

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019494.D
 Acq On : 20 Nov 2020 12:28
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112120

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 3:50:43 PM

Quant Time: Nov 21 03:56:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	292517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	478387	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	429798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	217310	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	188690	49.75	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.50%
35) Dibromofluoromethane	5.46	113	154821	51.56	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.12%
50) Toluene-d8	8.70	98	603515	51.72	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	103.44%
62) 4-Bromofluorobenzene	11.12	95	222899	53.09	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	106.18%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	156526	55.026	ug/l	100
3) Chloromethane	1.31	50	174384	53.423	ug/l	99
4) Vinyl Chloride	1.39	62	187435	53.342	ug/l	100
5) Bromomethane	1.62	94	72536	54.500	ug/l	99
6) Chloroethane	1.69	64	45082	52.911	ug/l	93
7) Trichlorofluoromethane	1.90	101	267333	52.711	ug/l	98
8) Diethyl Ether	2.17	74	108968	53.649	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	154903	54.747	ug/l	99
10) Methyl Iodide	2.48	142	186786	50.251	ug/l	98
11) Tert butyl alcohol	3.05	59	195820	272.815	ug/l	100
12) 1,1-Dichloroethene	2.34	96	153892	52.992	ug/l	98
13) Acrolein	2.28	56	123063	255.061	ug/l	100
14) Allyl chloride	2.70	41	239864	52.724	ug/l	100
15) Acrylonitrile	3.12	53	455463	269.064	ug/l	100
16) Acetone	2.43	43	389158	265.326	ug/l	99
17) Carbon Disulfide	2.54	76	418206	53.604	ug/l	100
18) Methyl Acetate	2.75	43	185943	51.683	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	547415	54.609	ug/l	99
20) Methylene Chloride	2.83	84	184262	50.263	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	176444	53.625	ug/l	98
22) Diisopropyl ether	3.82	45	507139	53.885	ug/l	98
23) Vinyl Acetate	3.78	43	2218963	281.087	ug/l	100
24) 1,1-Dichloroethane	3.67	63	305272	53.030	ug/l	99
25) 2-Butanone	4.64	43	608469	276.164	ug/l	100
26) 2,2-Dichloropropane	4.54	77	272888	54.310	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	202115	53.476	ug/l	99
28) Bromochloromethane	4.98	49	128764	46.786	ug/l	100
29) Tetrahydrofuran	5.09	42	375215	266.904	ug/l	100
30) Chloroform	5.17	83	320070	53.174	ug/l	95
31) Cyclohexane	5.54	56	264854	53.691	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	279233	54.004	ug/l	99
36) 1,1-Dichloropropene	5.76	75	242566	54.085	ug/l	99
37) Ethyl Acetate	4.79	43	235536	55.942	ug/l	99
38) Carbon Tetrachloride	5.74	117	239362	55.139	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	296532	56.785	ug/l	98
40) Benzene	6.10	78	734290	53.287	ug/l	99
41) Methacrylonitrile	5.01	41	121684	52.409	ug/l	96
42) 1,2-Dichloroethane	6.16	62	250567	53.051	ug/l	100
43) Isopropyl Acetate	6.41	43	380826	53.807	ug/l	99
44) Trichloroethene	7.18	130	191654	53.098	ug/l	97
45) 1,2-Dichloropropane	7.49	63	183615	54.126	ug/l	99
46) Dibromomethane	7.63	93	125696	54.137	ug/l	98
47) Bromodichloromethane	7.87	83	250691	55.643	ug/l	97
48) Methyl methacrylate	7.74	41	186430	56.244	ug/l	99
49) 1,4-Dioxane	7.72	88	83990	1115.993	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1144684	277.351	ug/l	99
52) Toluene	8.76	92	471885	55.978	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	281532	57.860	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	308092	57.057	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	183912	53.570	ug/l	98
56) Ethyl methacrylate	9.16	69	281780	58.004	ug/l	100
57) 1,3-Dichloropropane	9.35	76	314971	54.798	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	806840	283.447	ug/l	99
59) 2-Hexanone	9.48	43	890867	284.608	ug/l	99
60) Dibromochloromethane	9.56	129	191200	56.858	ug/l	99
61) 1,2-Dibromoethane	9.65	107	194295	54.904	ug/l	100
64) Tetrachloroethene	9.32	164	176912	52.365	ug/l	97
65) Chlorobenzene	10.12	112	484879	54.871	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	179614	55.880	ug/l	98
67) Ethyl Benzene	10.23	91	886229	57.248	ug/l	98
68) m/p-Xylenes	10.34	106	664724	115.253	ug/l	99
69) o-Xylene	10.68	106	313875	56.930	ug/l	99
70) Styrene	10.70	104	534901	52.334	ug/l	99
71) Bromoform	10.84	173	139005	50.975	ug/l #	96
73) Isopropylbenzene	11.00	105	841115	55.951	ug/l	98
74) N-amyl acetate	10.88	43	323979	57.513	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	283454	52.726	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	256318m	54.048	ug/l	
77) Bromobenzene	11.24	156	206805	53.888	ug/l	99
78) n-propylbenzene	11.34	91	983286	57.016	ug/l	100
79) 2-Chlorotoluene	11.40	91	579419	55.399	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	725343	57.517	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	93604	53.029	ug/l	98
82) 4-Chlorotoluene	11.49	91	688926	55.954	ug/l	99
83) tert-Butylbenzene	11.76	119	700883	57.447	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	734586	57.570	ug/l	100
85) sec-Butylbenzene	11.93	105	837201	57.681	ug/l	100
86) p-Isopropyltoluene	12.05	119	769591	58.400	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	377635	53.581	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	394755	54.376	ug/l	99
89) n-Butylbenzene	12.37	91	702272	58.948	ug/l	99
90) Hexachloroethane	12.58	117	125793	57.046	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	384450	54.311	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	61838	56.383	ug/l	99

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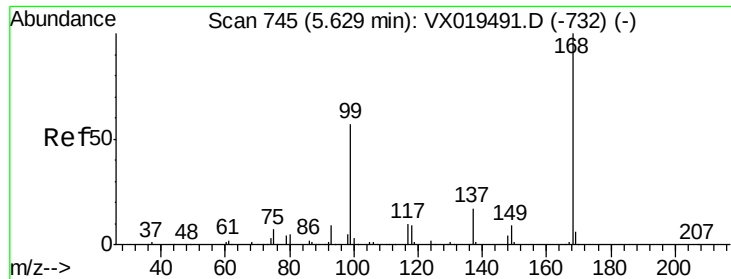
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	262063	57.665	ug/l	99
94) Hexachlorobutadiene	13.76	225	112751	54.462	ug/l	98
95) Naphthalene	13.82	128	845836	52.649	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	259308	57.043	ug/l	99

(#) = 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

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Instrument :

MSVOA_X

ClientSampleId :

ICVVX112120

Tot Ion:168 Resp: 292517

Ion Ratio Lower Upper

168 100

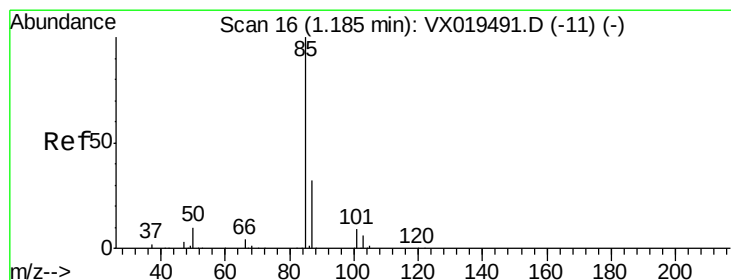
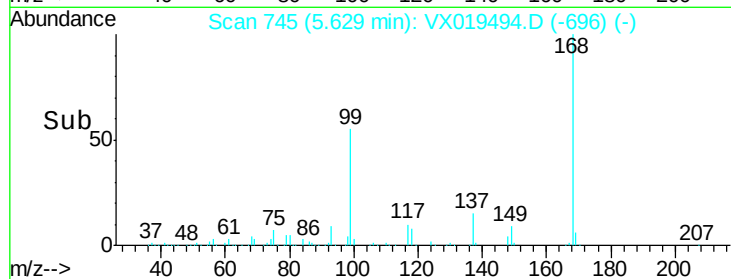
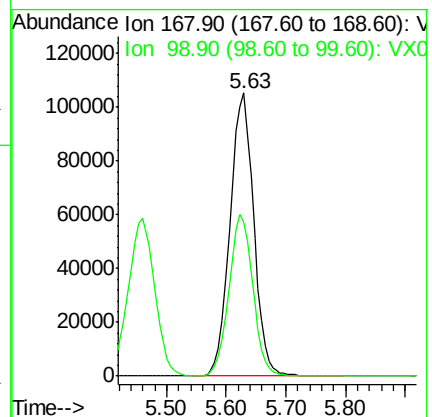
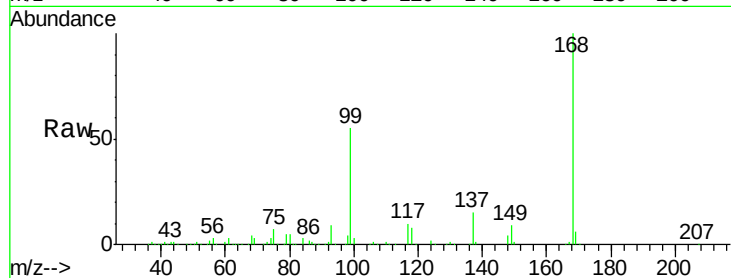
99 54.5 45.8 68.6

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 55.026 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.01 min

Lab File: VX019494.D

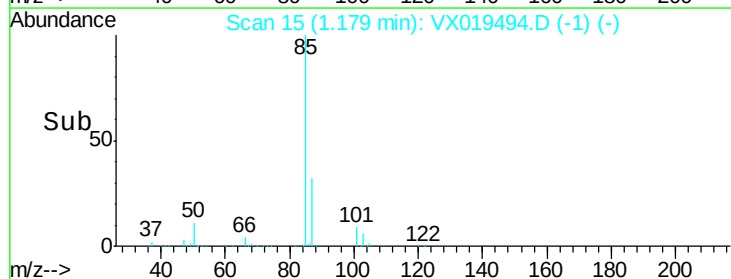
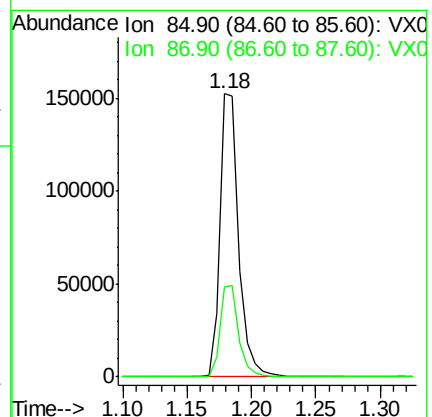
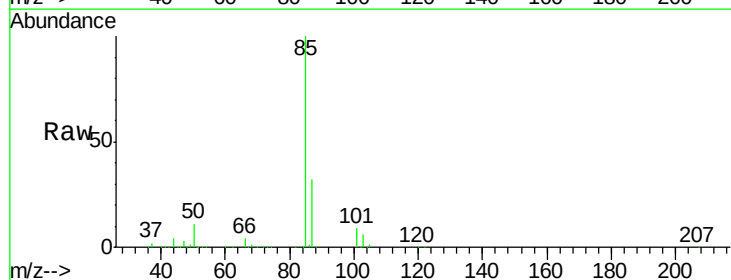
Acq: 20 Nov 2020 12:28

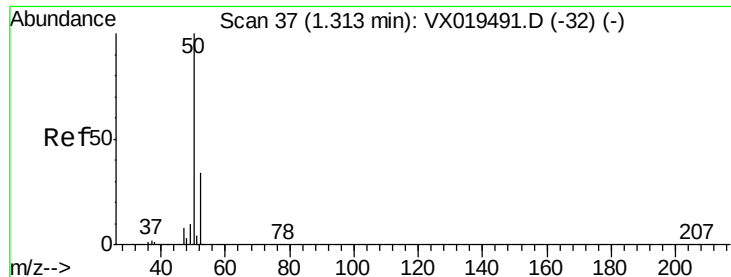
Tgt Ion: 85 Resp: 156526

Ion Ratio Lower Upper

85 100

87 32.0 16.0 47.9





#3

Chloromethane

Concen: 53.423 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112120

Tot Ion: 50 Resp: 174384

Ion Ratio Lower Upper

50 100

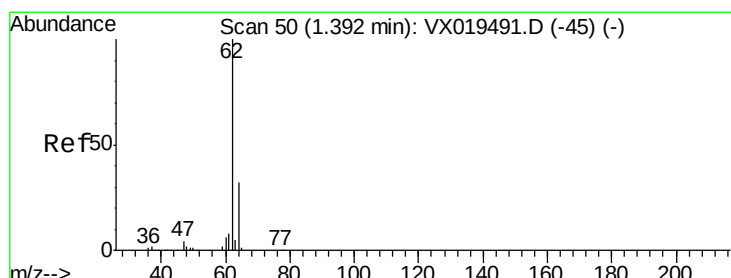
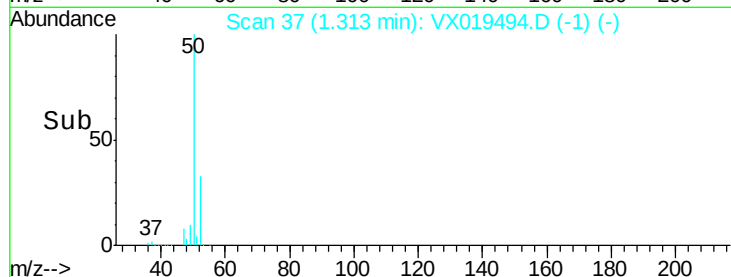
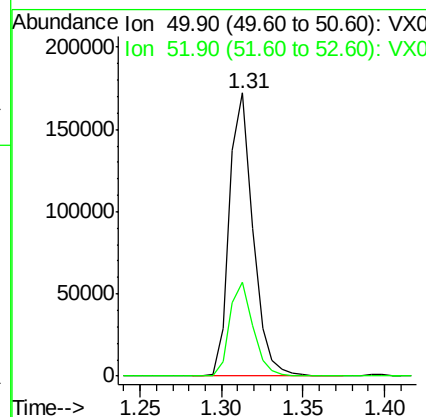
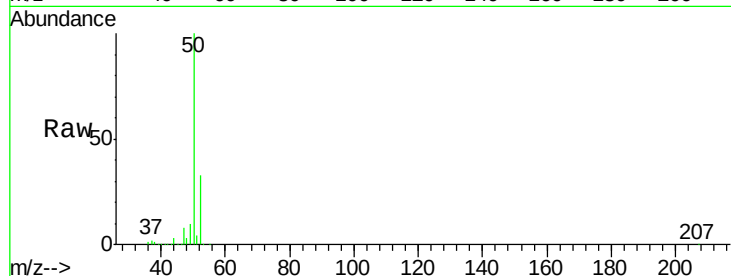
52 33.4 27.0 40.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 53.342 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019494.D

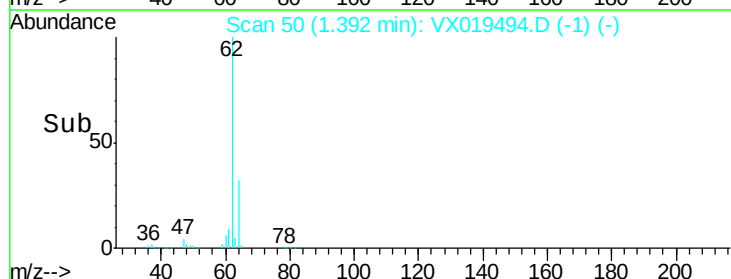
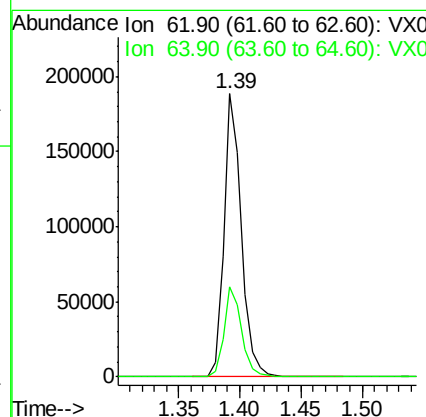
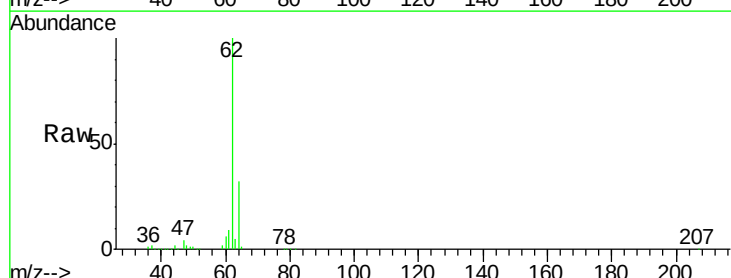
Acq: 20 Nov 2020 12:28

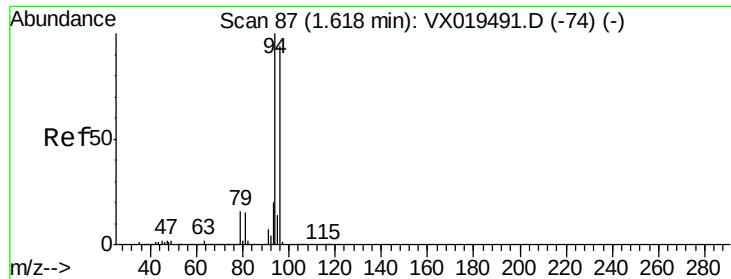
Tgt Ion: 62 Resp: 187435

Ion Ratio Lower Upper

62 100

64 31.8 25.4 38.2





#5

Bromomethane

Concen: 54.500 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

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ClientSampleId :

ICVVX112120

Tot Ion: 94 Resp: 72536

Ion Ratio Lower Upper

94 100

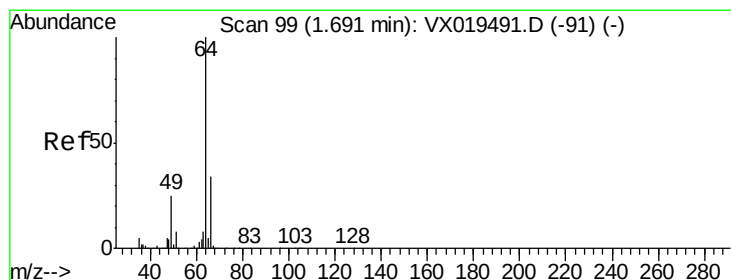
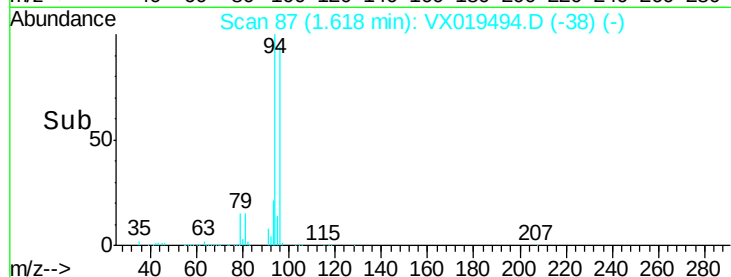
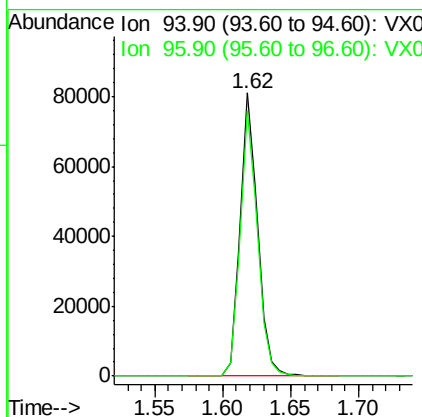
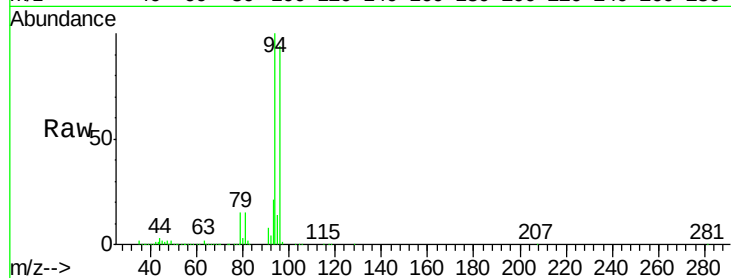
96 93.8 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 52.911 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019494.D

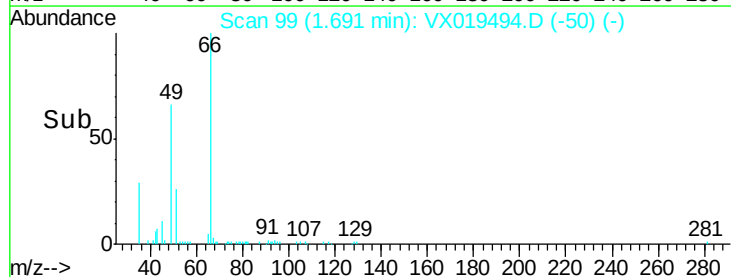
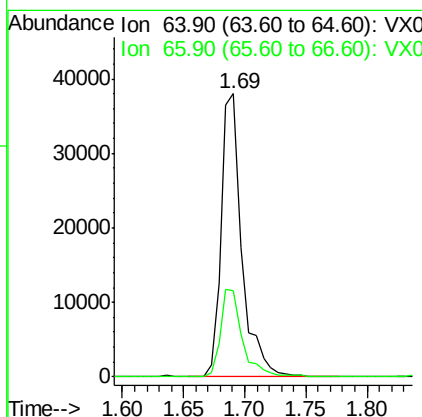
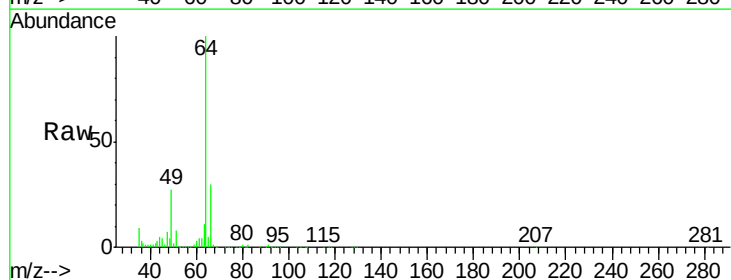
Acq: 20 Nov 2020 12:28

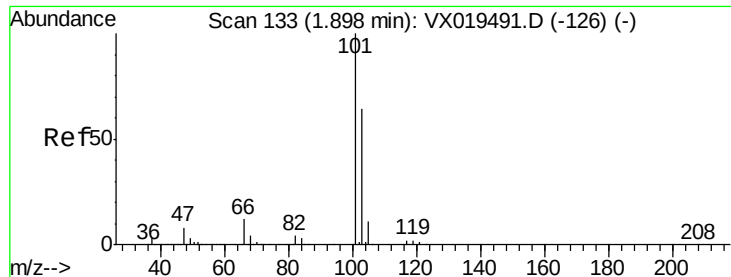
Tgt Ion: 64 Resp: 45082

Ion Ratio Lower Upper

64 100

66 30.2 27.1 40.7





#7

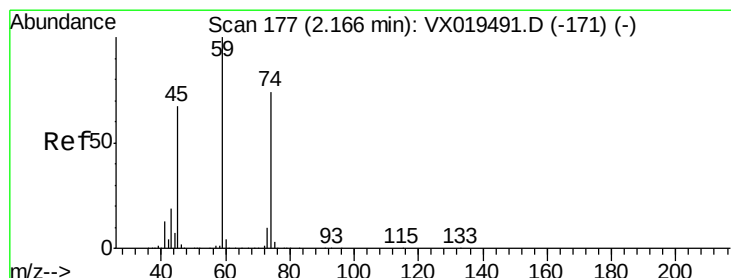
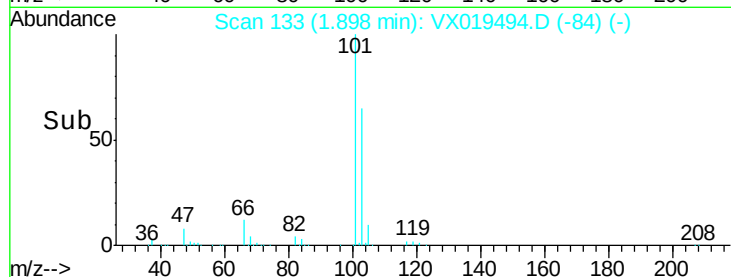
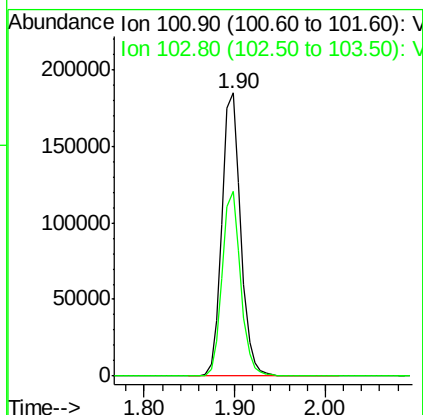
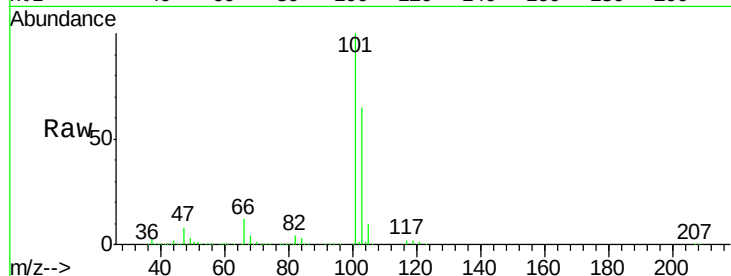
Trichlorofluoromethane
Concen: 52.711 ug/l
RT: 1.90 min Scan# 133
Delta R.T. -0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Instrument :
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ICVVX112120

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		267333		
103	65.3	50.9	76.3		

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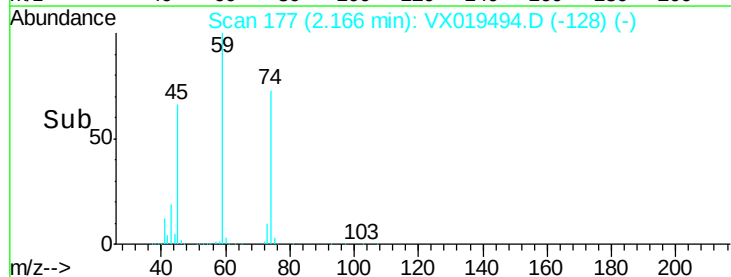
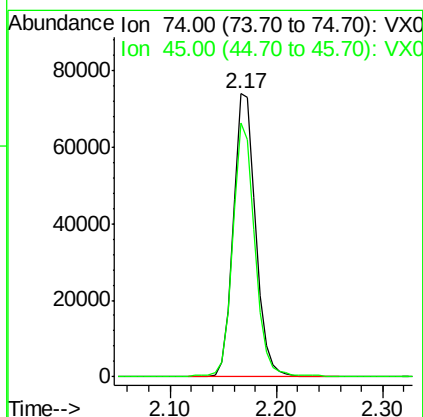
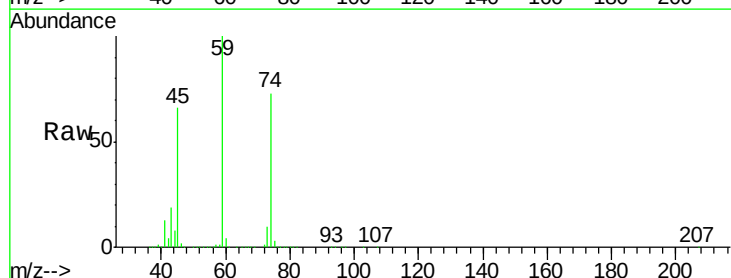
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11/23/2020 3:50:43 PM

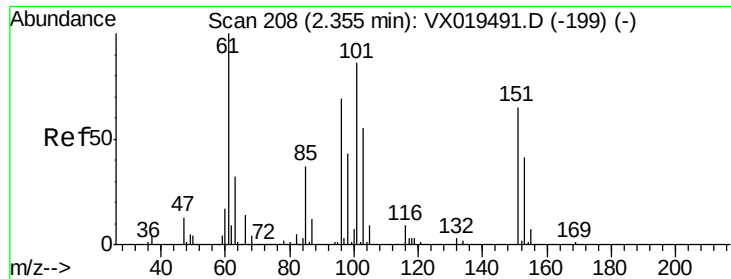


#8

Diethyl Ether
Concen: 53.649 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		108968		
45	87.9	44.4	133.2		





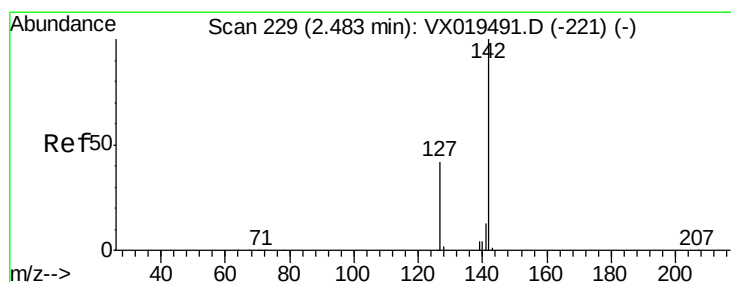
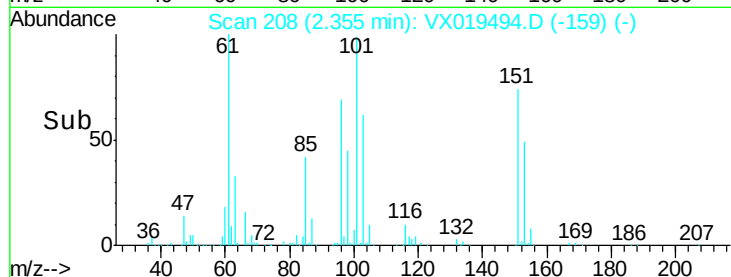
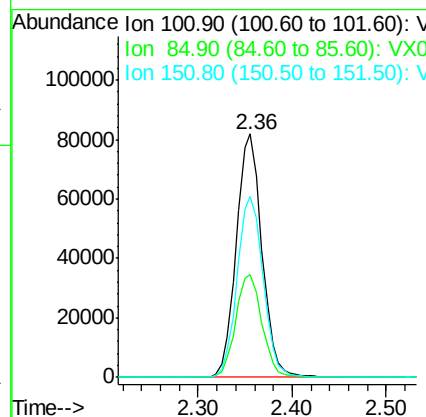
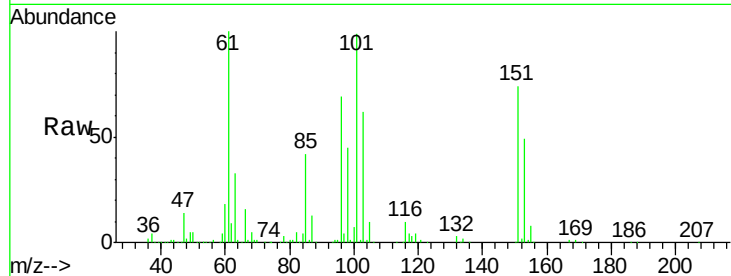
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 54.747 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX019494.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	154903		
85	43.3	33.9	50.9	
151	75.9	60.9	91.3	

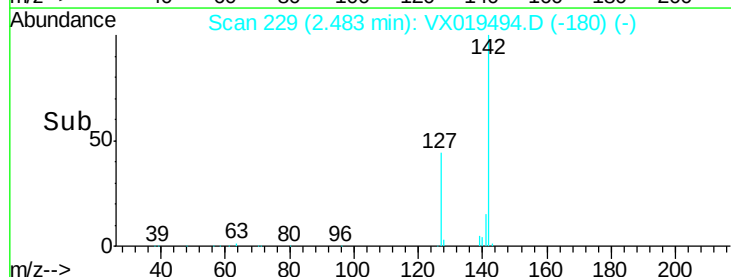
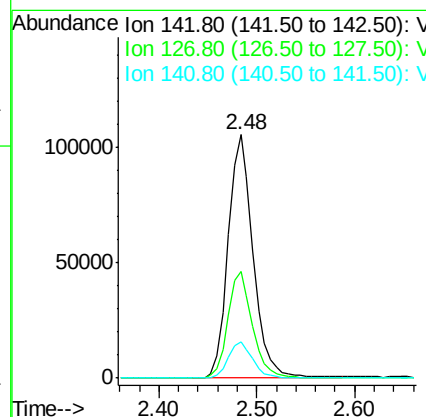
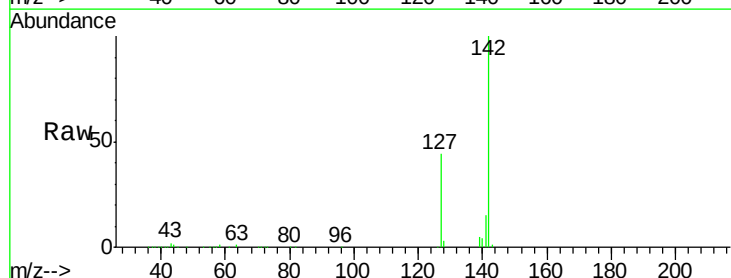
Manual Integrations
 APPROVED

