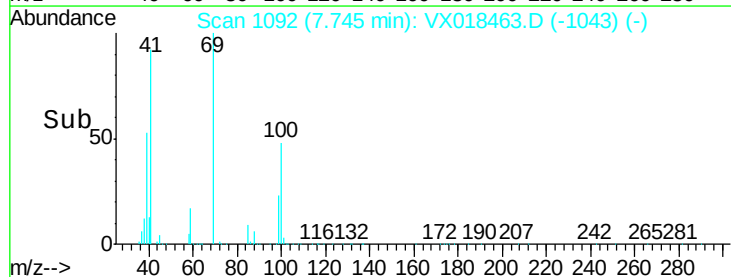
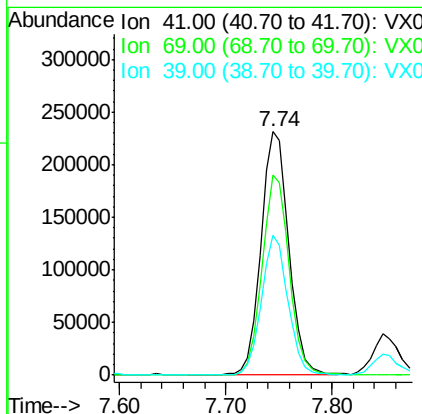
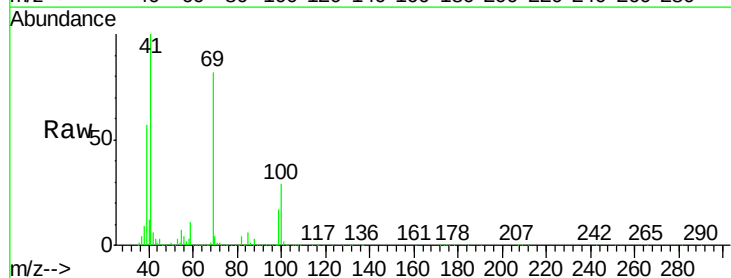
RT: 7.74 min Scan# 1092

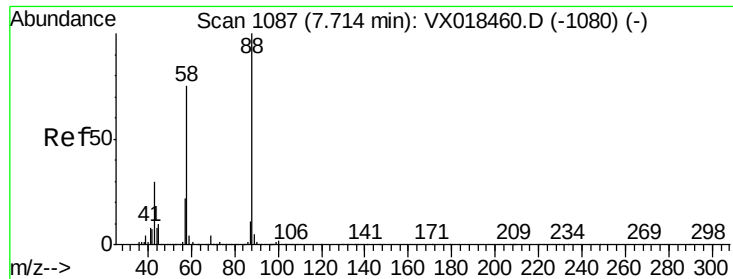
Delta R.T. 0.00 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

Tgt Ion:	41	Resp:	421479
Ion	Ratio	Lower	Upper
41	100		
69	80.2	63.7	95.5
39	54.8	45.0	67.4





#49

1,4-Dioxane

Concen: 920.924 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

Instrument :

MSVOA_X

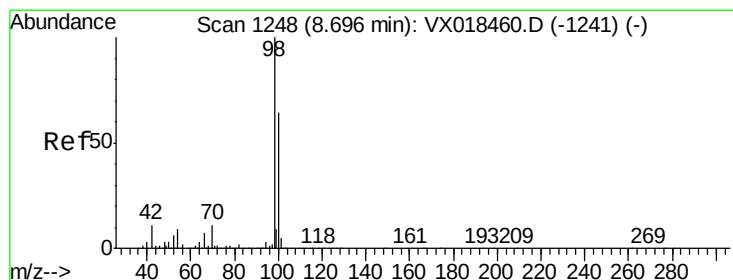
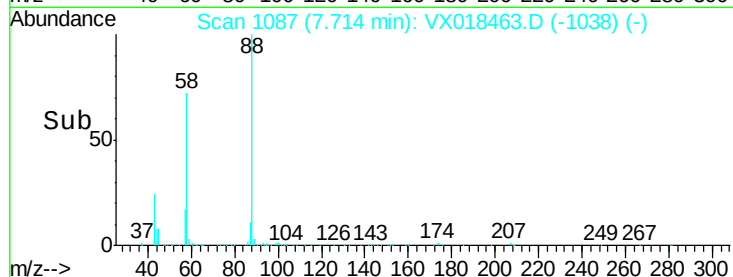
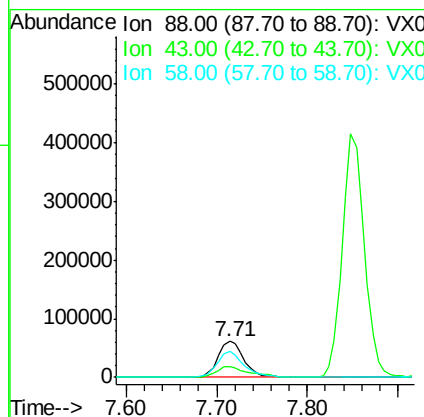
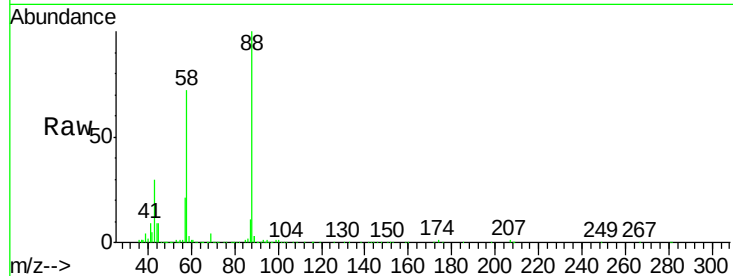
ClientSampleId :

ICVVX091720

Tot Ion:	88	Resp:	123525
Ion Ratio	Lower	Upper	
88	100		
43	36.4	29.9	44.9
58	74.1	59.0	88.6

Manual Integrations
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#50

Toluene-d8

Concen: 49.576 ug/l

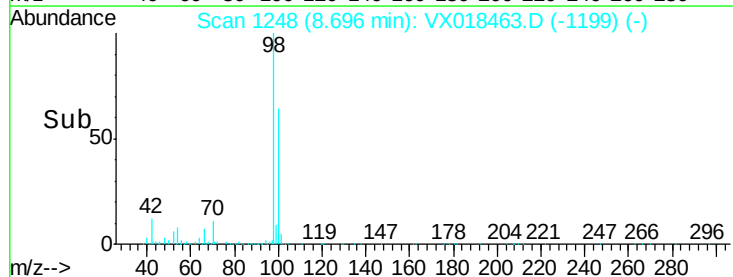
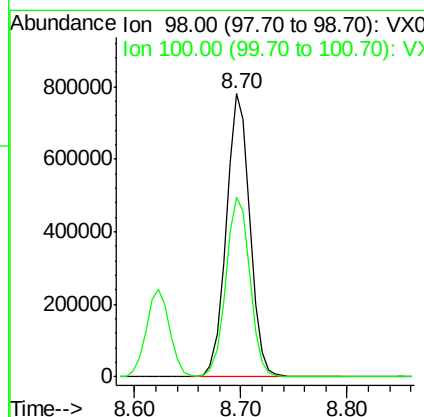
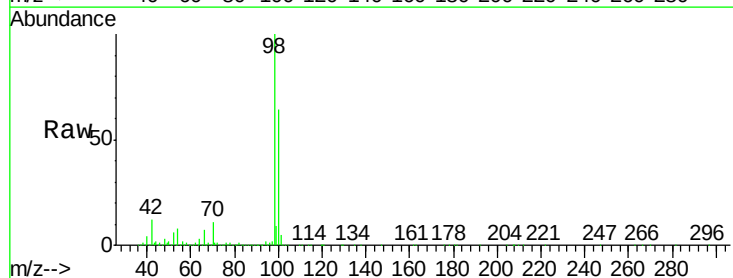
RT: 8.70 min Scan# 1248

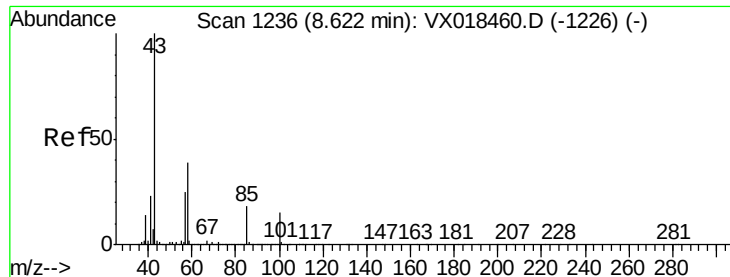
Delta R.T. 0.00 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

Tgt Ion:	98	Resp:	1207465
Ion Ratio	Lower	Upper	
98	100		
100	64.8	51.7	77.5





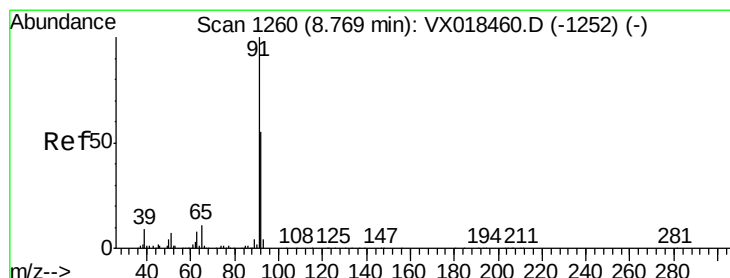
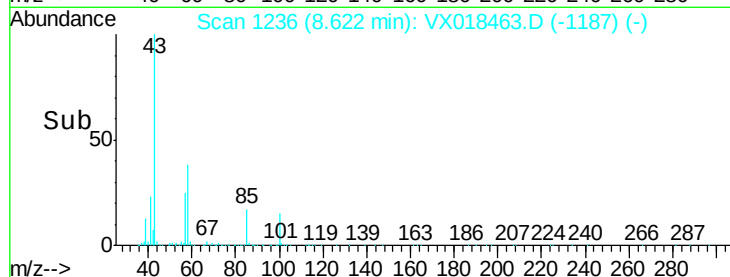
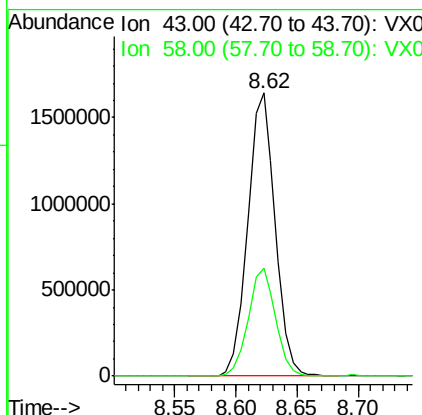
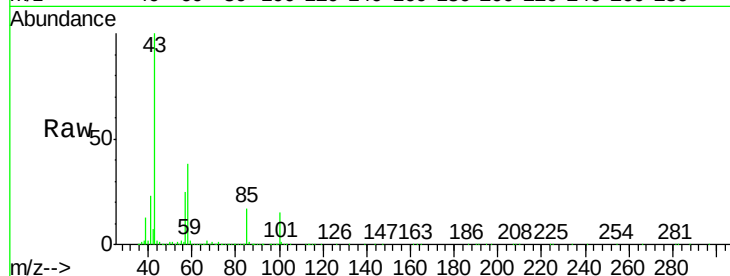
#51
4-Methyl-2-Pentanone
Concen: 257.969 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091720

Tot Ion: 43 Resp: 2561683
Ion Ratio Lower Upper
43 100
58 37.9 30.9 46.3

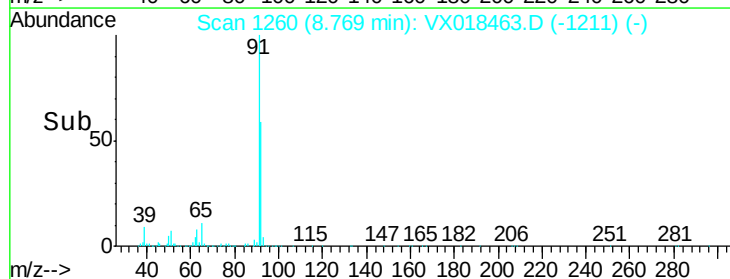
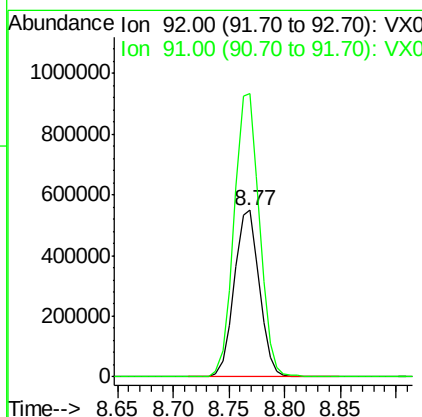
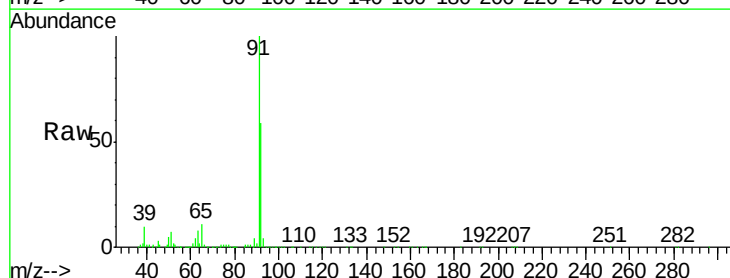
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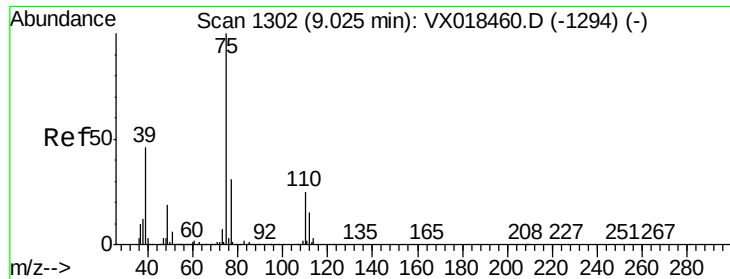
MMDadoda
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#52
Toluene
Concen: 50.471 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Tgt Ion: 92 Resp: 856651
Ion Ratio Lower Upper
92 100
91 172.1 140.6 210.8





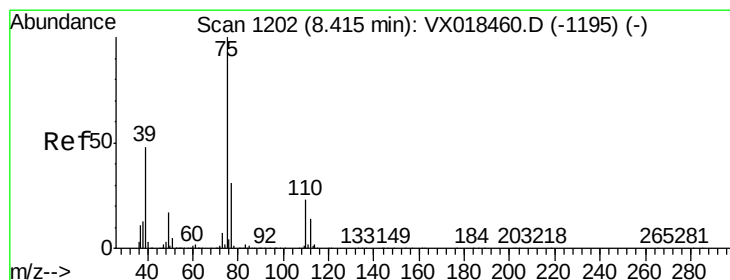
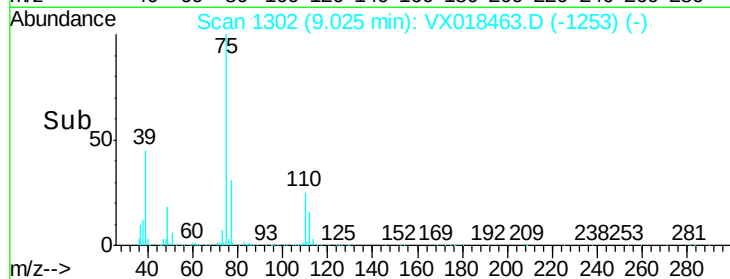
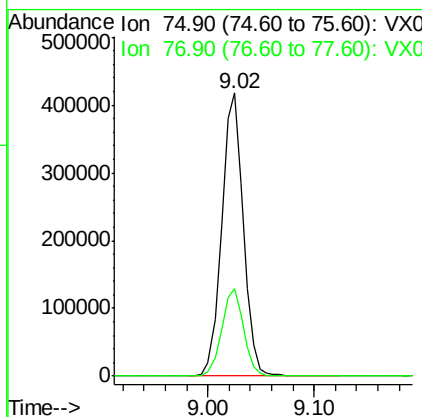
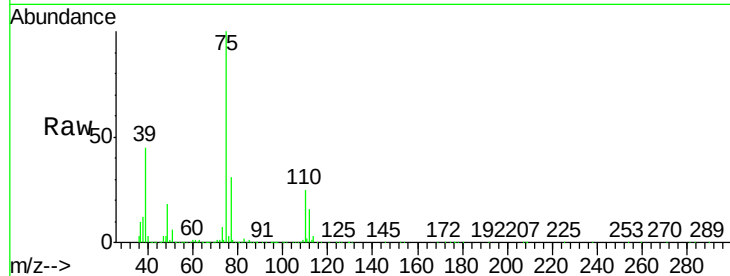
#53
t-1,3-Dichloropropene
Concen: 50.576 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091720

