

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120420\
 Data File : VX019718.D
 Acq On : 04 Dec 2020 15:41
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX120420

Manual Integrations
 APPROVED

MMDadoda
 12/7/2020 10:55:43 AM

Quant Time: Dec 05 04:12:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	354128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	572267	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	528725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	271639	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	218609	46.97	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.94%
35) Dibromofluoromethane	5.46	113	177650	48.03	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.06%
50) Toluene-d8	8.70	98	690060	48.87	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.74%
62) 4-Bromofluorobenzene	11.12	95	269573	50.16	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	100.32%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	163175	50.329	ug/l 100
3) Chloromethane	1.31	50	171960	45.099	ug/l 100
4) Vinyl Chloride	1.39	62	198007	49.250	ug/l 100
5) Bromomethane	1.62	94	66062	49.486	ug/l 97
6) Chloroethane	1.70	64	123026	50.939	ug/l 98
7) Trichlorofluoromethane	1.91	101	275652	49.231	ug/l 98
8) Diethyl Ether	2.17	74	114836	48.398	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	159042	49.556	ug/l 99
10) Methyl Iodide	2.49	142	235772	49.841	ug/l 100
11) Tert butyl alcohol	3.01	59	232466	242.875	ug/l 100
12) 1,1-Dichloroethene	2.35	96	158330	48.798	ug/l 94
13) Acrolein	2.27	56	112468	218.918	ug/l 99
14) Allyl chloride	2.70	41	265551	48.460	ug/l 100
15) Acrylonitrile	3.11	53	500065	237.665	ug/l 99
16) Acetone	2.42	43	408425	233.462	ug/l 100
17) Carbon Disulfide	2.54	76	443071	47.592	ug/l 100
18) Methyl Acetate	2.75	43	205016	47.890	ug/l 100
19) Methyl tert-butyl Ether	3.16	73	587085	49.685	ug/l 99
20) Methylene Chloride	2.83	84	194407	48.637	ug/l 98
21) trans-1,2-Dichloroethene	3.14	96	185914	49.148	ug/l 100
22) Diisopropyl ether	3.82	45	548312	49.490	ug/l 98
23) Vinyl Acetate	3.78	43	2374178	251.525	ug/l 99
24) 1,1-Dichloroethane	3.67	63	325852	48.772	ug/l 100
25) 2-Butanone	4.62	43	643639	239.434	ug/l 100
26) 2,2-Dichloropropane	4.54	77	287335	49.940	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	213875	48.314	ug/l 99
28) Bromochloromethane	4.97	49	155624	48.862	ug/l 99
29) Tetrahydrofuran	5.08	42	412512	238.177	ug/l 100
30) Chloroform	5.17	83	339887	49.476	ug/l 100
31) Cyclohexane	5.54	56	287396	49.640	ug/l 99
32) 1,1,1-Trichloroethane	5.45	97	291135	49.211	ug/l 100
36) 1,1-Dichloropropene	5.76	75	255871	49.480	ug/l 99
37) Ethyl Acetate	4.79	43	247737	47.448	ug/l 100
38) Carbon Tetrachloride	5.74	117	254431	50.244	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	308588	50.792	ug/l	97
40) Benzene	6.10	78	771183	48.820	ug/l	99
41) Methacrylonitrile	4.99	41	138811	48.422	ug/l	100
42) 1,2-Dichloroethane	6.15	62	264317	48.974	ug/l	100
43) Isopropyl Acetate	6.40	43	411612	48.490	ug/l	100
44) Trichloroethene	7.18	130	200465	48.367	ug/l	99
45) 1,2-Dichloropropane	7.48	63	193943	49.125	ug/l	99
46) Dibromomethane	7.63	93	131409	49.289	ug/l	100
47) Bromodichloromethane	7.87	83	264036	49.908	ug/l	99
48) Methyl methacrylate	7.74	41	204738	49.042	ug/l	100
49) 1,4-Dioxane	7.71	88	99451	983.372	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1281921	247.353	ug/l	100
52) Toluene	8.76	92	494167	50.018	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	300684	51.217	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	325953	51.106	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	197849	49.693	ug/l	98
56) Ethyl methacrylate	9.16	69	307939	51.121	ug/l	100
57) 1,3-Dichloropropane	9.35	76	331049	48.696	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	804071	251.971	ug/l	100
59) 2-Hexanone	9.47	43	1011894	251.892	ug/l	99
60) Dibromochloromethane	9.56	129	206738	51.109	ug/l	100
61) 1,2-Dibromoethane	9.65	107	211114	49.935	ug/l	98
64) Tetrachloroethene	9.32	164	174029	49.081	ug/l	96
65) Chlorobenzene	10.12	112	516448	49.028	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	189832	50.070	ug/l	98
67) Ethyl Benzene	10.23	91	950487	50.834	ug/l	100
68) m/p-Xylenes	10.34	106	717282	101.806	ug/l	100
69) o-Xylene	10.68	106	345325	50.952	ug/l	98
70) Styrene	10.70	104	598222	52.294	ug/l	99
71) Bromoform	10.84	173	158374	53.100	ug/l	99
73) Isopropylbenzene	11.00	105	923522	49.763	ug/l	99
74) N-amyl acetate	10.88	43	374105	50.303	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	313112	47.855	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	296348m	48.642	ug/l	
77) Bromobenzene	11.24	156	229233	48.267	ug/l	99
78) n-propylbenzene	11.34	91	1069601	50.462	ug/l	100
79) 2-Chlorotoluene	11.40	91	641180	49.121	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	791540	50.537	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	109837	52.117	ug/l	99
82) 4-Chlorotoluene	11.49	91	761595	49.818	ug/l	99
83) tert-Butylbenzene	11.76	119	777616	50.622	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	811363	51.426	ug/l	100
85) sec-Butylbenzene	11.93	105	892512	50.890	ug/l	100
86) p-Isopropyltoluene	12.05	119	837117	52.081	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	426676	48.949	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	435138	49.012	ug/l	100
89) n-Butylbenzene	12.37	91	743047	52.179	ug/l	100
90) Hexachloroethane	12.58	117	140494	50.629	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	421307	49.582	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	68065	48.391	ug/l	98