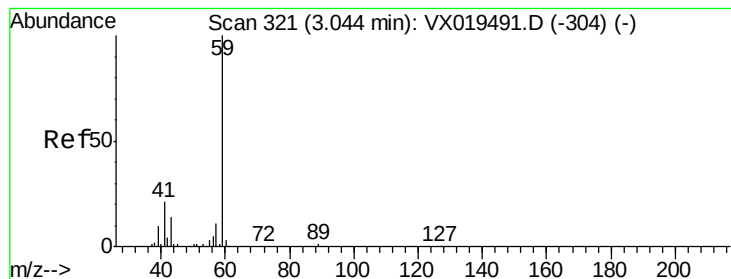
MMDadoda
 11/23/2020 3:50:43 PM



#10
 Methyl Iodide
 Concen: 50.251 ug/l
 RT: 2.48 min Scan# 229
 Delta R.T. -0.00 min
 Lab File: VX019494.D
 Acq: 20 Nov 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	186786		
127	43.1	33.8	50.6	
141	14.6	11.0	16.6	





#11

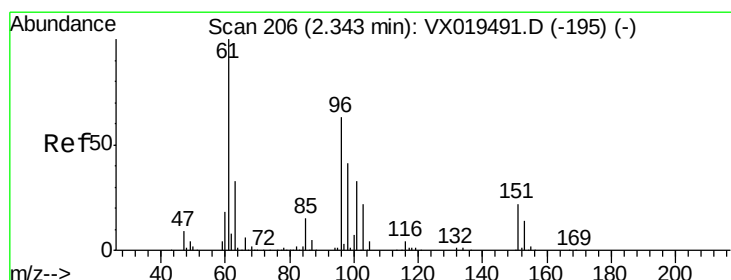
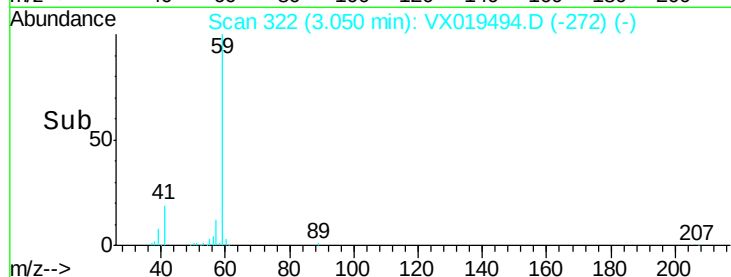
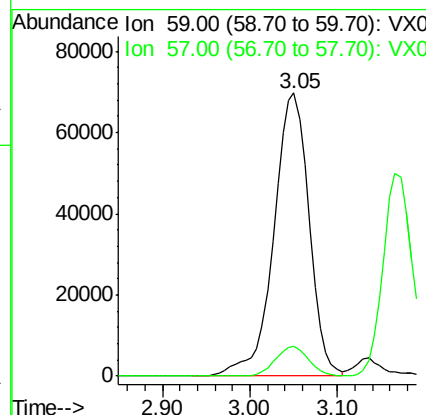
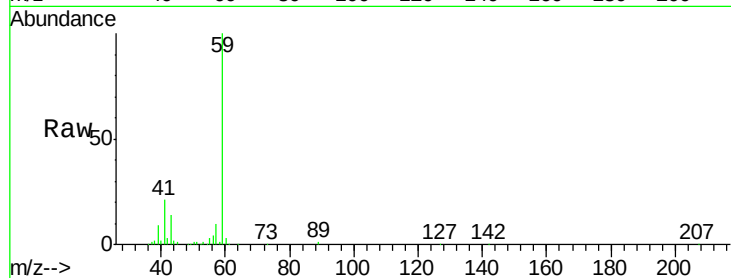
Tert butyl alcohol
 Concen: 272.815 ug/l
 RT: 3.05 min Scan# 322
 Delta R.T. 0.01 min
 Lab File: VX019494.D
 Acq: 20 Nov 2020 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112120

Tot Ion	Ratio	Resp	Lower	Upper
59	100	195820		
57	9.9		7.9	11.9

Manual Integrations
 APPROVED

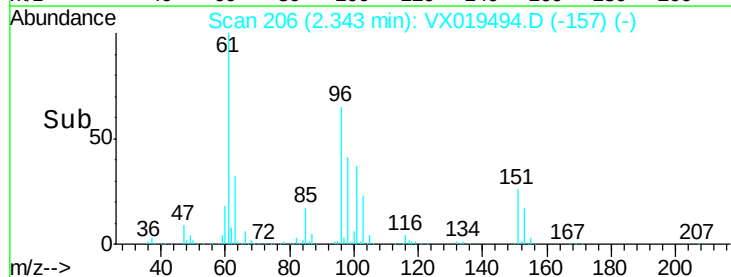
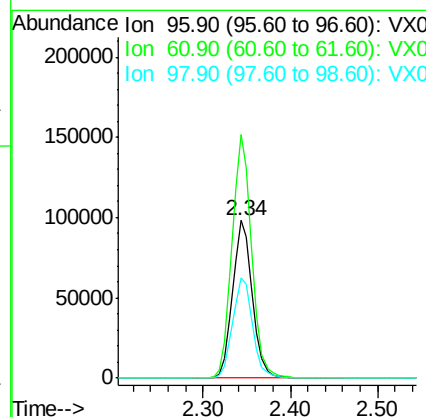
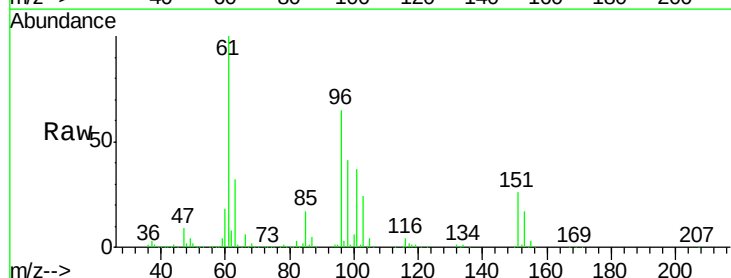
MMDadoda
 11/23/2020 3:50:43 PM

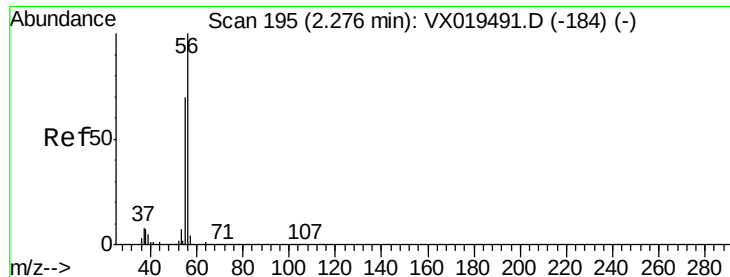


#12

1,1-Dichloroethene
 Concen: 52.992 ug/l
 RT: 2.34 min Scan# 206
 Delta R.T. 0.00 min
 Lab File: VX019494.D
 Acq: 20 Nov 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	153892		
61	154.7		126.0	189.0
98	63.7		52.0	78.0





#13

Acrolein

Concen: 255.061 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112120

Tot Ion: 56 Resp: 123063

Ion Ratio Lower Upper

56 100

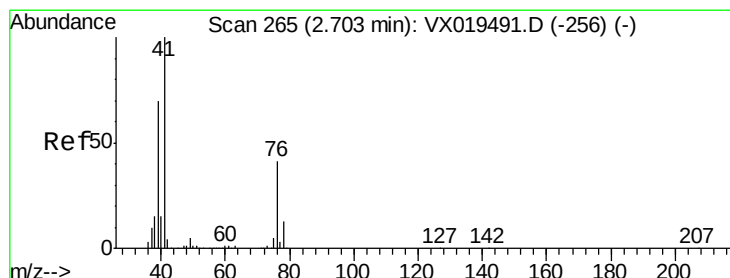
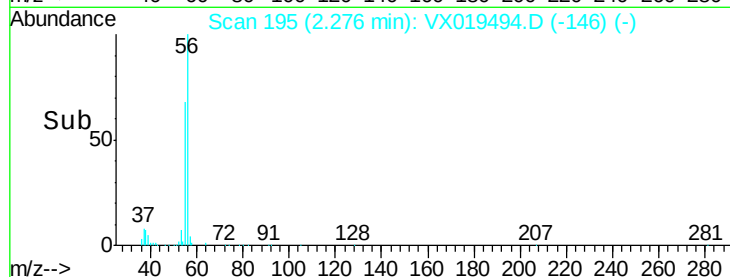
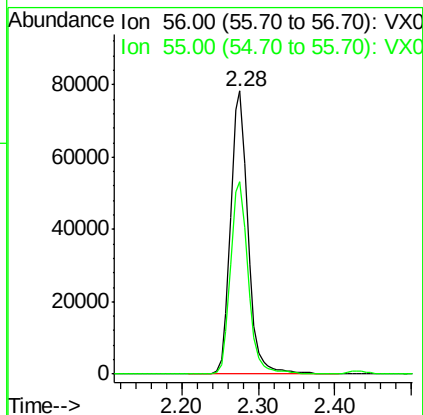
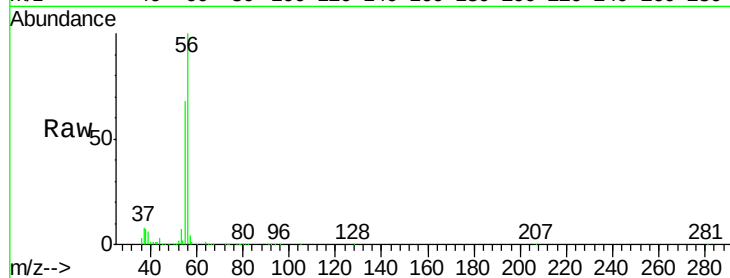
55 69.0 55.5 83.3

Manual Integrations

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MMDadoda

11/23/2020 3:50:43 PM



#14

Allyl chloride

Concen: 52.724 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

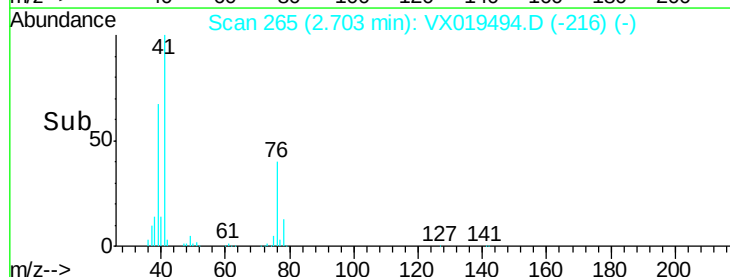
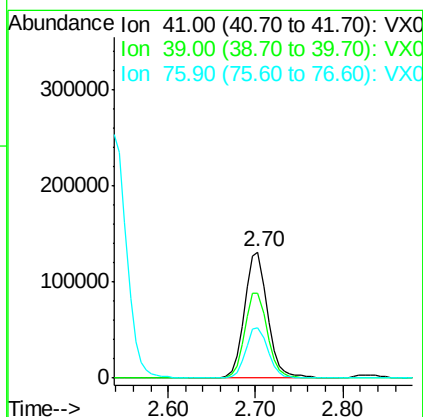
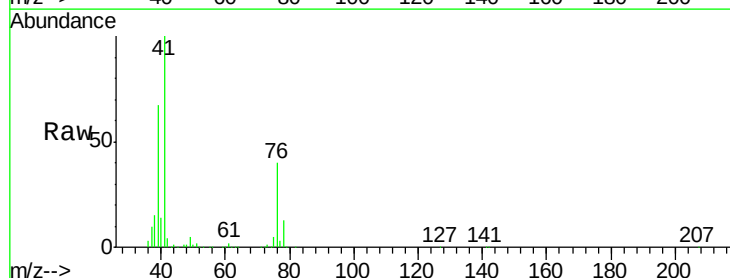
Tgt Ion: 41 Resp: 239864

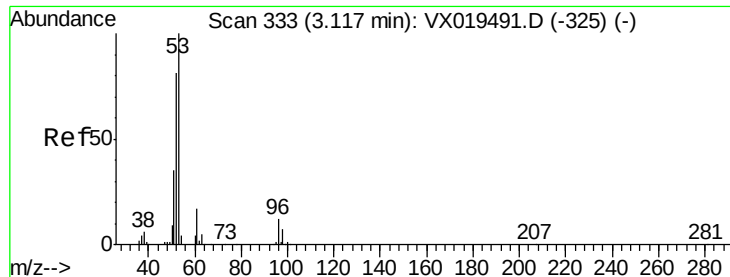
Ion Ratio Lower Upper

41 100

39 66.5 53.0 79.4

76 39.2 31.0 46.6





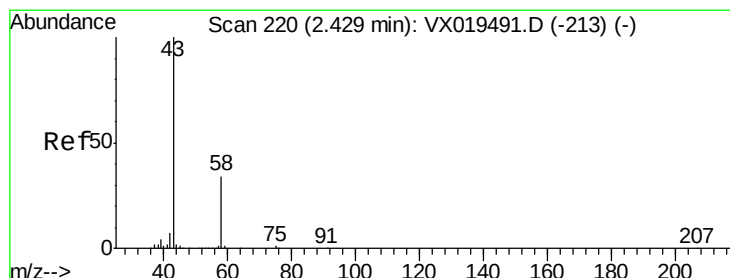
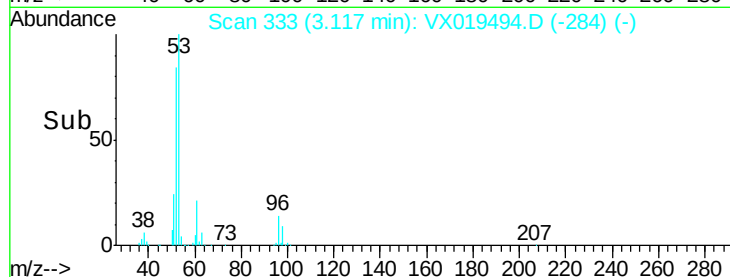
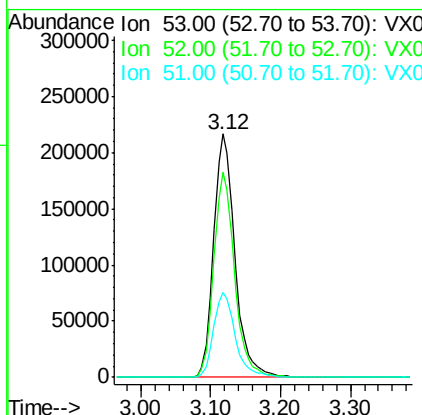
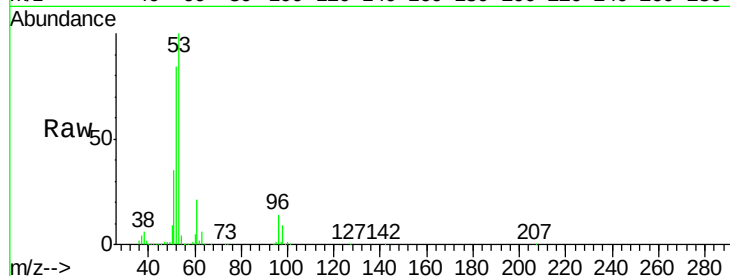
#15
 Acrylonitrile
 Concen: 269.064 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. 0.00 min
 Lab File: VX019494.D
 Acq: 20 Nov 2020 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112120

Tot Ion:	53	Resp:	455463
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.2	99.2
51	35.7	28.5	42.7

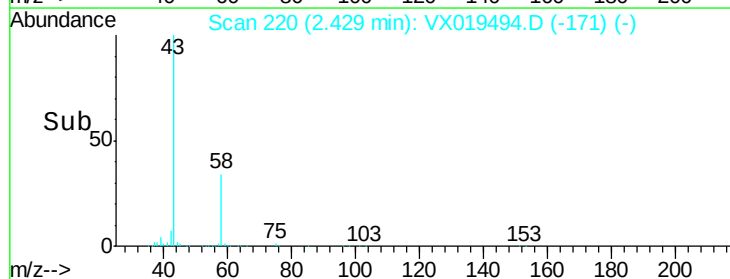
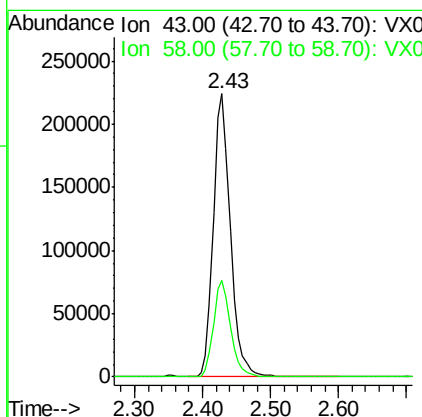
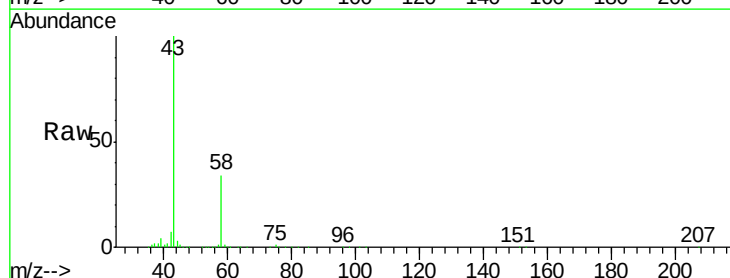
Manual Integrations
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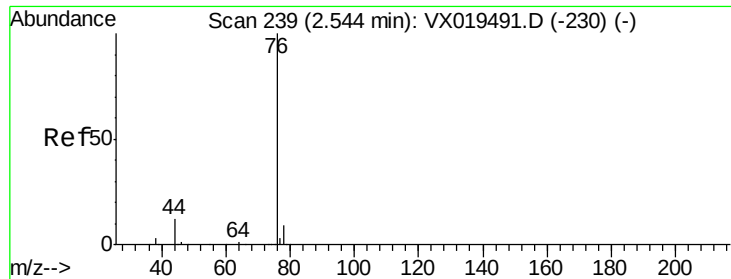
MMDadoda
 11/23/2020 3:50:43 PM



#16
 Acetone
 Concen: 265.326 ug/l
 RT: 2.43 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX019494.D
 Acq: 20 Nov 2020 12:28

Tgt Ion:	43	Resp:	389158
Ion	Ratio	Lower	Upper
43	100		
58	34.0	27.4	41.2





#17

Carbon Disulfide

Concen: 53.604 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.01 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112120

Tot Ion: 76 Resp: 418206

Ion Ratio Lower Upper

76 100

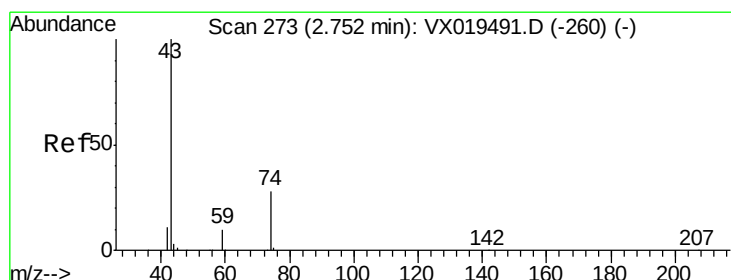
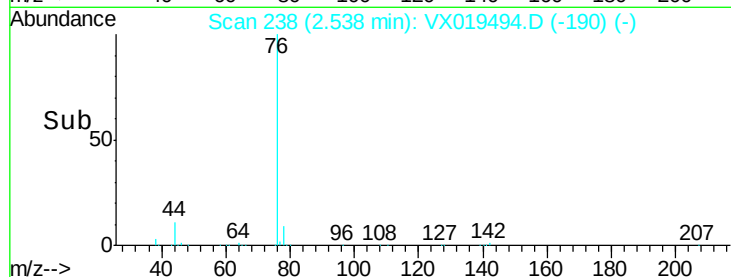
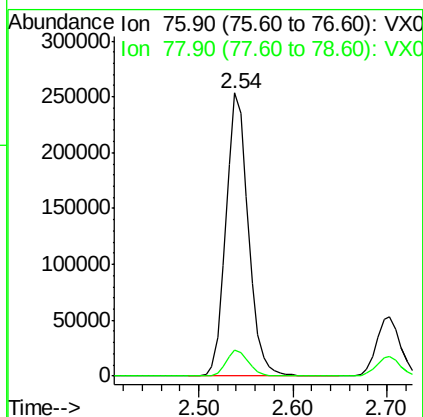
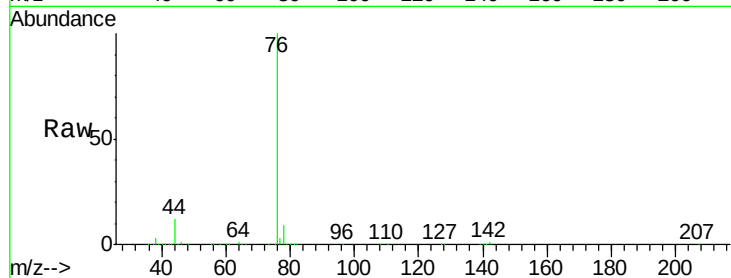
78 9.1 7.2 10.8

Manual Integrations

APPROVED

MMDadoda

11/23/2020 3:50:43 PM



#18

Methyl Acetate

Concen: 51.683 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX019494.D

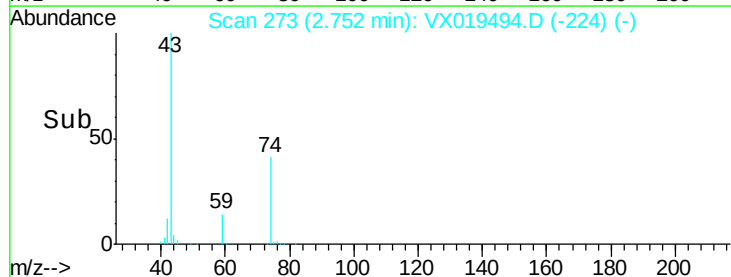
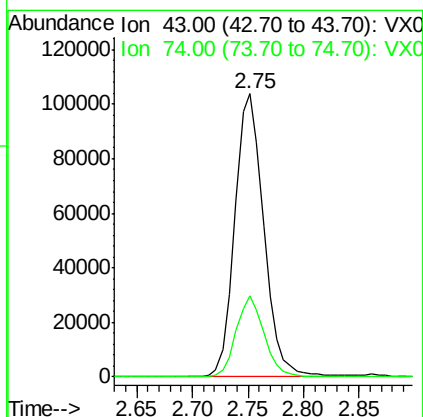
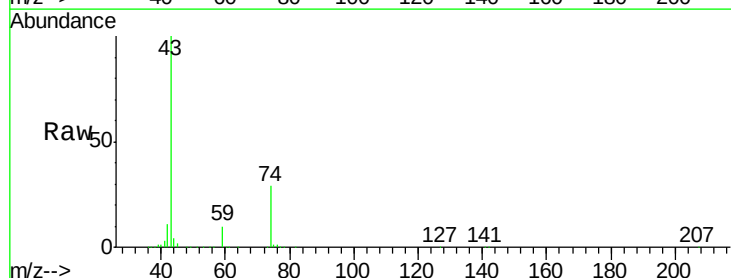
Acq: 20 Nov 2020 12:28

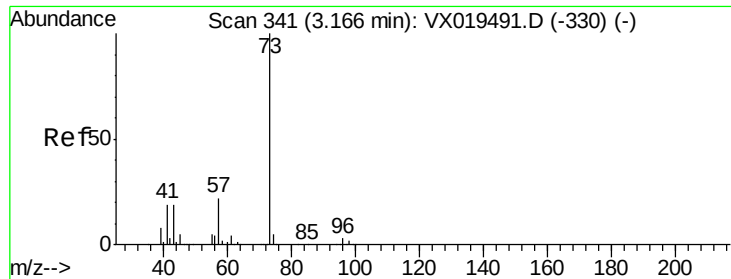
Tgt Ion: 43 Resp: 185943

Ion Ratio Lower Upper

43 100

74 28.1 22.2 33.4





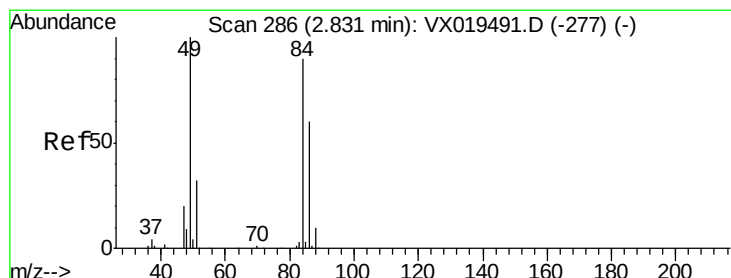
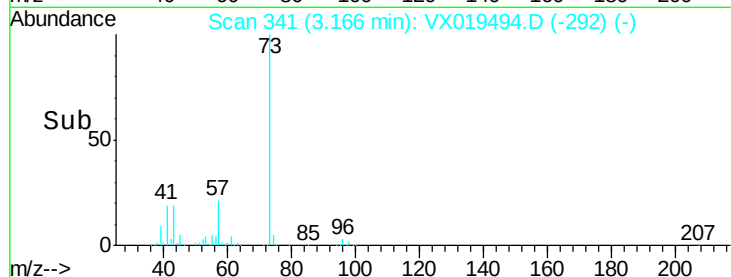
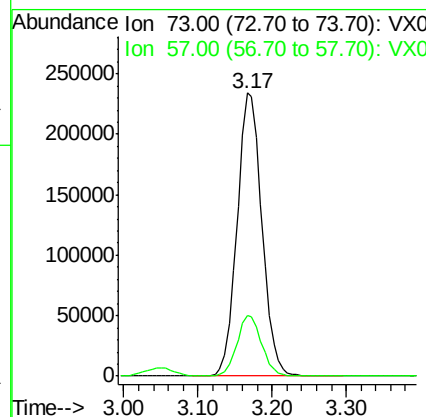
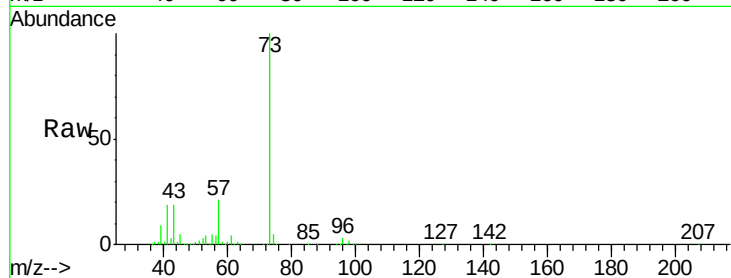
#19
Methyl tert-butyl Ether
Concen: 54.609 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112120

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.3	25.9

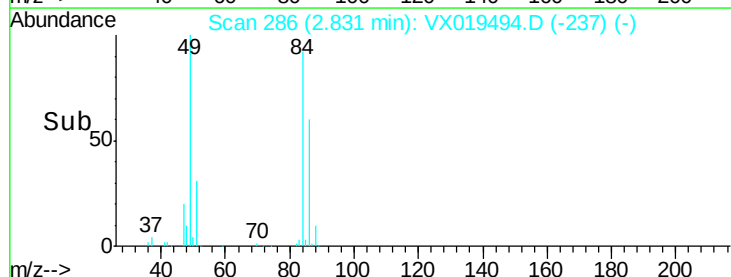
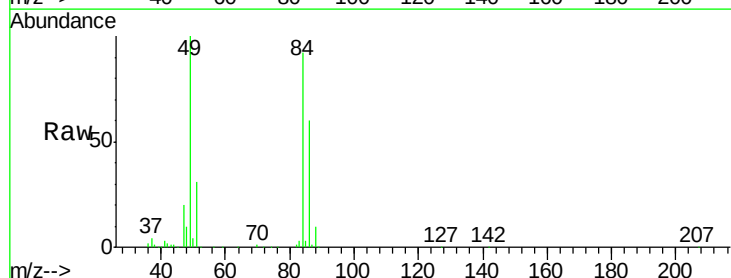
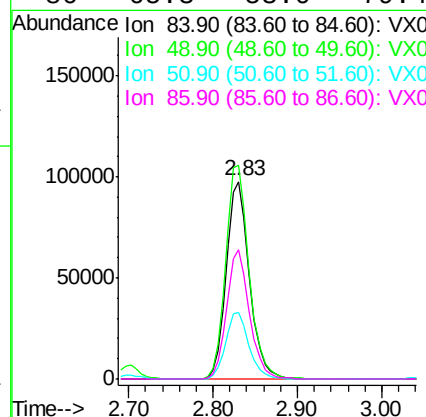
Manual Integrations
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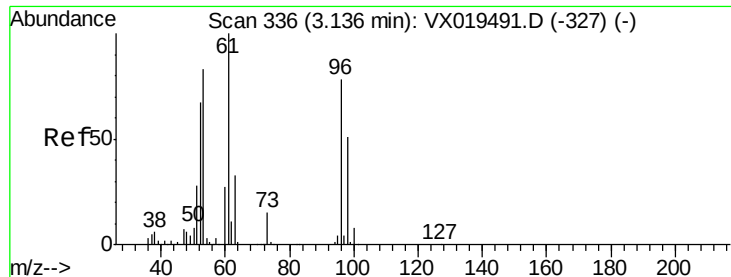
MMDadoda
11/23/2020 3:50:43 PM



#20
Methylene Chloride
Concen: 50.263 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Tgt Ion	Ratio	Lower	Upper
84	100		
49	108.4	88.5	132.7
51	34.0	28.0	42.0
86	65.3	53.0	79.4





#21

trans-1,2-Dichloroethene

Concen: 53.625 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

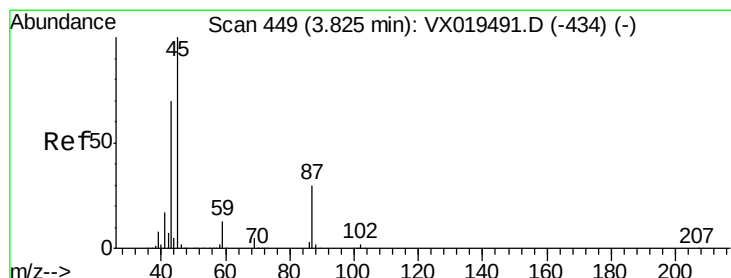
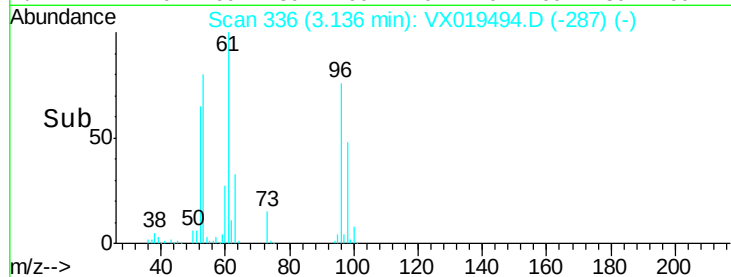
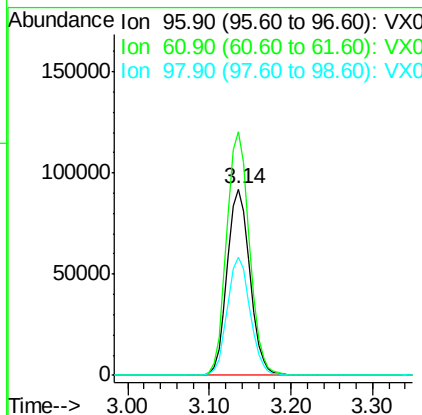
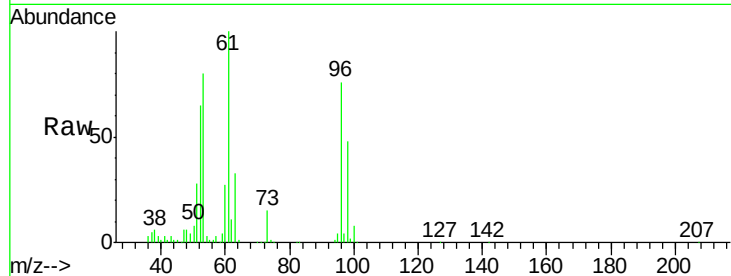
ClientSampleId :

ICVVX112120

Tot Ion:	96	Resp:	176444
Ion	Ratio	Lower	Upper
96	100		
61	130.8	102.9	154.3
98	63.3	52.1	78.1

Manual Integrations
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MMDadoda
11/23/2020 3:50:43 PM



#22

Diisopropyl ether

Concen: 53.885 ug/l

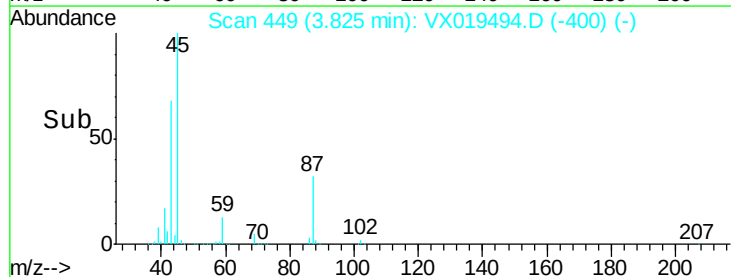
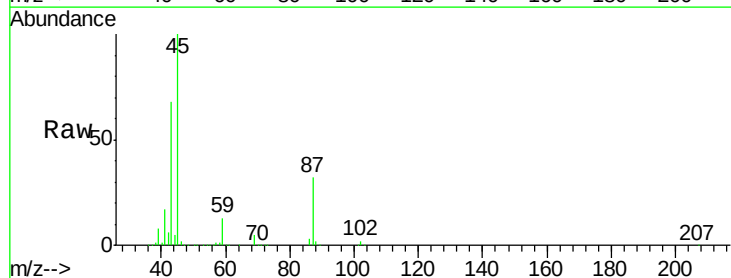
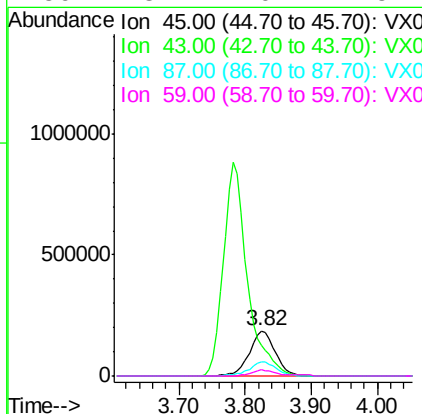
RT: 3.82 min Scan# 449