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.8	25.1	37.7

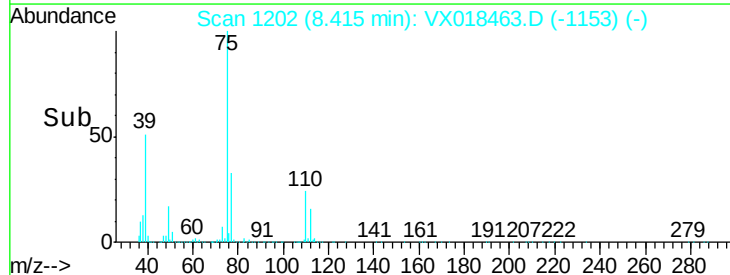
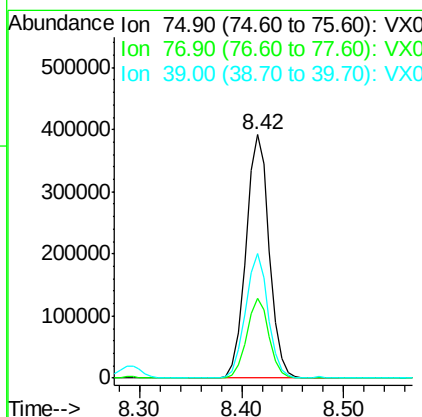
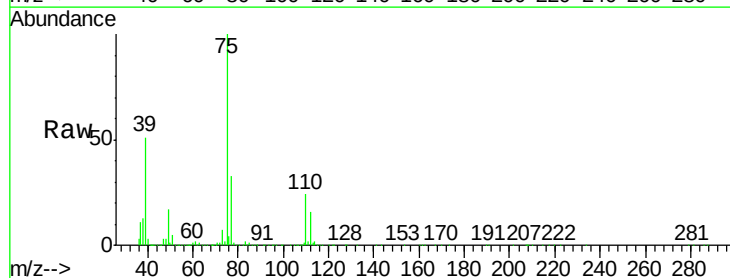
Manual Integrations
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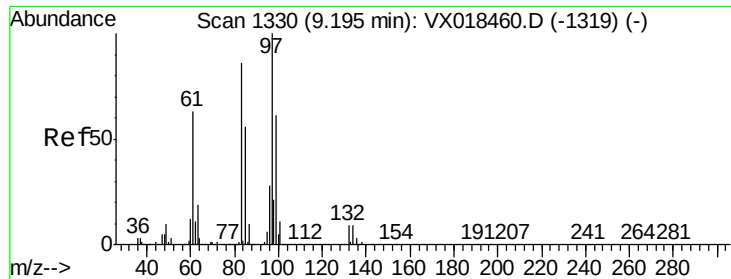
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 51.679 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.5	24.8	37.2
39	51.1	38.6	58.0





#55

1,1,2-Trichloroethane

Concen: 50.143 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

Instrument :

MSVOA_X

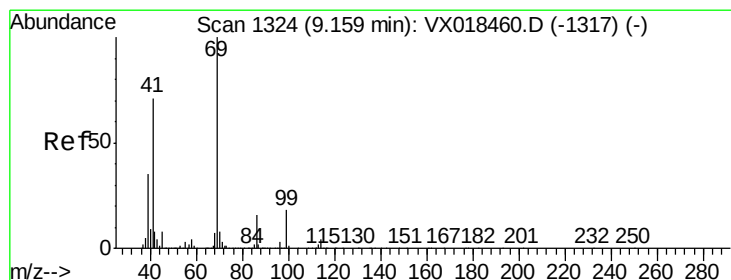
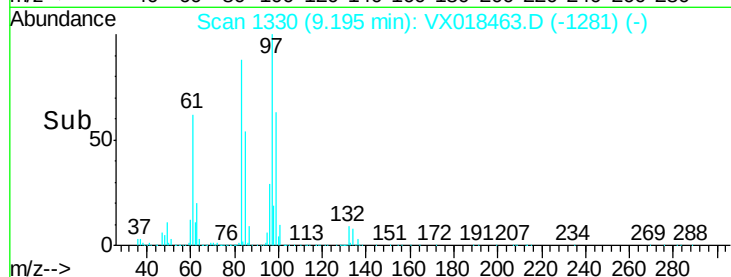
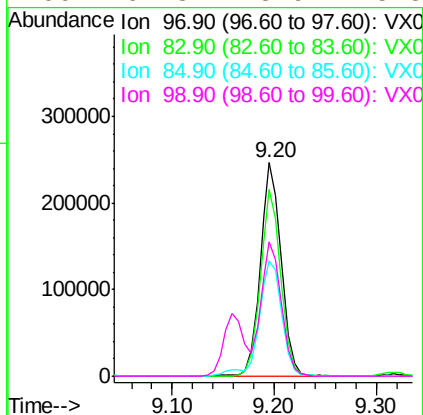
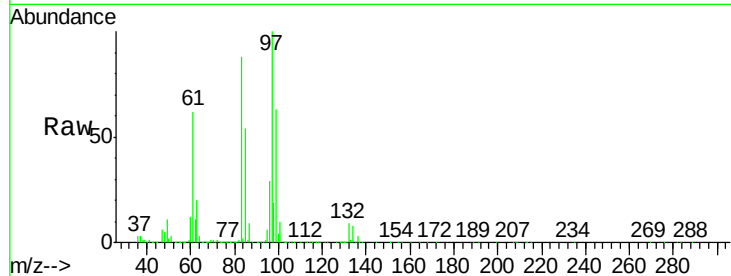
ClientSampleId :

ICVVX091720

Tot Ion:	97	Resp:	353153
Ion Ratio	Lower	Upper	
97	100		
83	87.6	68.5	102.7
85	54.2	44.8	67.2
99	62.8	48.9	73.3

Manual Integrations
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#56

Ethyl methacrylate

Concen: 51.559 ug/l

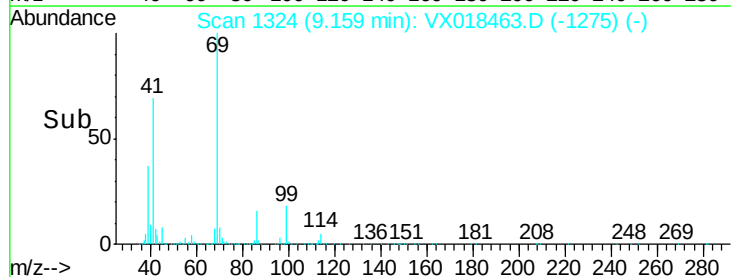
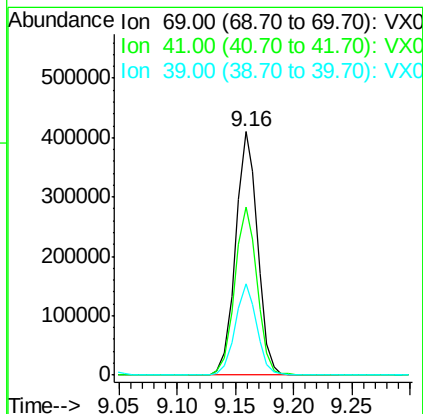
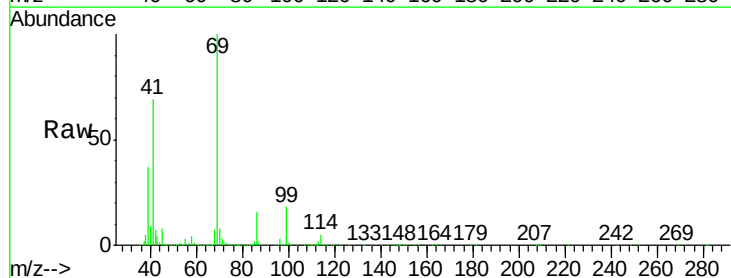
RT: 9.16 min Scan# 1324

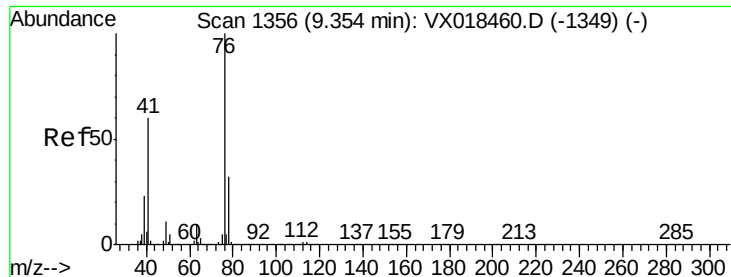
Delta R.T. 0.00 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

Tgt Ion:	69	Resp:	538436
Ion Ratio	Lower	Upper	
69	100		
41	70.8	54.6	81.8
39	36.8	29.3	43.9





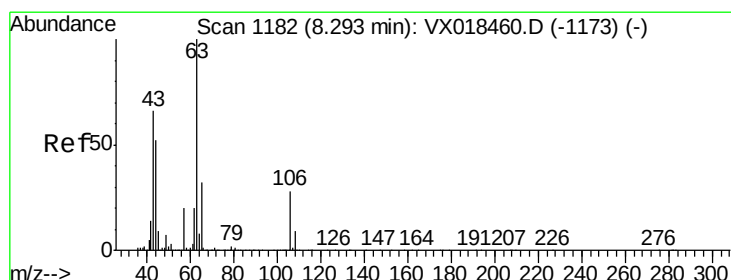
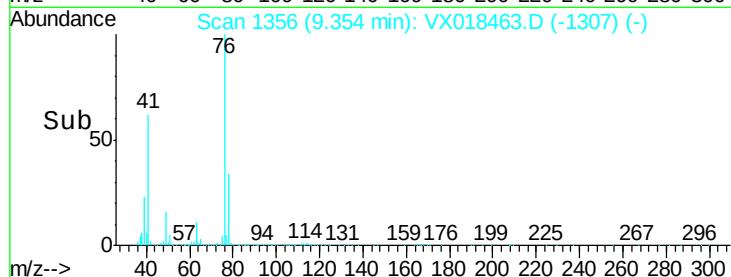
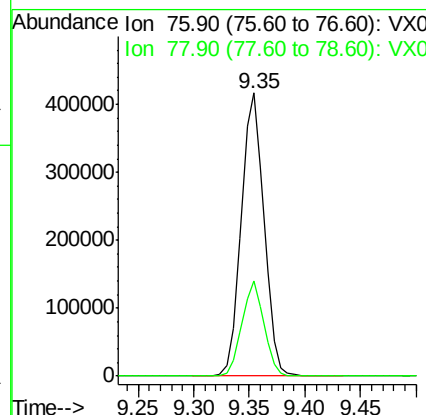
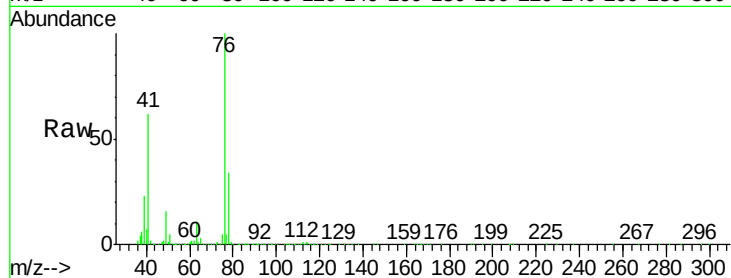
#57
 1,3-Dichloropropane
 Concen: 49.803 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX018463.D
 Acq: 17 Sep 2020 12:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091720

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.6	38.4

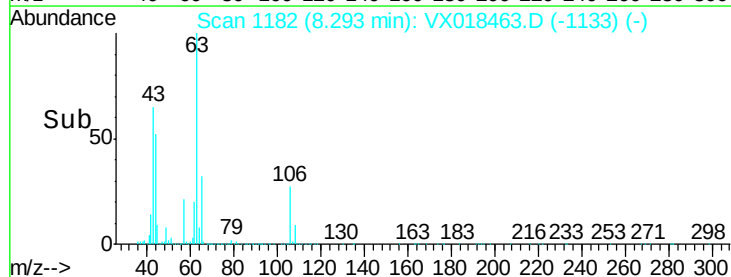
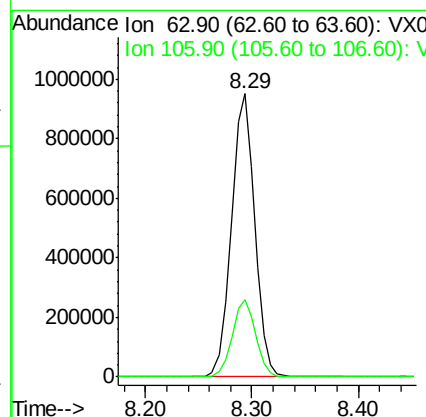
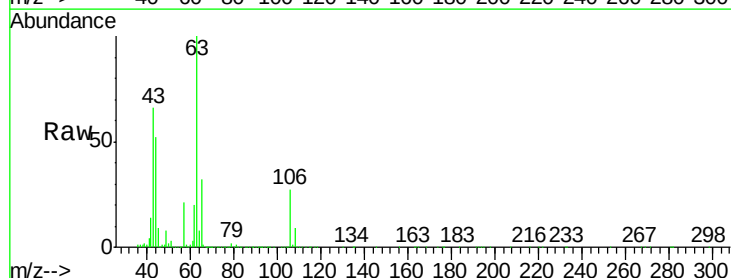
Manual Integrations
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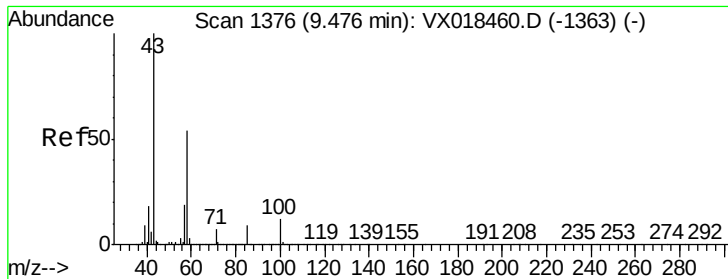
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 9/18/2020 12:19:45 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 261.505 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX018463.D
 Acq: 17 Sep 2020 12:39

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.4	22.2	33.2





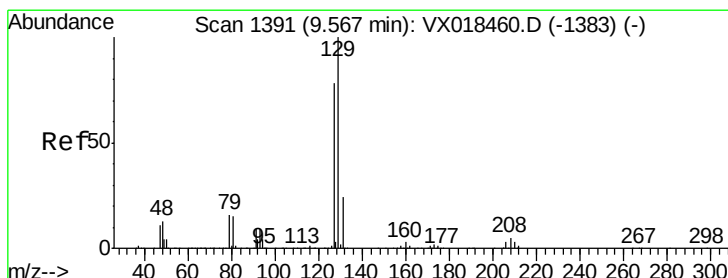
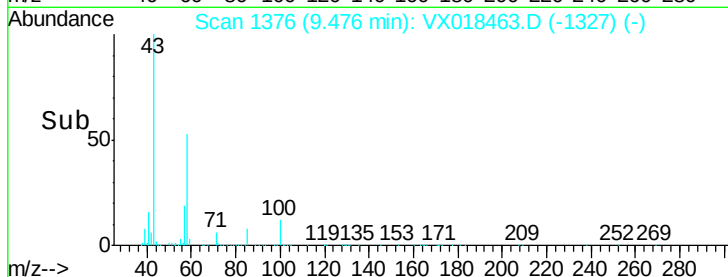
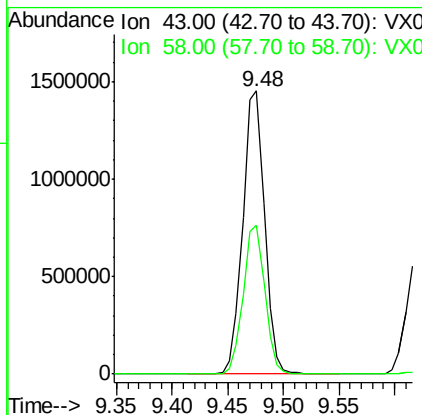
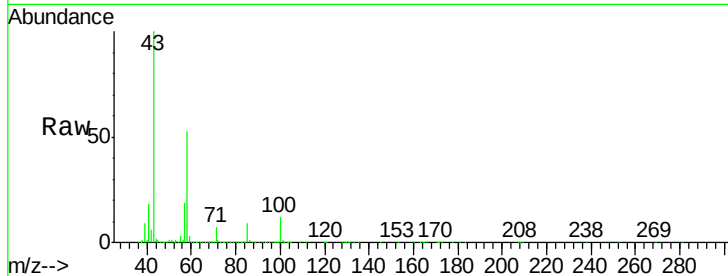
#59
2-Hexanone
Concen: 261.974 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091720