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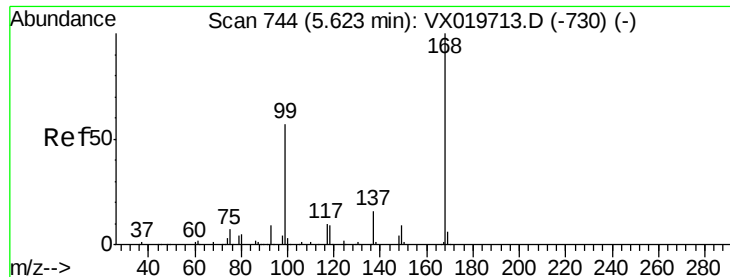
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	278560	50.361	ug/l	99
94) Hexachlorobutadiene	13.76	225	121805	49.269	ug/l	99
95) Naphthalene	13.82	128	922186	51.425	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	271307	50.189	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX120420

Tot Ion:168 Resp: 354128

Ion Ratio Lower Upper

168 100

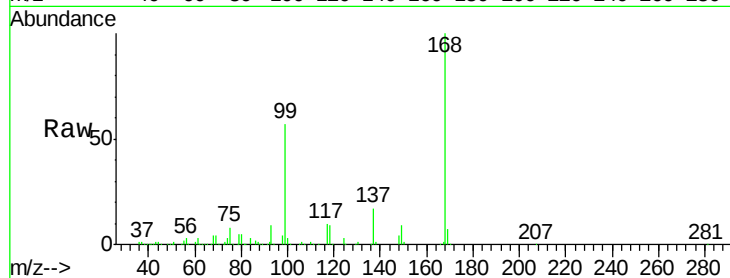
99 57.3 45.8 68.6

Manual Integrations

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12/7/2020 10:55:43 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

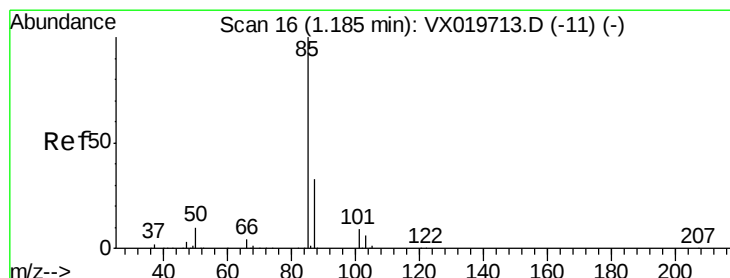
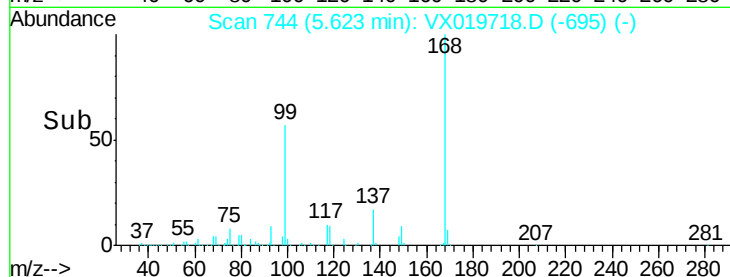
150000

100000

50000

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Time-->



#2

Dichlorodifluoromethane

Concen: 50.329 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019718.D

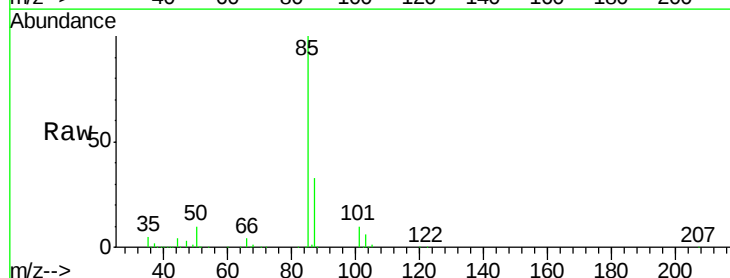
Acq: 04 Dec 2020 15:41

Tgt Ion: 85 Resp: 163175

Ion Ratio Lower Upper

85 100

87 32.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

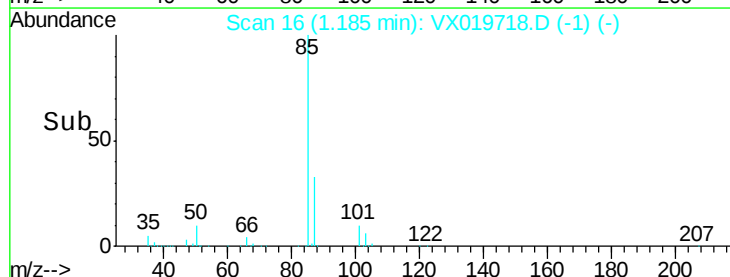
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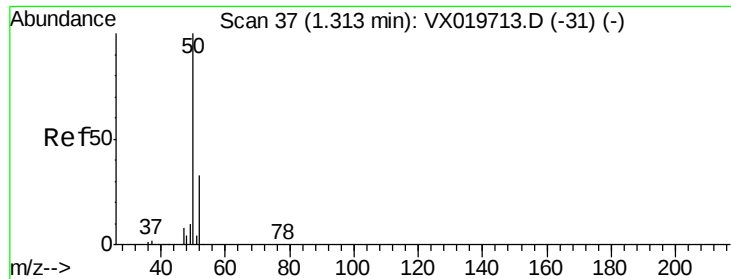
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50000