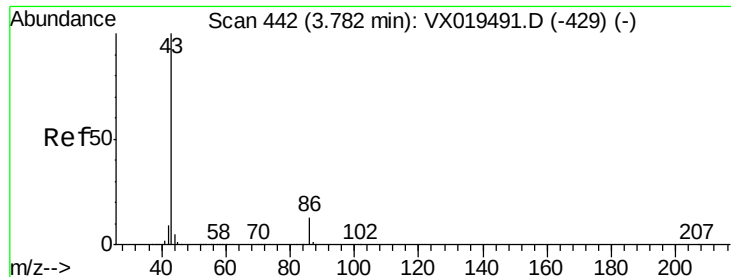
Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Tgt Ion:	45	Resp:	507139
Ion	Ratio	Lower	Upper
45	100		
43	68.3	56.1	84.1
87	31.8	24.2	36.2
59	13.1	10.2	15.2





#23

Vinyl Acetate

Concen: 281.087 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112120

Tot Ion: 43 Resp: 2218963

Ion Ratio Lower Upper

43 100

86 12.6

10.2

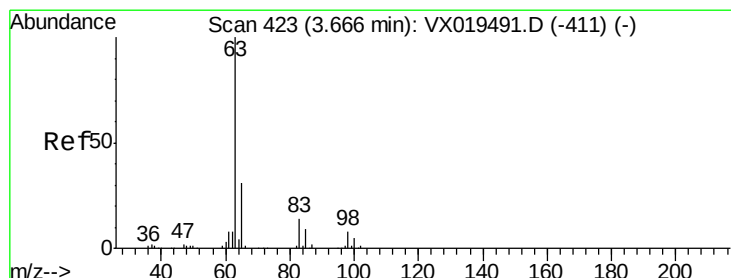
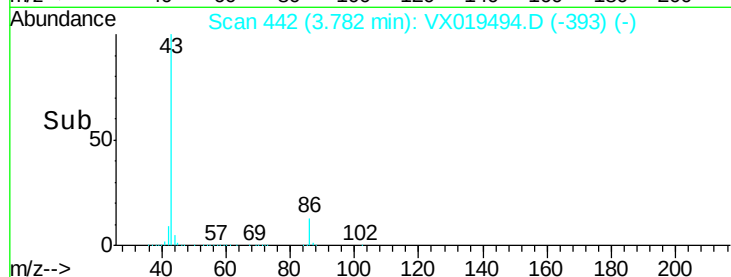
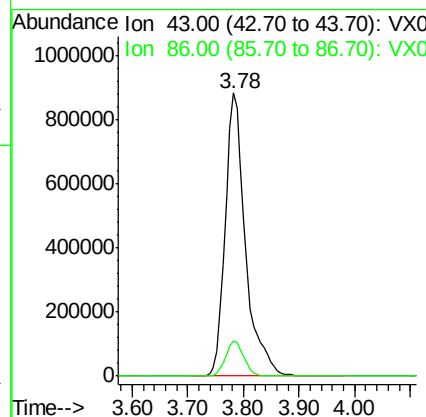
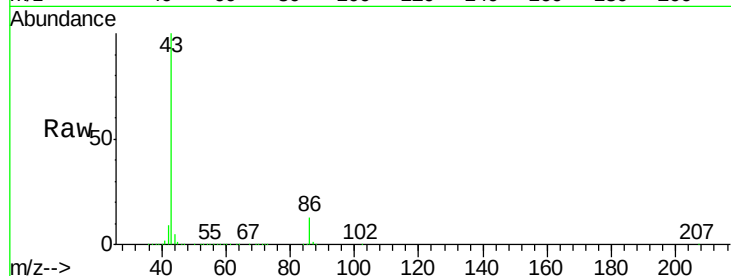
15.2

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#24

1,1-Dichloroethane

Concen: 53.030 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Tgt Ion: 63 Resp: 305272

Ion Ratio Lower Upper

63 100

98 7.6

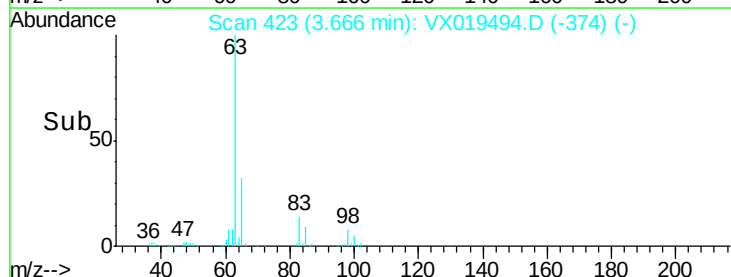
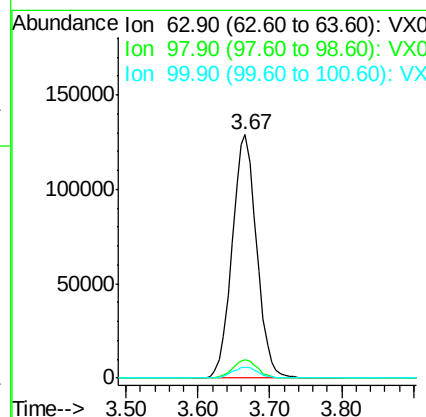
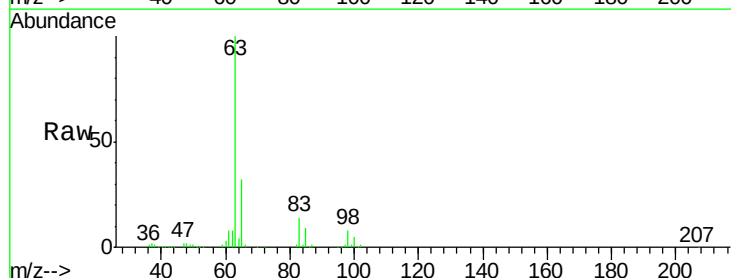
3.9

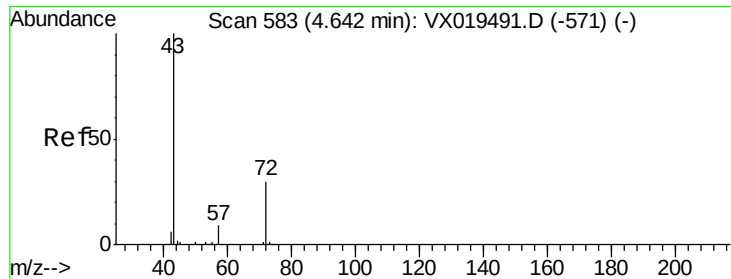
11.7

100 4.6

2.4

7.1





#25

2-Butanone

Concen: 276.164 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112120

Tot Ion: 43 Resp: 608469

Ion Ratio Lower Upper

43 100

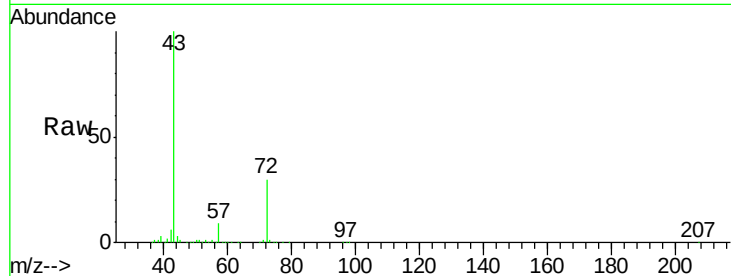
72 29.8 24.0 36.0

Manual Integrations

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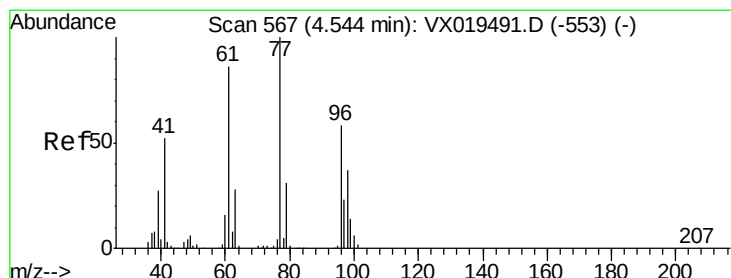
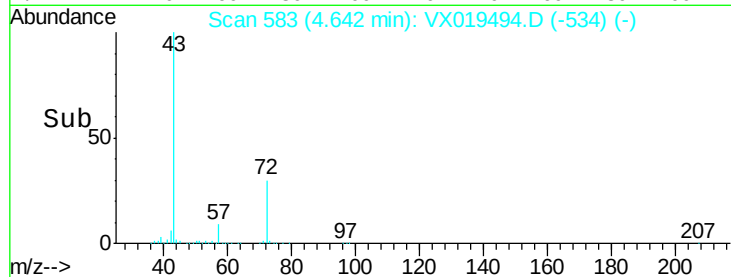
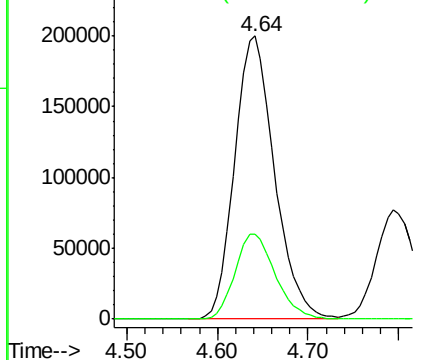
MMDadoda

11/23/2020 3:50:43 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 54.310 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019494.D

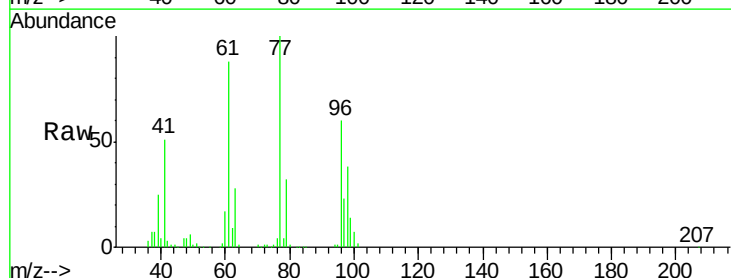
Acq: 20 Nov 2020 12:28

Tgt Ion: 77 Resp: 272888

Ion Ratio Lower Upper

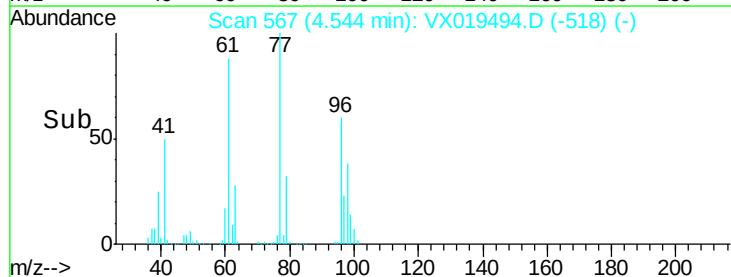
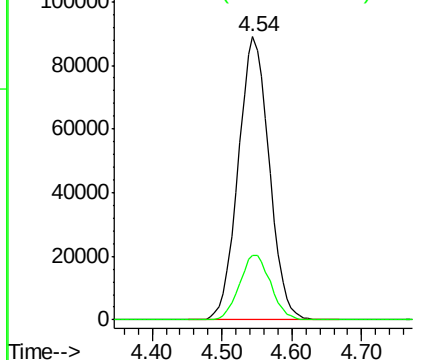
77 100

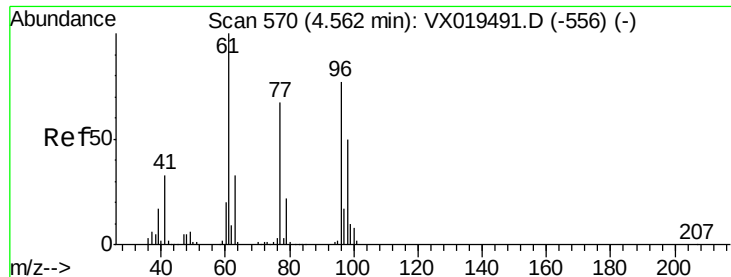
97 23.1 11.6 34.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

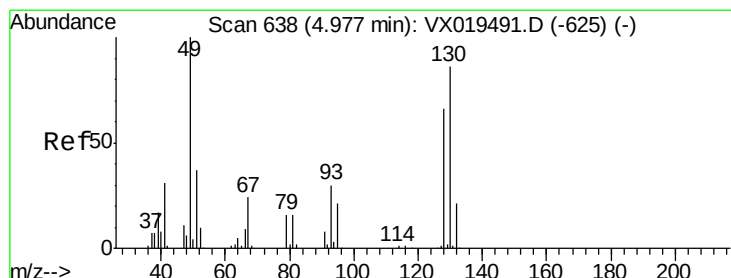
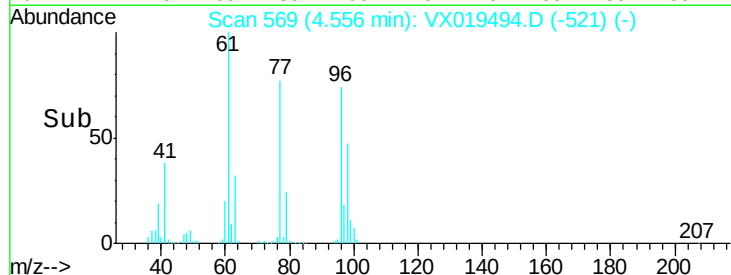
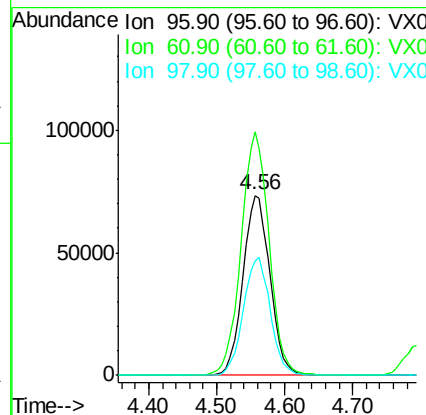
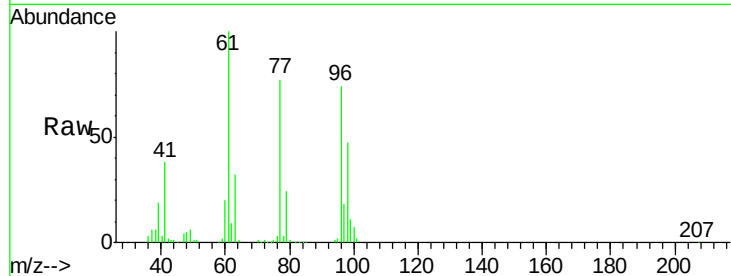
cis-1,2-Dichloroethene
Concen: 53.476 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112120

Tot Ion	Ratio	Resp	Lower	Upper
96	100	202115		
61	140.5	0.0	279.2	
98	65.3	0.0	129.8	

Manual Integrations
APPROVED

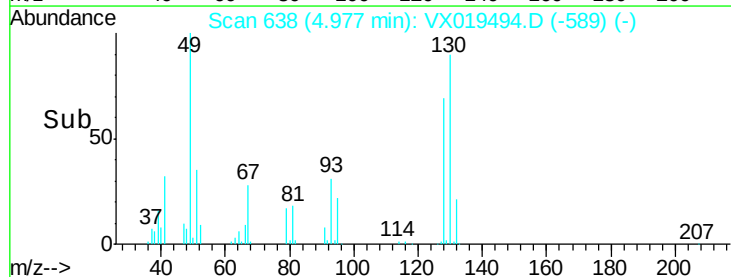
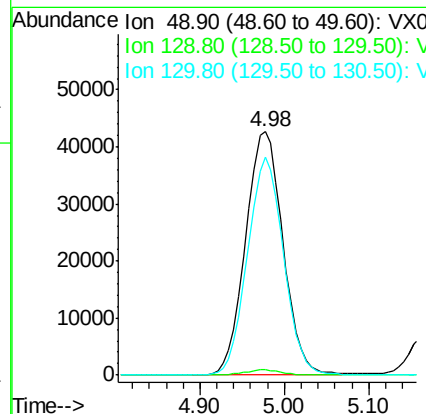
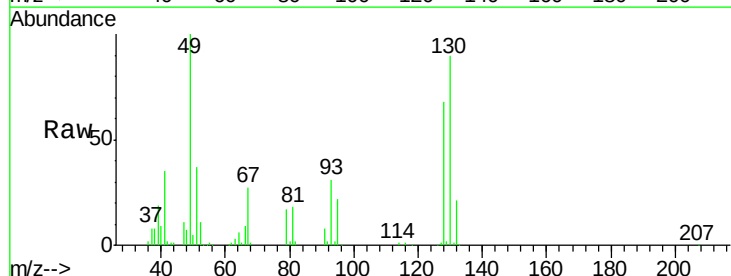
MMDadoda
11/23/2020 3:50:43 PM

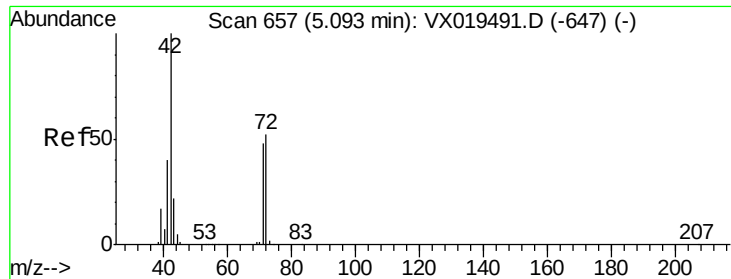


#28

Bromochloromethane
Concen: 46.786 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	128764		
129	2.1	0.0	4.2	
130	86.6	69.0	103.6	





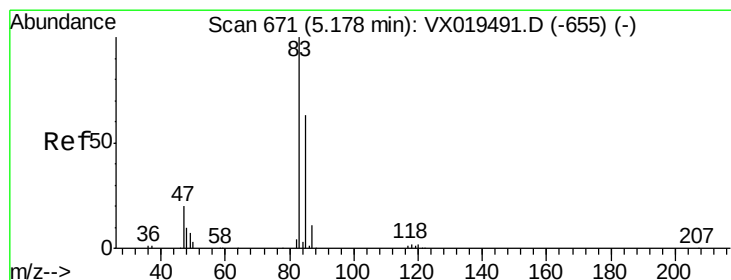
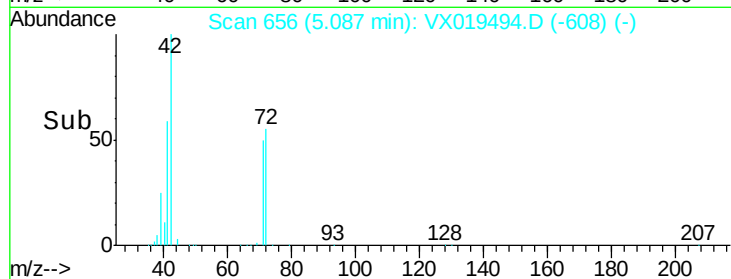
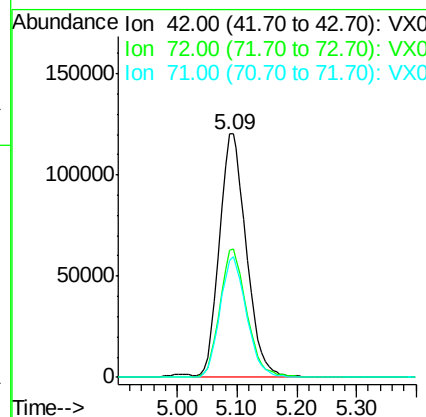
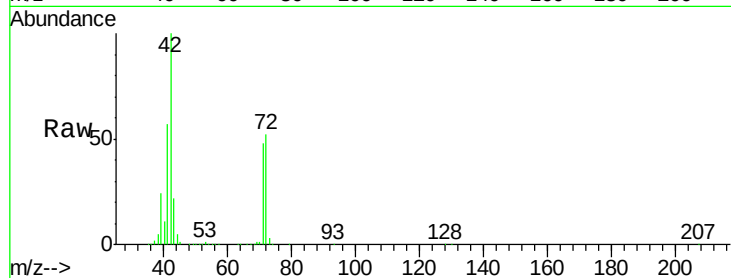
#29
Tetrahydrofuran
Concen: 266.904 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112120

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.8	42.6	63.8
71	48.9	39.0	58.6

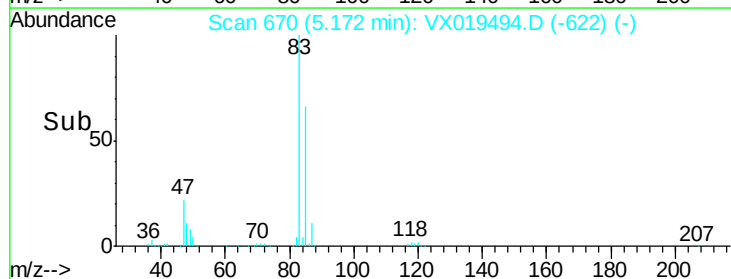
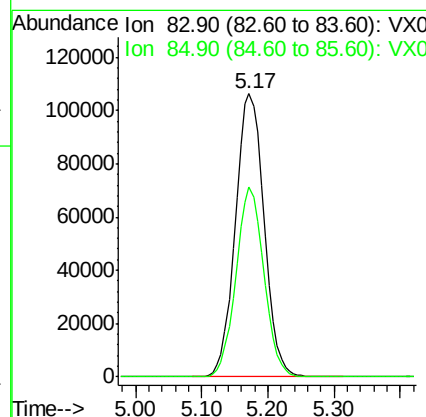
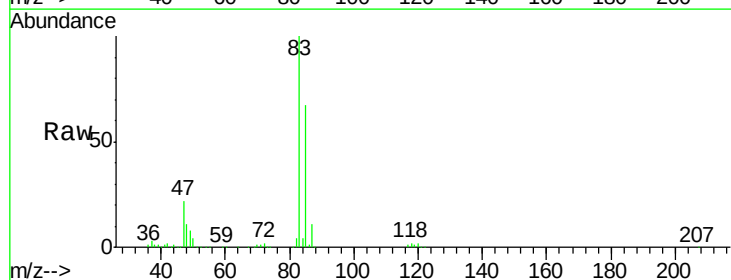
Manual Integrations
APPROVED

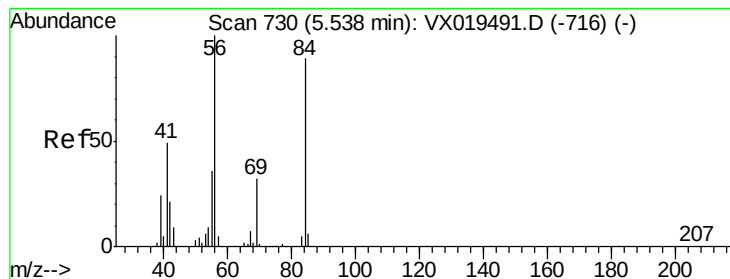
MMDadoda
11/23/2020 3:50:43 PM



#30
Chloroform
Concen: 53.174 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.1	50.5	75.7





#31

Cyclohexane

Concen: 53.691 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

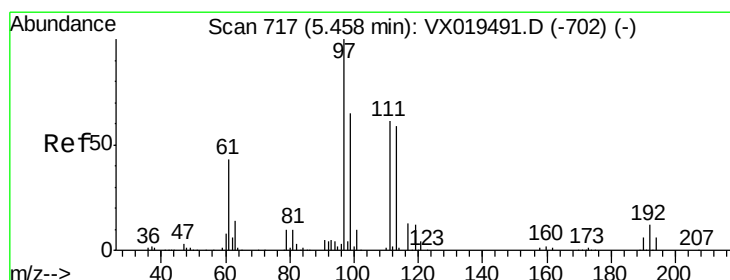
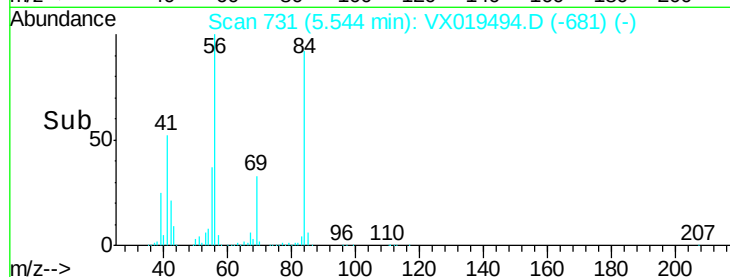
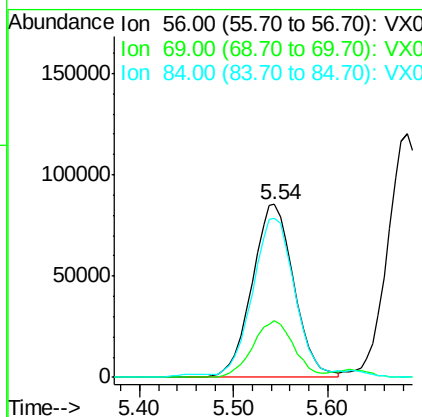
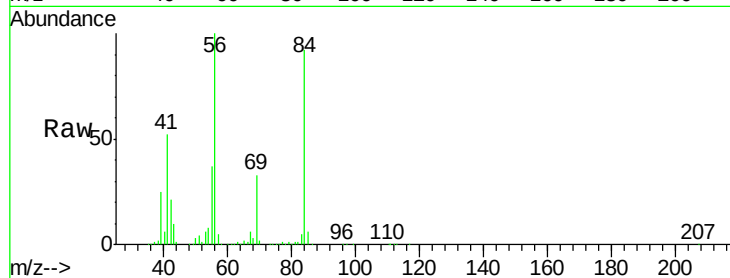
ClientSampleId :

ICVVX112120

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.1	25.5	38.3
84	90.7	71.1	106.7

Manual Integrations
APPROVED

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11/23/2020 3:50:43 PM



#32

1,1,1-Trichloroethane

Concen: 54.004 ug/l

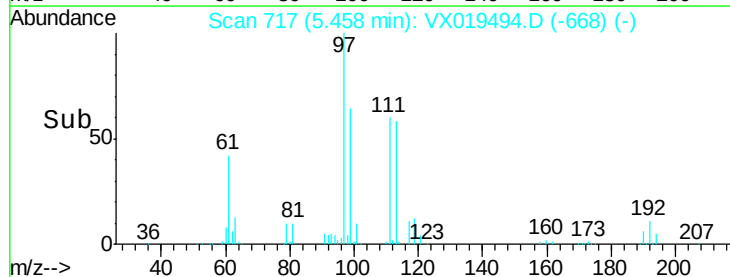
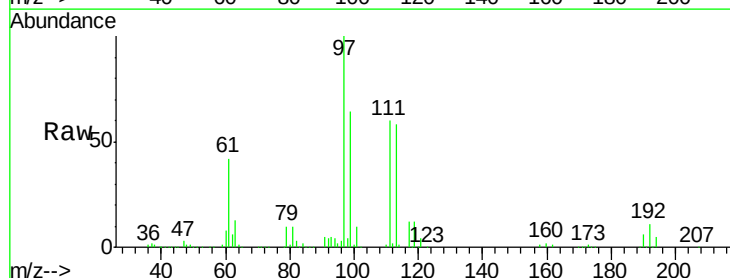
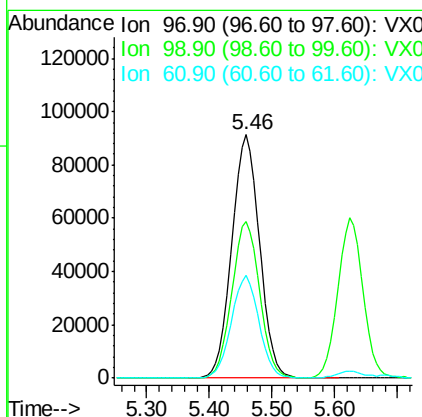
RT: 5.46 min Scan# 717

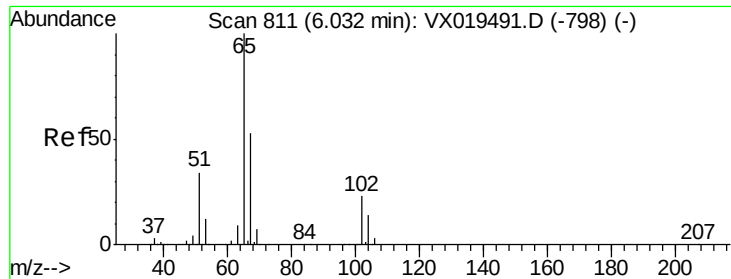
Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.0
61	41.9	34.2	51.2





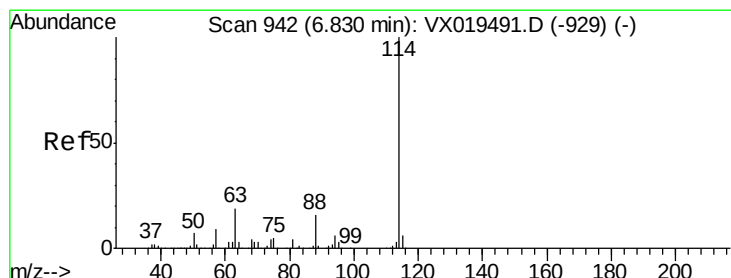
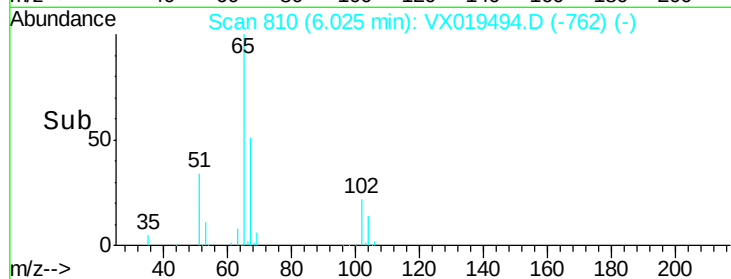
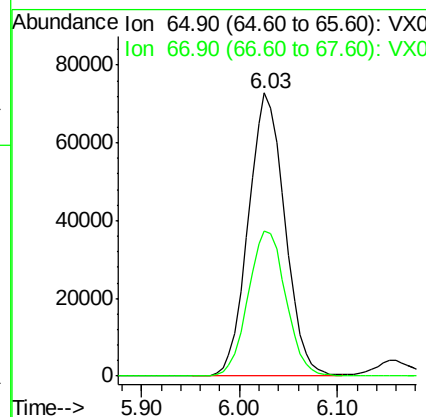
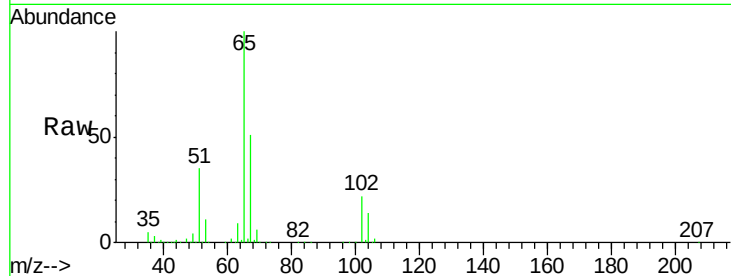
#33
 1,2-Dichloroethane-d4
 Concen: 49.750 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019494.D
 Acq: 20 Nov 2020 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112120

Tot Ion	Ratio	Resp	Lower	Upper
65	100	188690		
67	52.9	0.0	105.0	

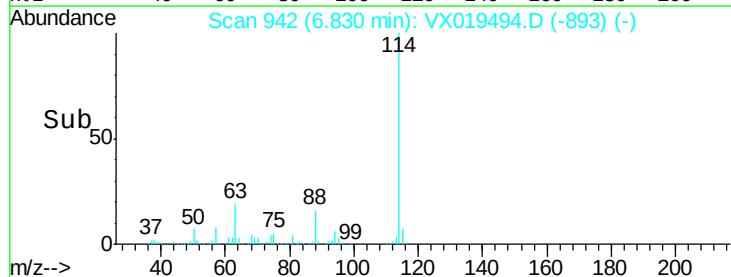
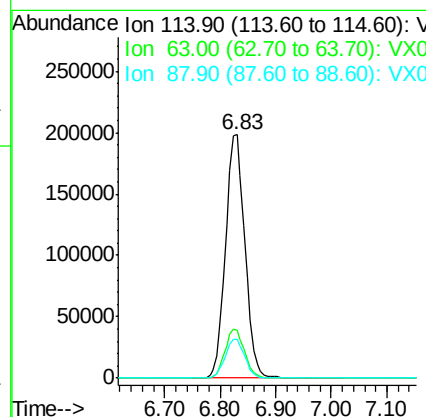
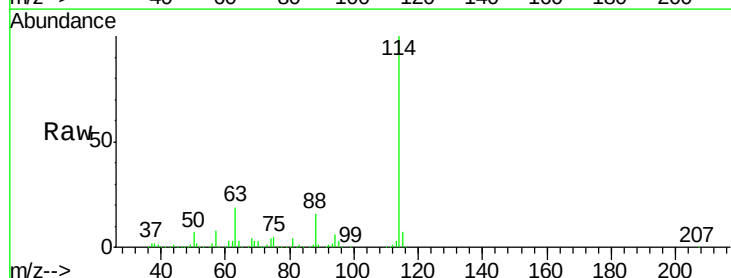
Manual Integrations
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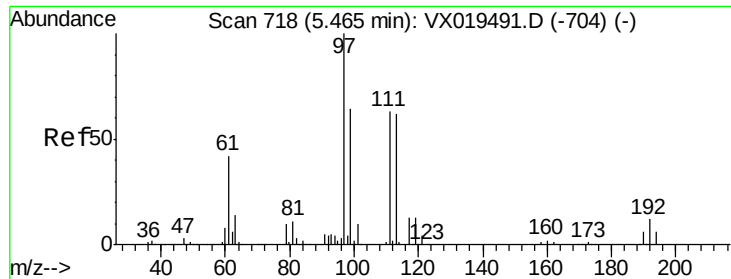
MMDadoda
 11/23/2020 3:50:43 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019494.D
 Acq: 20 Nov 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	478387		
63	19.4	0.0	38.8	
88	16.1	0.0	31.6	