Tot Ion: 43 Resp: 1978691
Ion Ratio Lower Upper
43 100
58 52.4 26.5 79.4

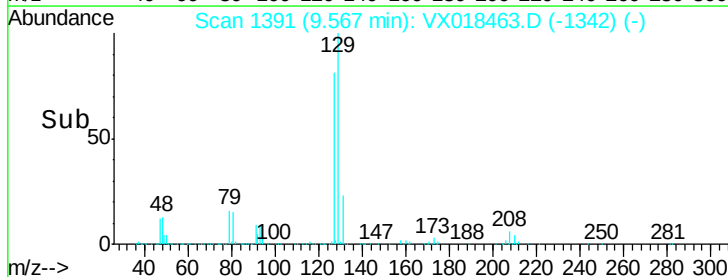
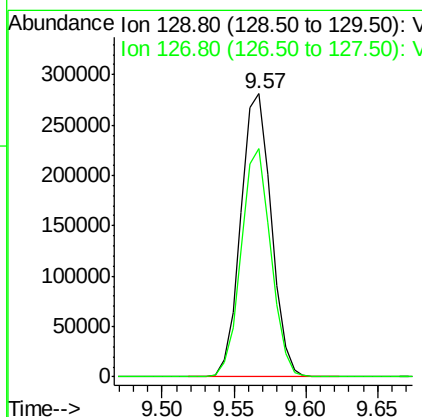
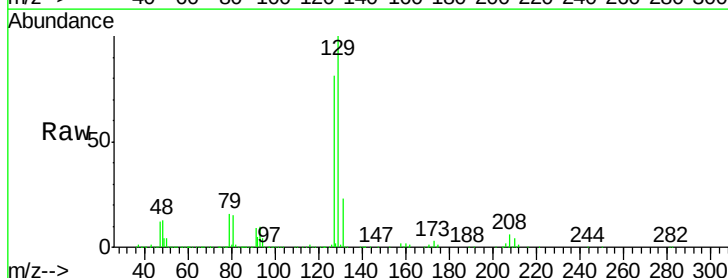
Manual Integrations
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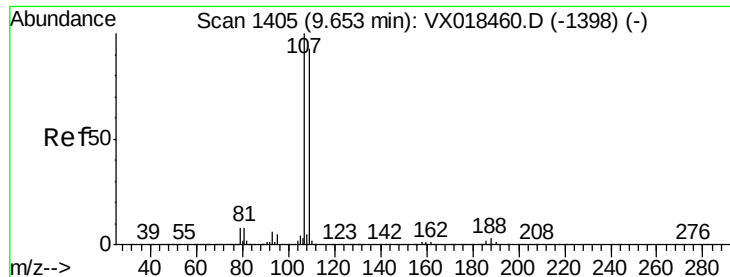
MMDadoda
9/18/2020 12:19:45 PM



#60
Dibromochloromethane
Concen: 49.032 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Tgt Ion: 129 Resp: 411773
Ion Ratio Lower Upper
129 100
127 79.0 39.0 117.0





#61

1,2-Dibromoethane

Concen: 51.658 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091720

Tot Ion:107 Resp: 387101

Ion Ratio Lower Upper

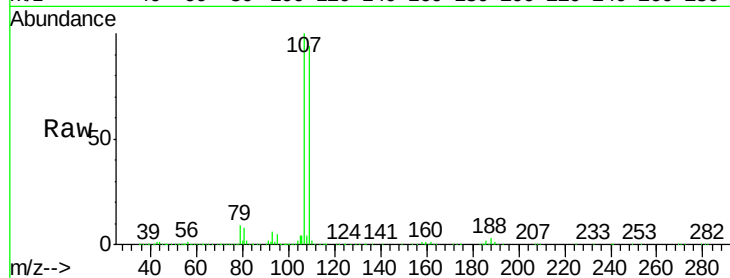
107 100

109 94.1 75.9 113.9

Manual Integrations
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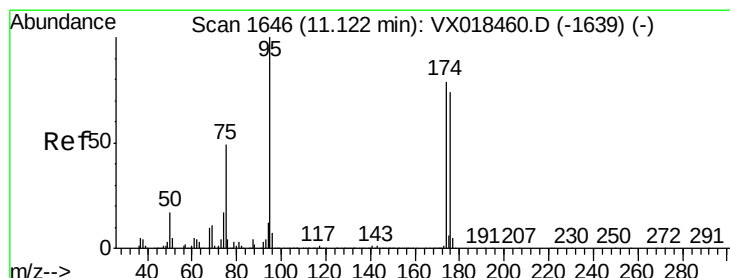
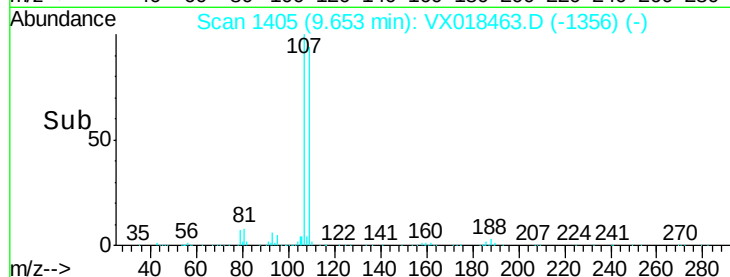
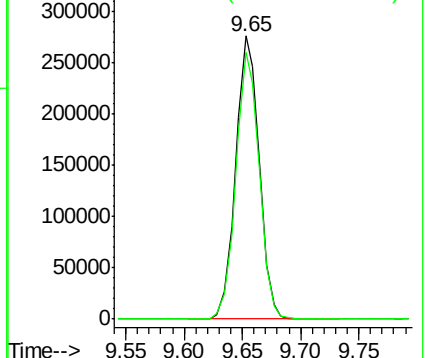
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.290 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

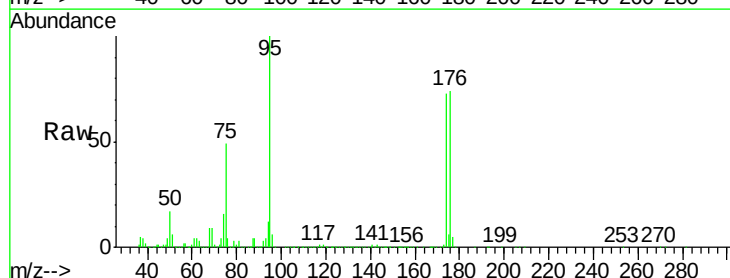
Tgt Ion: 95 Resp: 487224

Ion Ratio Lower Upper

95 100

174 76.2 0.0 161.4

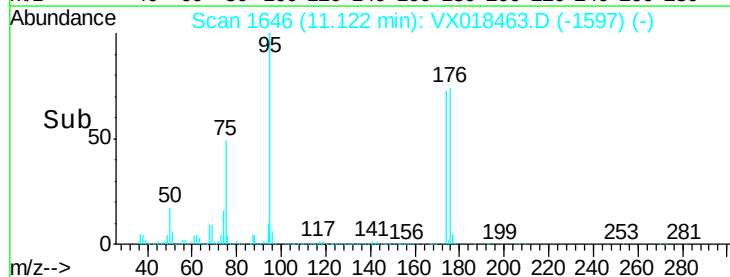
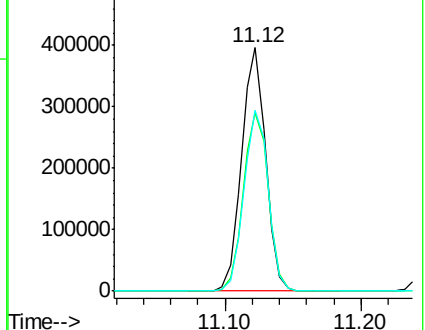
176 75.6 0.0 151.4

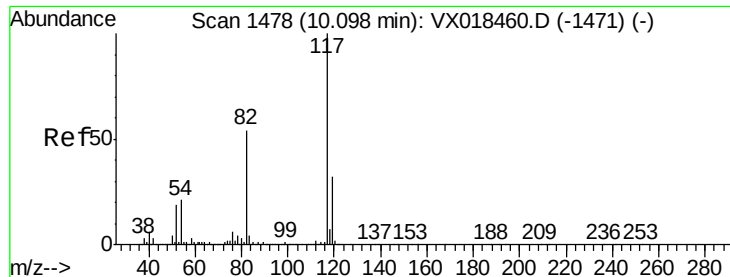


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





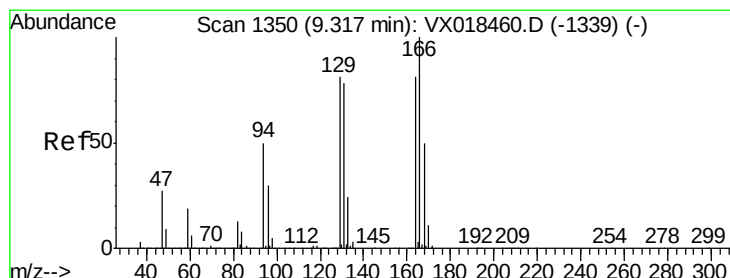
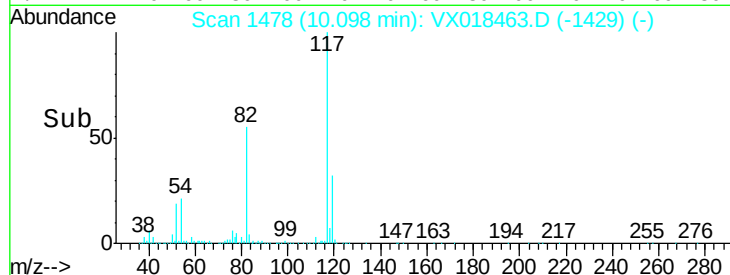
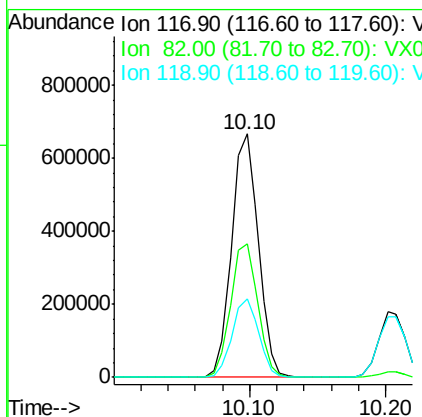
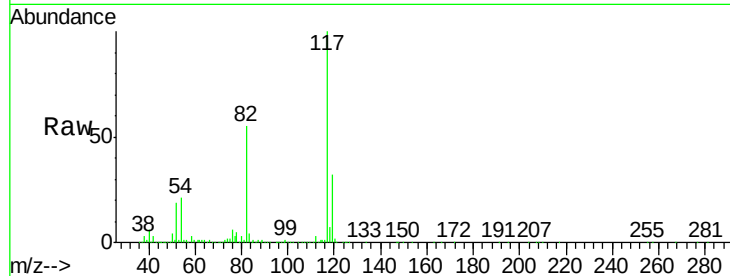
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091720

Tot Ion	Ratio	Resp	Lower	Upper
117	100	912443		
82	54.9	43.3	64.9	
119	32.3	25.9	38.9	

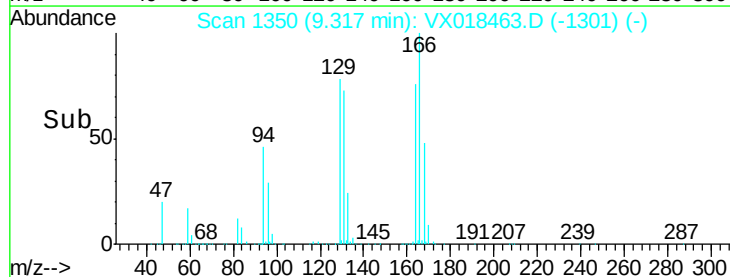
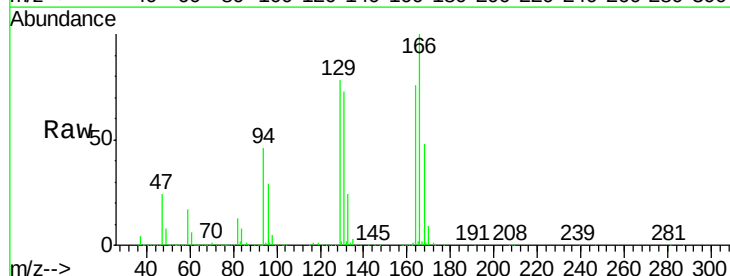
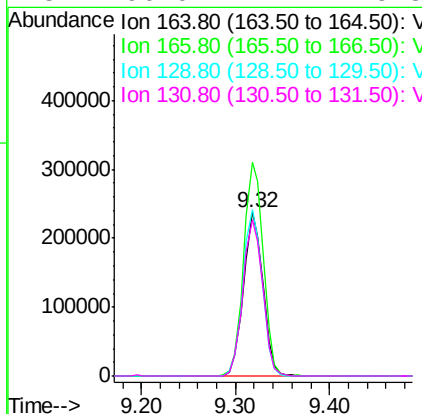
Manual Integrations
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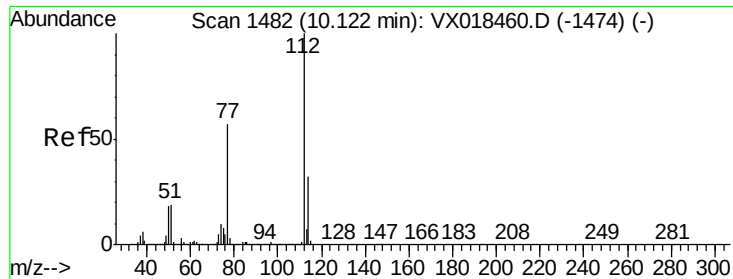
MMDadoda
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#64
Tetrachloroethene
Concen: 47.413 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	340592		
166	130.8	99.3	148.9	
129	101.9	80.7	121.1	
131	96.0	77.2	115.8	





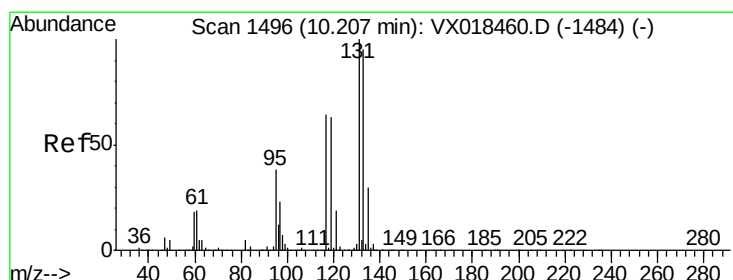
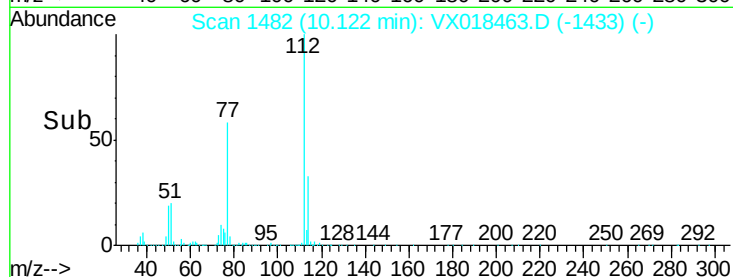
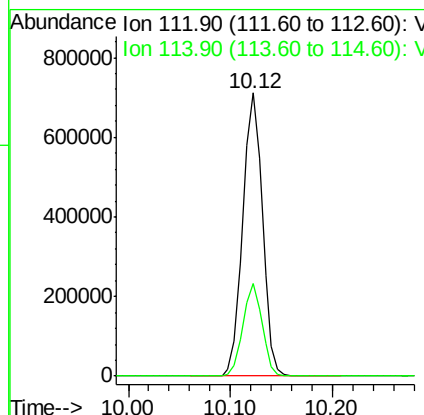
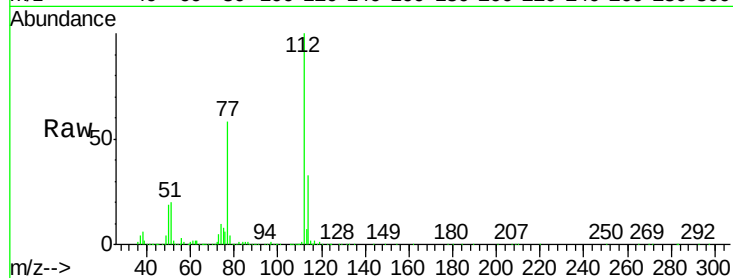
#65
Chlorobenzene
Concen: 50.478 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091720