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Time-->





#3

Chloromethane

Concen: 45.099 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX120420

Tot Ion: 50 Resp: 171960

Ion Ratio Lower Upper

50 100

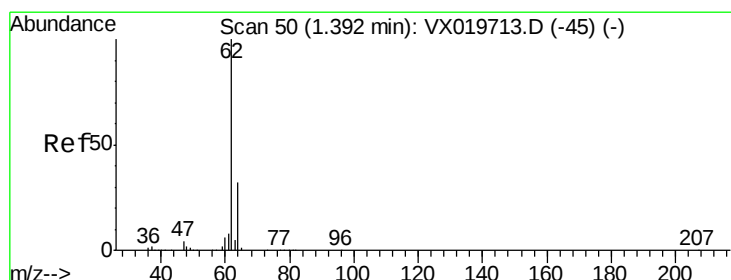
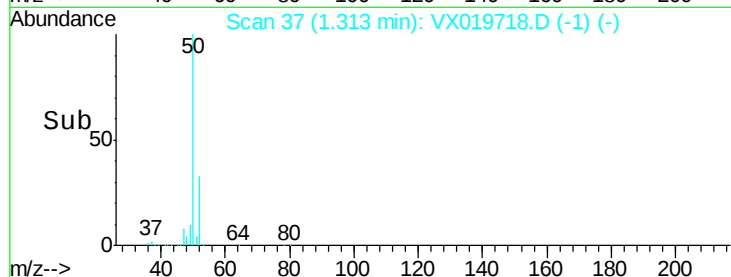
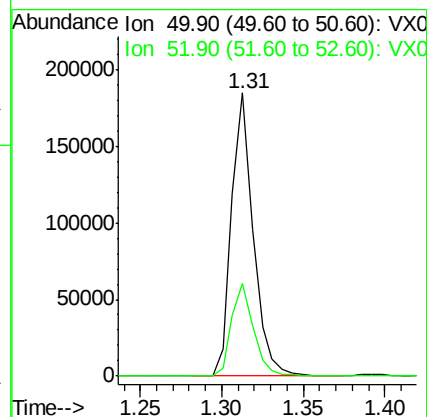
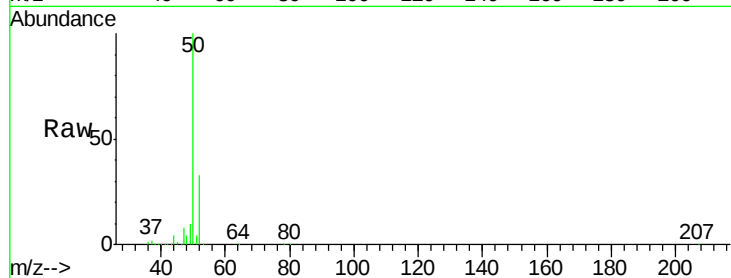
52 32.9 26.4 39.6

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.250 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019718.D

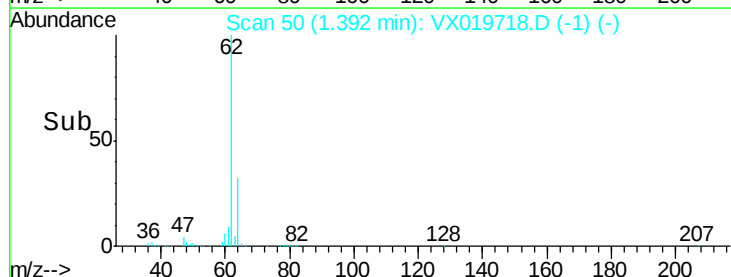
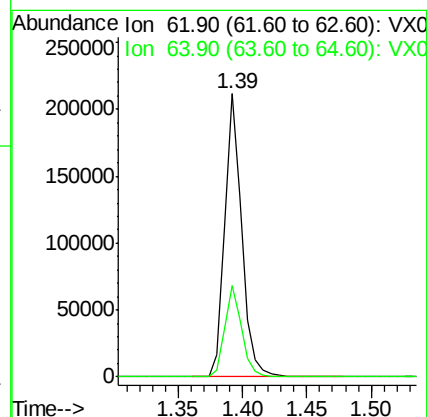
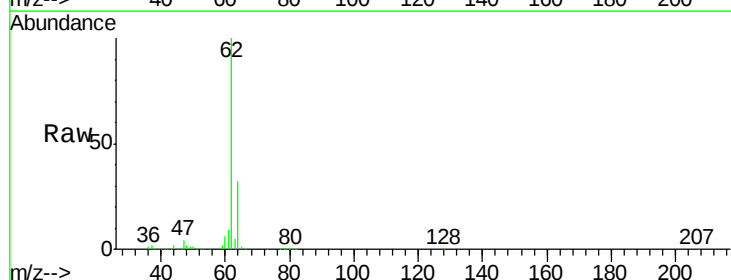
Acq: 04 Dec 2020 15:41