#35

Dibromofluoromethane

Concen: 51.558 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

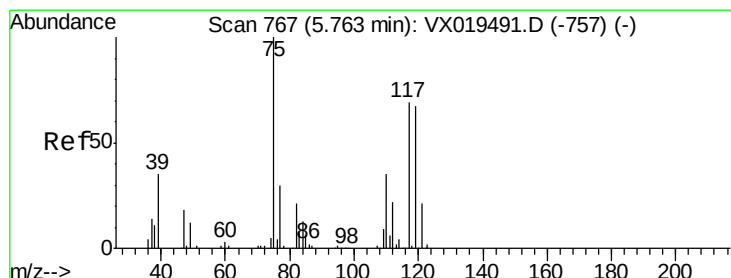
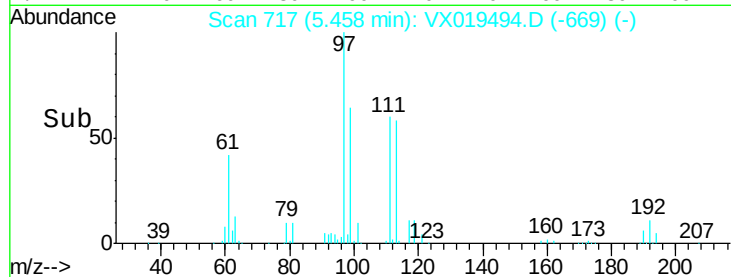
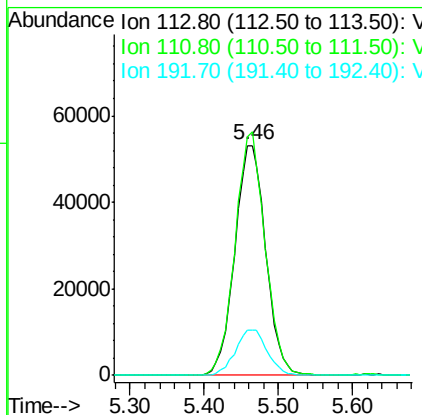
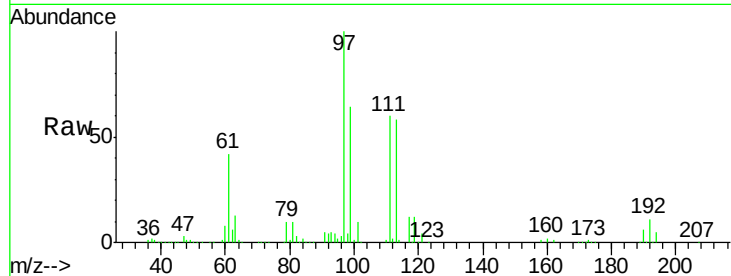
ClientSampleId :

ICVVX112120

Tot Ion:	113	Resp:	154821
Ion Ratio	Lower	Upper	
113	100		
111	102.5	81.5	122.3
192	20.2	16.2	24.2

Manual Integrations
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11/23/2020 3:50:43 PM



#36

1,1-Dichloropropene

Concen: 54.085 ug/l

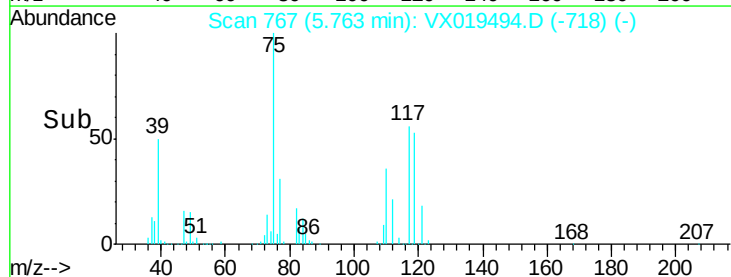
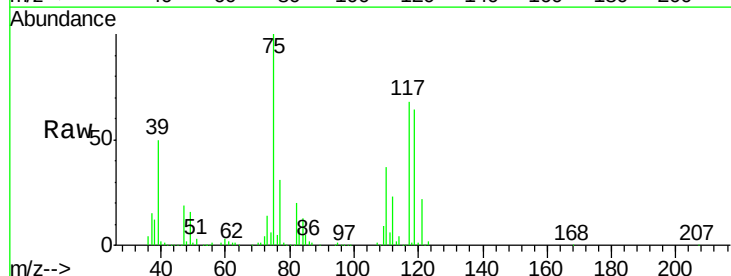
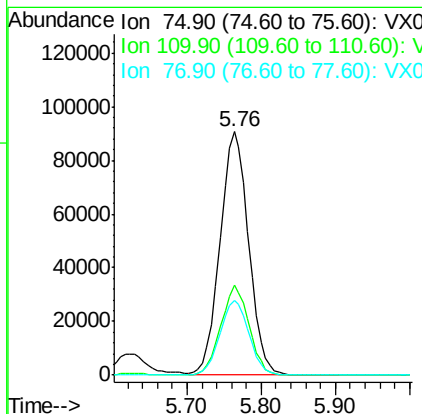
RT: 5.76 min Scan# 767

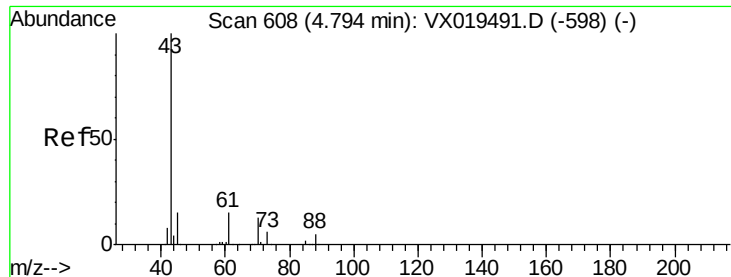
Delta R.T. 0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Tgt Ion:	75	Resp:	242566
Ion Ratio	Lower	Upper	
75	100		
110	36.3	18.1	54.3
77	31.0	24.2	36.4





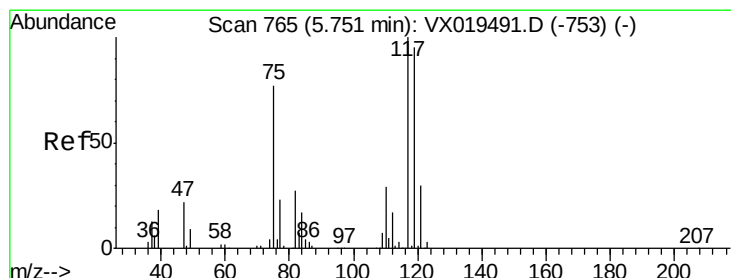
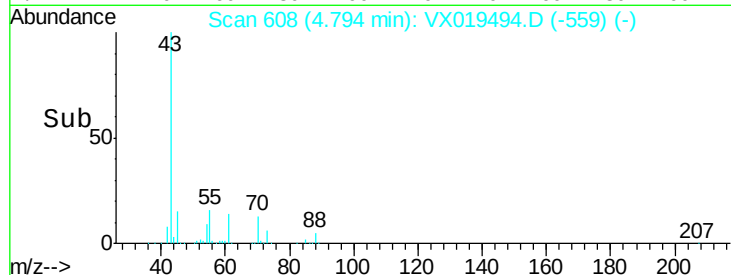
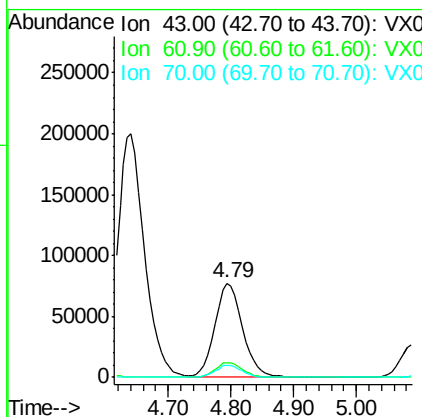
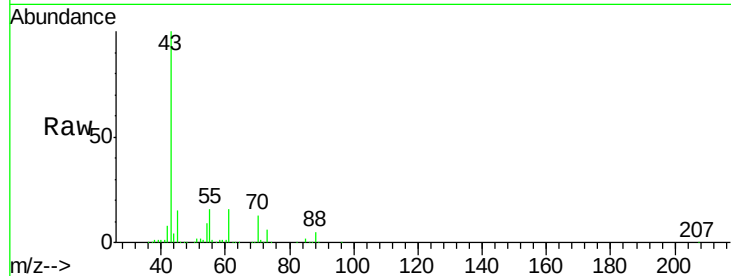
#37
Ethyl Acetate
Concen: 55.942 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112120

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.7	19.1
70	12.6	10.2	15.2

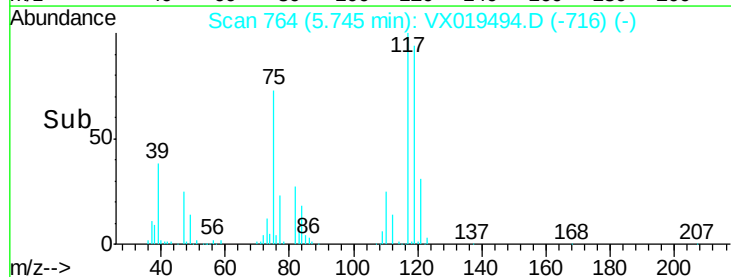
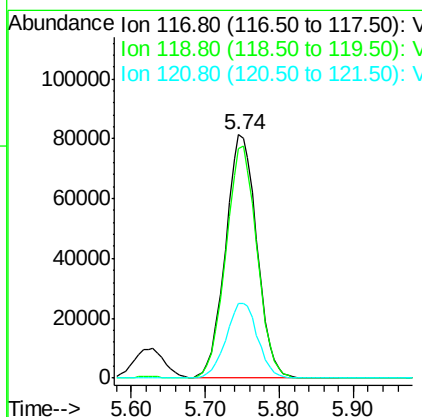
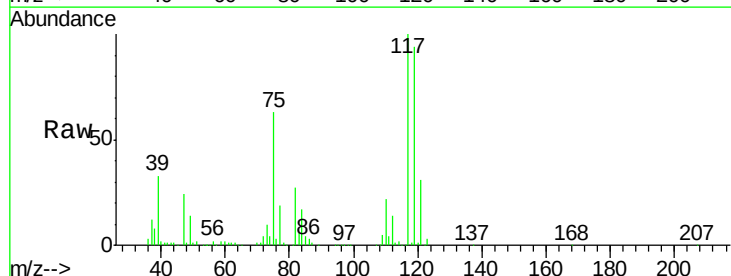
Manual Integrations
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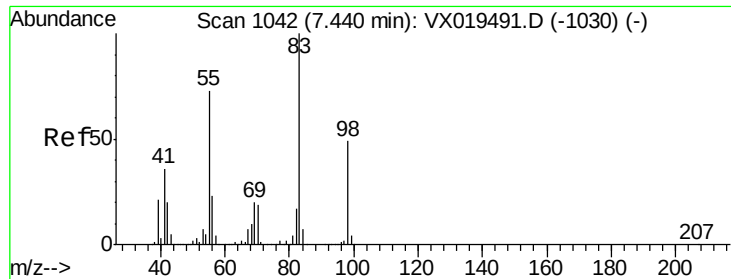
MMDadoda
11/23/2020 3:50:43 PM



#38
Carbon Tetrachloride
Concen: 55.139 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	75.9	113.9
121	30.9	24.0	36.0





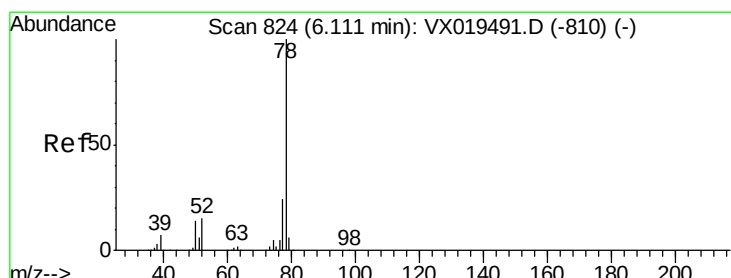
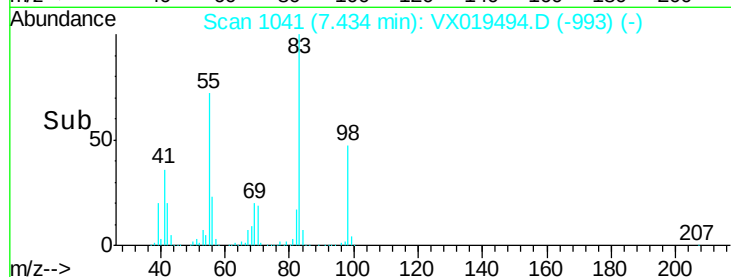
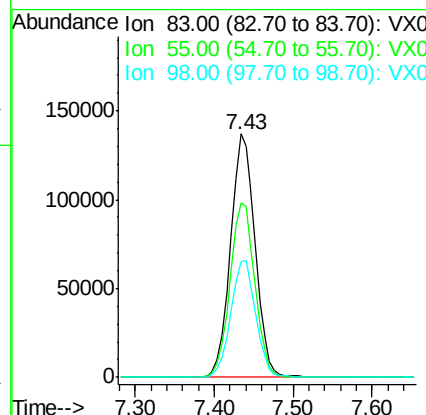
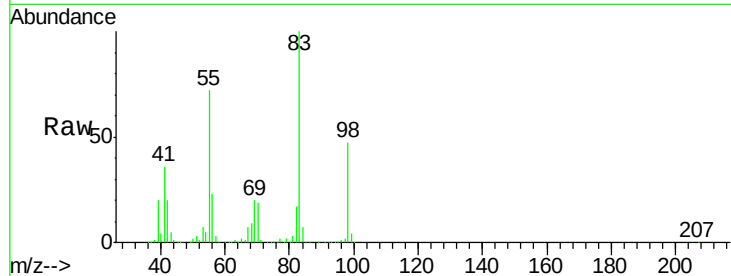
#39
Methylvlcyclohexane
Concen: 56.785 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112120

Tot Ion	Ratio	Resp	Lower	Upper
83	100	296532		
55	71.7		58.3	87.5
98	47.4		38.9	58.3

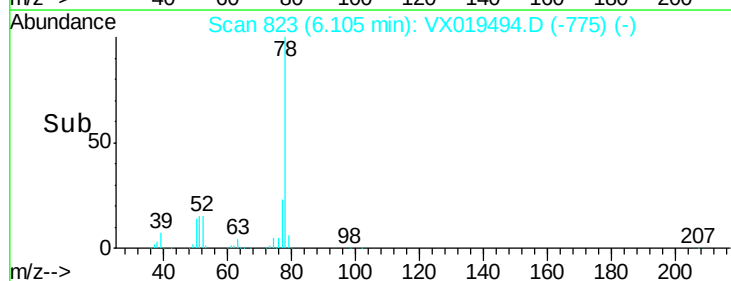
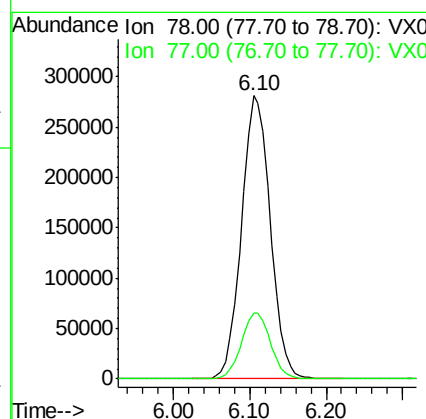
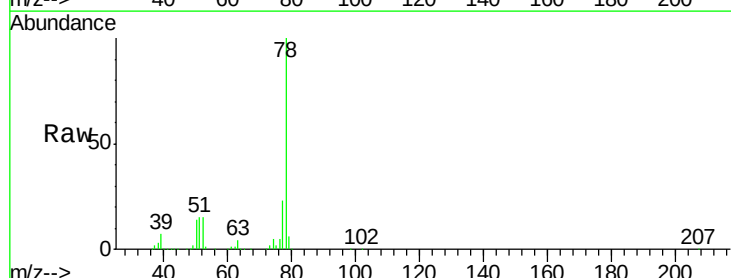
Manual Integrations
APPROVED

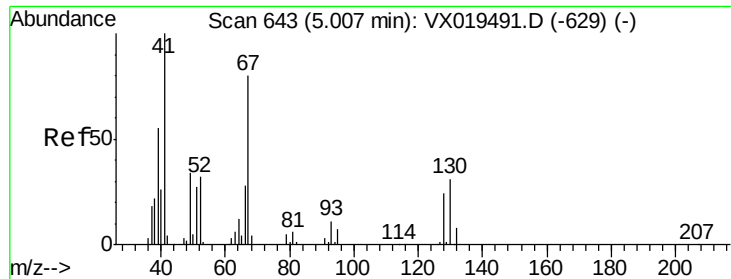
MMDadoda
11/23/2020 3:50:43 PM



#40
Benzene
Concen: 53.287 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	734290		
77	23.2		18.9	28.3





#41

Methacrylonitrile

Concen: 52.409 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

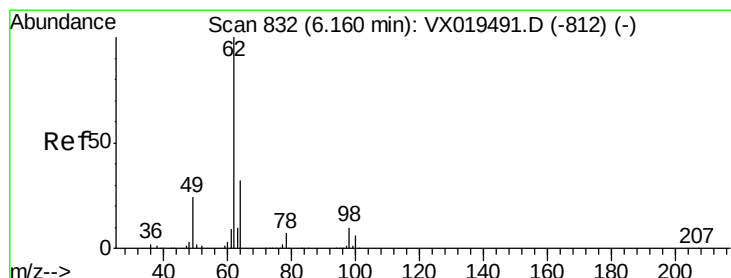
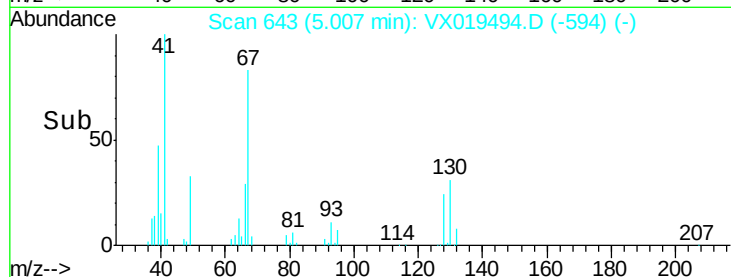
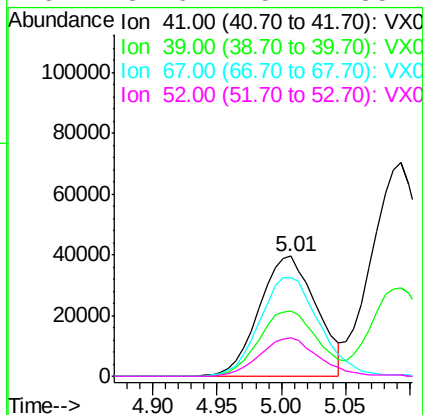
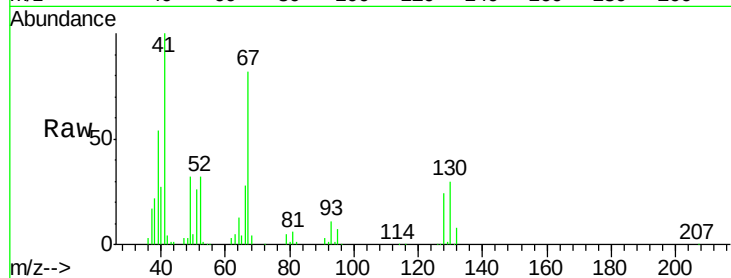
ClientSampleId :

ICVVX112120

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		121684		
39	56.4	43.3	64.9		
67	86.6	66.0	99.0		
52	32.6	25.4	38.2		

Manual Integrations
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11/23/2020 3:50:43 PM



#42

1,2-Dichloroethane

Concen: 53.051 ug/l

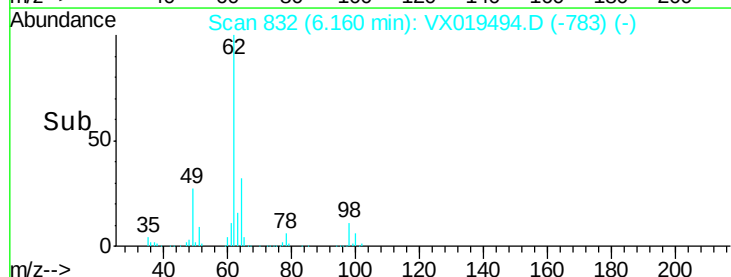
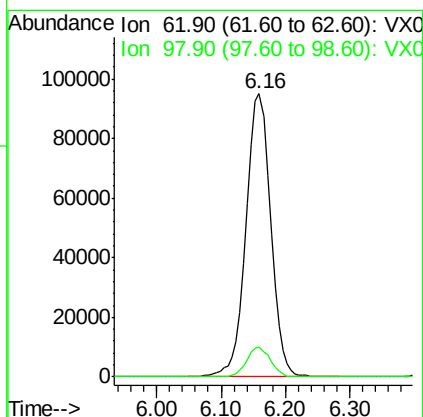
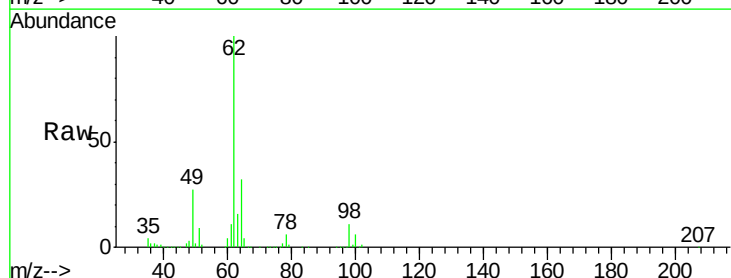
RT: 6.16 min Scan# 832

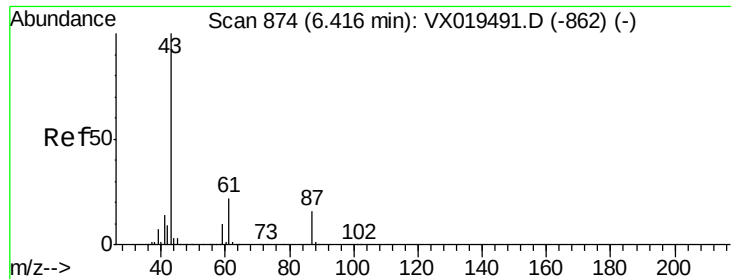
Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		250567		
98	10.2	0.0	20.0		





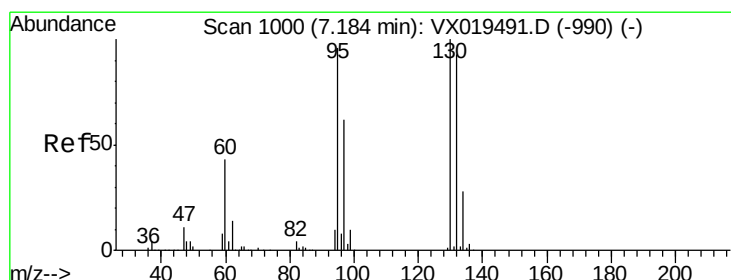
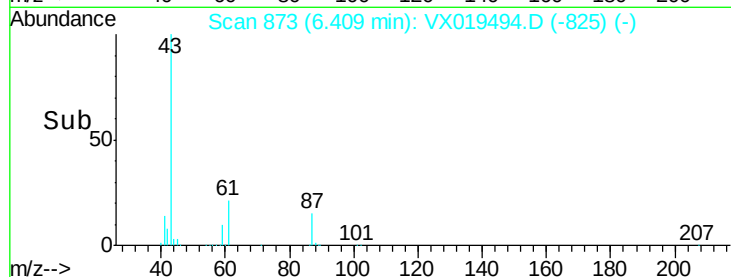
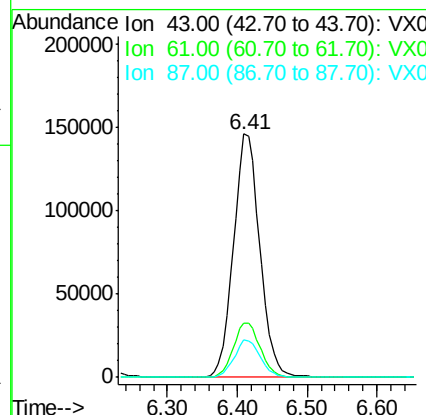
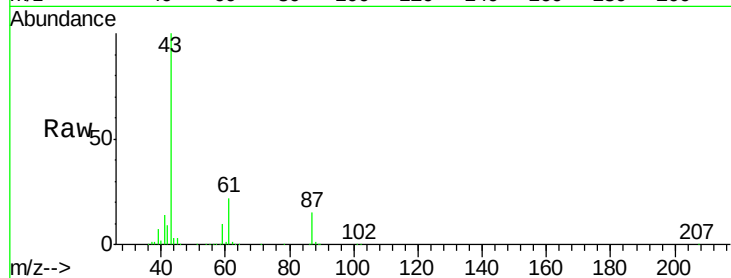
#43
Isopropyl Acetate
Concen: 53.807 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112120

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.9	18.2	27.2
87	15.4	12.6	18.8

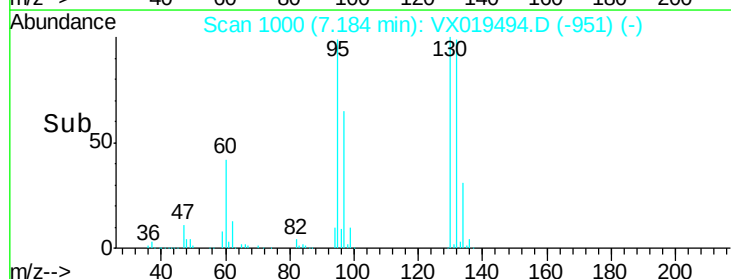
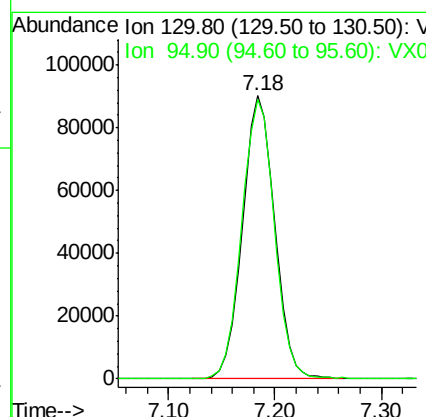
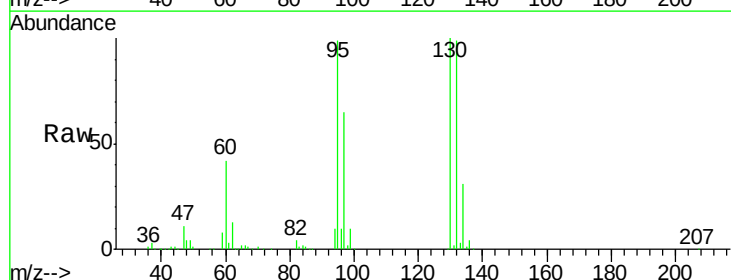
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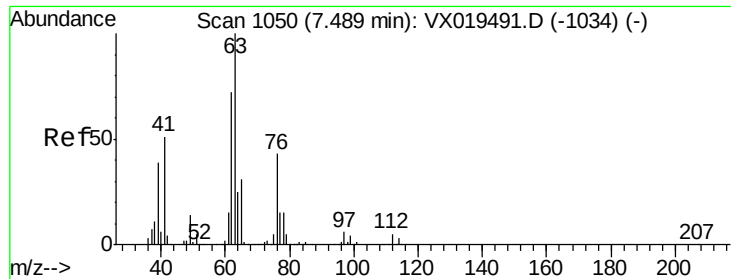
MMDadoda
11/23/2020 3:50:43 PM



#44
Trichloroethene
Concen: 53.098 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	191.2





#45

1,2-Dichloropropane

Concen: 54.126 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112120

Tot Ion: 63 Resp: 183615

Ion Ratio Lower Upper

63 100

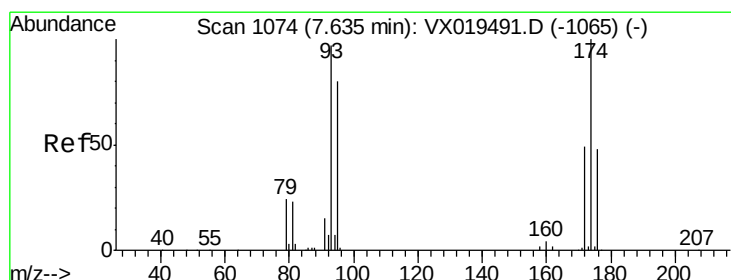
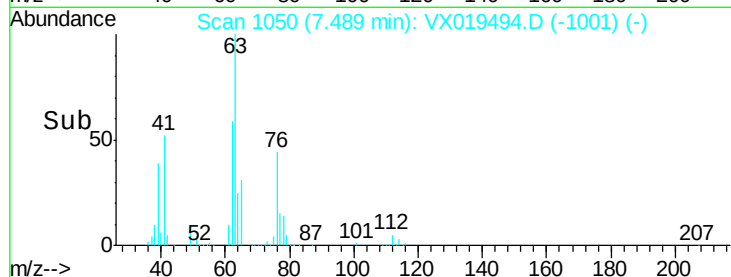
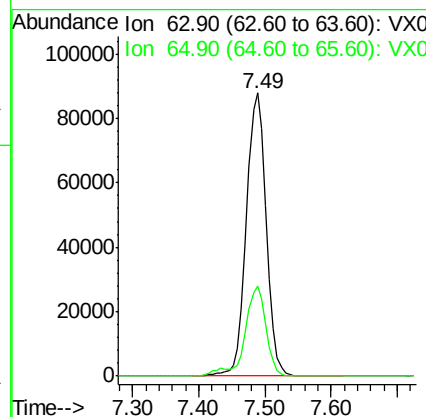
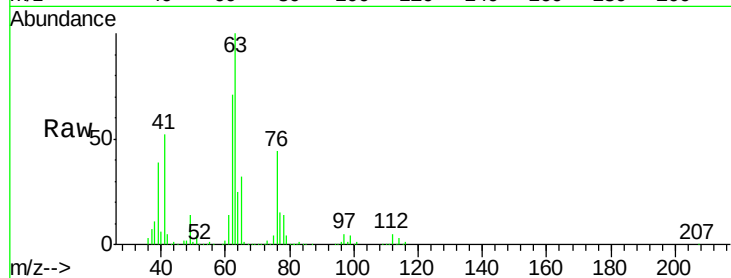
65 31.6 25.0 37.4

Manual Integrations

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MMDadoda

11/23/2020 3:50:43 PM



#46

Dibromomethane

Concen: 54.137 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

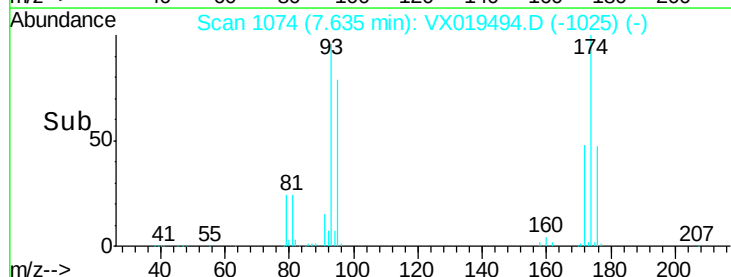
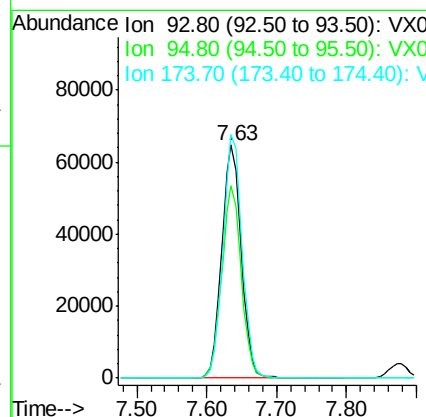
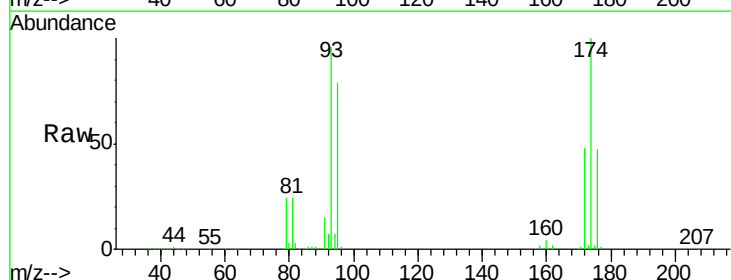
Tgt Ion: 93 Resp: 125696