Tot Ion	Ratio	Resp	Lower	Upper
112	100	948398		
114	32.9	25.4	38.0	

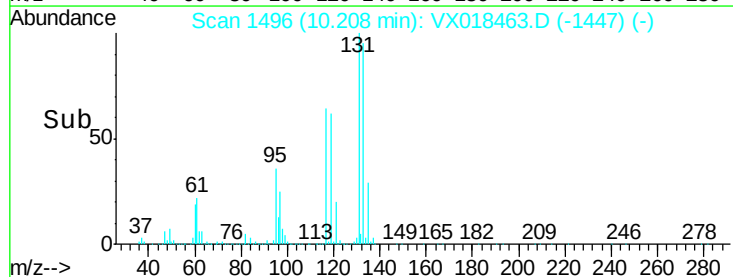
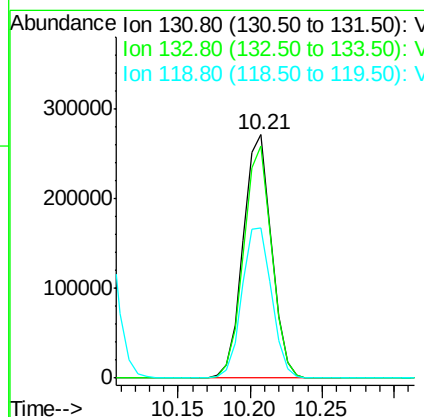
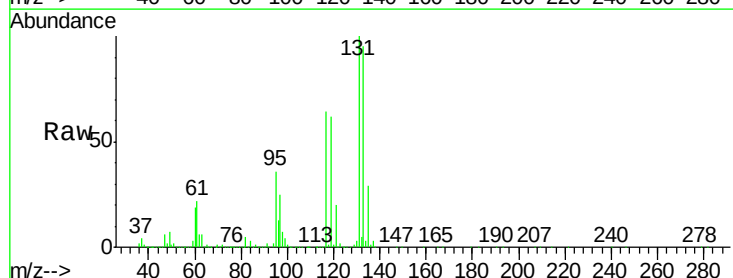
Manual Integrations
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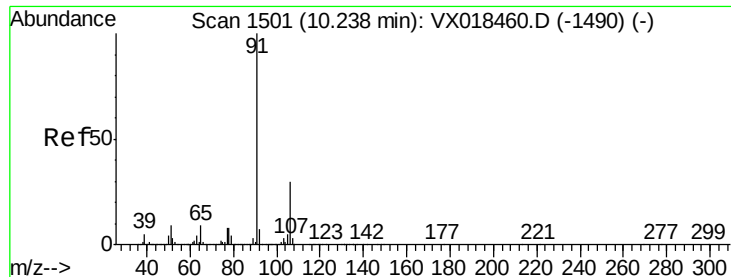
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.228 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	371034		
133	94.3	47.8	143.4	
119	64.0	31.9	95.7	





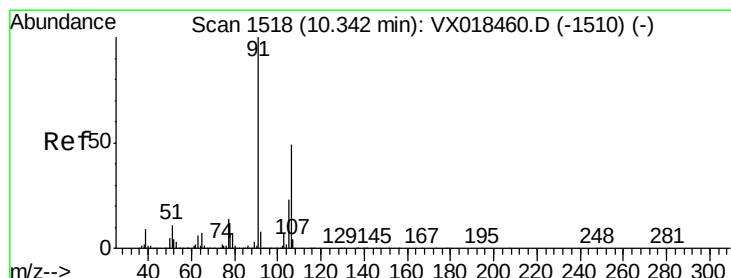
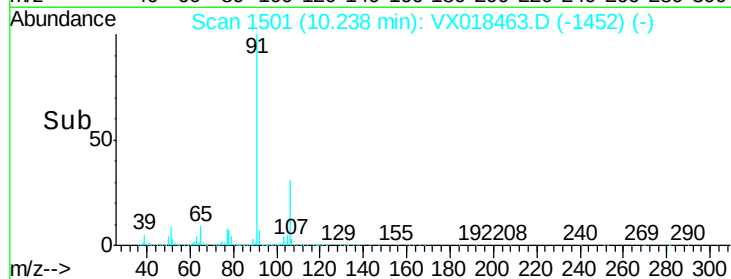
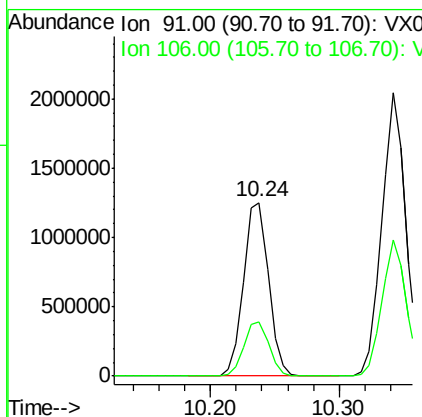
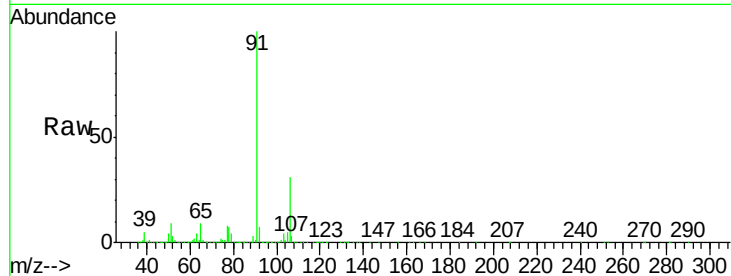
#67
Ethyl Benzene
Concen: 51.642 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
ICVX091720

Tot Ion: 91 Resp: 1679454
Ion Ratio Lower Upper
91 100
106 31.4 24.1 36.1

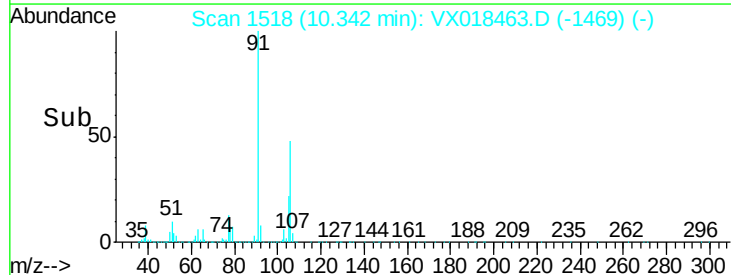
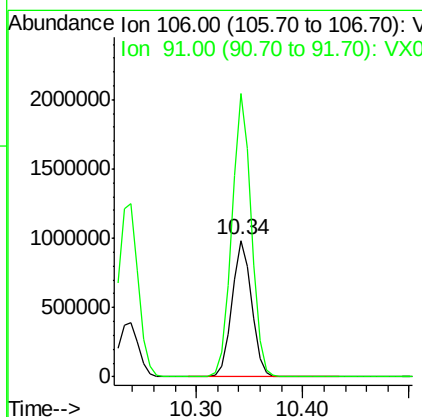
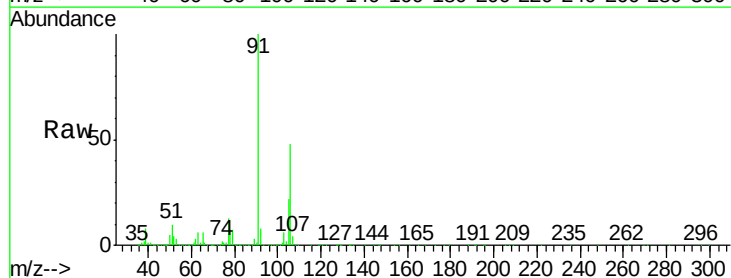
Manual Integrations
APPROVED

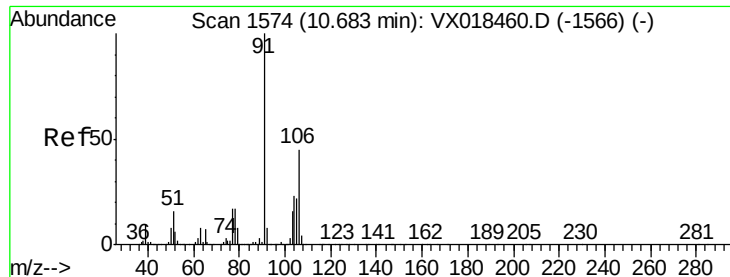
MMDadoda
9/18/2020 12:19:45 PM



#68
m/p-Xylenes
Concen: 103.473 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Tgt Ion: 106 Resp: 1272924
Ion Ratio Lower Upper
106 100
91 205.9 163.8 245.6





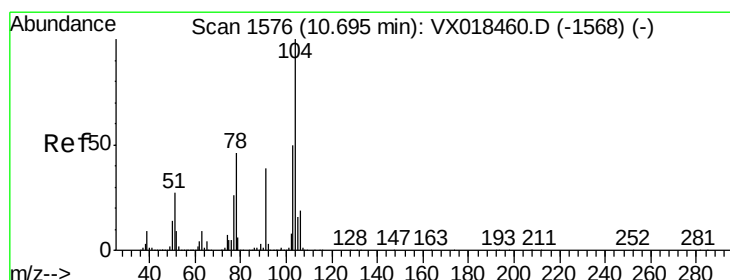
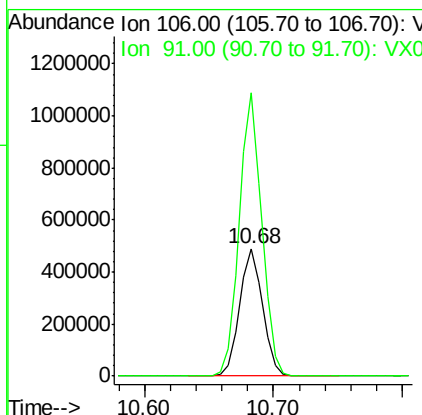
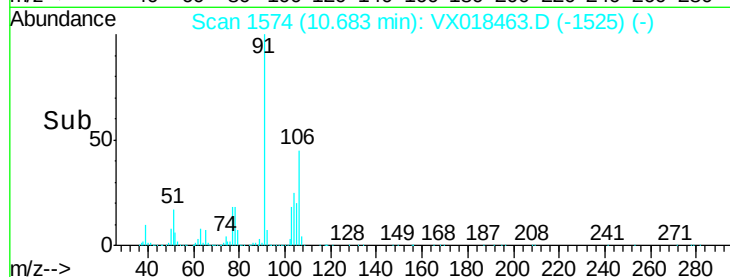
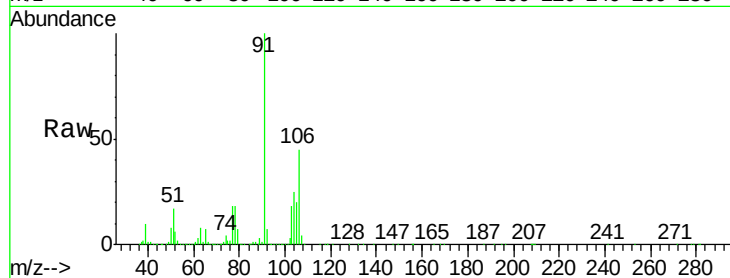
#69
o-Xylene
Concen: 51.932 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Instrument :
MSVOA_X
ClientSampled :
ICVVX091720

Tot Ion:106 Resp: 604972
Ion Ratio Lower Upper
106 100
91 218.1 109.7 329.0

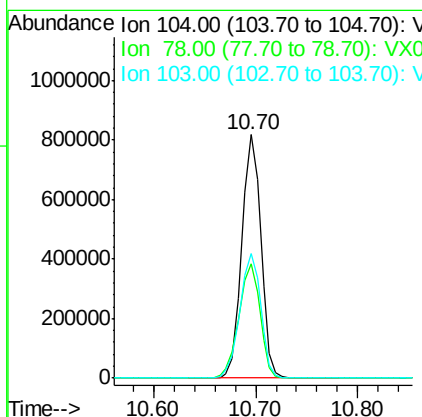
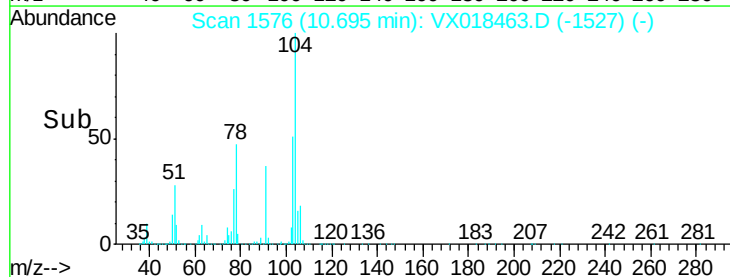
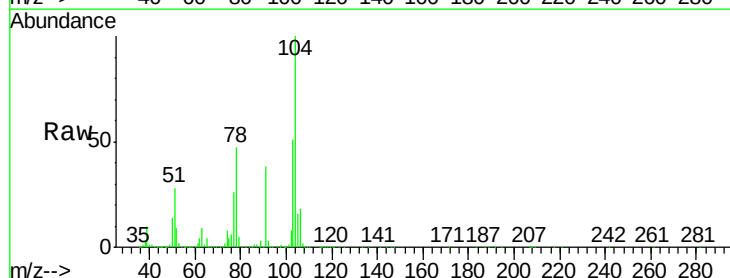
Manual Integrations
APPROVED

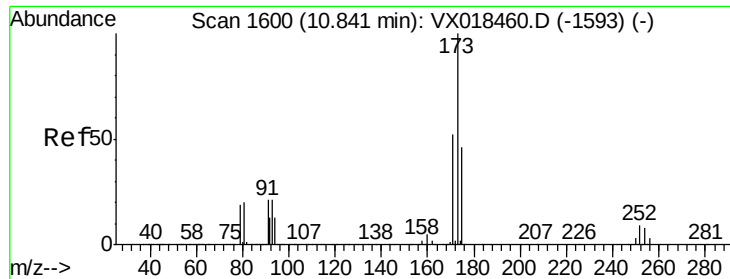
MMDadoda
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#70
Styrene
Concen: 52.554 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Tgt Ion:104 Resp: 1057082
Ion Ratio Lower Upper
104 100
78 51.9 40.5 60.7
103 56.0 43.2 64.8





#71

Bromoform

Concen: 50.843 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

Instrument :

MSVOA_X

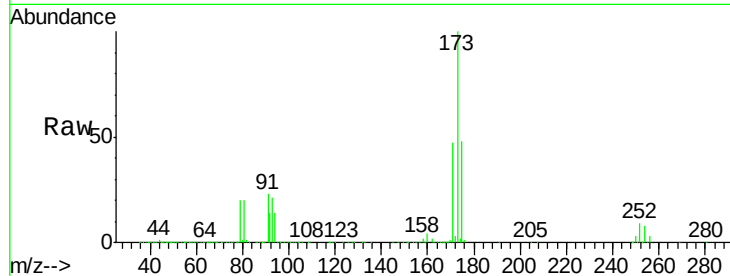
ClientSampleId :

ICVVX091720

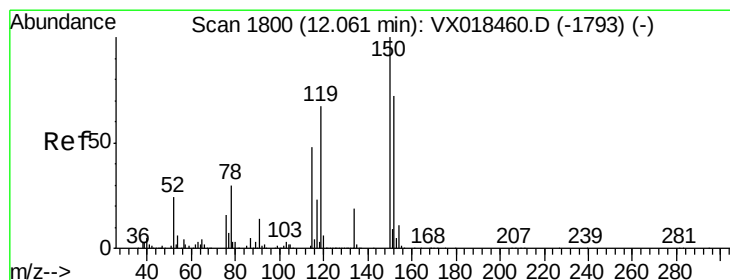
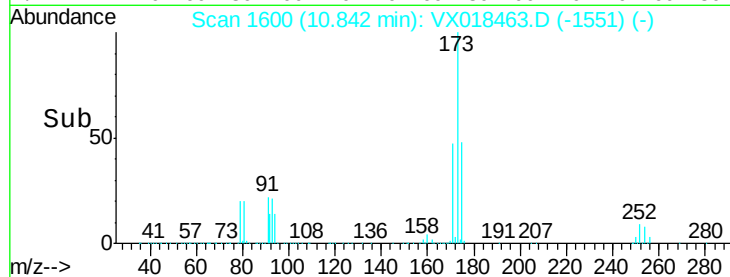
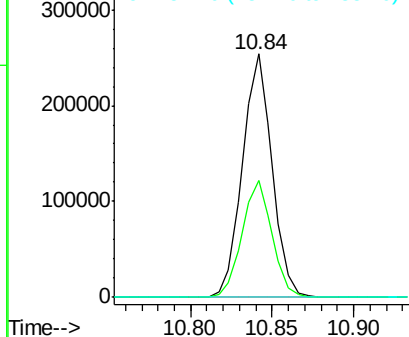
Tot Ion:	173	Resp:	321754
Ion Ratio	Lower	Upper	
173	100		
175	48.5	23.6	70.8
254	0.1	0.1	0.1