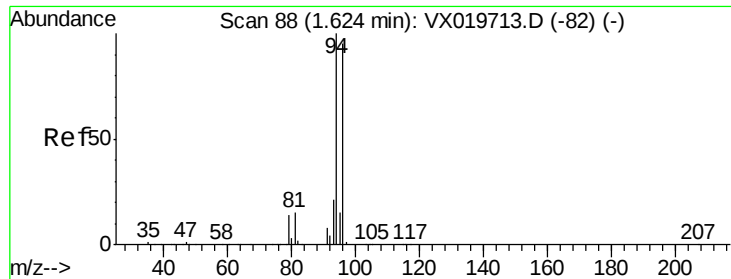
Tgt Ion: 62 Resp: 198007

Ion Ratio Lower Upper

62 100

64 32.2 25.7 38.5





#5

Bromomethane

Concen: 49.486 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX120420

Tot Ion: 94 Resp: 66062

Ion Ratio Lower Upper

94 100

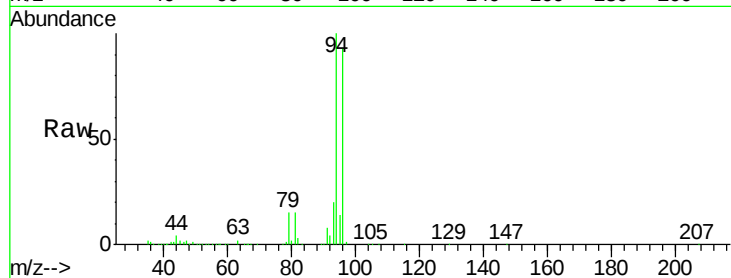
96 92.9 76.4 114.6

Manual Integrations

APPROVED

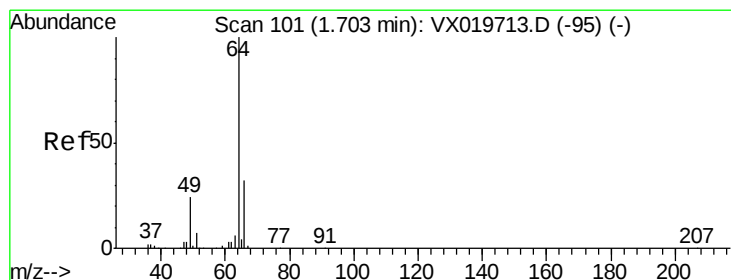
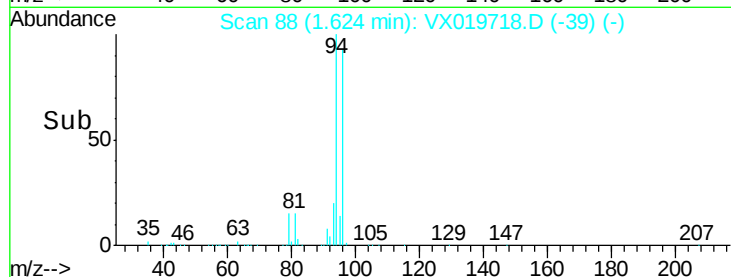
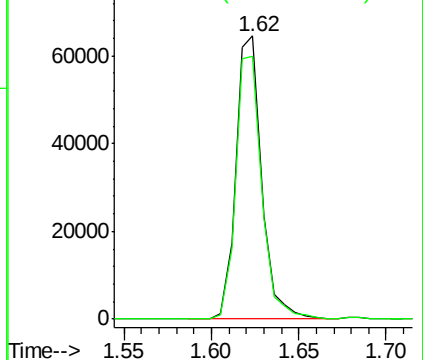
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12/7/2020 10:55:43 AM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 50.939 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX019718.D

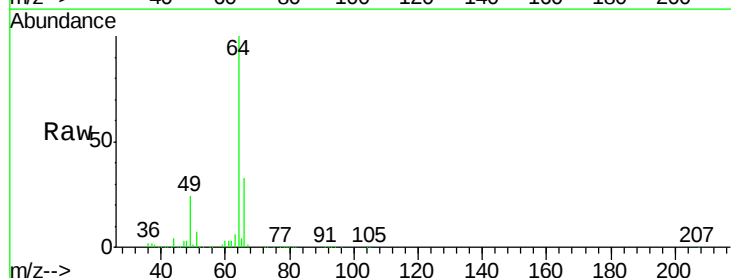
Acq: 04 Dec 2020 15:41

Tgt Ion: 64 Resp: 123026

Ion Ratio Lower Upper

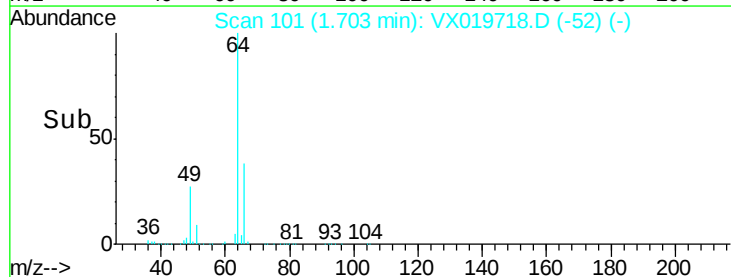
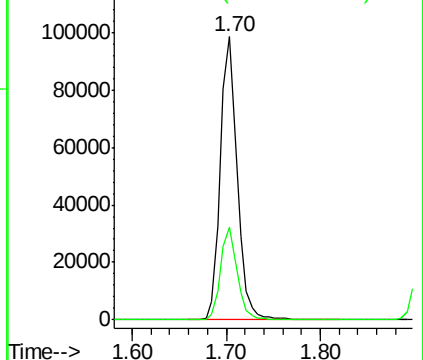
64 100

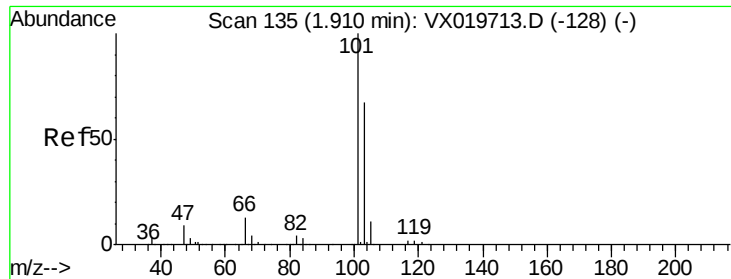
66 32.7 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