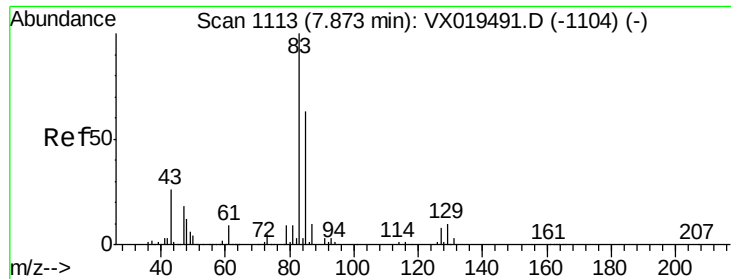
Ion Ratio Lower Upper

93 100

95 82.2 66.8 100.2

174 101.7 83.0 124.4





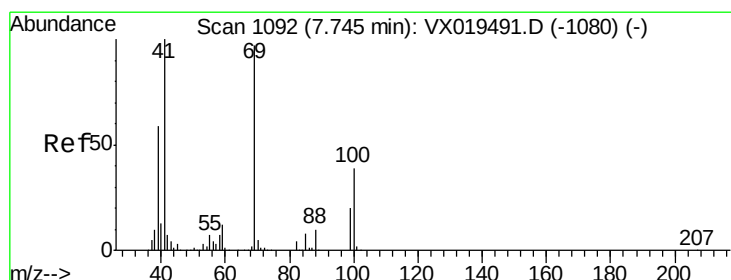
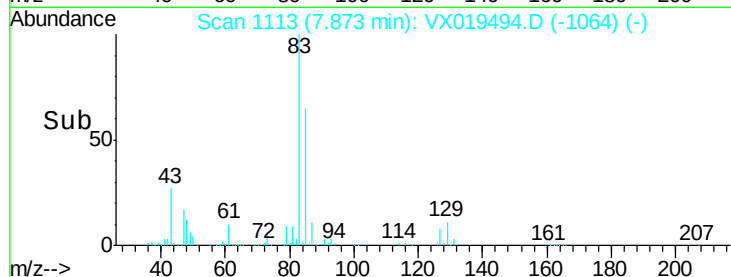
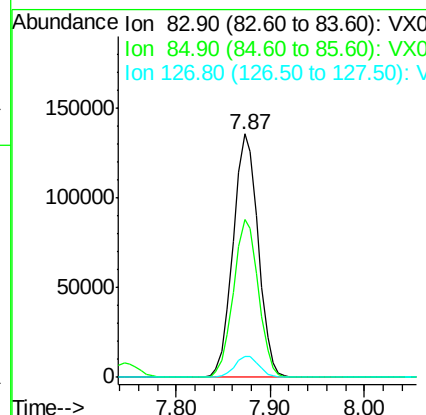
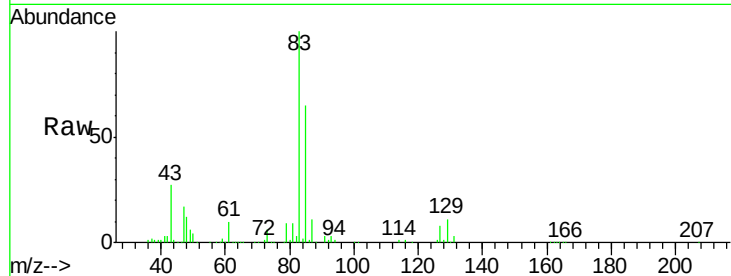
#47
Bromodichloromethane
Concen: 55.643 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112120

Tot Ion	Ratio	Resp	Lower	Upper
83	100	250691		
85	65.0		50.2	75.2
127	8.5		6.4	9.6

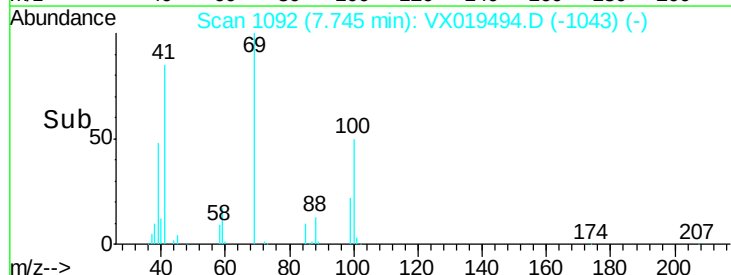
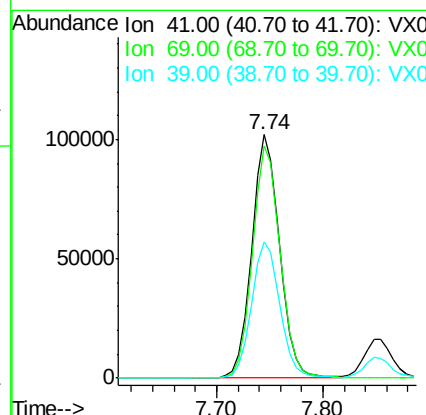
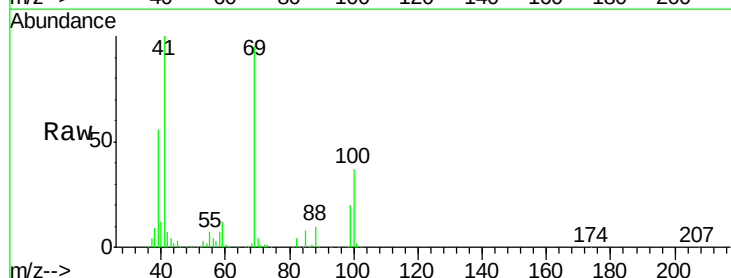
Manual Integrations
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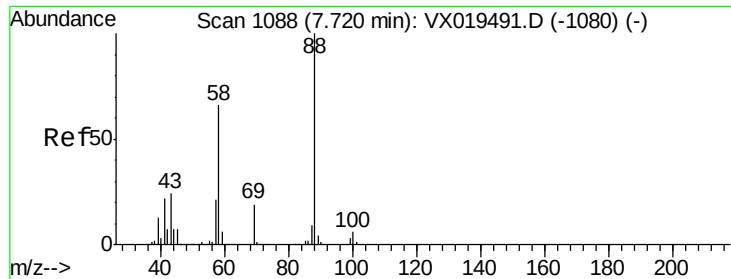
MMDadoda
11/23/2020 3:50:43 PM



#48
Methyl methacrylate
Concen: 56.244 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. -0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	186430		
69	95.6		77.0	115.6
39	56.8		45.6	68.4





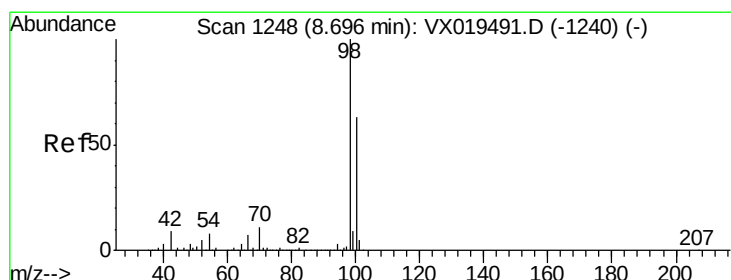
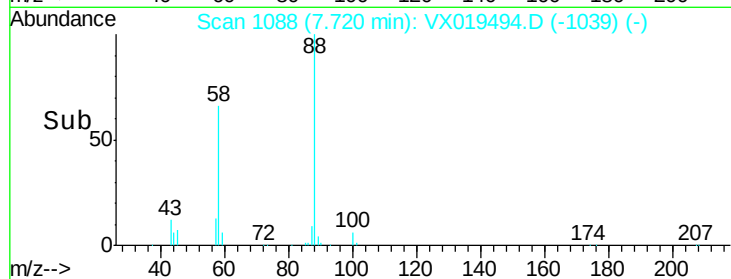
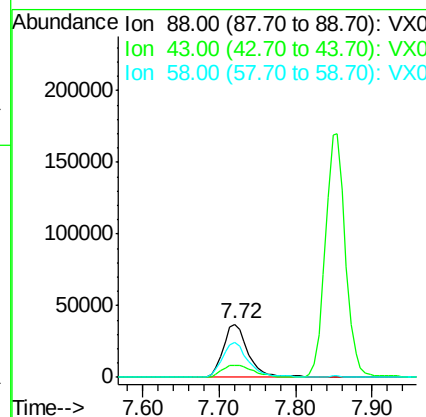
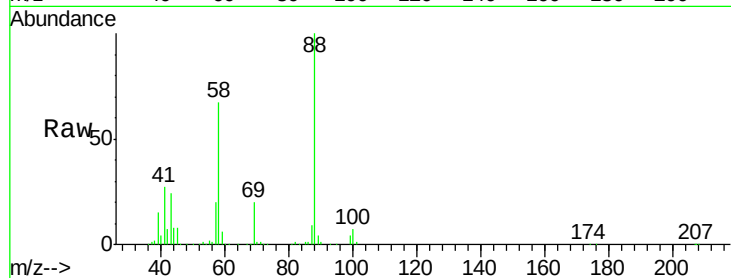
#49
1,4-Dioxane
Concen: 1115.993 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112120

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.3	23.8	35.6
58	68.0	54.2	81.2

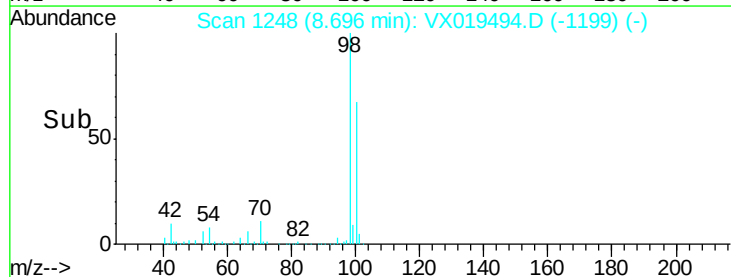
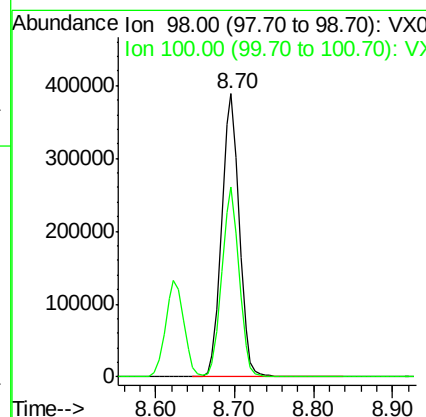
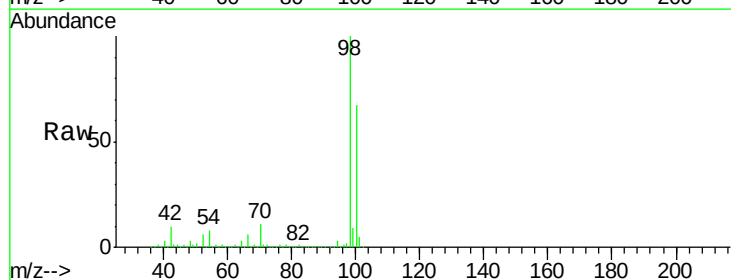
Manual Integrations
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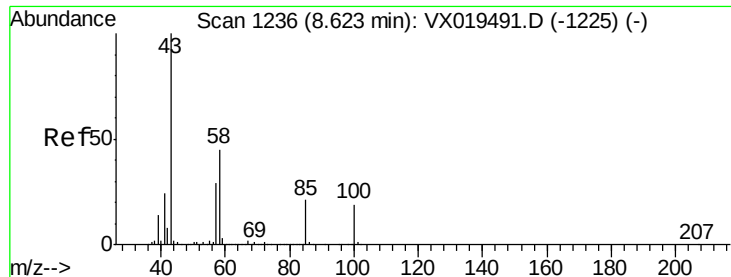
MMDadoda
11/23/2020 3:50:43 PM



#50
Toluene-d8
Concen: 51.721 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.4	78.6





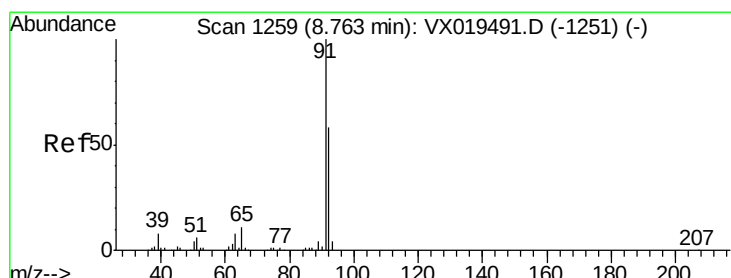
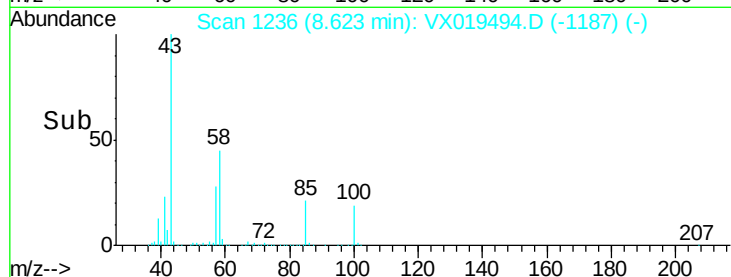
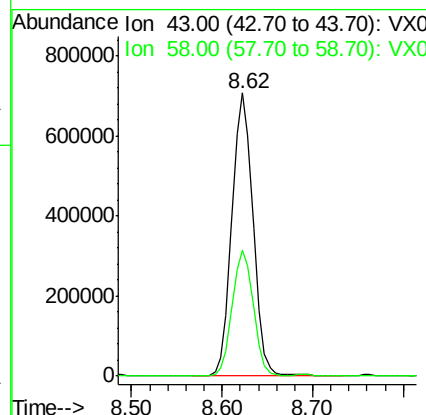
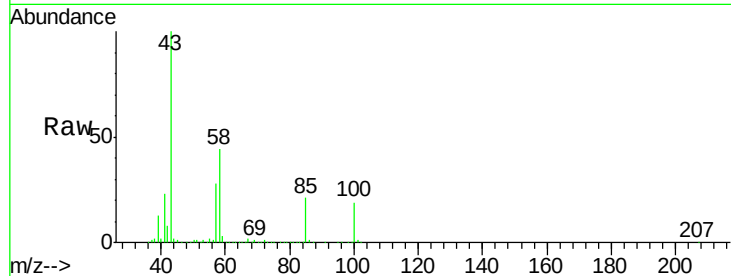
#51
 4-Methyl-2-Pentanone
 Concen: 277.351 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX019494.D
 Acq: 20 Nov 2020 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112120

Tot Ion: 43 Resp: 1144684
 Ion Ratio Lower Upper
 43 100
 58 44.4 35.1 52.7

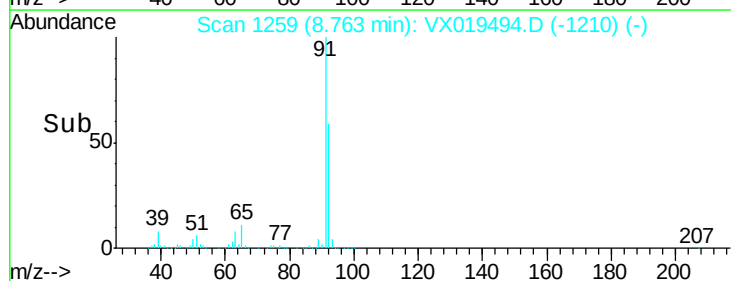
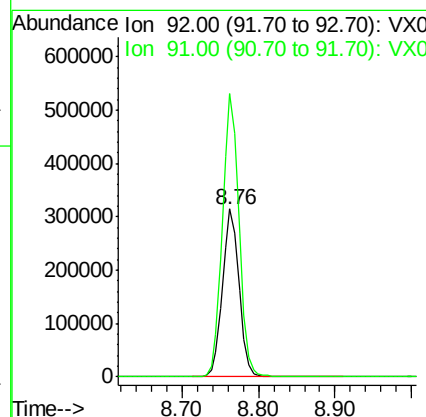
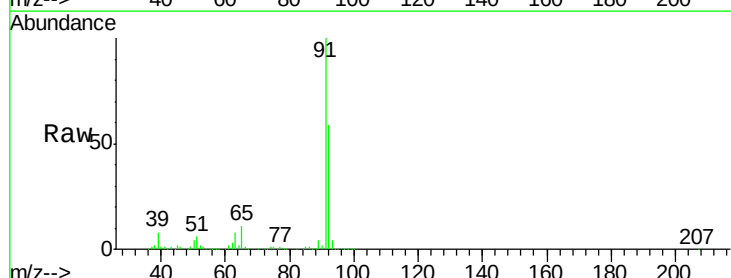
Manual Integrations
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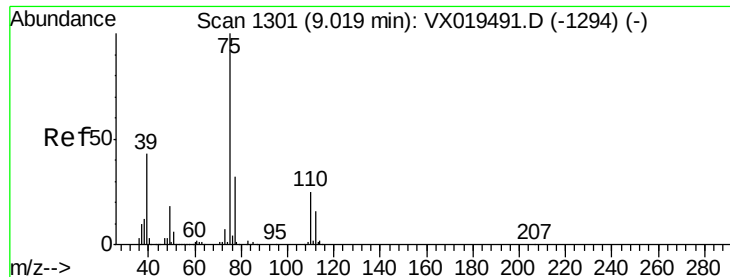
MMDadoda
 11/23/2020 3:50:43 PM



#52
 Toluene
 Concen: 55.978 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX019494.D
 Acq: 20 Nov 2020 12:28

Tgt Ion: 92 Resp: 471885
 Ion Ratio Lower Upper
 92 100
 91 168.9 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 57.860 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112120

Tot Ion: 75 Resp: 281532

Ion Ratio Lower Upper

75 100

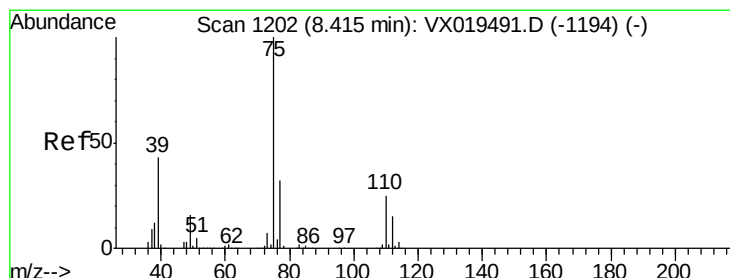
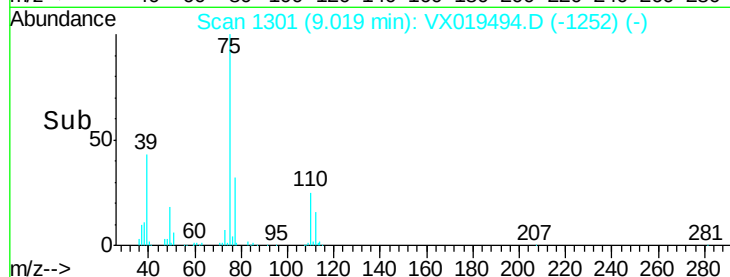
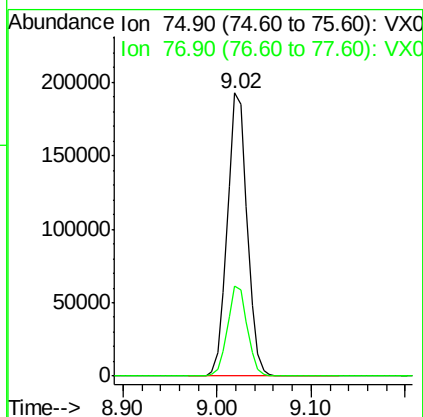
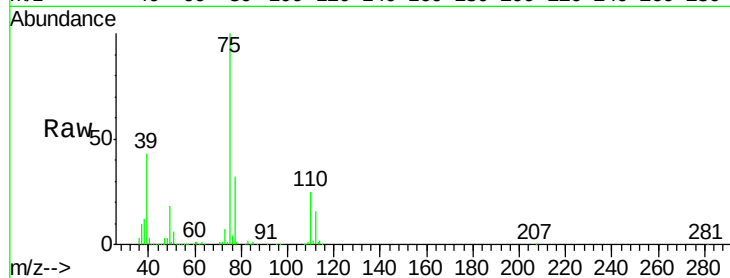
77 31.8 25.3 37.9

Manual Integrations

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MMDadoda

11/23/2020 3:50:43 PM



#54

cis-1,3-Dichloropropene

Concen: 57.057 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

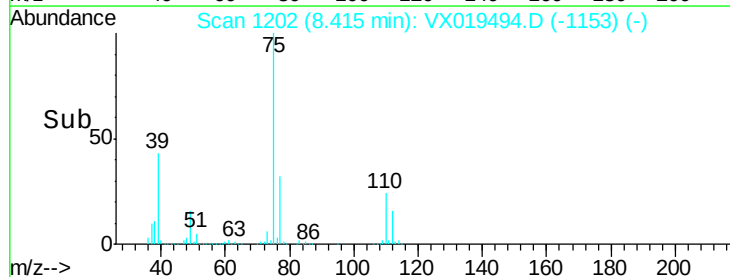
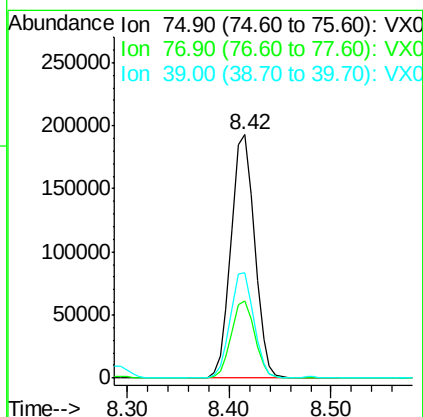
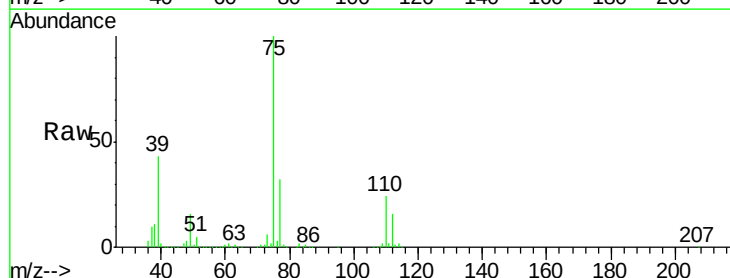
Tgt Ion: 75 Resp: 308092

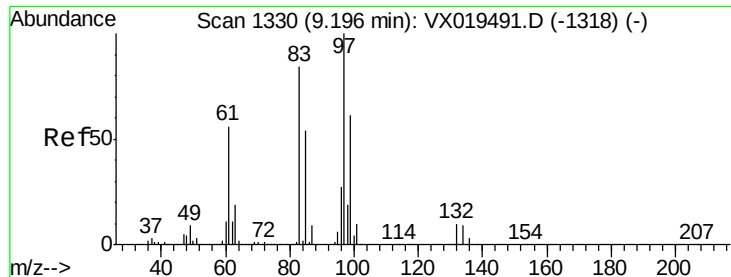
Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.6

39 43.3 34.6 51.8





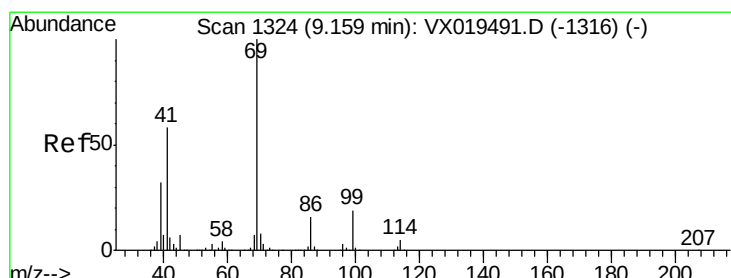
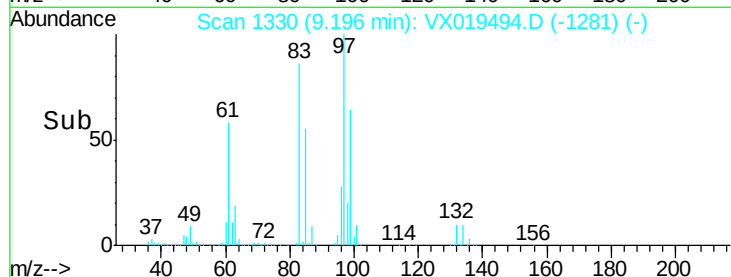
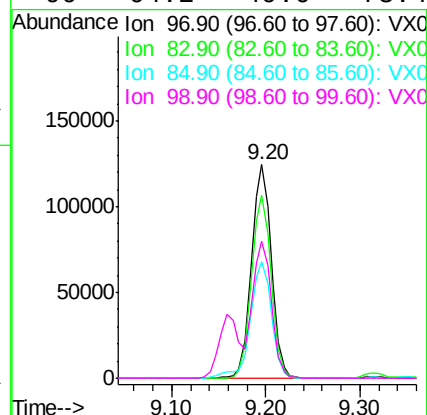
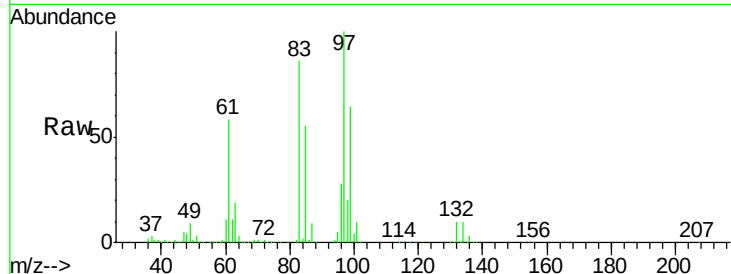
#55
 1,1,2-Trichloroethane
 Concen: 53.570 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019494.D
 Acq: 20 Nov 2020 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112120

Tot Ion:	97	Resp:	183912
Ion Ratio	Lower	Upper	
97	100		
83	85.6	67.0	100.6
85	54.7	43.4	65.0
99	64.2	49.0	73.4

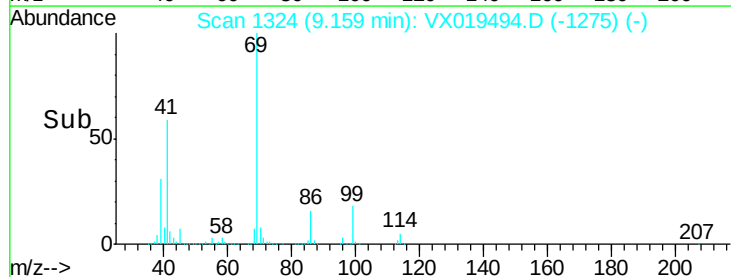
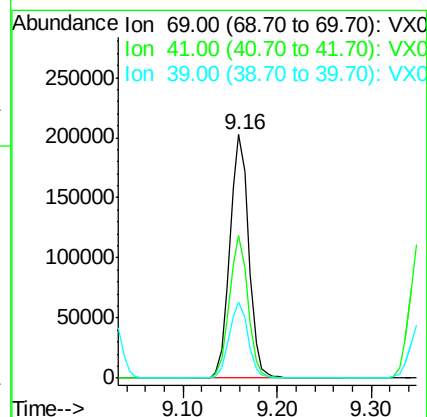
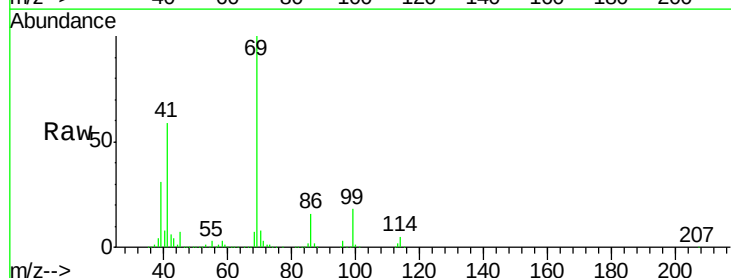
Manual Integrations
 APPROVED

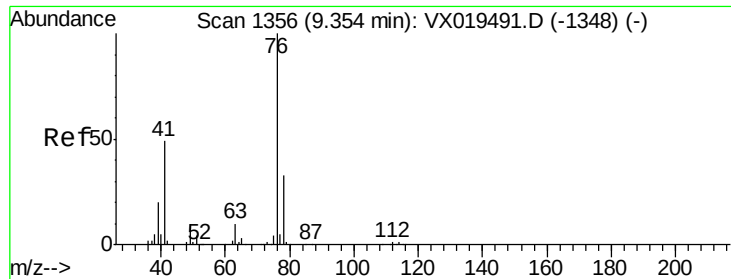
MMDadoda
 11/23/2020 3:50:43 PM



#56
 Ethyl methacrylate
 Concen: 58.004 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019494.D
 Acq: 20 Nov 2020 12:28

Tgt Ion:	69	Resp:	281780
Ion Ratio	Lower	Upper	
69	100		
41	57.7	46.2	69.2
39	31.4	25.5	38.3





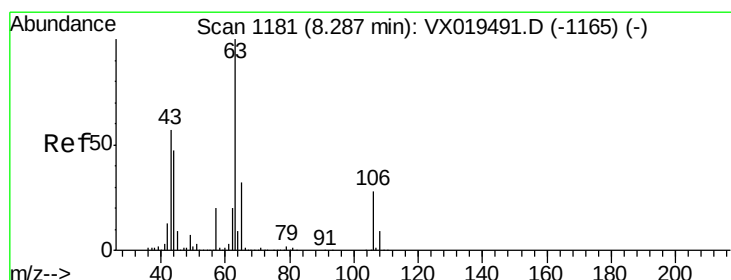
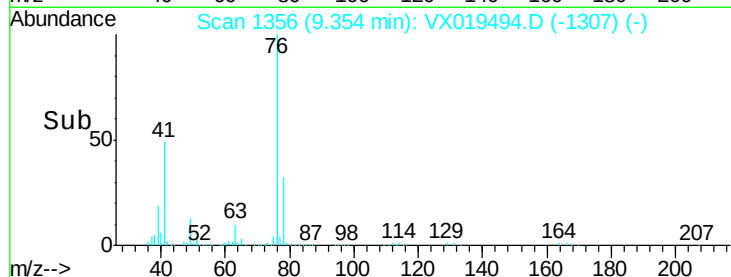
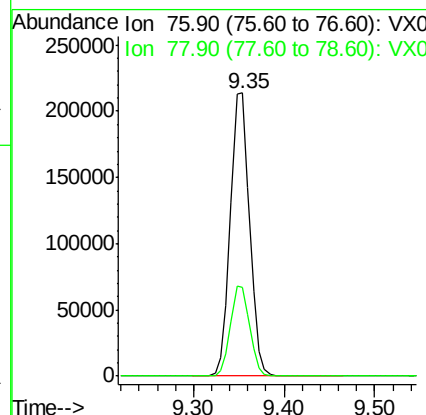
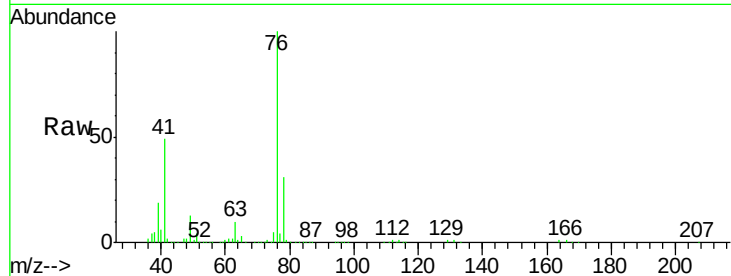
#57
 1,3-Dichloropropane
 Concen: 54.798 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX019494.D
 Acq: 20 Nov 2020 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112120

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	25.7	38.5

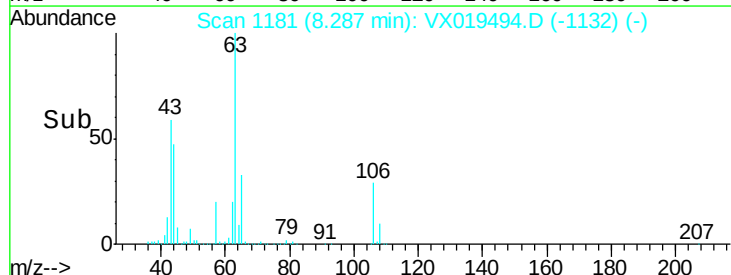
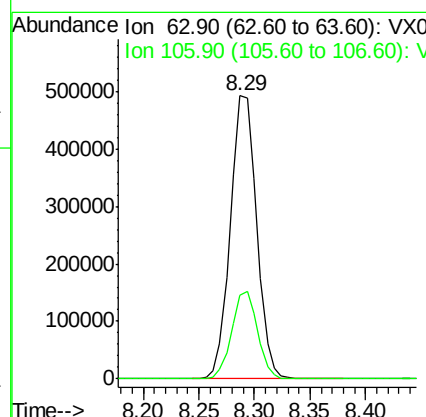
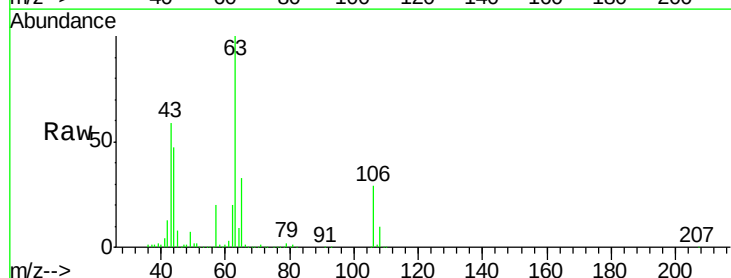
Manual Integrations
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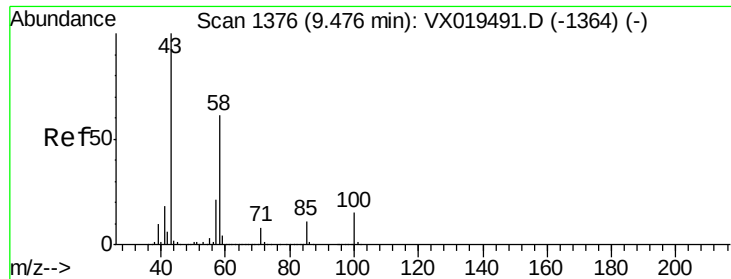
MMDadoda
 11/23/2020 3:50:43 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 283.447 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX019494.D
 Acq: 20 Nov 2020 12:28