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

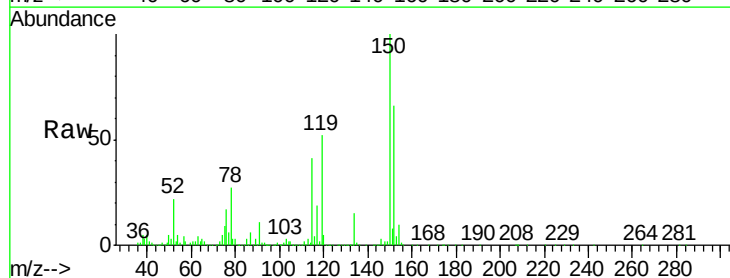
RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

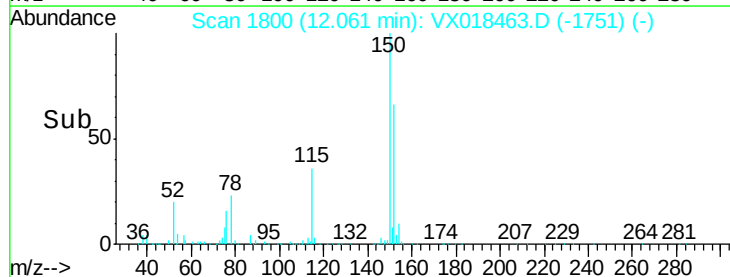
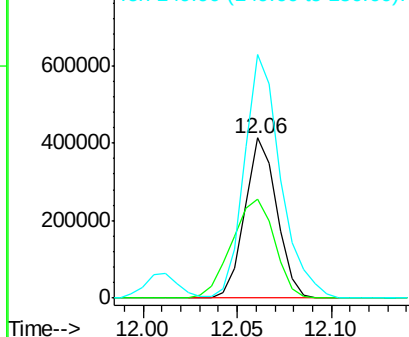
Lab File: VX018463.D

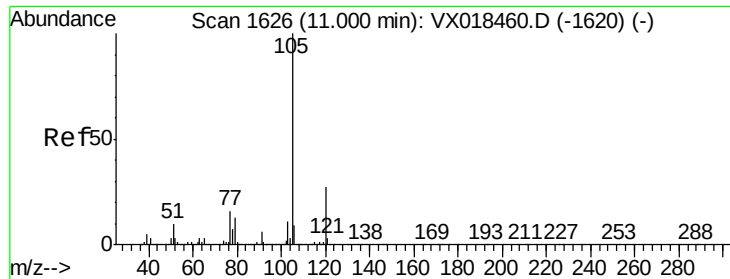
Acq: 17 Sep 2020 12:39

Tgt Ion:	152	Resp:	487379
Ion Ratio	Lower	Upper	
152	100		
115	82.3	41.8	125.4
150	172.4	0.0	342.4



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





#73

Isopropylbenzene

Concen: 51.363 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091720

Tot Ion:105 Resp: 1672327

Ion Ratio Lower Upper

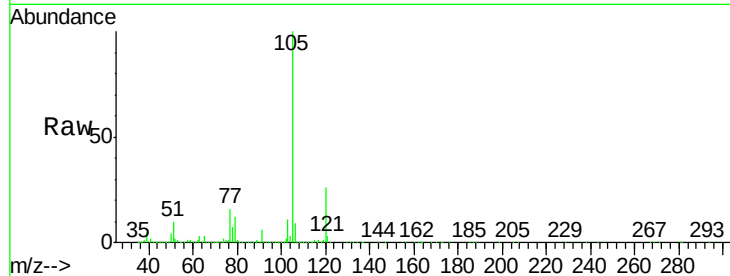
105 100

120 26.6 13.4 40.2

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

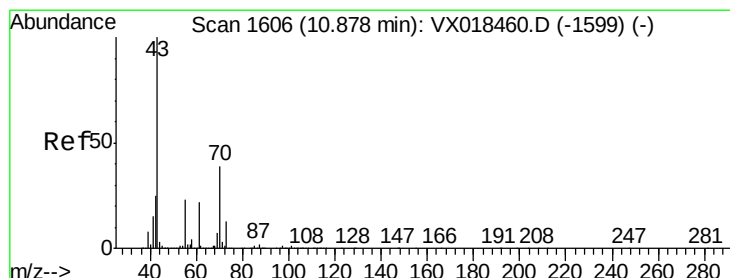
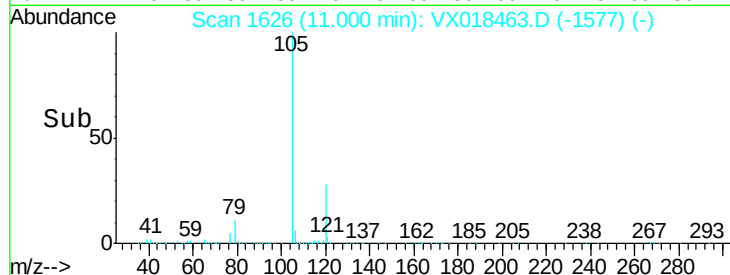
1500000

1100000

500000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 52.176 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

Tgt Ion: 43 Resp: 764807

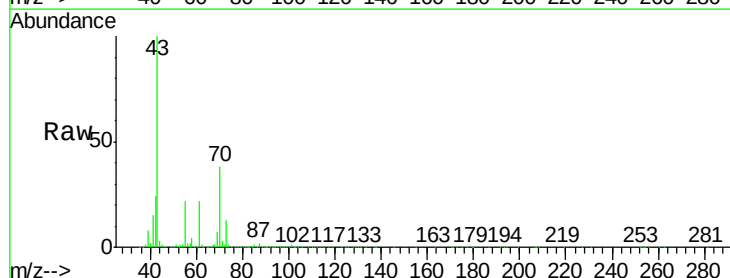
Ion Ratio Lower Upper

43 100

70 39.5 32.2 48.4

55 22.9 18.8 28.2

61 23.4 19.0 28.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

1000000

800000

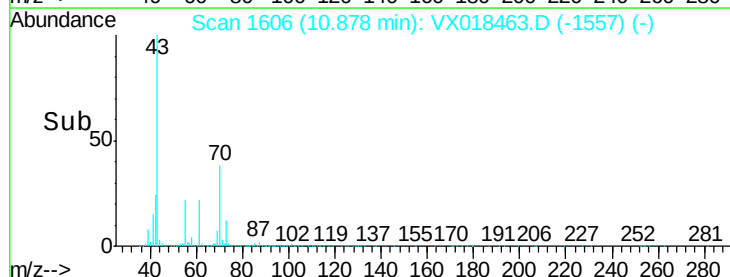
600000

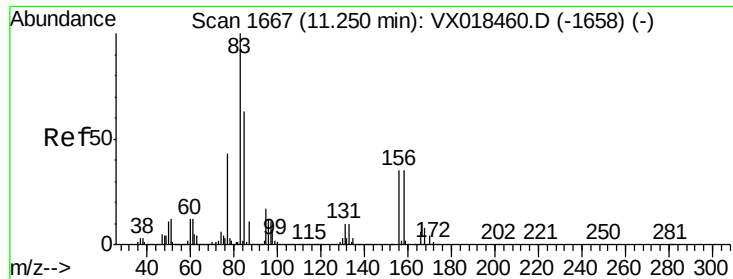
400000

200000

0

Time--> 10.80 10.90





#75

1,1,2,2-Tetrachloroethane

Concen: 49.078 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

Instrument :

MSVOA_X

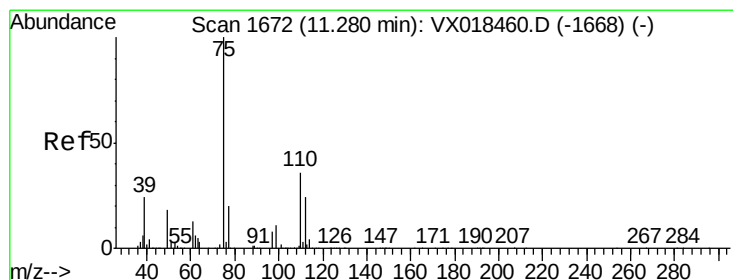
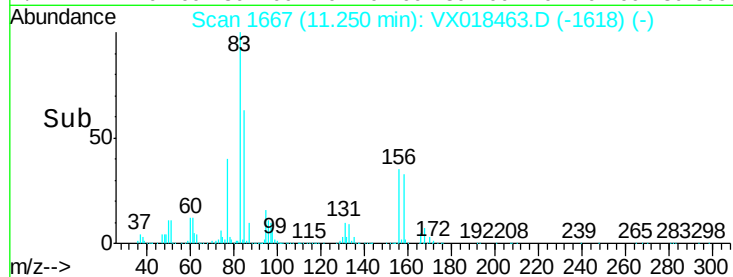
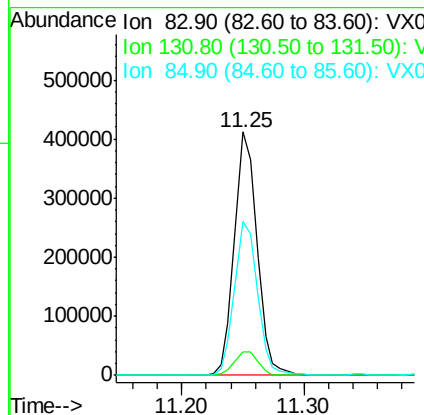
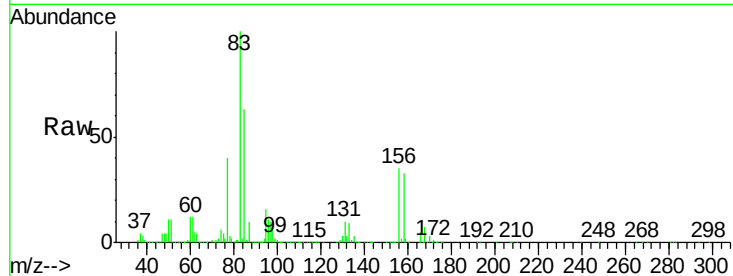
ClientSampled :

ICVVX091720

Tot Ion:	83	Resp:	528903
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.4
85	64.5	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 49.624 ug/l m

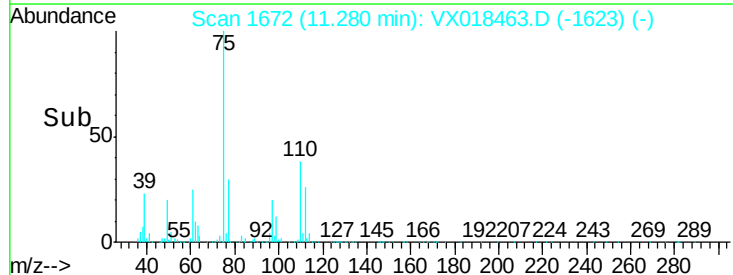
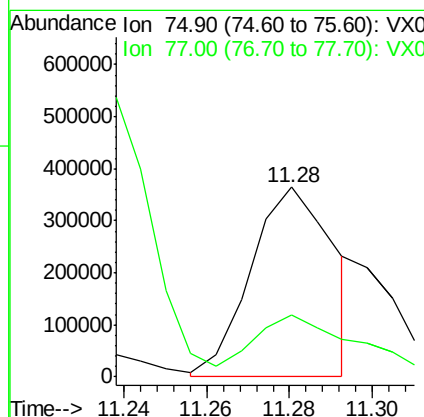
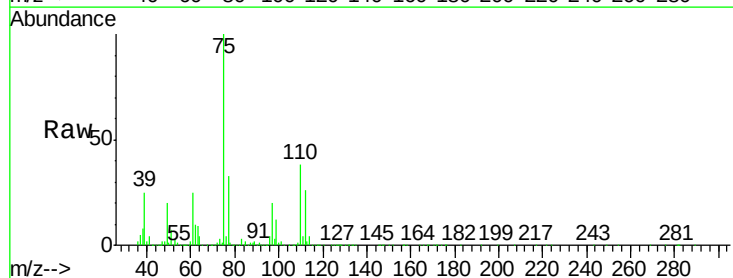
RT: 11.28 min Scan# 1672

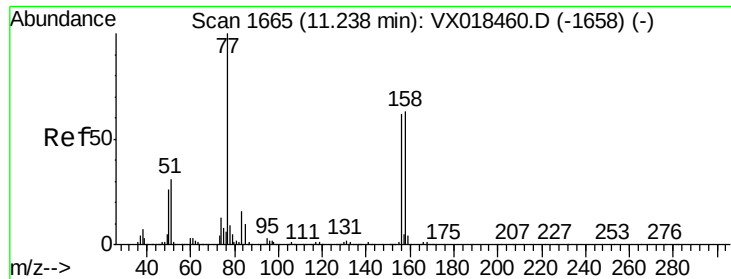
Delta R.T. 0.00 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

Tgt Ion:	75	Resp:	508242
Ion Ratio	Lower	Upper	
75	100		
77	40.7	20.9	62.7





#77

Bromobenzene

Concen: 47.887 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

Instrument :

MSVOA_X

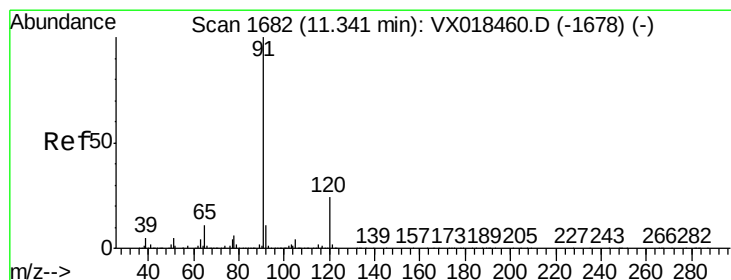
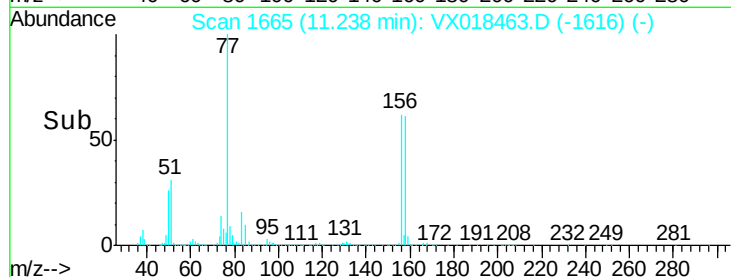
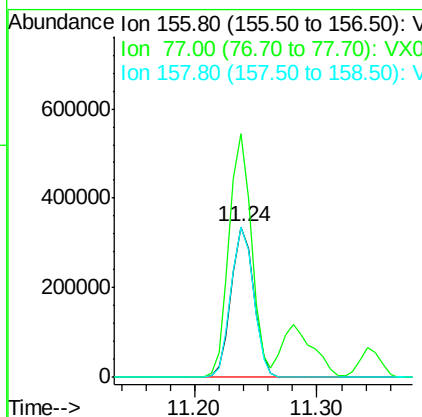
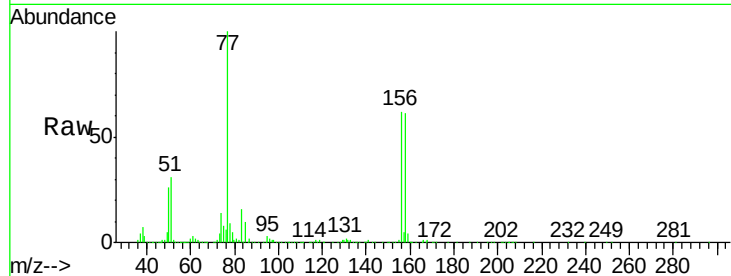
ClientSampleId :

ICVVX091720

Tot Ion:	156	Resp:	430196
Ion Ratio	Lower	Upper	
156	100		
77	161.1	78.8	236.5
158	99.7	48.4	145.3