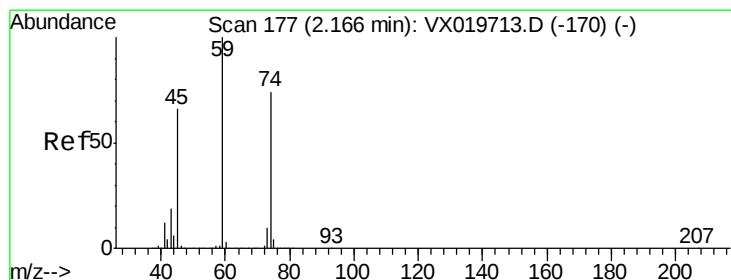
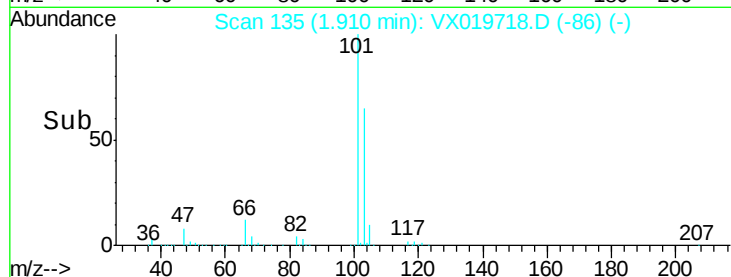
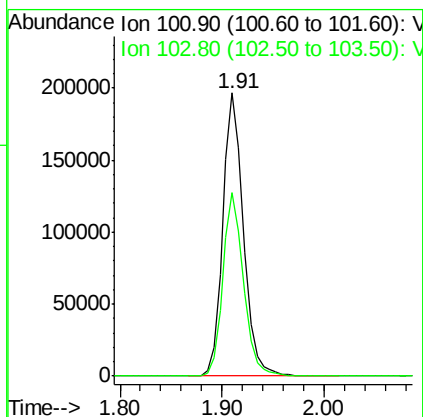
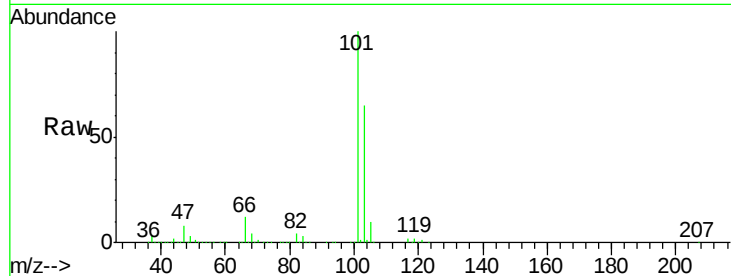
Trichlorofluoromethane
Concen: 49.231 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

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ClientSampleId :
ICVVX120420

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	53.2	79.8

Manual Integrations
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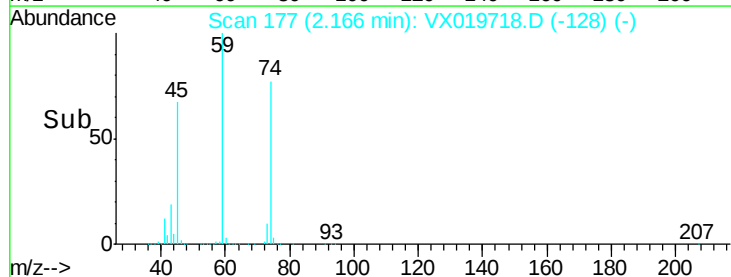
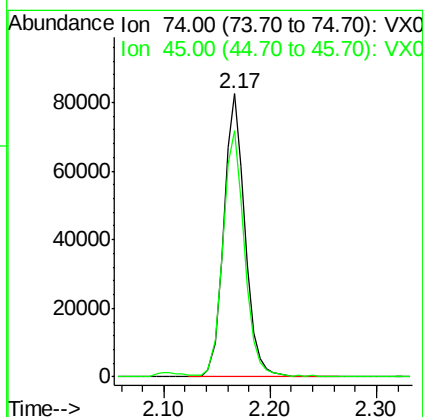
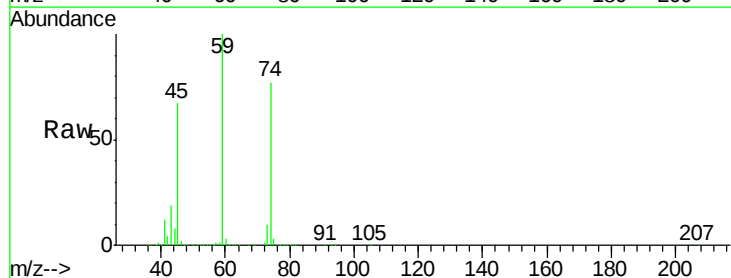
MMDadoda
12/7/2020 10:55:43 AM

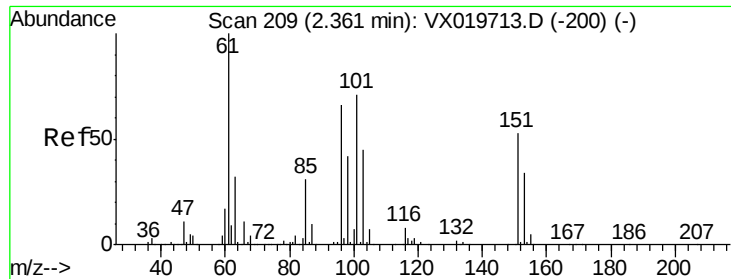


#8

Diethyl Ether
Concen: 48.398 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.1	44.5	133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.556 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