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.2	23.7	35.5





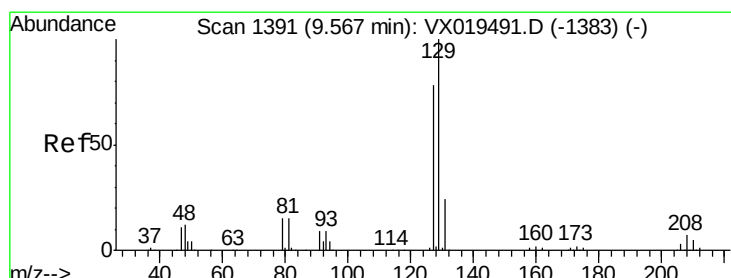
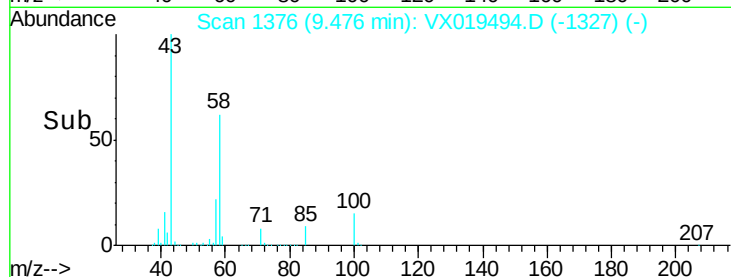
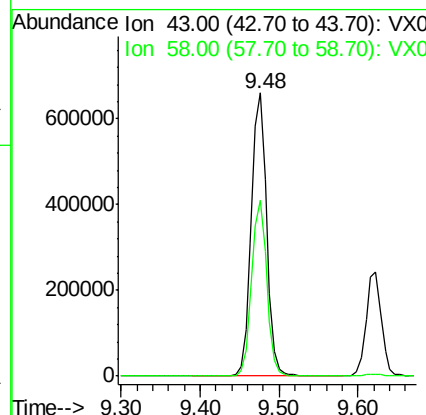
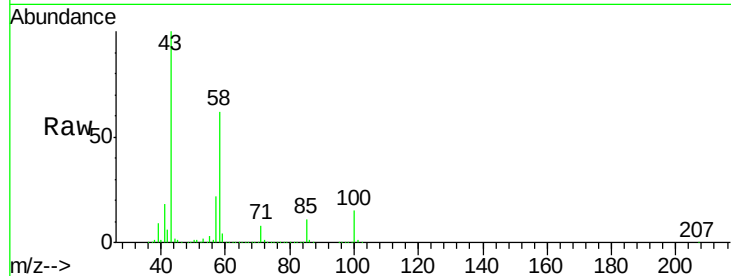
#59
2-Hexanone
Concen: 284.608 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112120

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.6	30.6	91.6

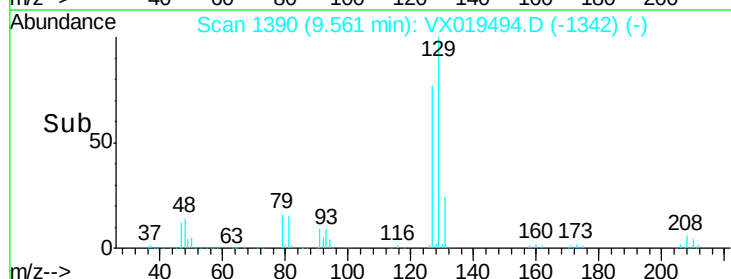
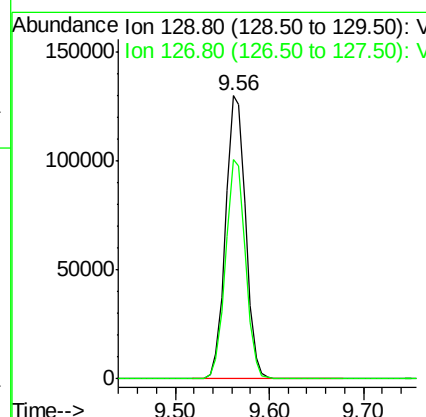
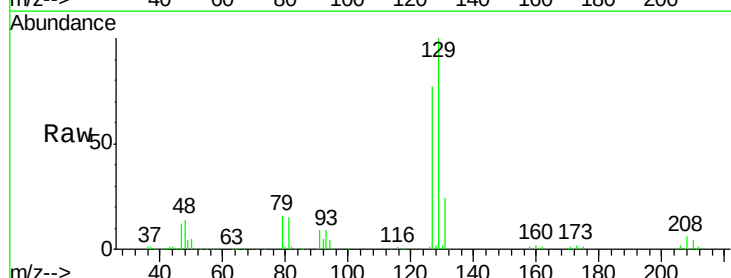
Manual Integrations
APPROVED

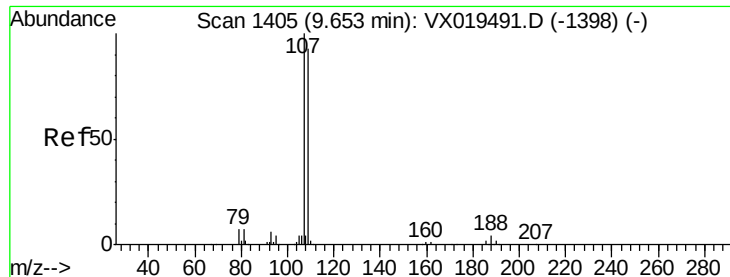
MMDadoda
11/23/2020 3:50:43 PM



#60
Dibromochloromethane
Concen: 56.858 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.9	39.0	116.9





#61

1,2-Dibromoethane

Concen: 54.904 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112120

Tot Ion:107 Resp: 194295

Ion Ratio Lower Upper

107 100

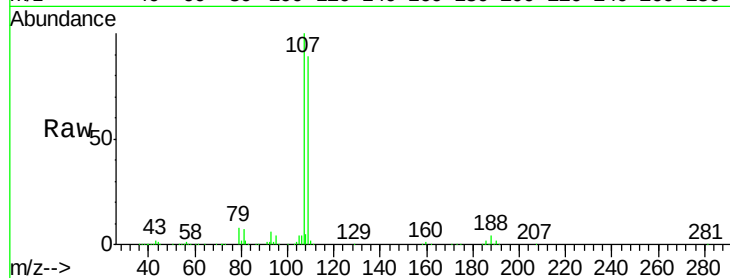
109 93.9 74.8 112.2

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

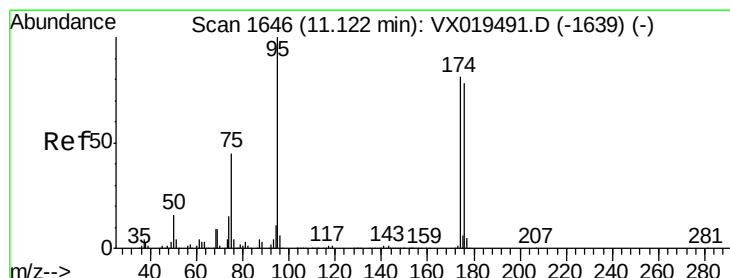
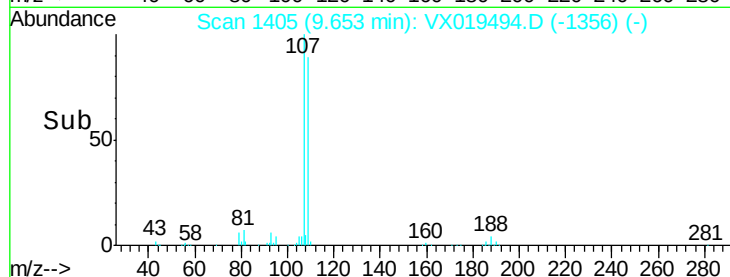
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.093 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

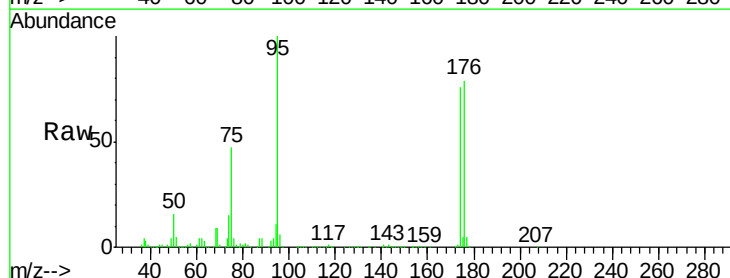
Tgt Ion: 95 Resp: 222899

Ion Ratio Lower Upper

95 100

174 75.6 0.0 156.2

176 75.0 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

11.12

200000

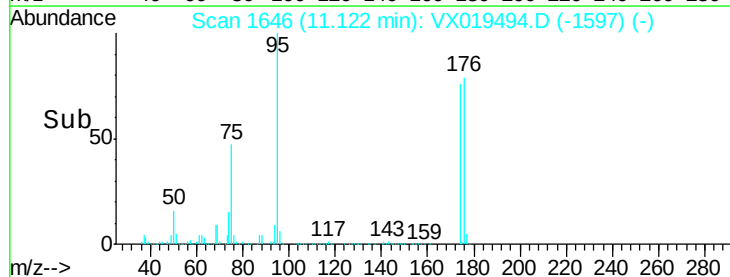
150000

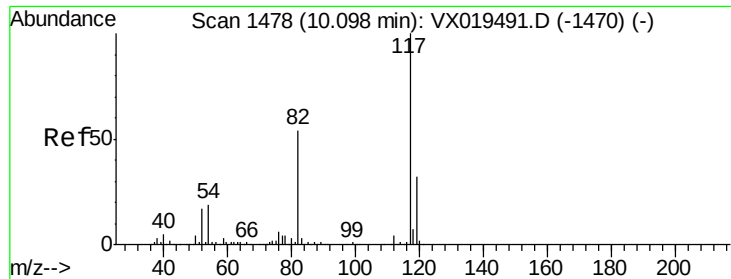
100000

50000

0

Time-->





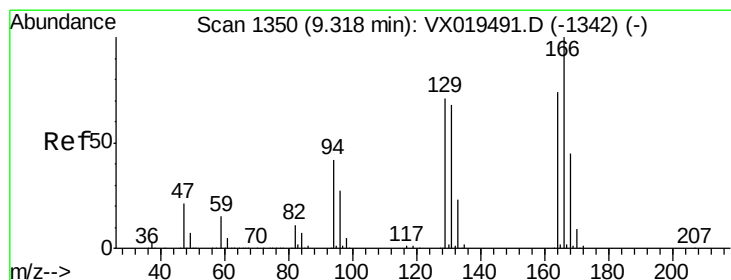
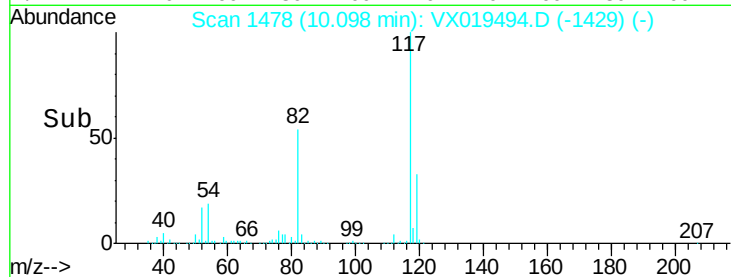
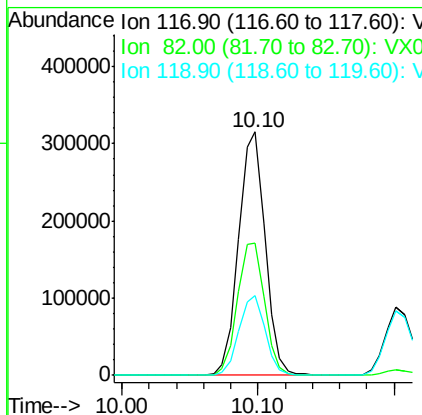
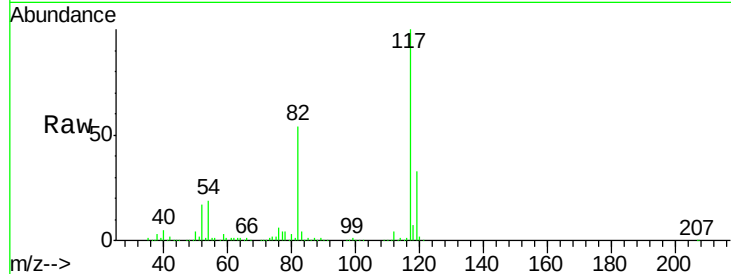
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112120

Tot Ion	Ratio	Resp	Lower	Upper
117	100	429798		
82	54.5		43.0	64.4
119	33.0		25.6	38.4

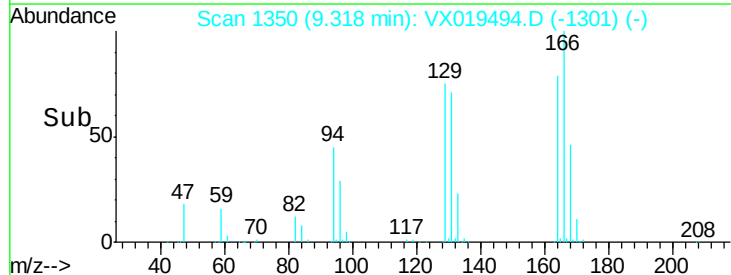
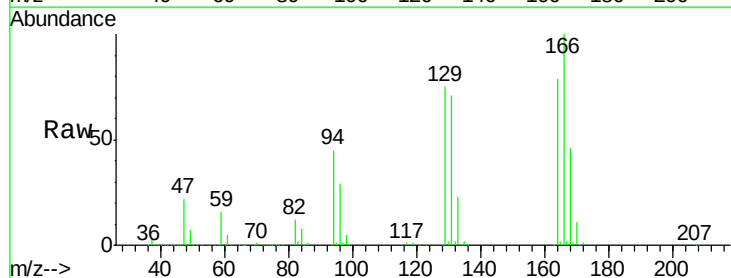
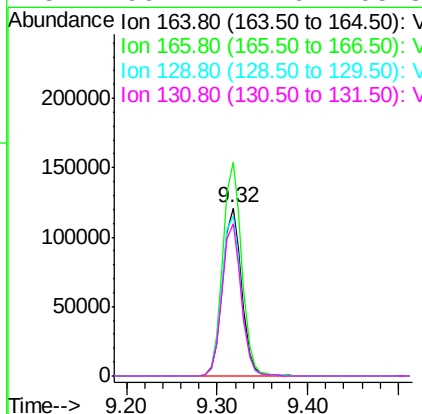
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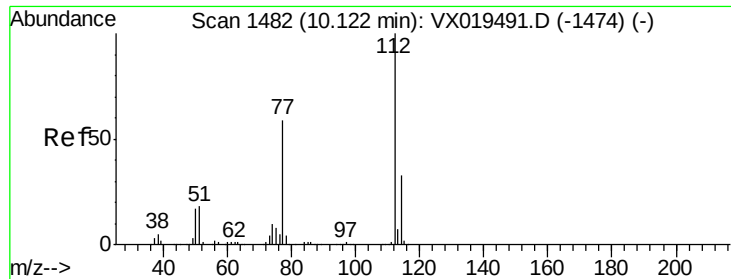
MMDadoda
11/23/2020 3:50:43 PM



#64
Tetrachloroethene
Concen: 52.365 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	176912		
166	127.1		107.4	161.0
129	95.2		76.6	114.8
131	90.4		72.6	108.8





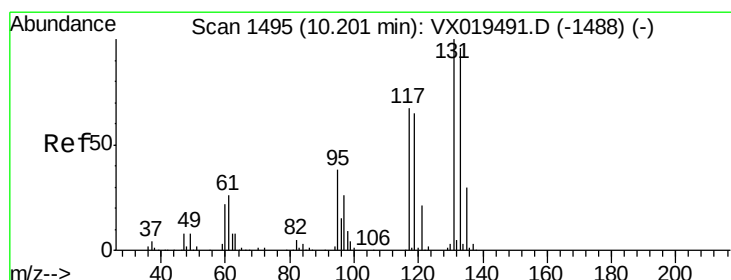
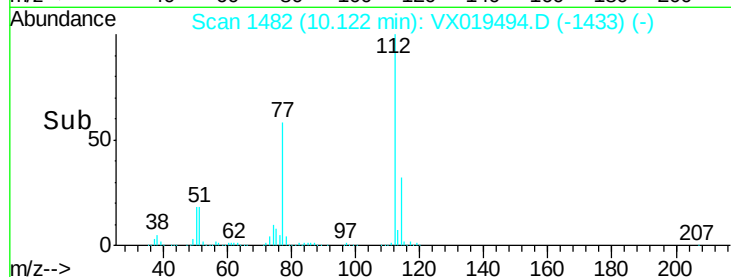
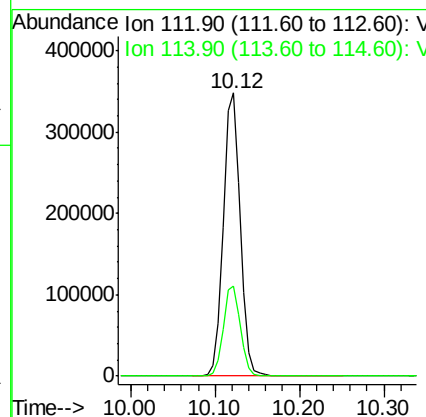
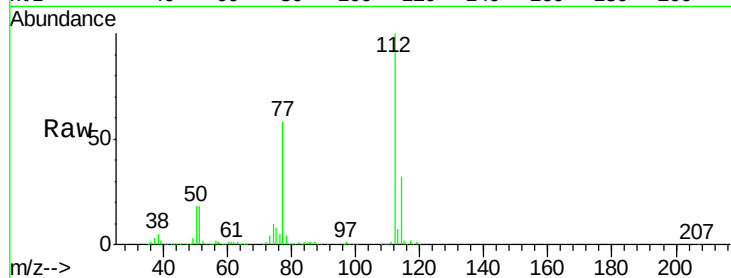
#65
Chlorobenzene
Concen: 54.871 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112120

Tot Ion:112 Resp: 484879
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0

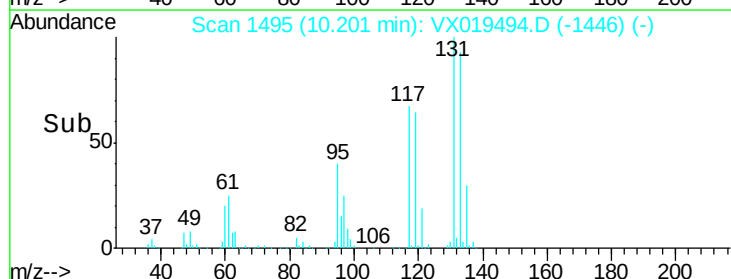
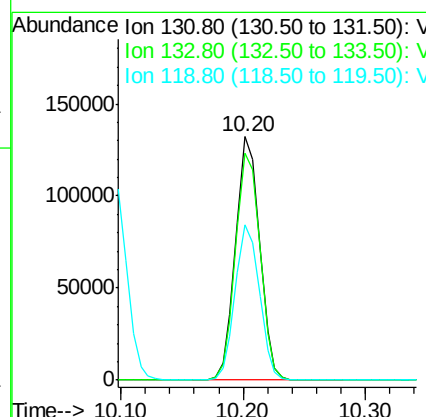
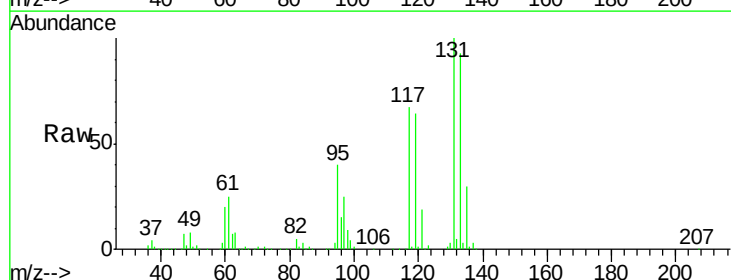
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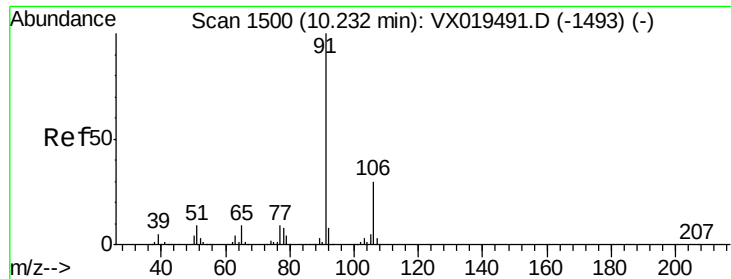
MMDadoda
11/23/2020 3:50:43 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 55.880 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Tgt Ion:131 Resp: 179614
Ion Ratio Lower Upper
131 100
133 95.3 48.5 145.5
119 64.6 33.0 99.0





#67

Ethyl Benzene

Concen: 57.248 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVX112120

Tot Ion: 91 Resp: 886229

Ion Ratio Lower Upper

91 100

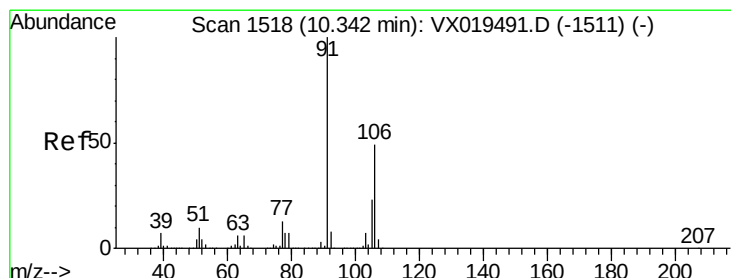
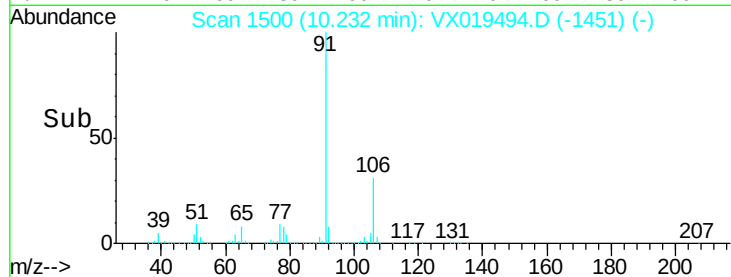
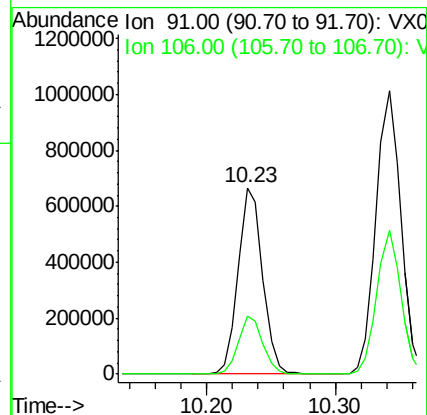
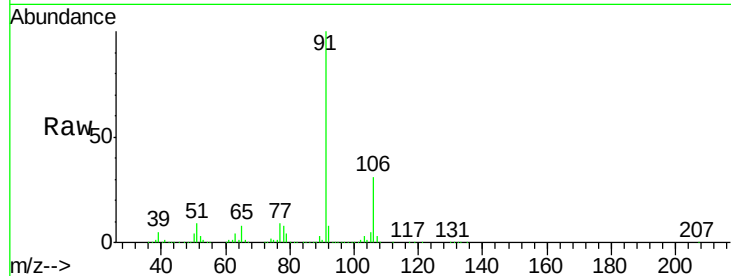
106 31.0 24.0 36.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 115.253 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019494.D

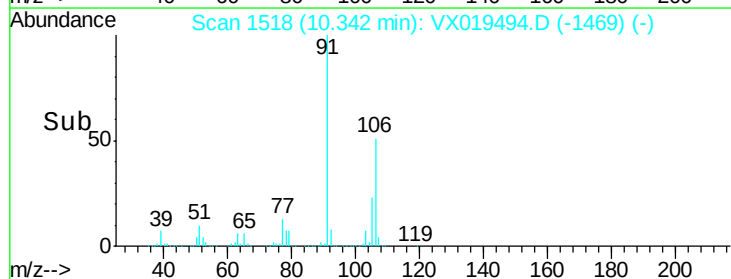
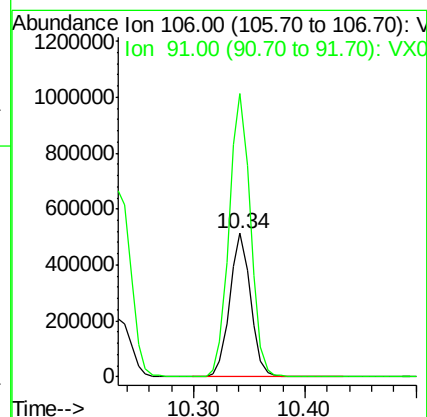
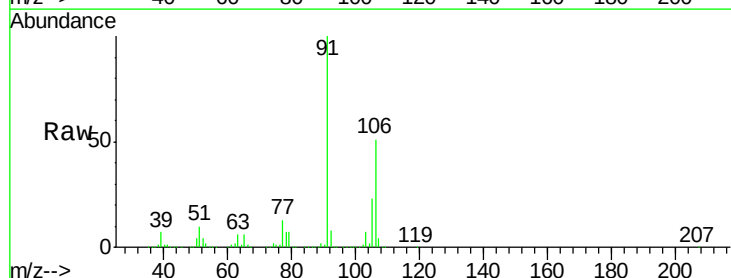
Acq: 20 Nov 2020 12:28

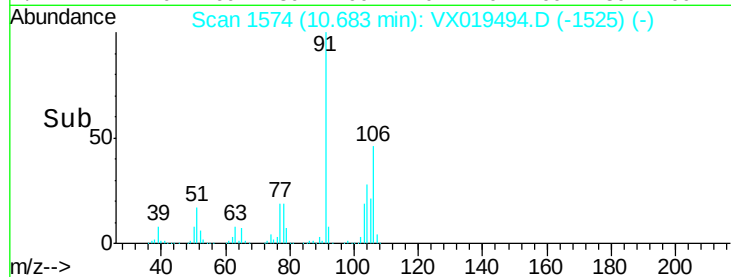
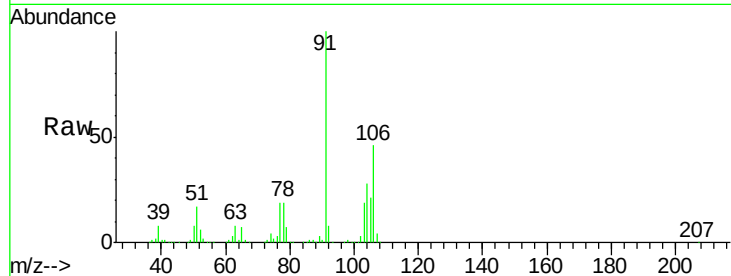
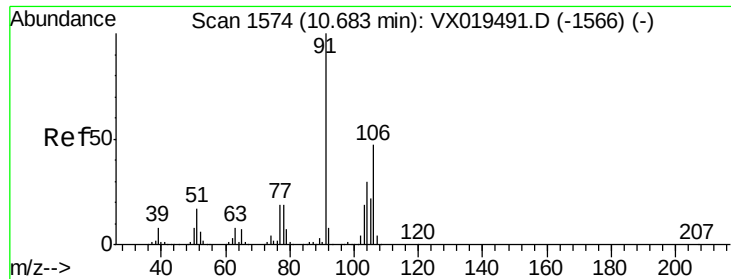
Tgt Ion: 106 Resp: 664724

Ion Ratio Lower Upper

106 100

91 202.5 163.3 244.9





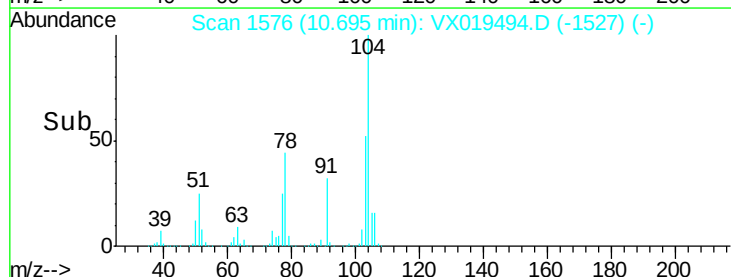
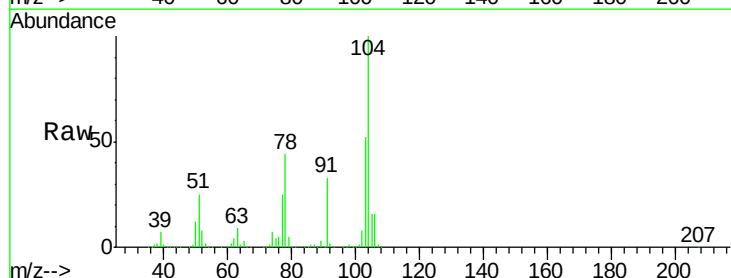
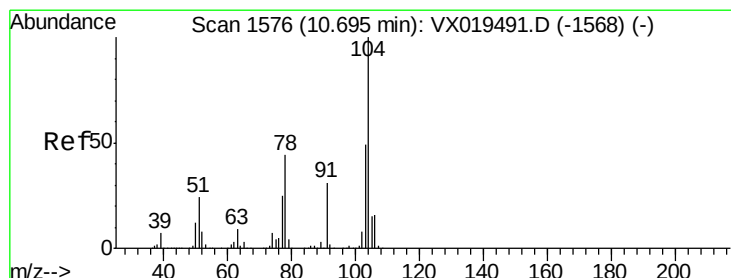
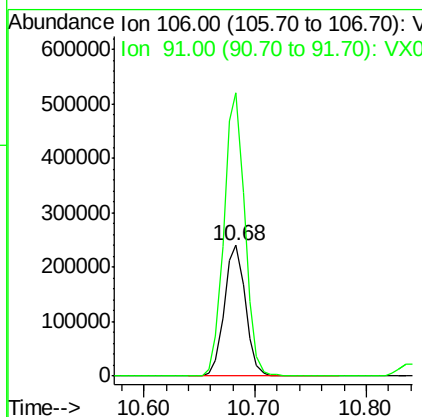
#69
o-Xylene
Concen: 56.930 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Tot Ion:106 Resp: 313875
Ion Ratio Lower Upper
106 100
91 214.7 108.0 324.0

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112120

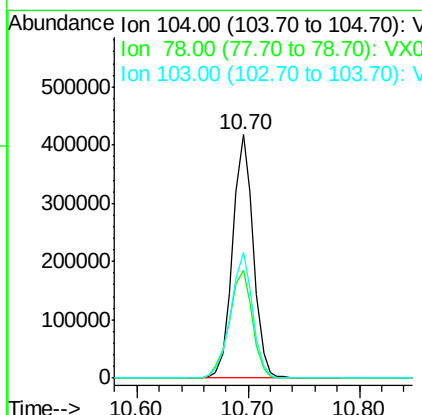
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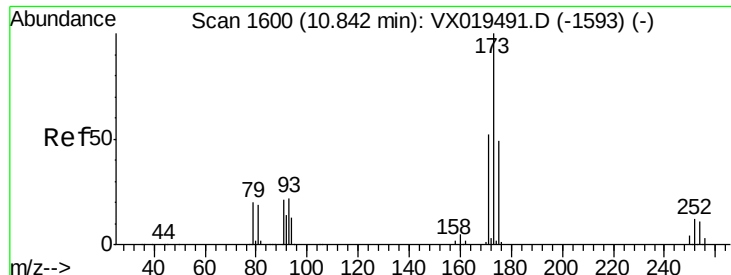
MMDadoda
11/23/2020 3:50:43 PM



#70
Styrene
Concen: 52.334 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Tgt Ion:104 Resp: 534901
Ion Ratio Lower Upper
104 100
78 50.0 39.5 59.3
103 55.0 43.6 65.4





#71

Bromoform

Concen: 50.975 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVVX112120

Tot Ion:173 Resp: 139005

Ion Ratio Lower Upper

173 100

175 47.1 24.9 74.8

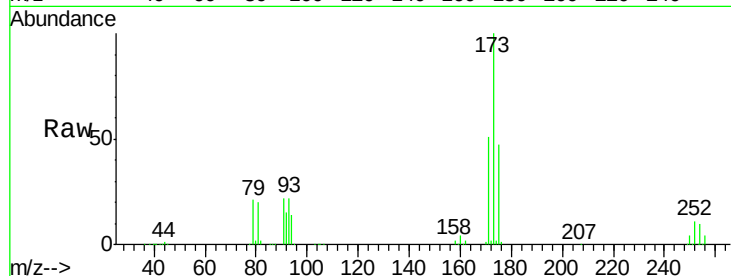
254 0.2 0.1 0.1#

Manual Integrations

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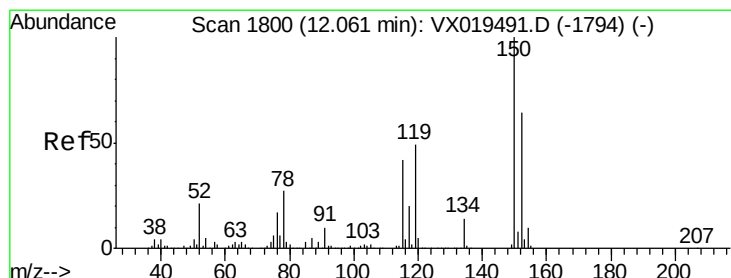
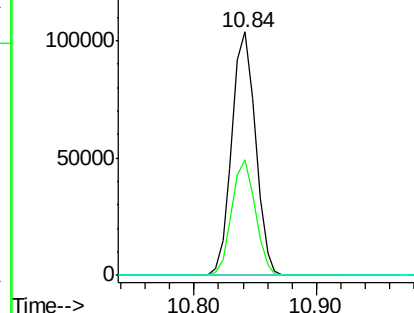
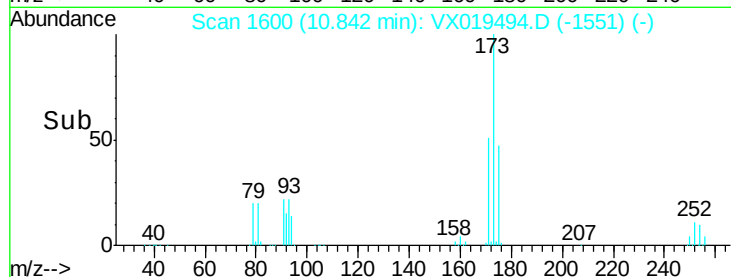
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VX019494.D