Manual Integrations
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#78

n-propylbenzene

Concen: 50.797 ug/l

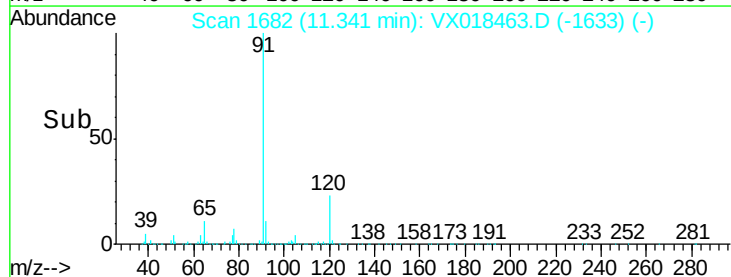
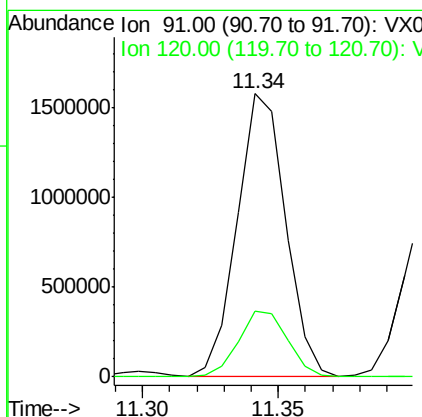
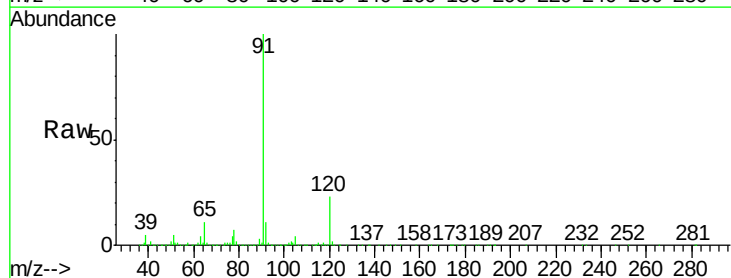
RT: 11.34 min Scan# 1682

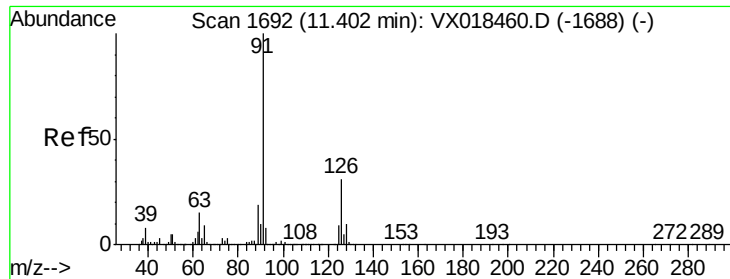
Delta R.T. 0.00 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

Tgt Ion:	91	Resp:	1935928
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.8	35.3





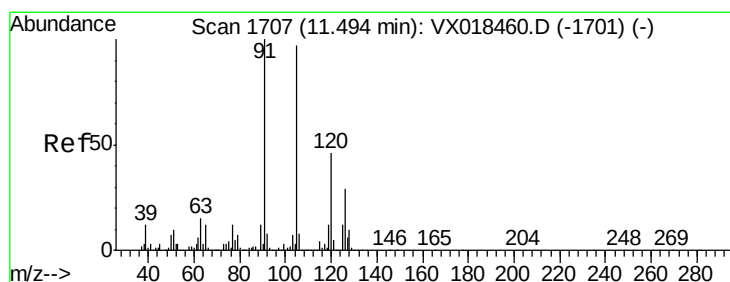
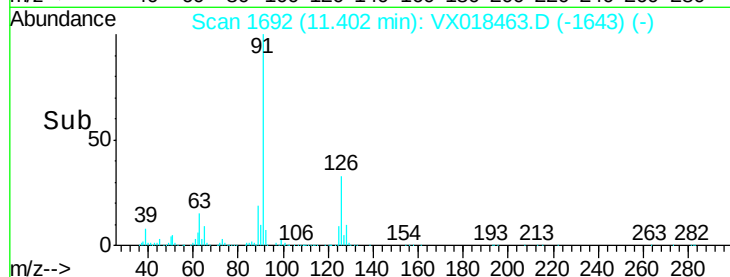
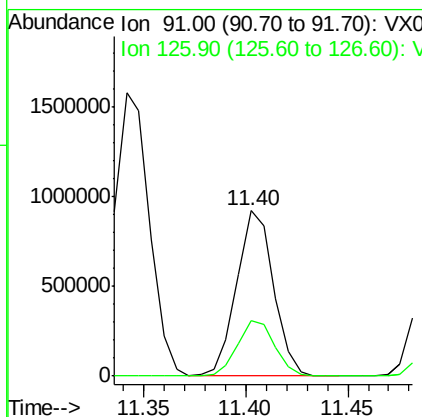
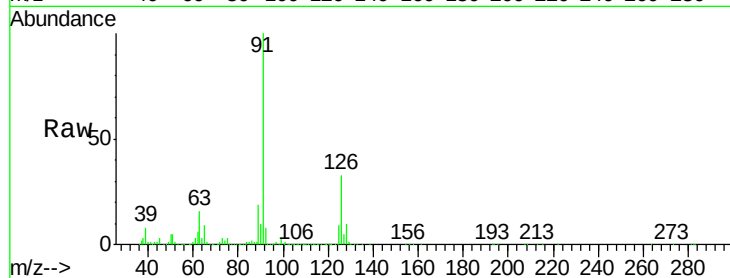
#79
2-Chlorotoluene
Concen: 49.891 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091720

Tot Ion: 91 Resp: 1150926
Ion Ratio Lower Upper
91 100
126 34.1 16.6 49.7

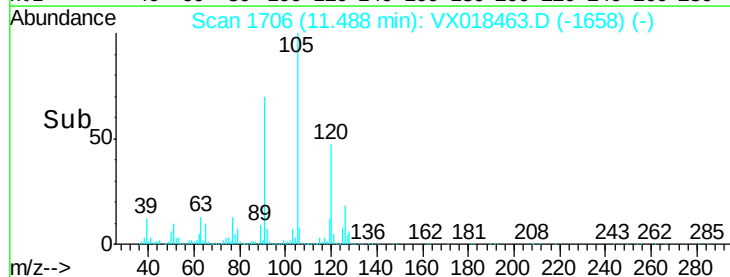
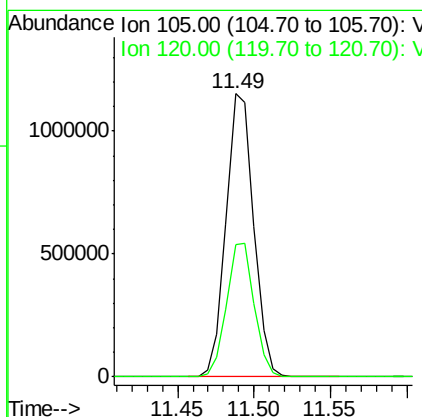
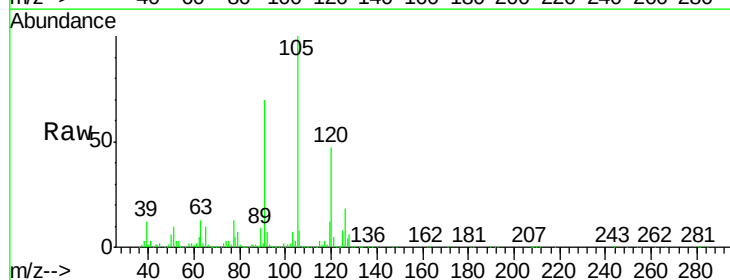
Manual Integrations
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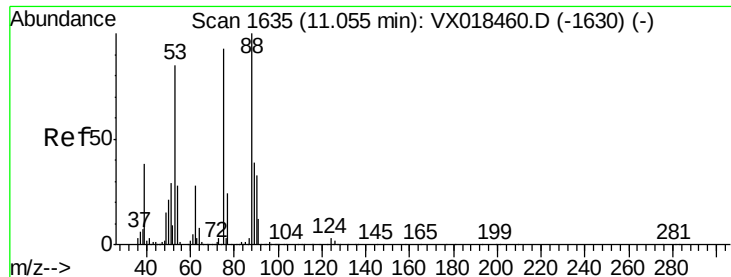
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#80
1,3,5-Trimethylbenzene
Concen: 51.724 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Tgt Ion: 105 Resp: 1440237
Ion Ratio Lower Upper
105 100
120 47.4 23.6 71.0





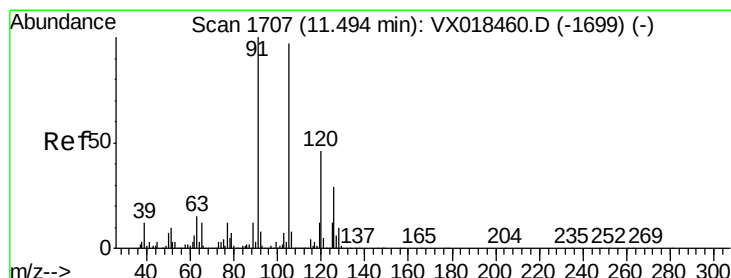
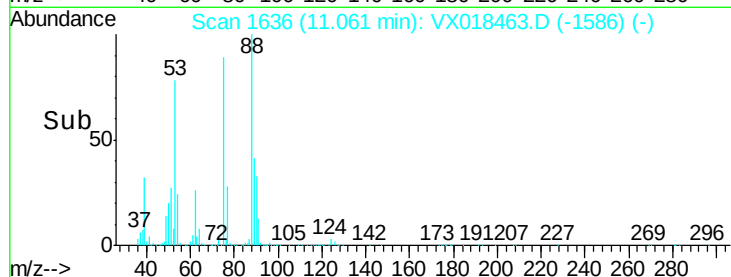
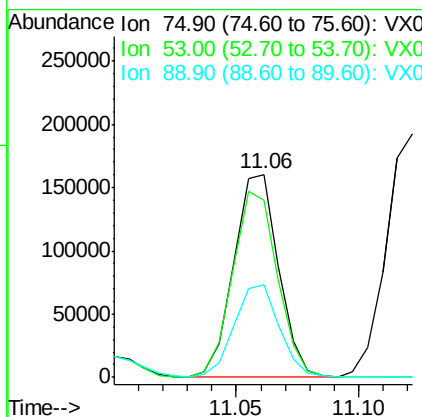
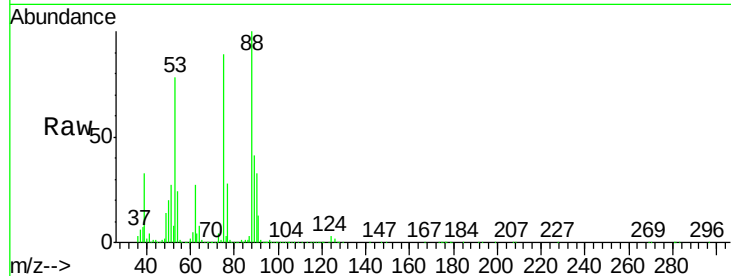
#81
trans-1,4-Dichloro-2-butene
Concen: 50.826 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091720

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.3	74.6	111.8
89	46.6	36.2	54.4

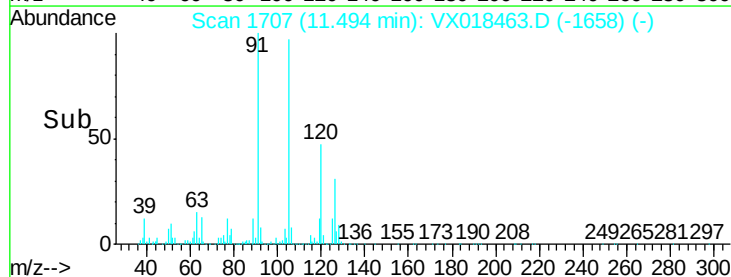
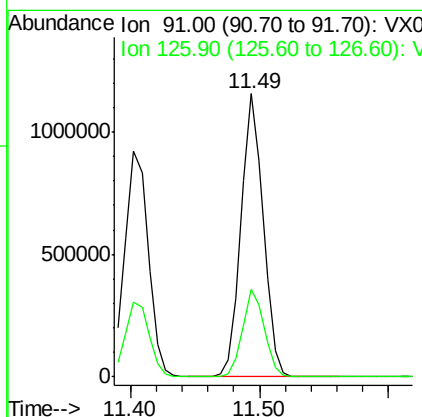
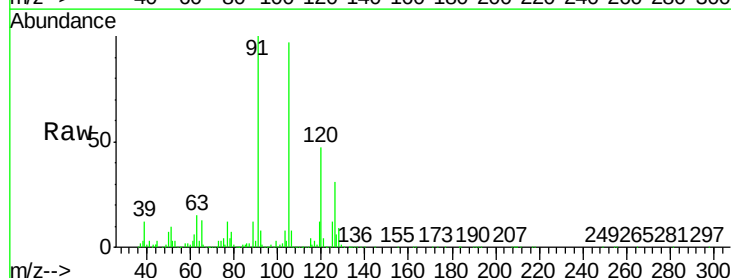
Manual Integrations
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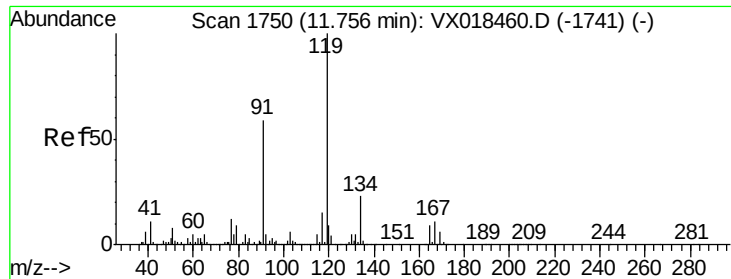
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#82
4-Chlorotoluene
Concen: 50.419 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.0	45.0





#83

tert-Butylbenzene

Concen: 51.751 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

Instrument :

MSVOA_X

ClientSampleId :

ICVVX091720

Tot Ion:119 Resp: 1399076

Ion Ratio Lower Upper

119 100

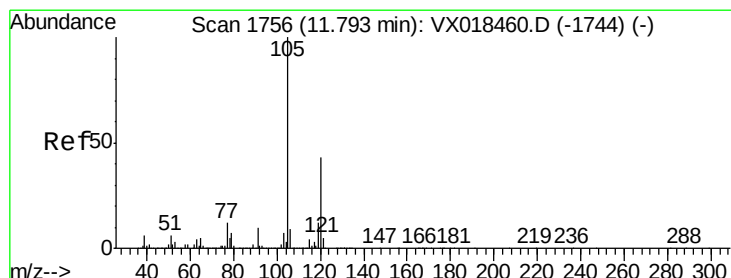
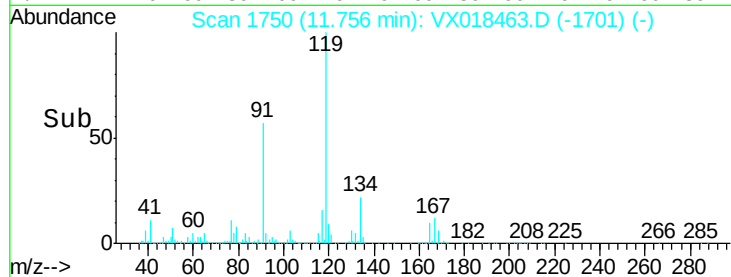
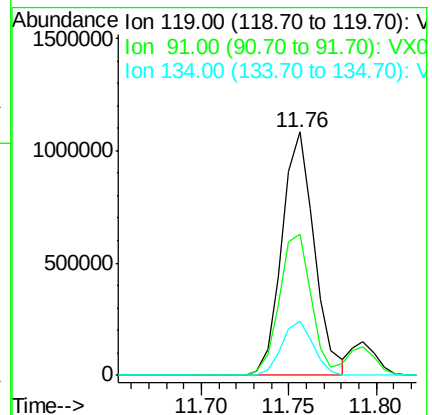
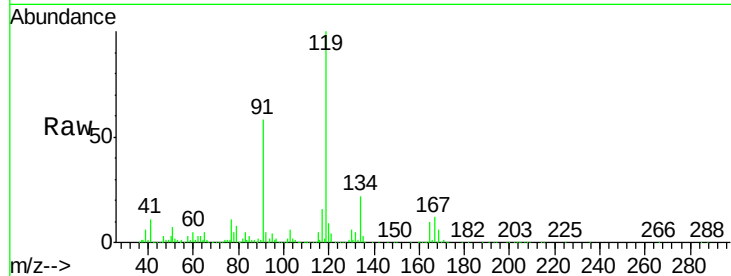
91 56.8 28.9 86.7