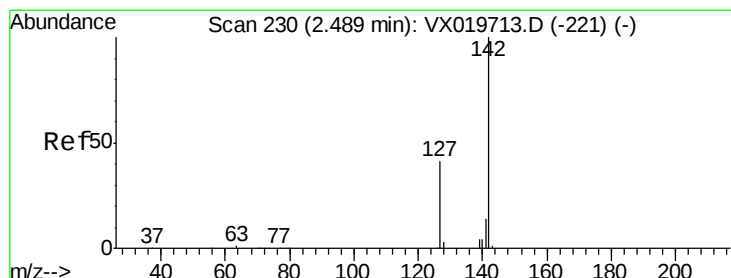
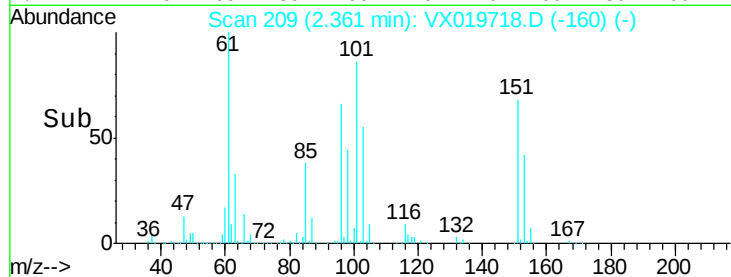
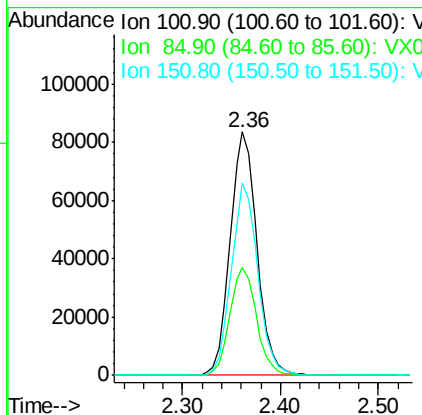
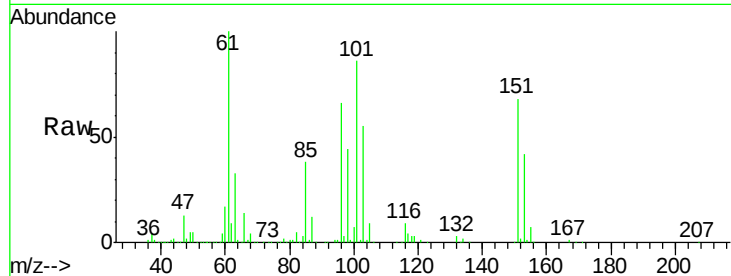
ClientSampled :

ICVVX120420

Tot Ion:	101	Resp:	159042
Ion Ratio	Lower	Upper	
101	100		
85	43.8	34.9	52.3
151	77.9	61.4	92.2

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#10

Methyl Iodide

Concen: 49.841 ug/l

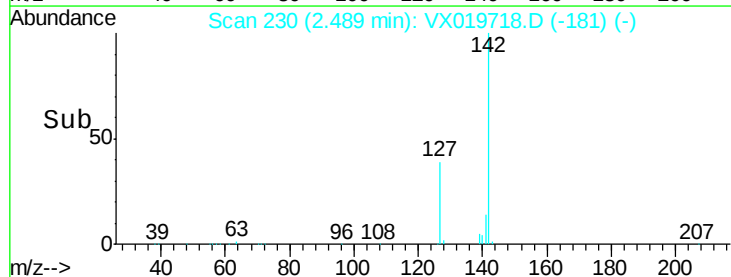
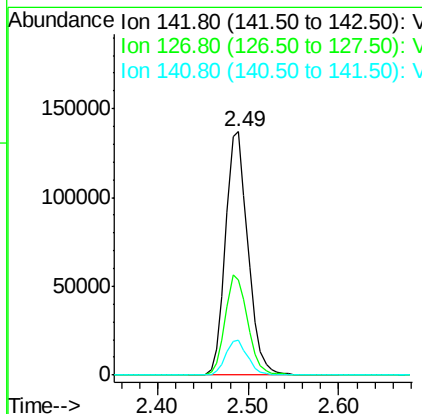
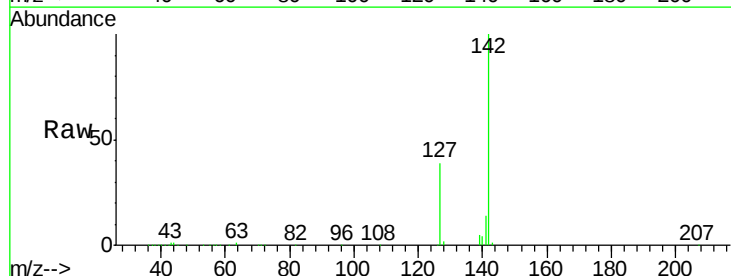
RT: 2.49 min Scan# 230

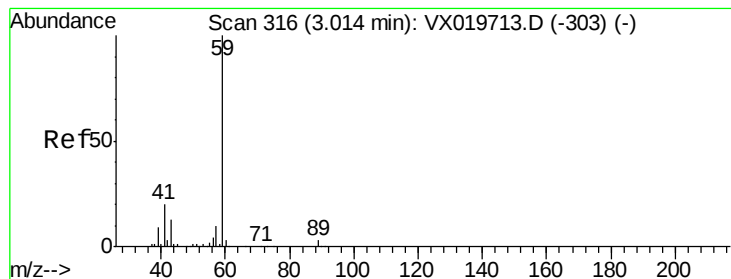
Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Tgt Ion:	142	Resp:	235772
Ion Ratio	Lower	Upper	
142	100		
127	41.5	33.3	49.9
141	14.2	11.4	17.0