Acq: 20 Nov 2020 12:28

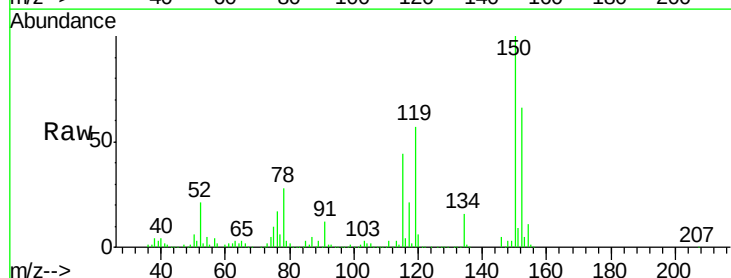
Tgt Ion:152 Resp: 217310

Ion Ratio Lower Upper

152 100

115 87.2 41.8 125.4

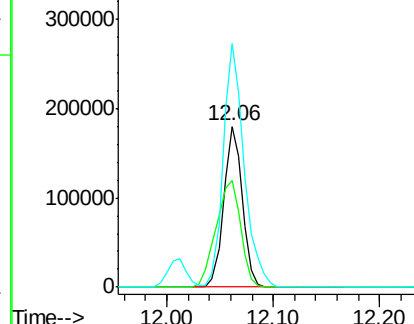
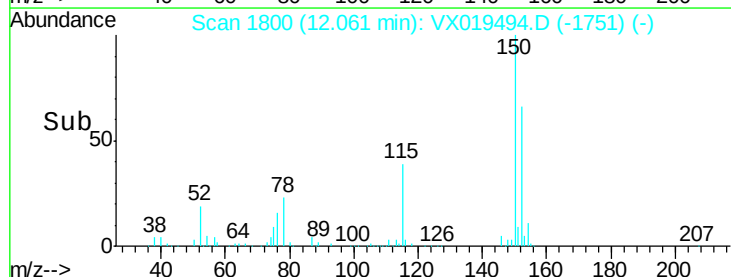
150 171.2 0.0 348.2

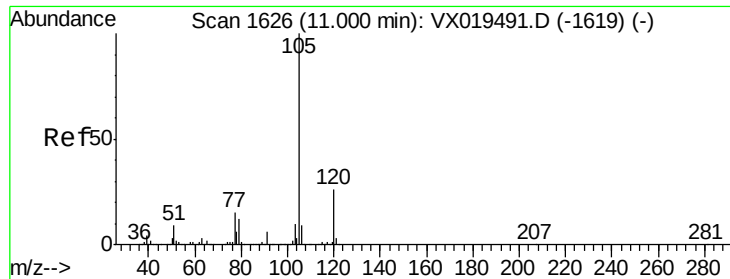


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





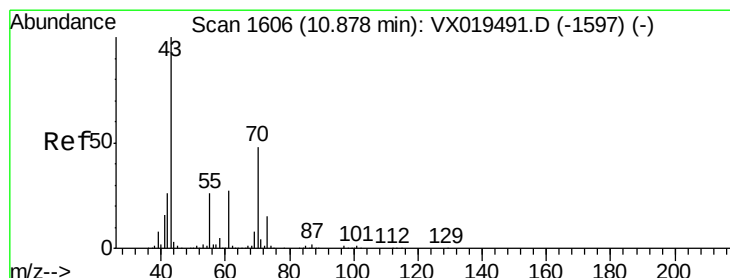
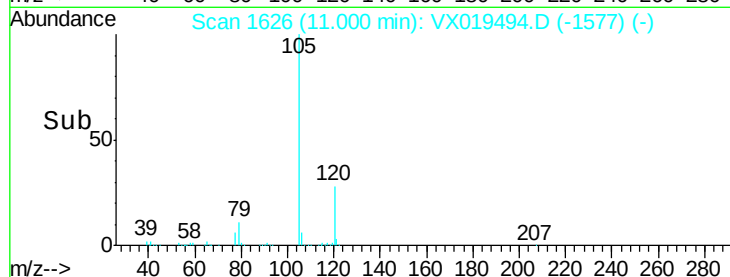
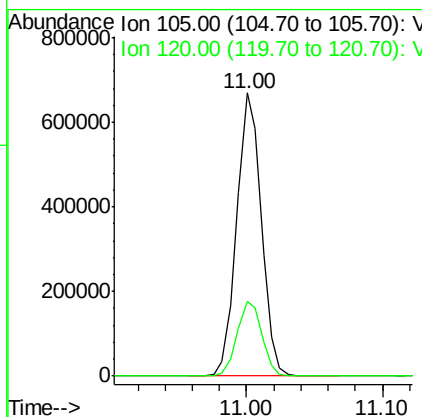
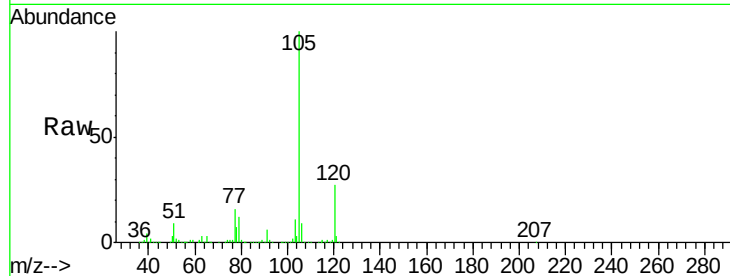
#73
Isopropylbenzene
Concen: 55.951 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112120

Tot Ion	Ratio	Resp	Lower	Upper
105	100	841115		
120	26.8	13.0	39.0	

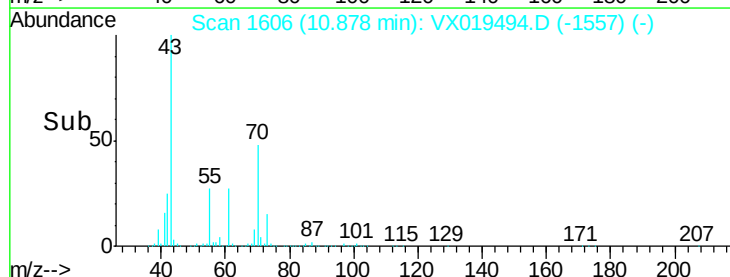
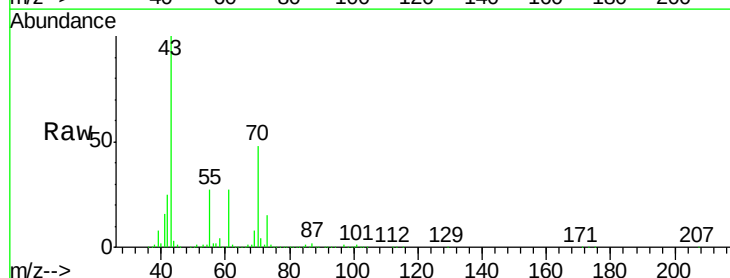
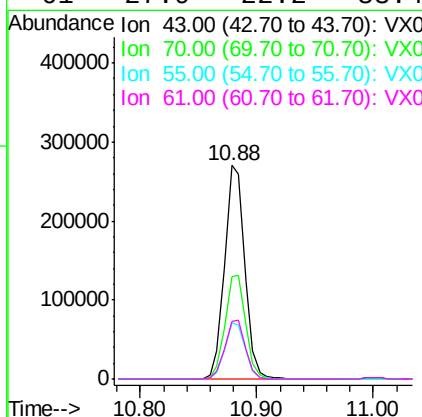
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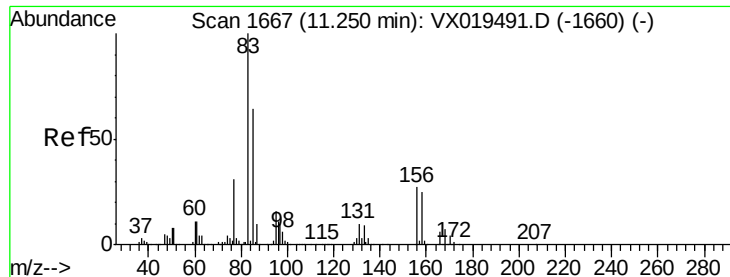
MMDadoda
11/23/2020 3:50:43 PM



#74
N-ethyl acetate
Concen: 57.513 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	323979		
70	49.8	39.7	59.5	
55	26.8	21.8	32.6	
61	27.9	22.2	33.4	





#75

1,1,2,2-Tetrachloroethane

Concen: 52.726 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

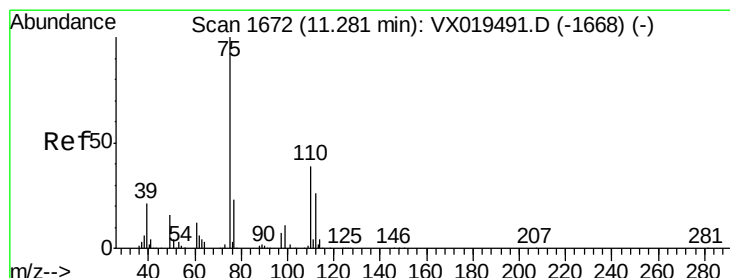
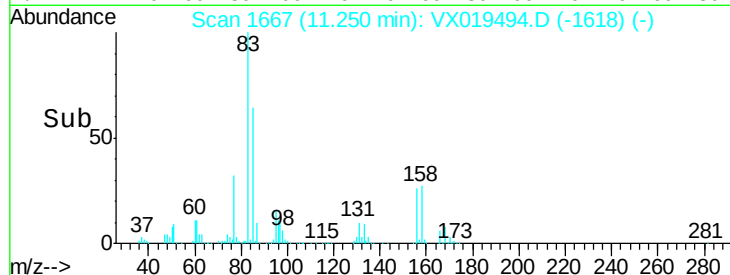
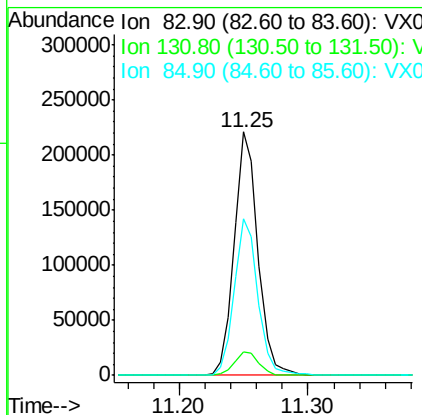
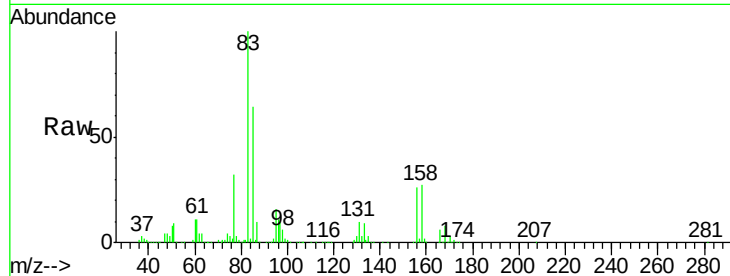
ClientSampleId :

ICVVX112120

Tot Ion:	83	Resp:	283454
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.0	15.0
85	64.3	32.4	97.2

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#76

1,2,3-Trichloropropane

Concen: 54.048 ug/l m

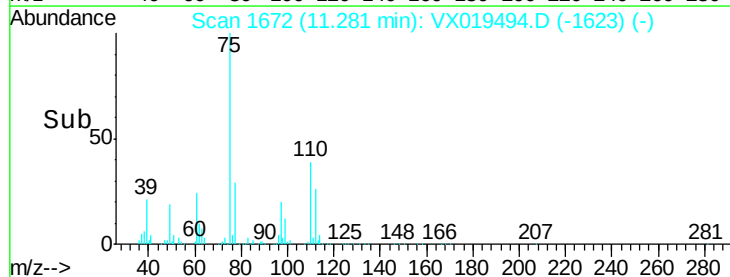
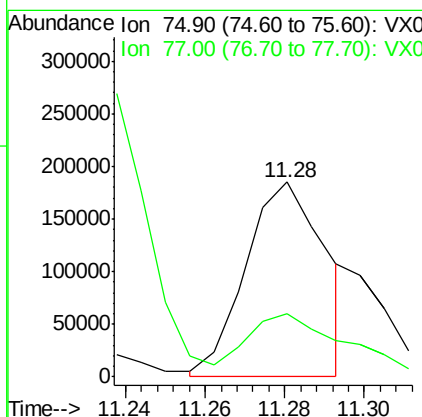
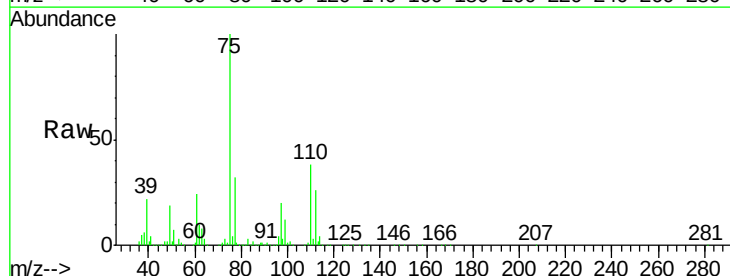
RT: 11.28 min Scan# 1672

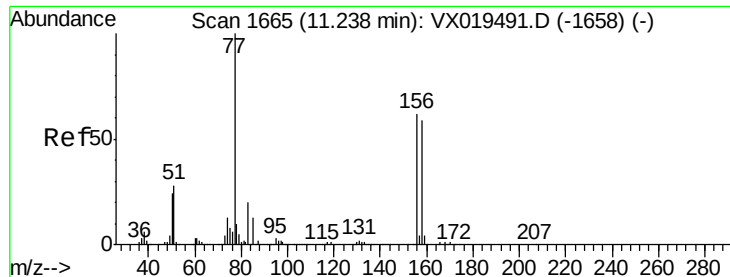
Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Tgt Ion:	75	Resp:	256318
Ion Ratio	Lower	Upper	
75	100		
77	40.4	20.0	60.0





#77

Bromobenzene

Concen: 53.888 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

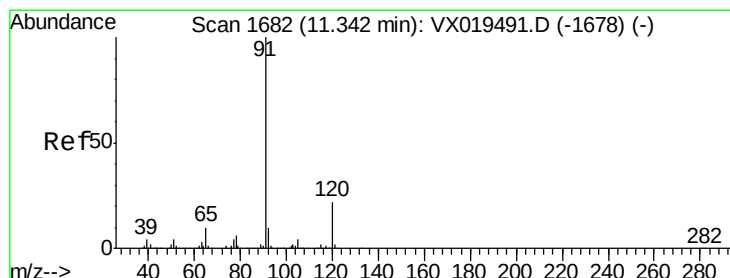
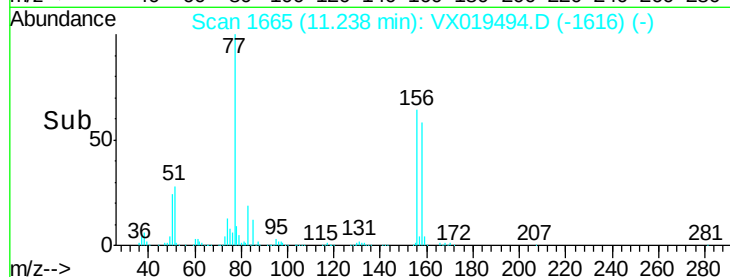
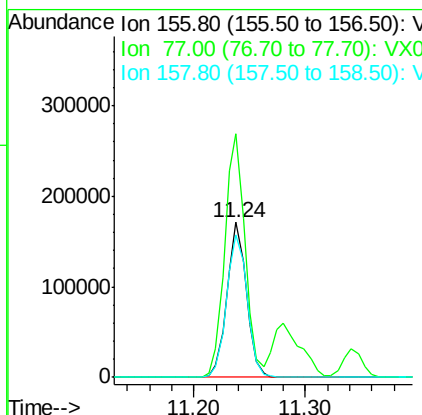
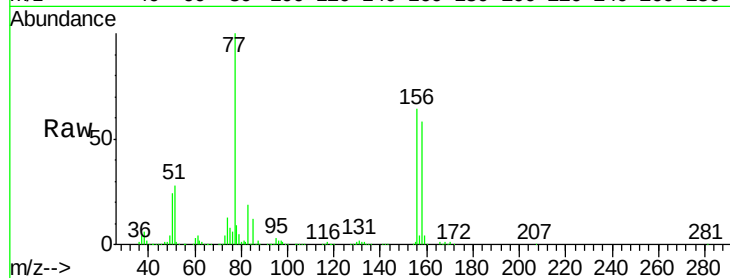
ClientSampleId :

ICVVX112120

Tot Ion:	156	Resp:	206805
Ion Ratio	Lower	Upper	
156	100		
77	163.4	82.5	247.3
158	97.1	48.9	146.7

Manual Integrations
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11/23/2020 3:50:43 PM



#78

n-propylbenzene

Concen: 57.016 ug/l

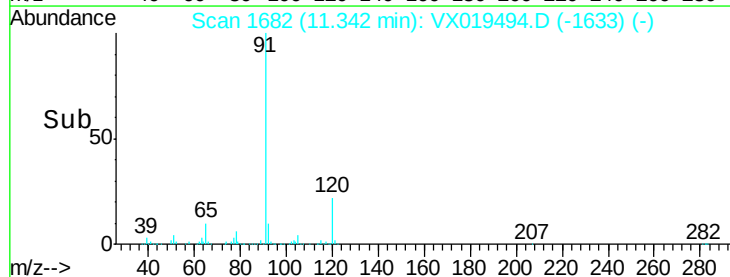
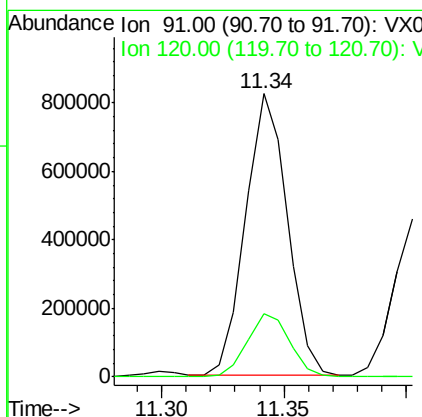
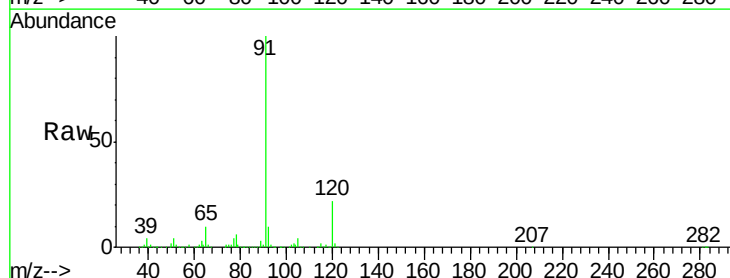
RT: 11.34 min Scan# 1682

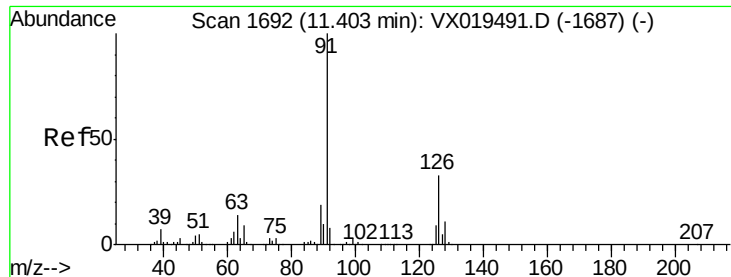
Delta R.T. 0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Tgt Ion:	91	Resp:	983286
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.4





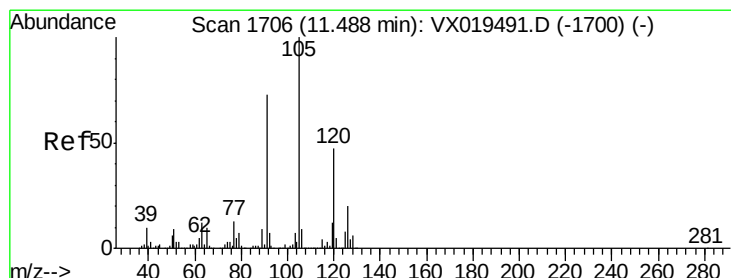
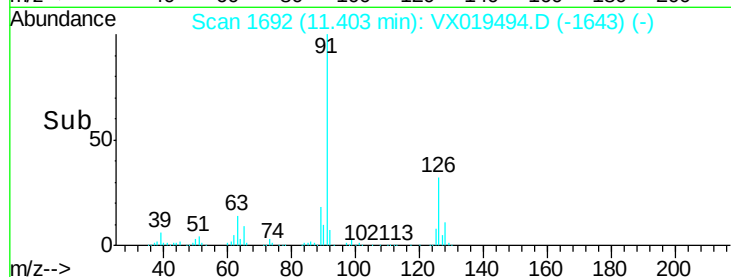
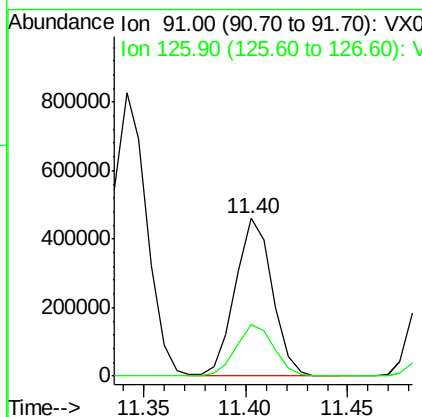
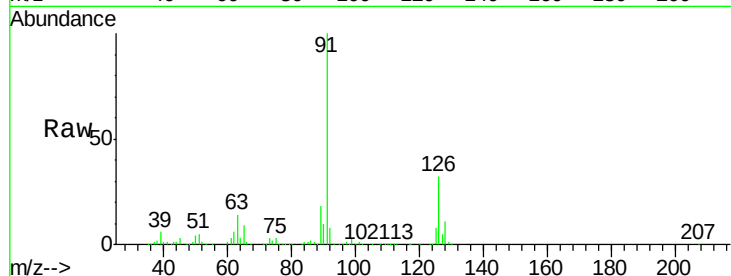
#79
2-Chlorotoluene
Concen: 55.399 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112120

Tot Ion: 91 Resp: 579419
Ion Ratio Lower Upper
91 100
126 33.3 16.7 50.0

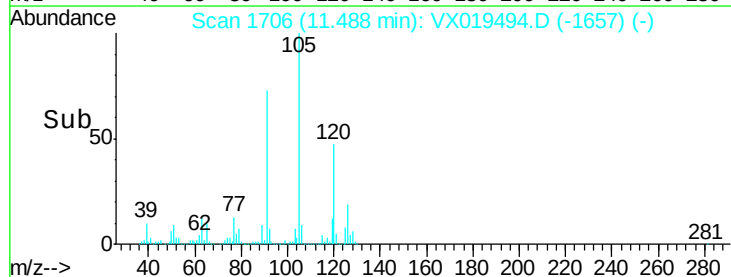
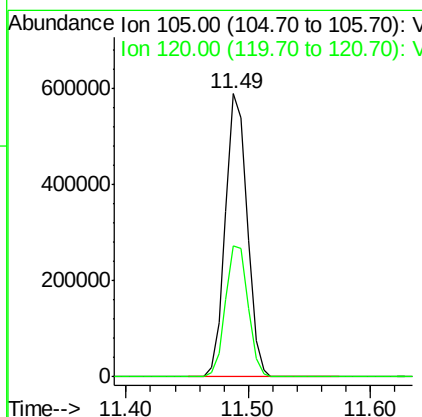
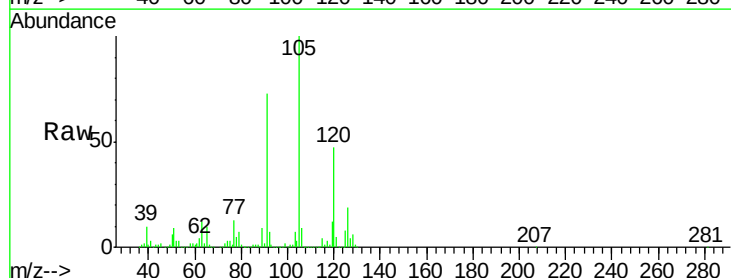
Manual Integrations
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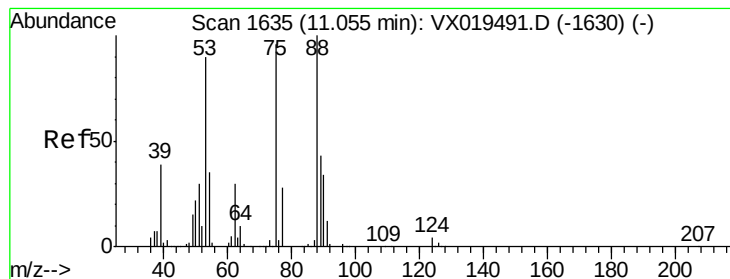
MMDadoda
11/23/2020 3:50:43 PM



#80
1,3,5-Trimethylbenzene
Concen: 57.517 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Tgt Ion: 105 Resp: 725343
Ion Ratio Lower Upper
105 100
120 48.1 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 53.029 ug/l

RT: 11.06 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

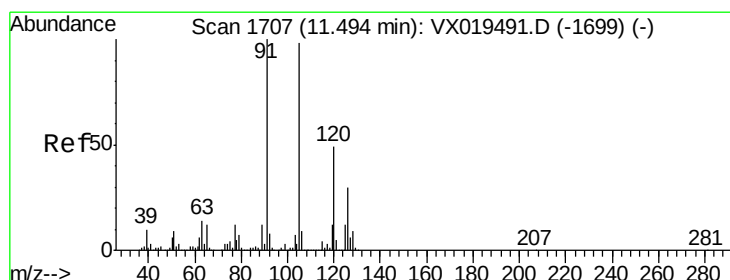
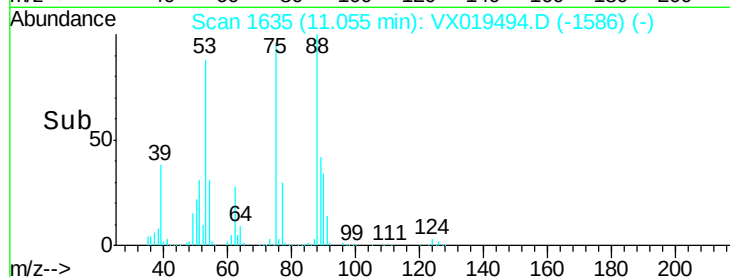
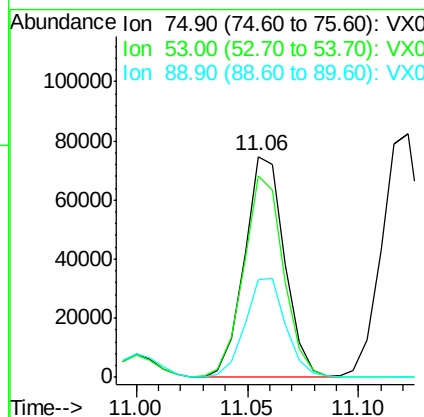
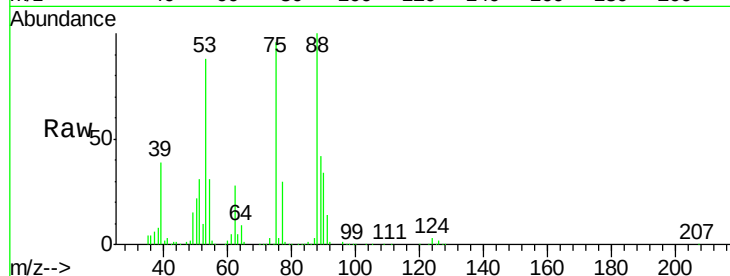
ClientSampleId :

ICVVX112120

Tot Ion:	75	Resp:	93604
Ion	Ratio	Lower	Upper
75	100		
53	90.8	73.9	110.9
89	45.9	37.3	55.9

Manual Integrations
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11/23/2020 3:50:43 PM



#82

4-Chlorotoluene

Concen: 55.954 ug/l

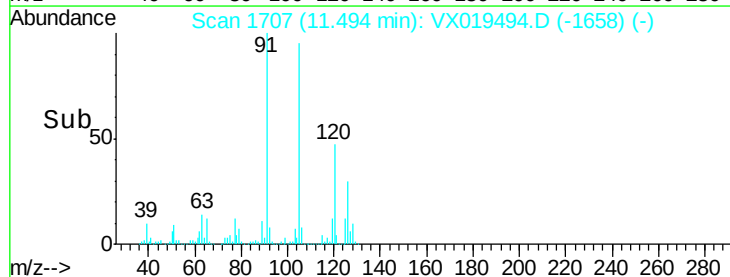
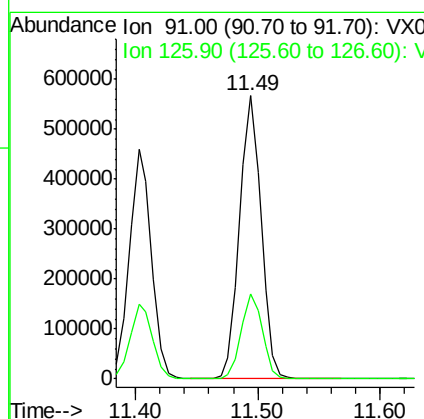
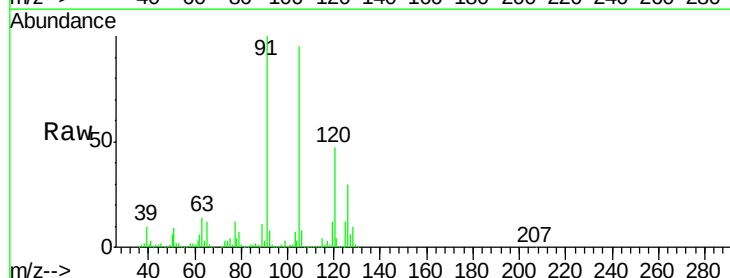
RT: 11.49 min Scan# 1707

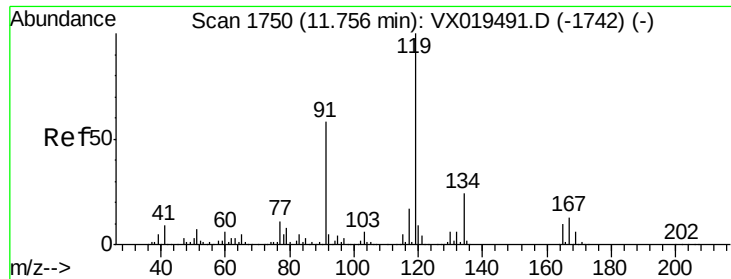
Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Tgt Ion:	91	Resp:	688926
Ion	Ratio	Lower	Upper
91	100		
126	29.5	14.9	44.7





#83

tert-Butylbenzene

Concen: 57.447 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

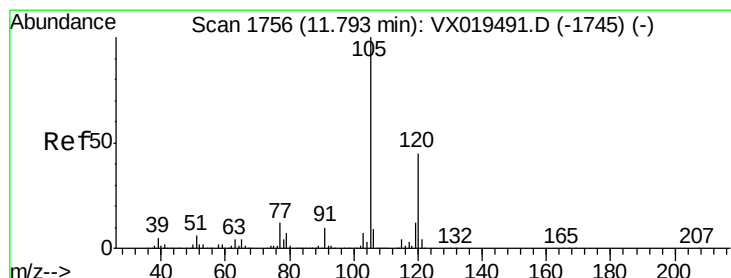
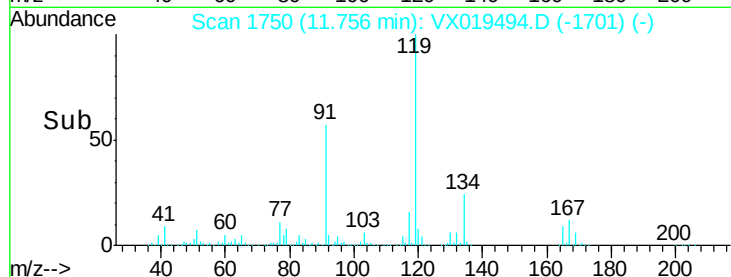
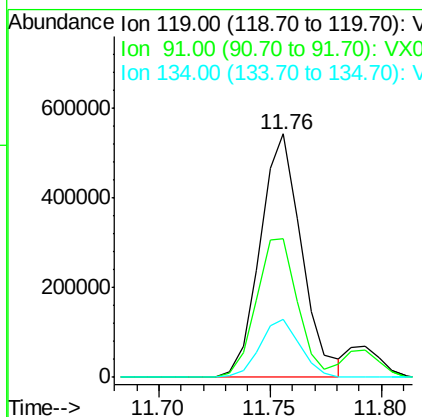
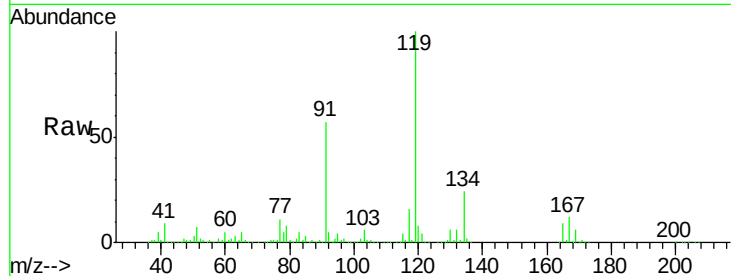
ClientSampleId :