134 21.8 11.3 33.8

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 52.024 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX018463.D

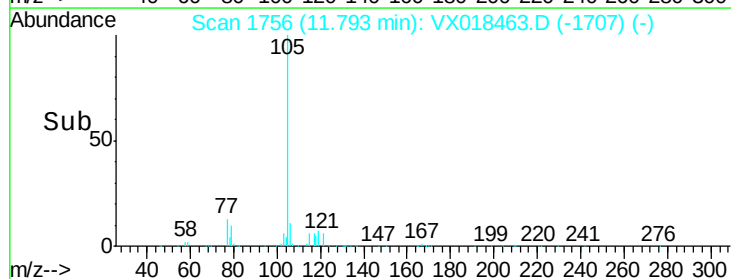
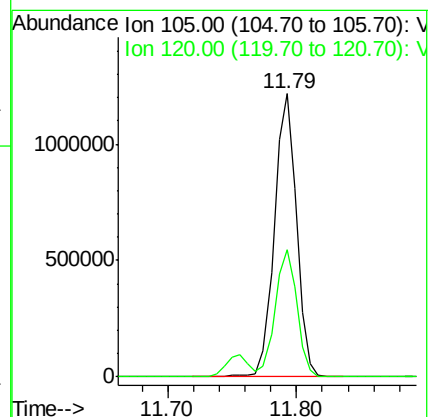
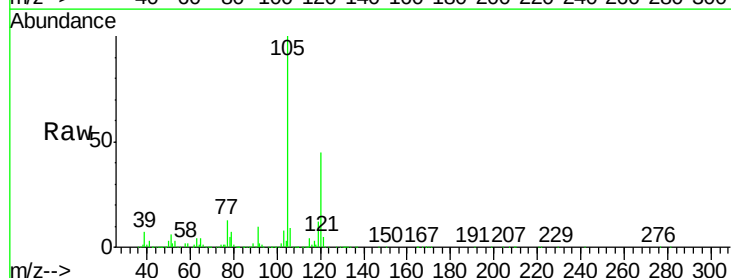
Acq: 17 Sep 2020 12:39

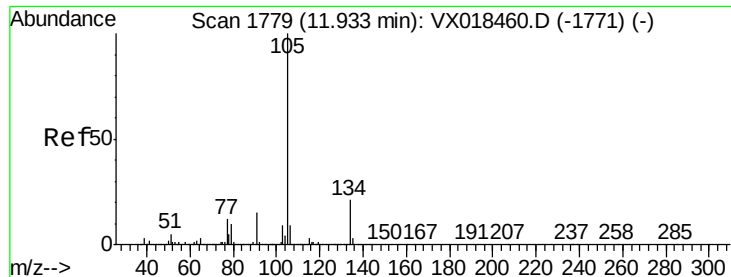
Tgt Ion:105 Resp: 1458866

Ion Ratio Lower Upper

105 100

120 44.2 21.6 65.0





#85

sec-Butylbenzene

Concen: 52.310 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

Instrument :

MSVOA_X

ClientSampled :

ICVVX091720

Tot Ion:105 Resp: 1668648

Ion Ratio Lower Upper

105 100

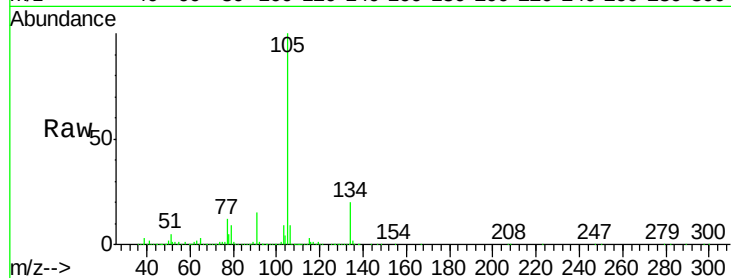
134 19.9 10.2 30.4

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

1500000

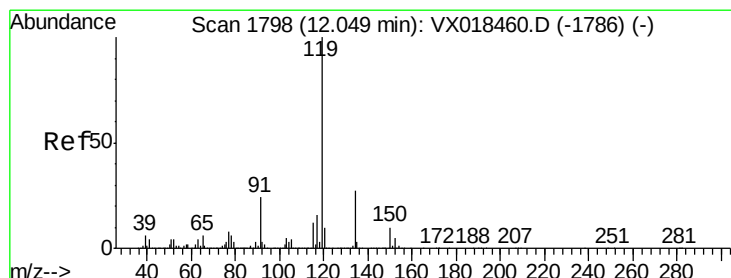
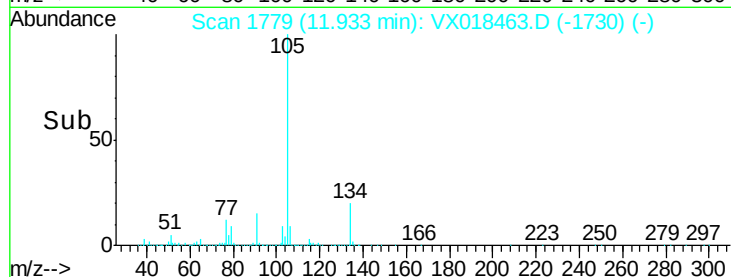
1000000

500000

0

Time-->

11.90 12.00



#86

p-Isopropyltoluene

Concen: 52.205 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

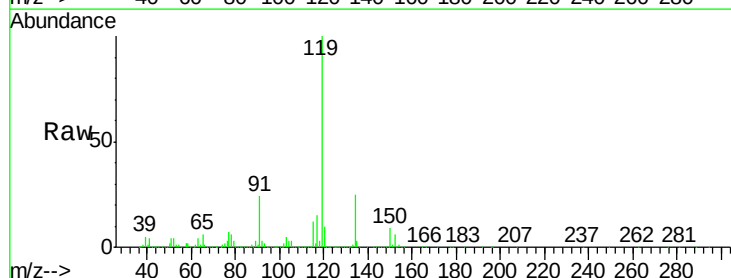
Tgt Ion:119 Resp: 1530484

Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.9

91 24.3 11.9 35.9



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

1500000

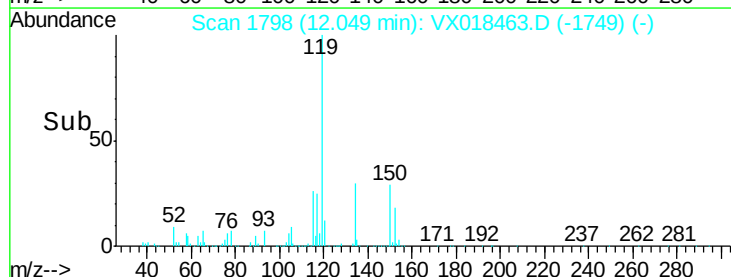
1000000

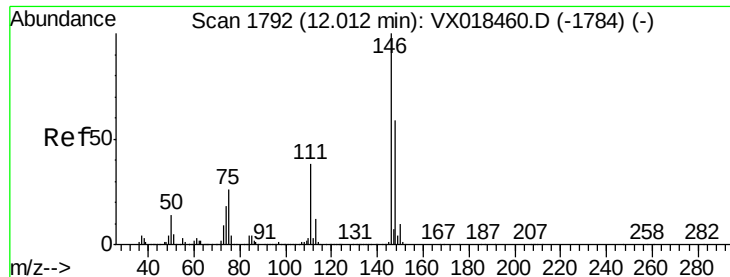
500000

0

Time-->

12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 48.823 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

Instrument :

MSVOA_X

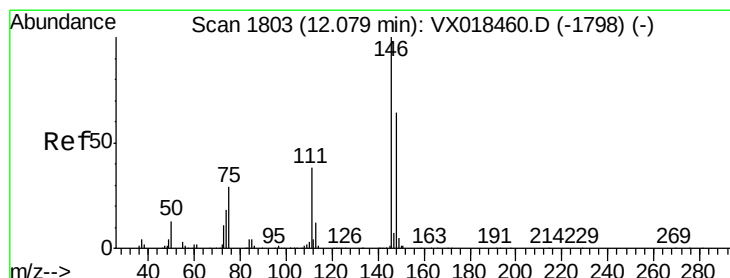
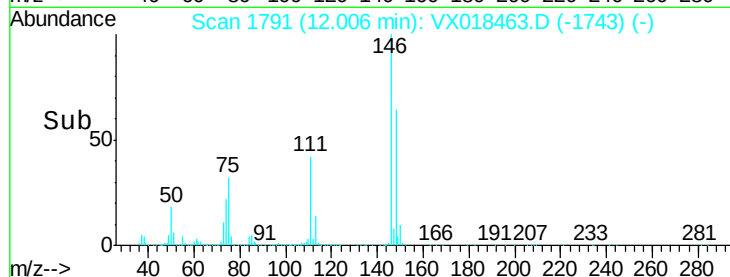
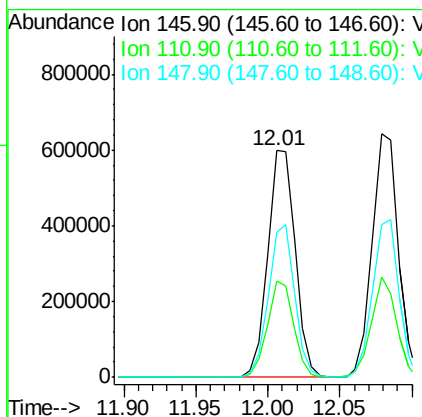
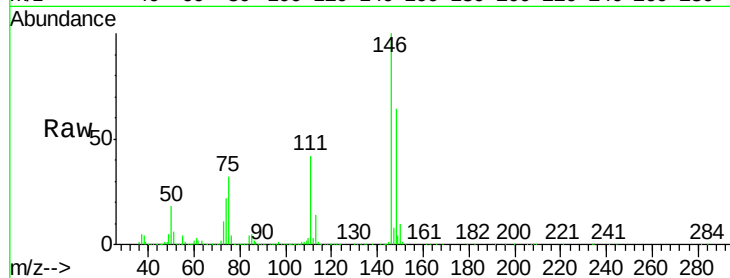
ClientSampleId :

ICVVX091720

Tot Ion:	146	Resp:	788606
Ion Ratio	Lower	Upper	
146	100		
111	40.7	20.4	61.2
148	64.0	31.1	93.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.687 ug/l

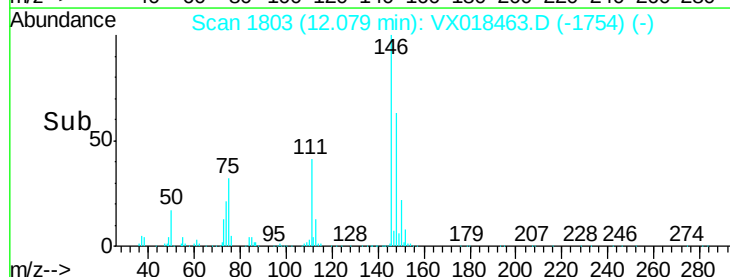
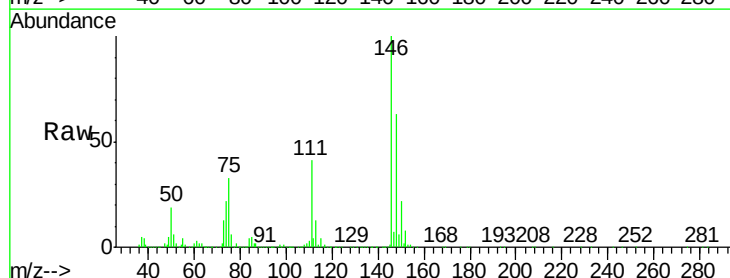
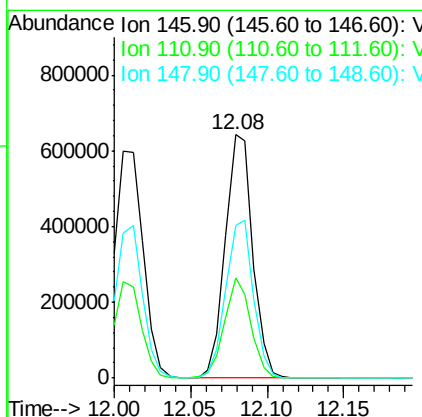
RT: 12.08 min Scan# 1803

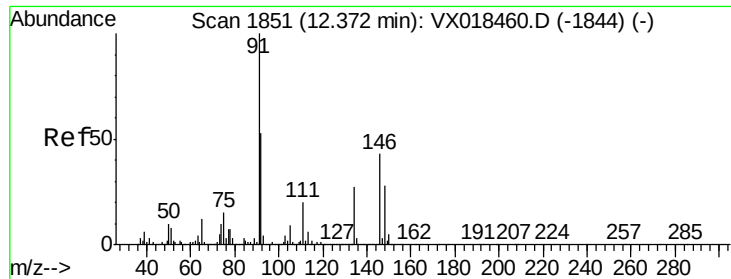
Delta R.T. 0.00 min

Lab File: VX018463.D

Acq: 17 Sep 2020 12:39

Tgt Ion:	146	Resp:	797374
Ion Ratio	Lower	Upper	
146	100		
111	39.6	19.4	58.4
148	65.4	31.8	95.4





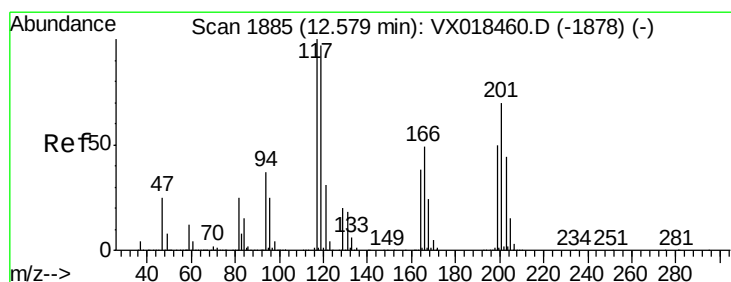
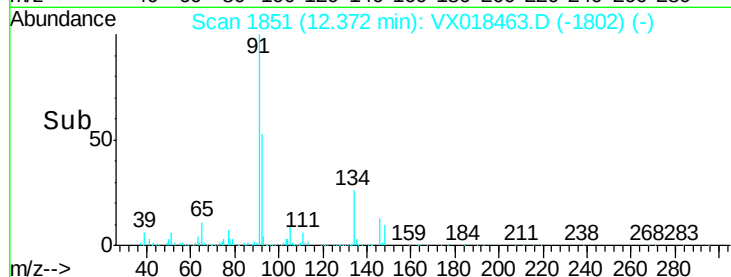
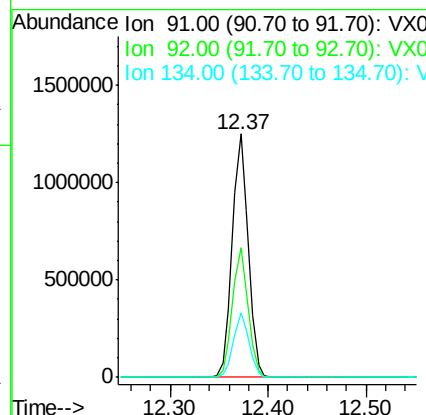
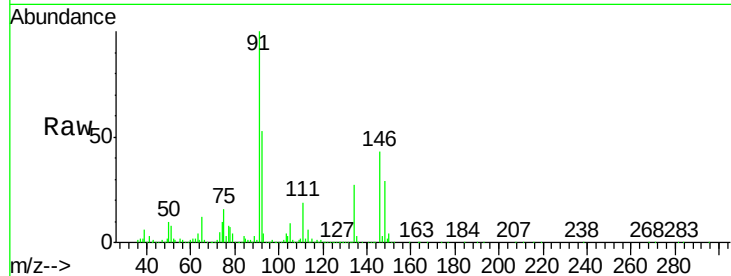
#89
n-Butylbenzene
Concen: 52.491 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091720