#11

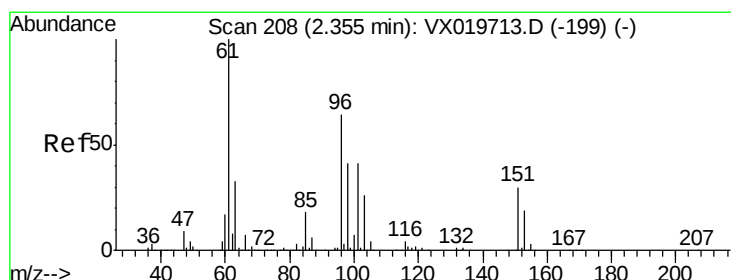
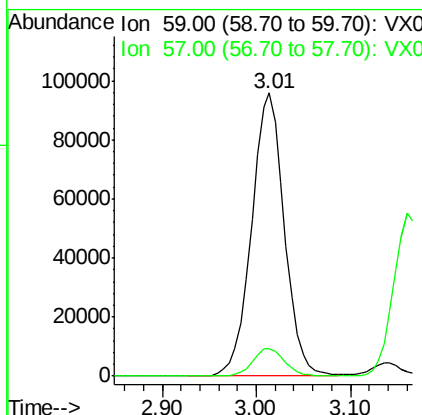
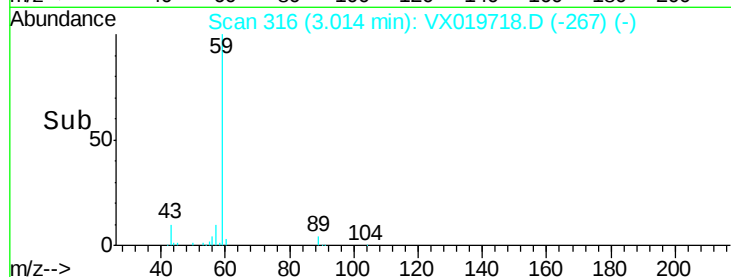
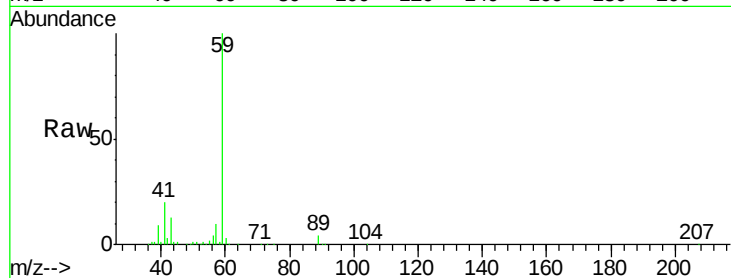
Tert butyl alcohol
Concen: 242.875 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120420

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	232466		
57	57	9.7		7.8	11.8

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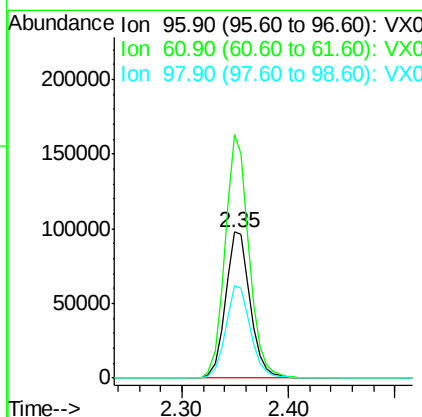
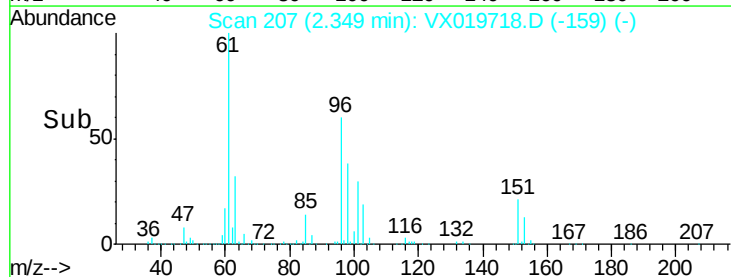
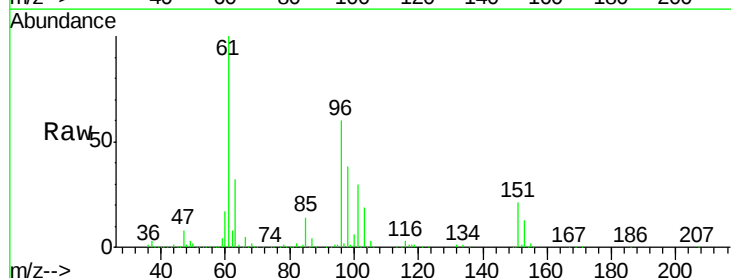
MMDadoda
12/7/2020 10:55:43 AM

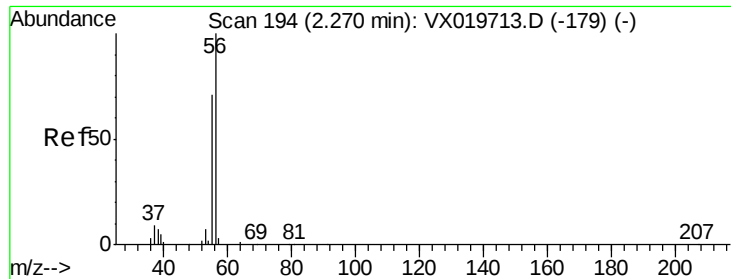


#12

1,1-Dichloroethene
Concen: 48.798 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	158330		
61	61	166.9		124.6	187.0
98	98	63.7		50.6	76.0