ICVVX112120

Tot Ion:	119	Resp:	700883
Ion Ratio	Lower	Upper	
119	100		
91	57.0	28.9	86.8
134	23.1	11.7	35.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 57.570 ug/l

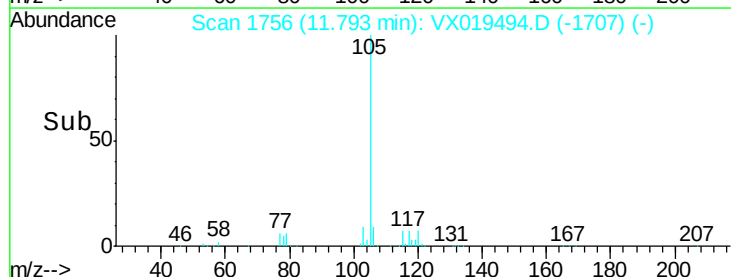
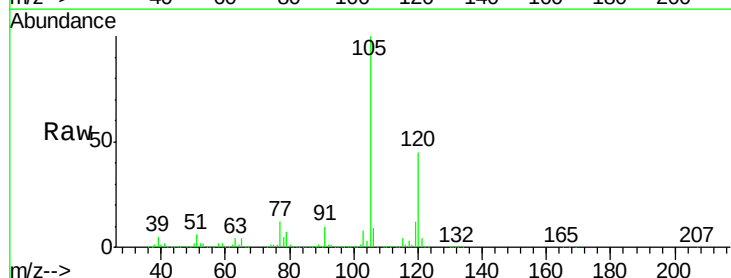
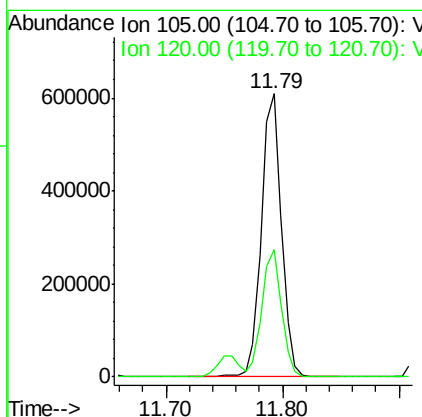
RT: 11.79 min Scan# 1756

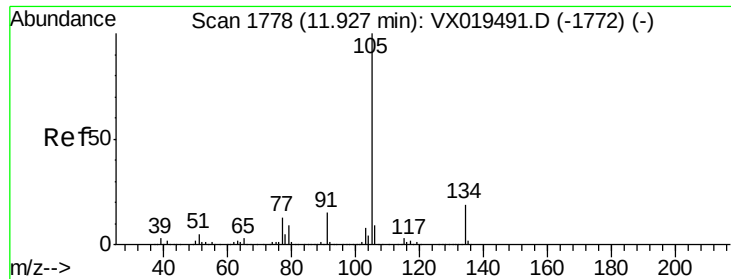
Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Tgt Ion:	105	Resp:	734586
Ion Ratio	Lower	Upper	
105	100		
120	44.2	22.2	66.6





#85

sec-Butylbenzene

Concen: 57.681 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

Instrument :

MSVOA_X

ClientSampleId :

ICVX112120

Tot Ion:105 Resp: 837201

Ion Ratio Lower Upper

105 100

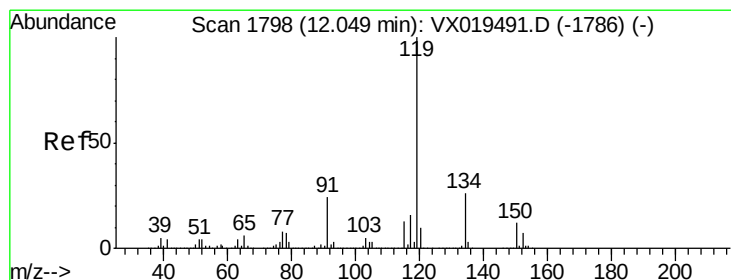
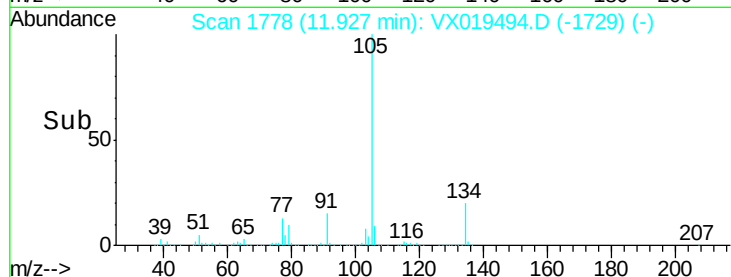
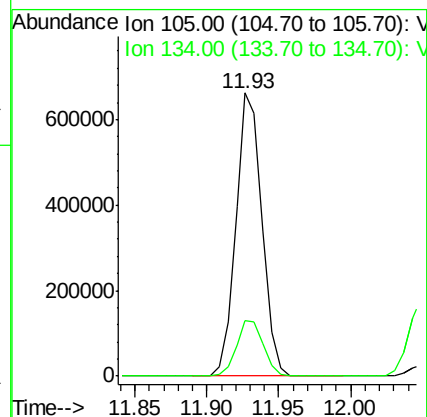
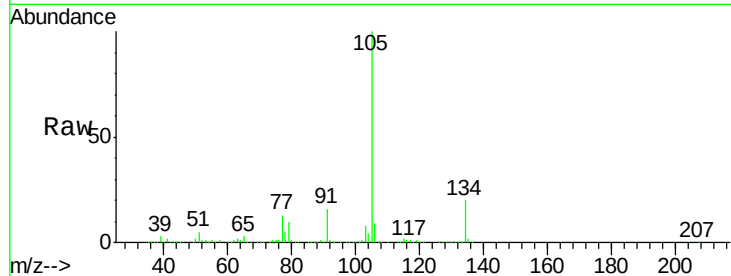
134 20.1 10.1 30.3

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 58.400 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019494.D

Acq: 20 Nov 2020 12:28

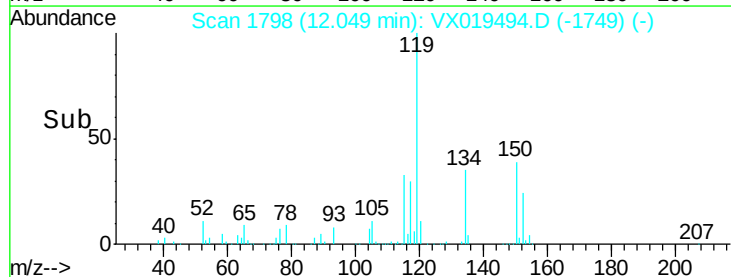
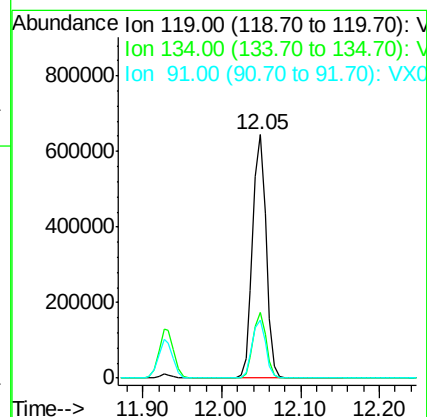
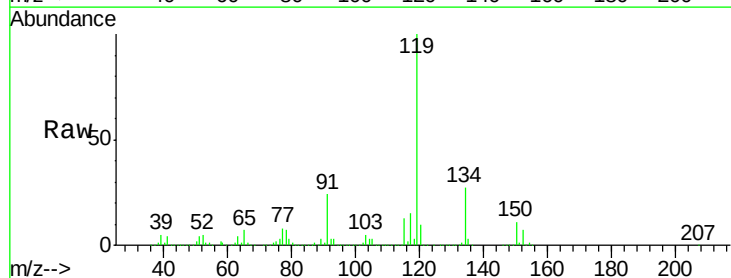
Tgt Ion:119 Resp: 769591

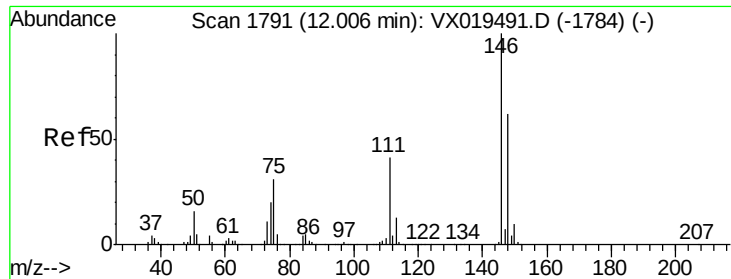
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 23.8 11.8 35.4





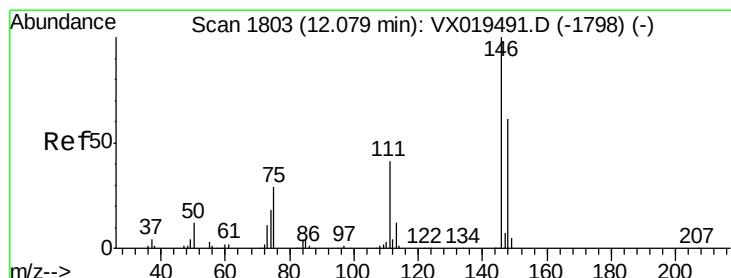
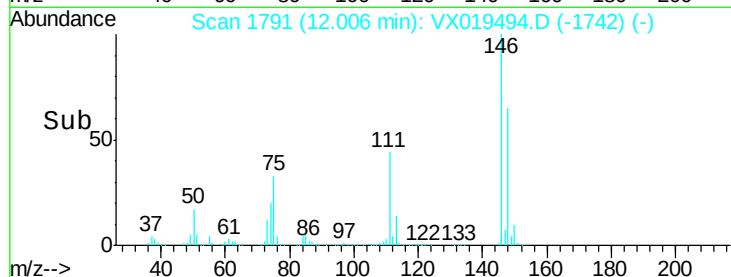
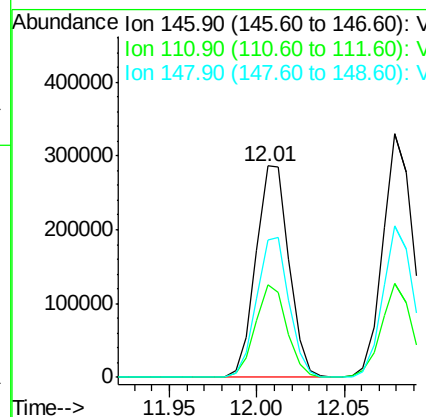
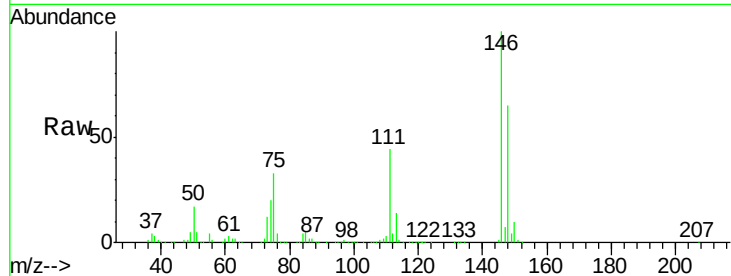
#87
 1,3-Dichlorobenzene
 Concen: 53.581 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019494.D
 Acq: 20 Nov 2020 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112120

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.2	60.6
148	64.9	31.4	94.2

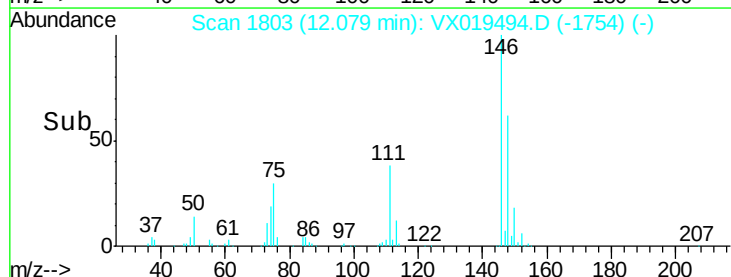
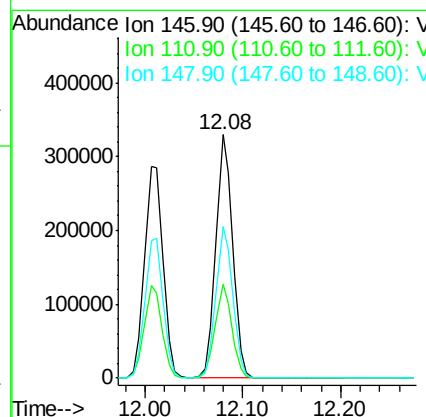
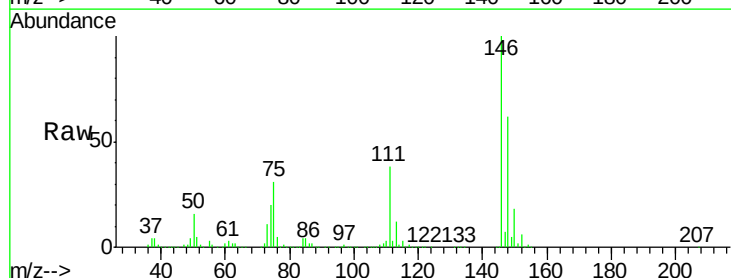
Manual Integrations
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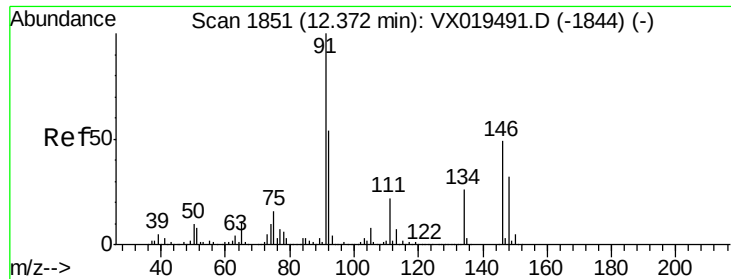
MMDadoda
 11/23/2020 3:50:43 PM



#88
 1,4-Dichlorobenzene
 Concen: 54.376 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019494.D
 Acq: 20 Nov 2020 12:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.9	59.6
148	62.5	31.7	95.1





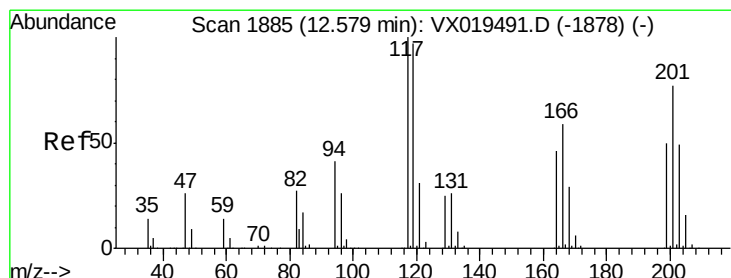
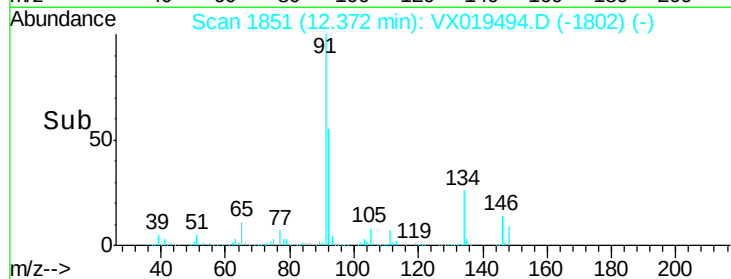
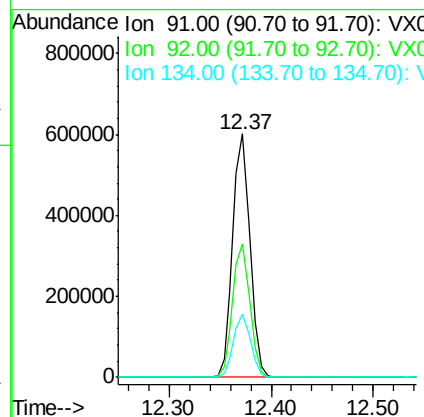
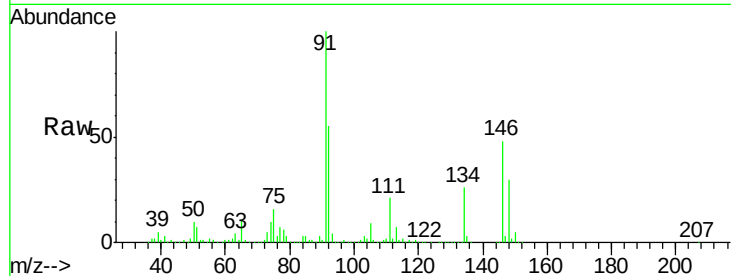
#89
n-Butylbenzene
Concen: 58.948 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112120

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	26.9	80.6
134	25.8	12.9	38.6

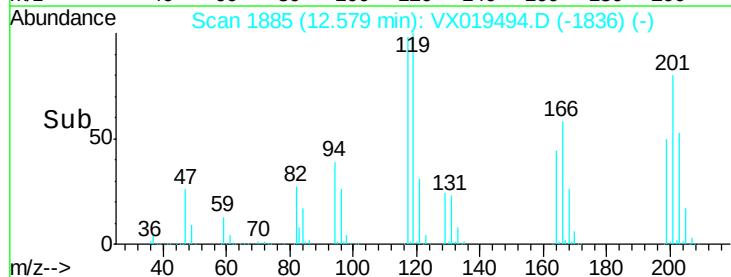
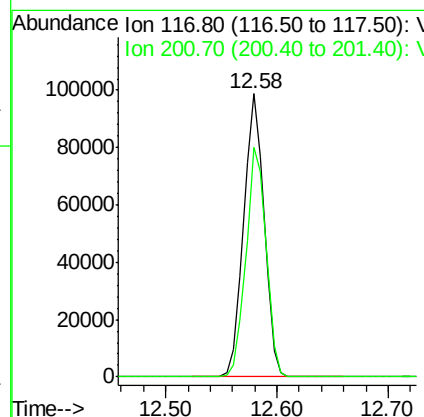
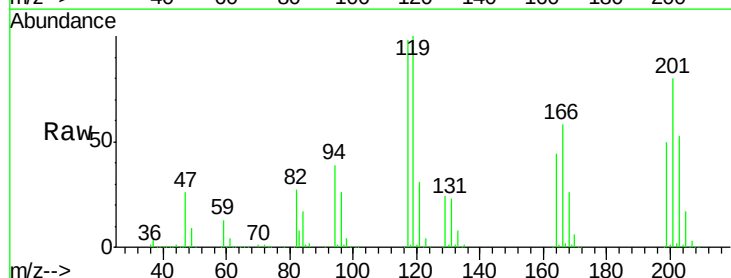
Manual Integrations
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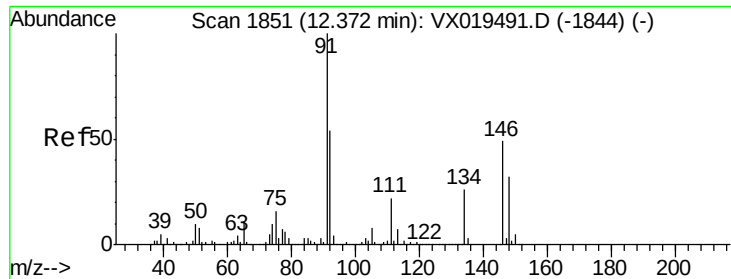
MMDadoda
11/23/2020 3:50:43 PM



#90
Hexachloroethane
Concen: 57.046 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.8	39.4	118.2





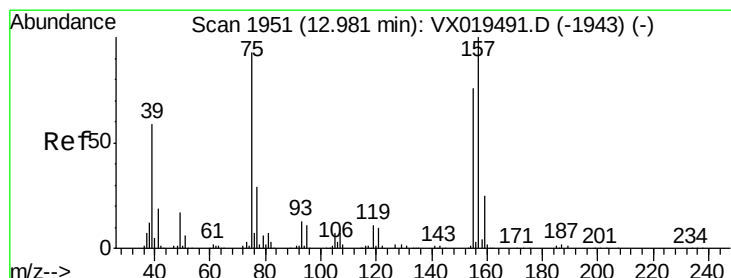
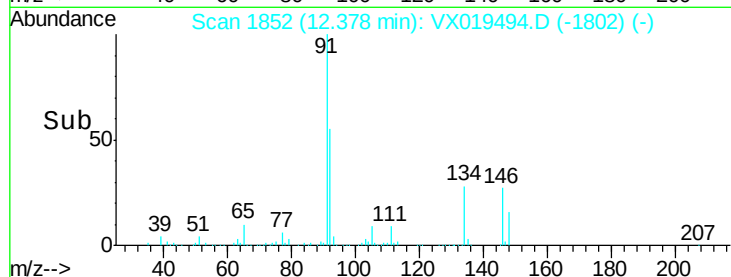
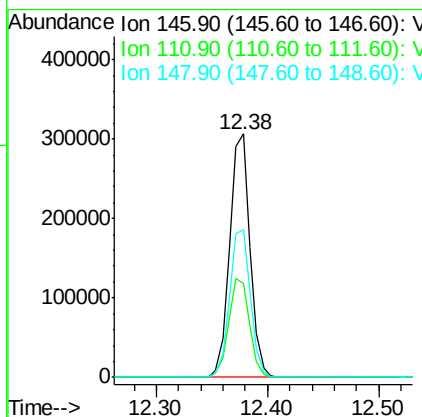
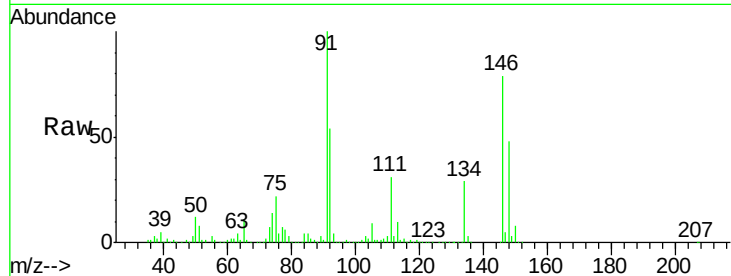
#91
 1,2-Dichlorobenzene
 Concen: 54.311 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019494.D
 Acq: 20 Nov 2020 12:28

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX112120

Tot Ion	Ratio	Resp	Lower	Upper
146	100	384450		
111	41.7	21.1	63.3	
148	62.4	32.4	97.0	

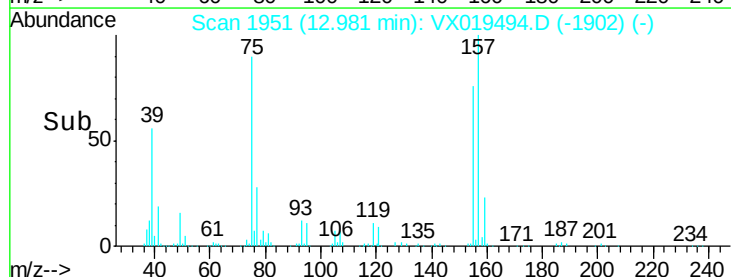
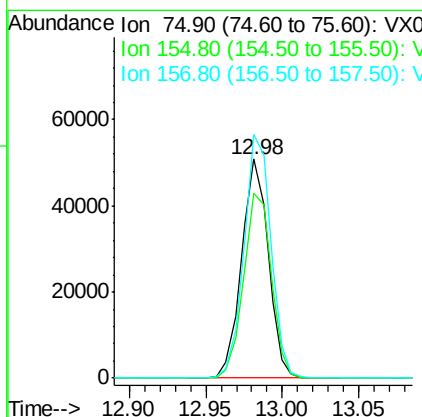
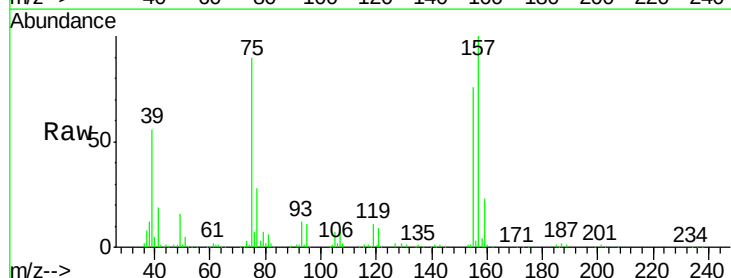
Manual Integrations
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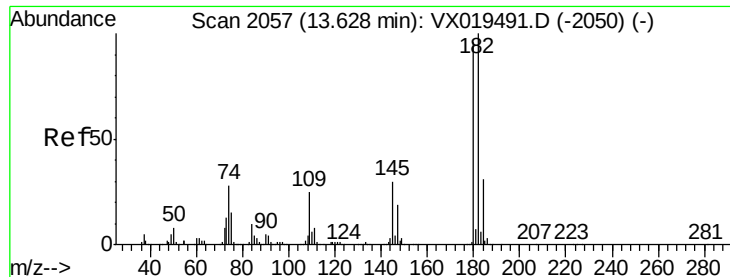
MMDadoda
 11/23/2020 3:50:43 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.383 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019494.D
 Acq: 20 Nov 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	61838		
155	87.5	43.6	130.9	
157	112.1	57.0	170.8	





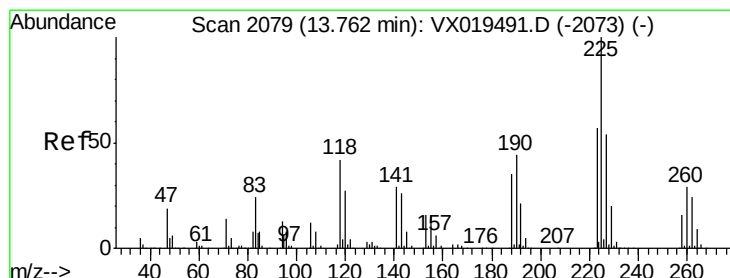
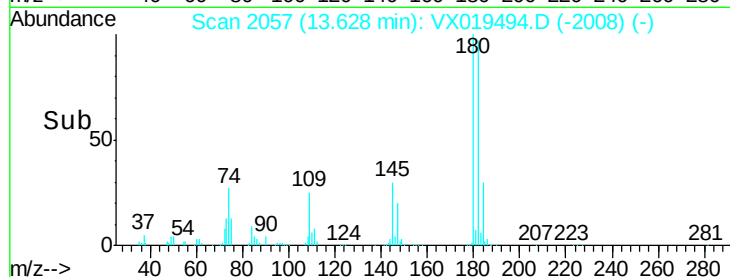
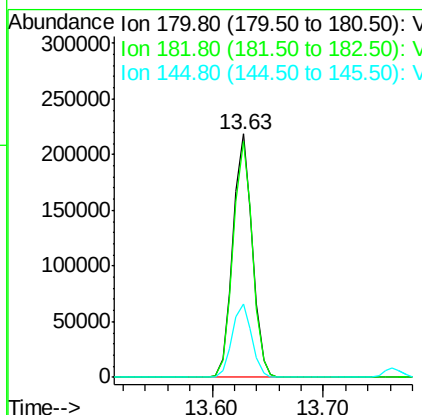
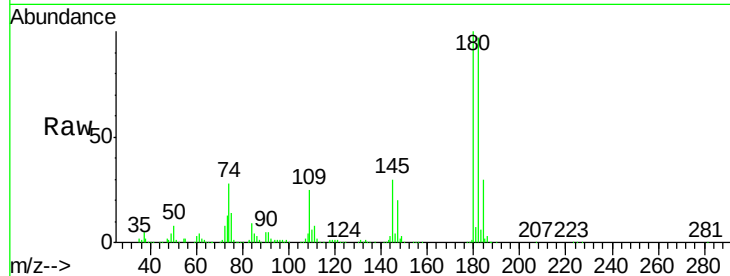
#93
1,2,4-Trichlorobenzene
Concen: 57.665 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112120

Tot Ion	Ratio	Resp	Lower	Upper
180	100	262063		
182	96.9	48.6	145.9	
145	30.8	15.9	47.7	

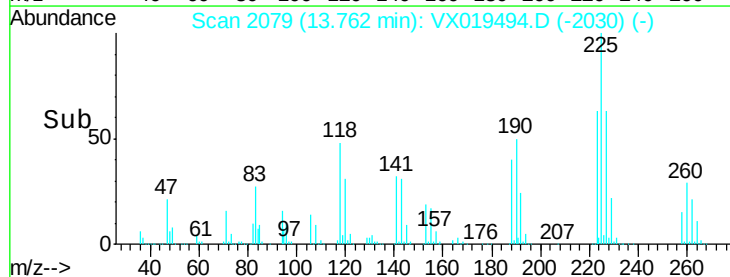
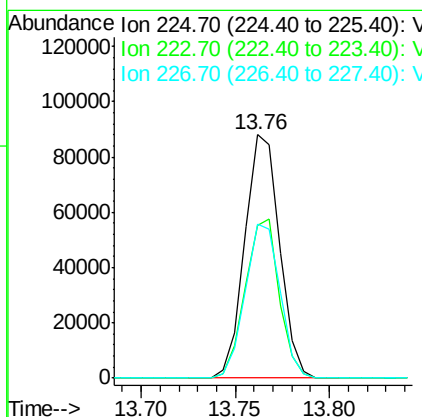
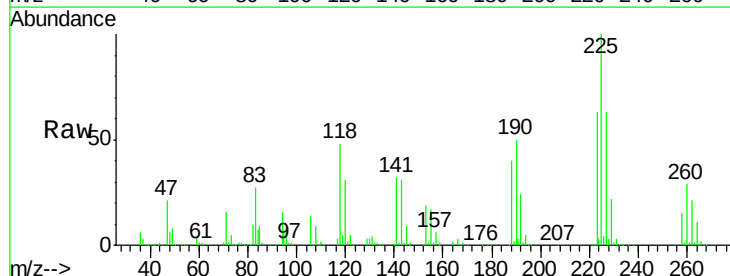
Manual Integrations
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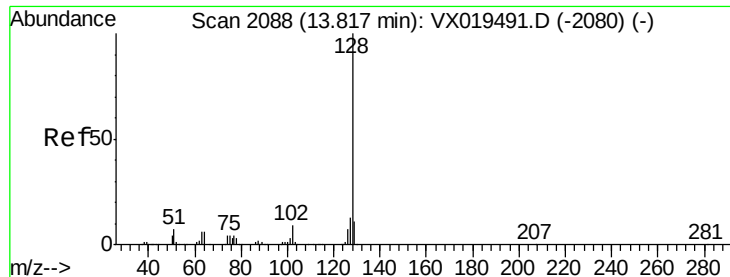
MMDadoda
11/23/2020 3:50:43 PM



#94
Hexachlorobutadiene
Concen: 54.462 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	112751		
223	63.7	32.5	97.5	
227	63.6	32.8	98.3	





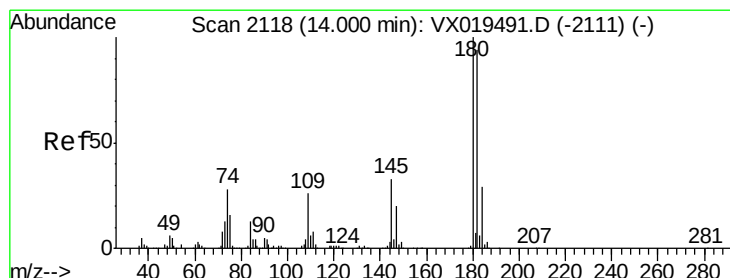
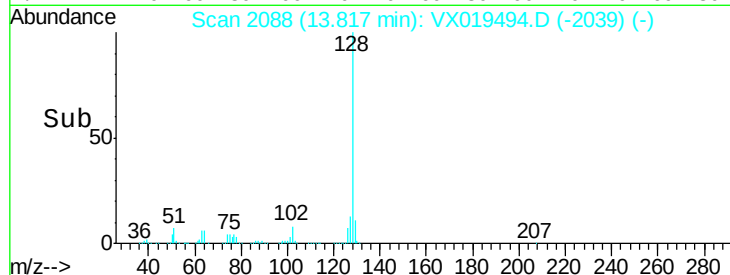
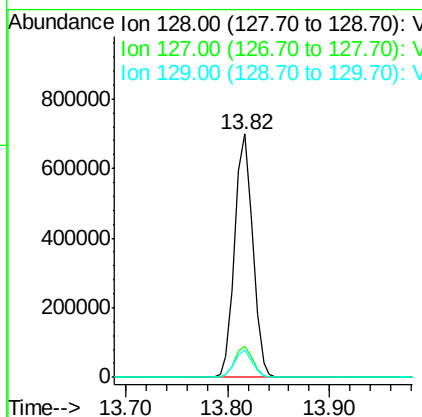
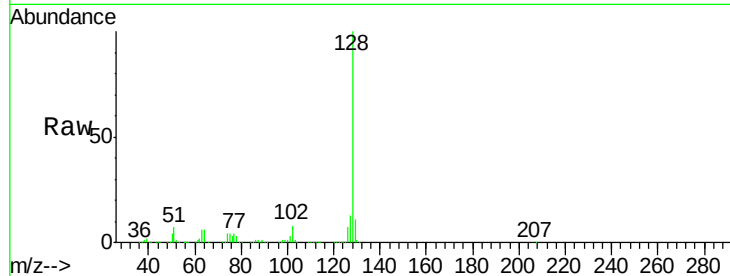
#95
Naphthalene
Concen: 52.649 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Instrument :
MSVOA_X
ClientSampleId :
ICVVX112120

Tot Ion	Ratio	Resp	Lower	Upper
128	100	845836		
127	12.8		10.3	15.5
129	11.0		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
11/23/2020 3:50:43 PM



#96
1,2,3-Trichlorobenzene
Concen: 57.043 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019494.D
Acq: 20 Nov 2020 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	259308		
182	94.9		48.1	144.3
145	32.9		16.6	49.8