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.1	78.2
134	25.9	13.3	39.8

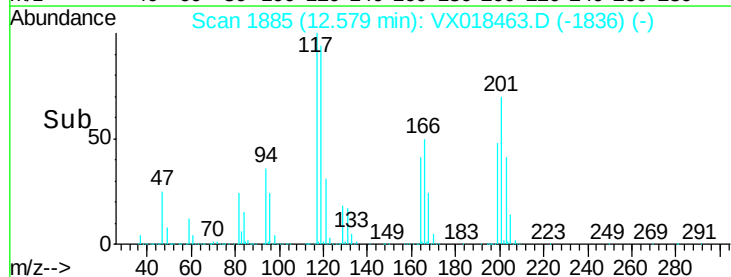
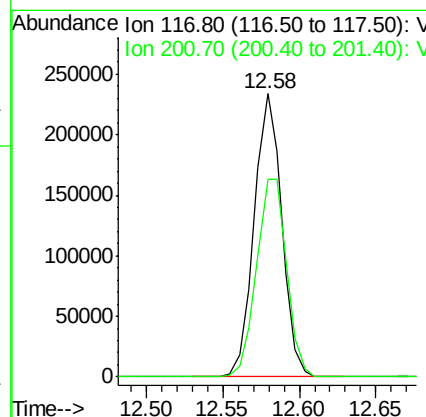
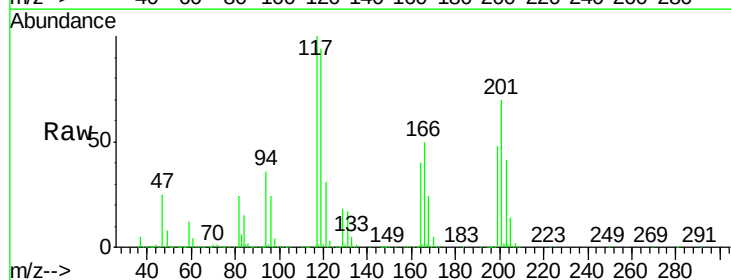
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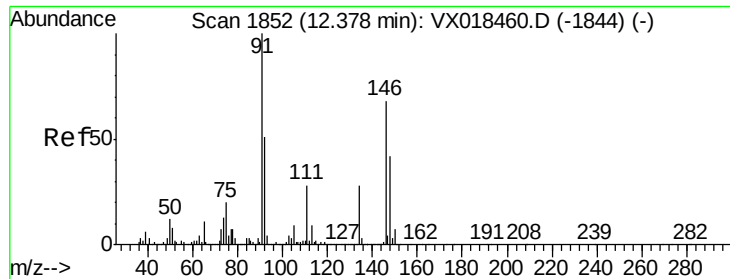
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#90
Hexachloroethane
Concen: 49.983 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.7	36.2	108.6





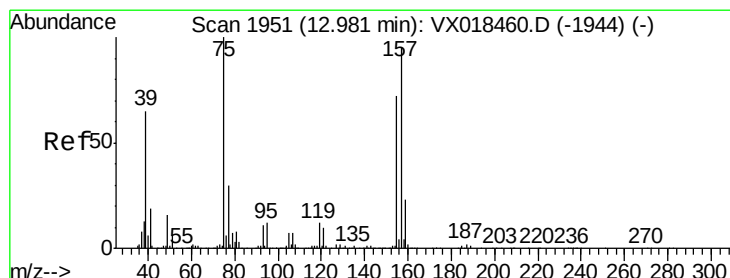
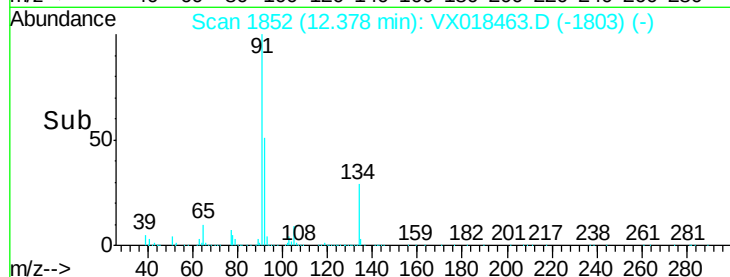
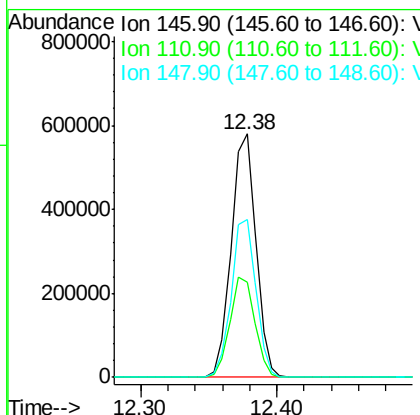
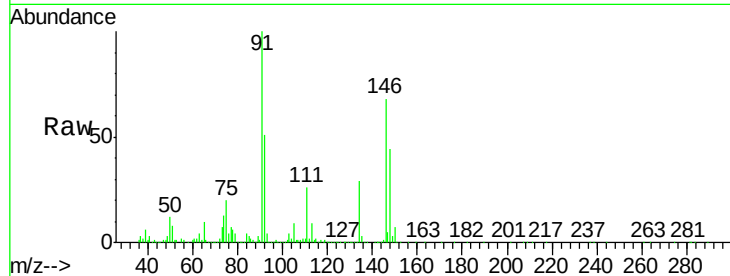
#91
 1,2-Dichlorobenzene
 Concen: 48.481 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018463.D
 Acq: 17 Sep 2020 12:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091720

Tot Ion	Ratio	Resp	Lower	Upper
146	100	732937		
111	41.8	21.5	64.5	
148	65.1	32.1	96.5	

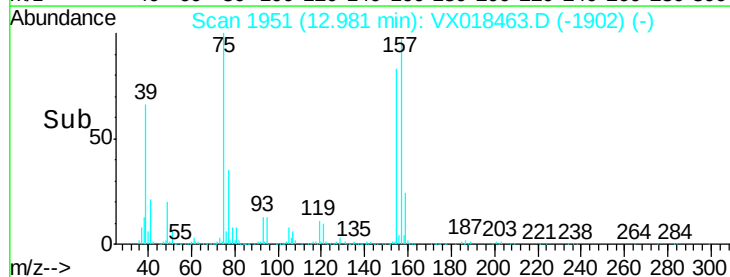
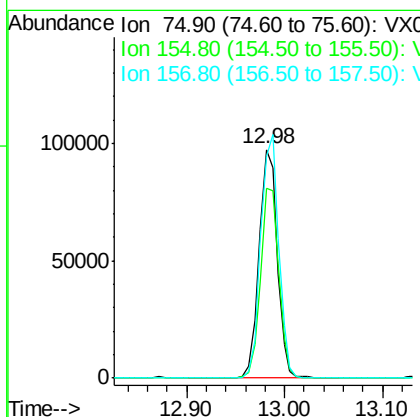
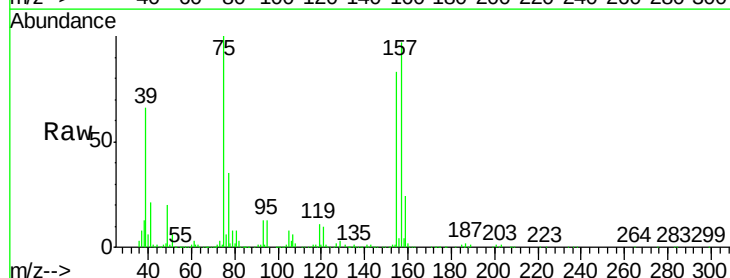
Manual Integrations
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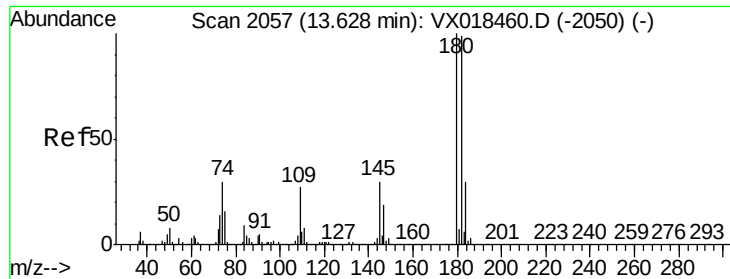
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.386 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018463.D
 Acq: 17 Sep 2020 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	126587		
155	83.9	38.8	116.4	
157	105.3	51.1	153.3	





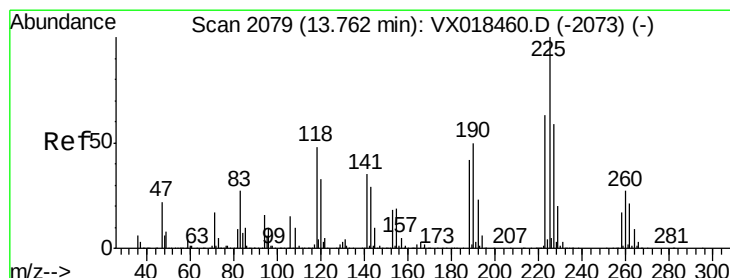
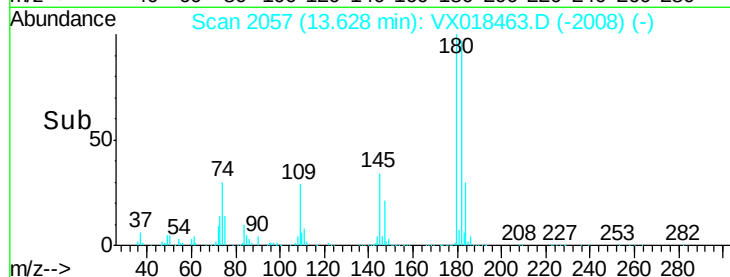
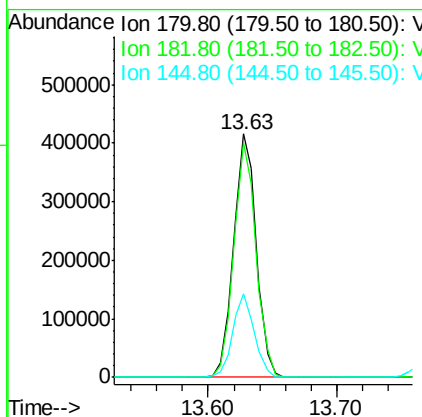
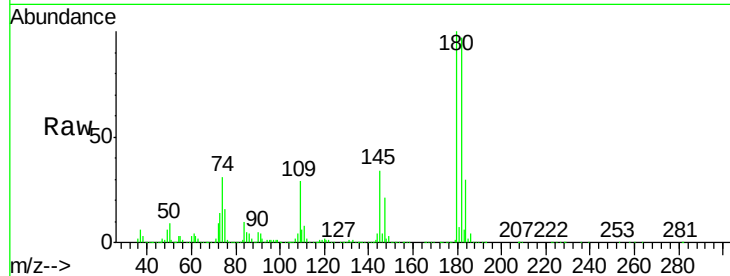
#93
 1,2,4-Trichlorobenzene
 Concen: 48.613 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018463.D
 Acq: 17 Sep 2020 12:39

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091720

Tot Ion	Ratio	Resp	Lower	Upper
180	100	511497		
182	94.9	50.2	150.6	
145	32.5	15.7	47.1	

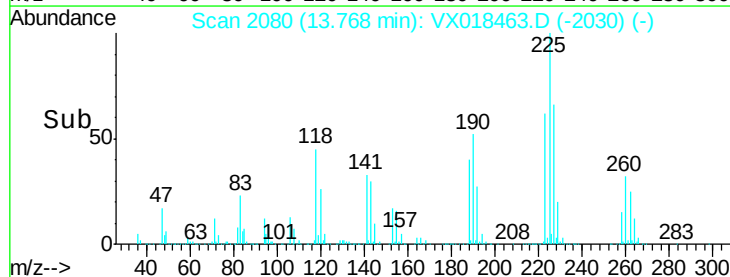
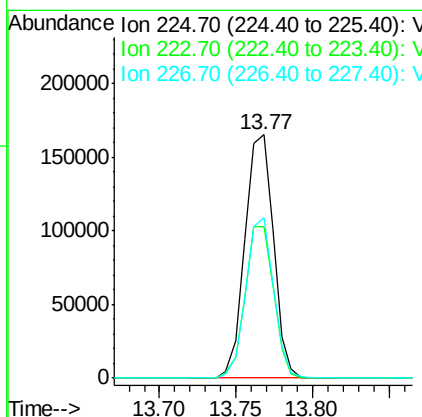
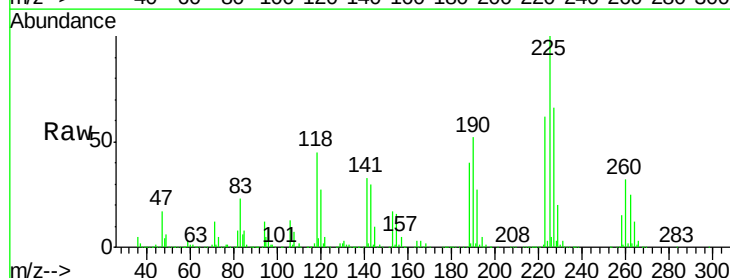
Manual Integrations
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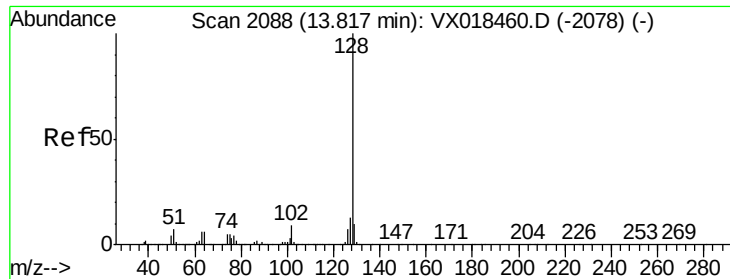
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#94
 Hexachlorobutadiene
 Concen: 48.681 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018463.D
 Acq: 17 Sep 2020 12:39

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	214942		
223	62.1	32.0	96.2	
227	63.6	31.7	95.1	





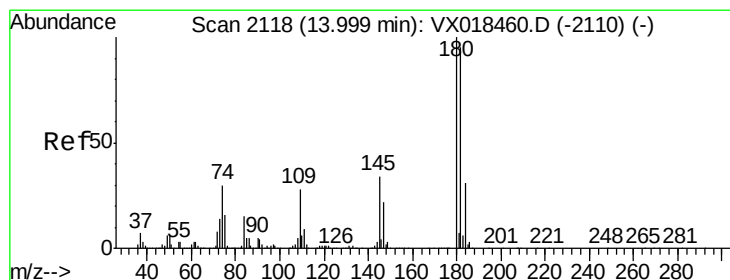
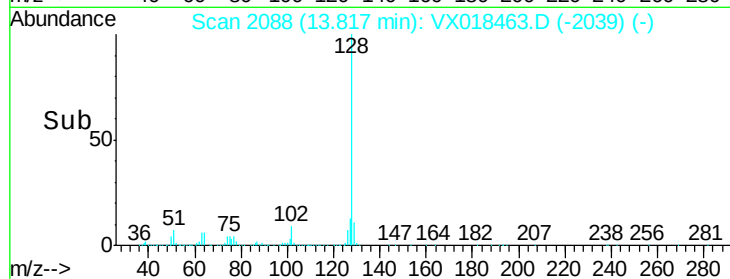
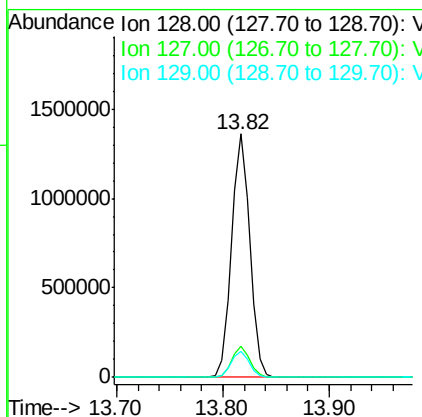
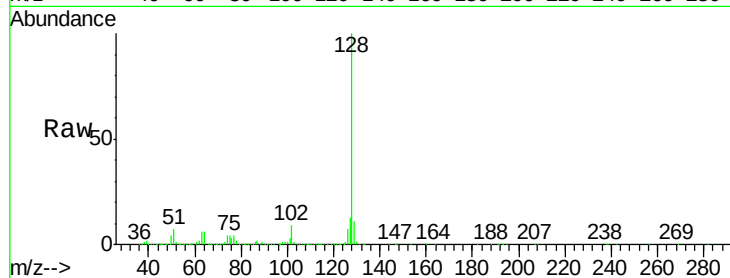
#95
Naphthalene
Concen: 51.814 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Instrument :
MSVOA_X
ClientSampleId :
ICVVX091720

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	10.6	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/18/2020 12:19:45 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.521 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018463.D
Acq: 17 Sep 2020 12:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.1	141.3
145	33.2	16.8	50.4