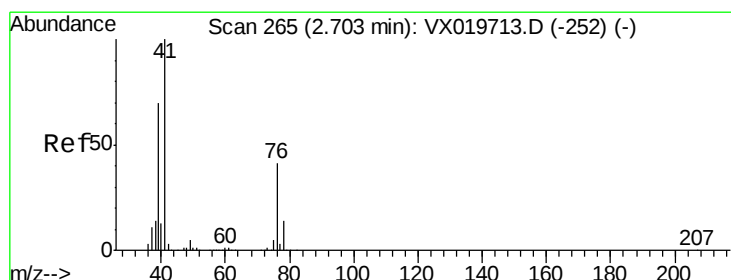
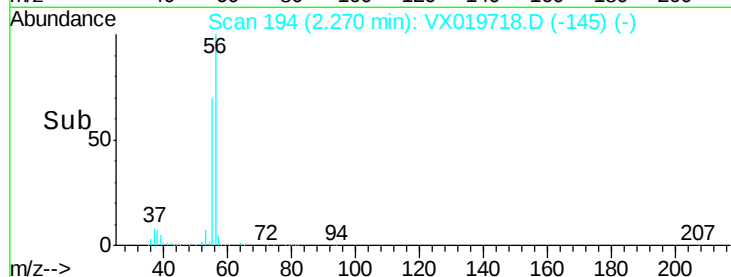
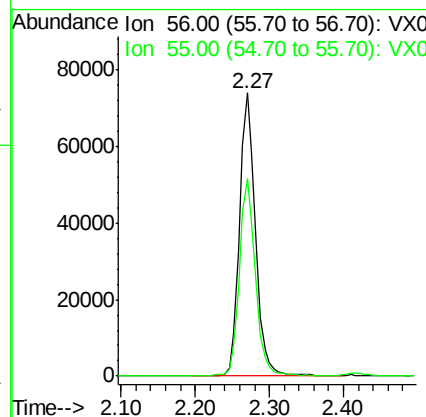
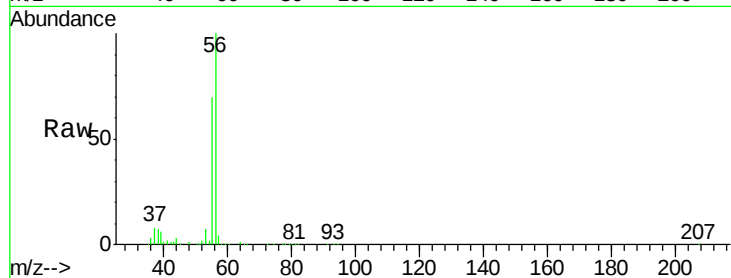
#13
Acrolein
Concen: 218.918 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120420

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.4	56.4	84.6

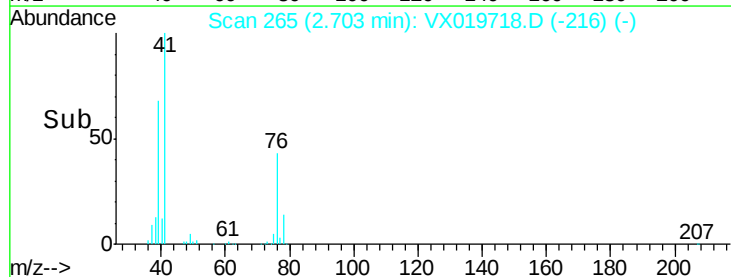
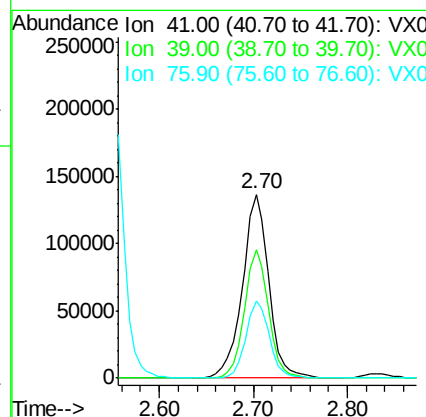
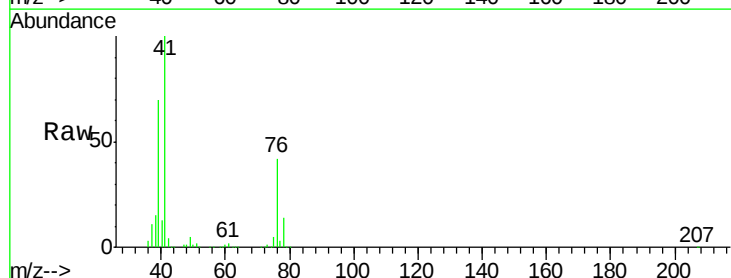
Manual Integrations
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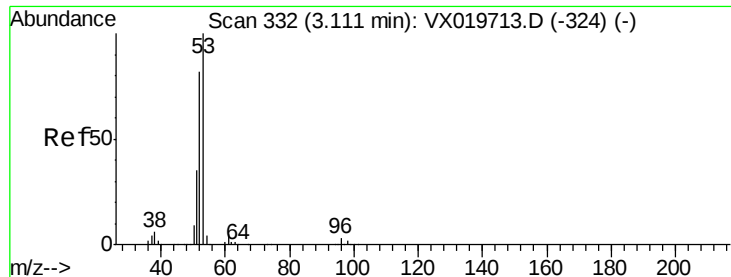
MMDadoda
12/7/2020 10:55:43 AM



#14
Allyl chloride
Concen: 48.460 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.5	51.6	77.4
76	37.8	30.5	45.7





#15

Acrylonitrile

Concen: 237.665 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

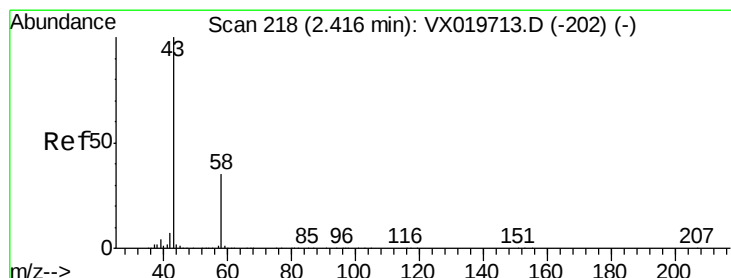
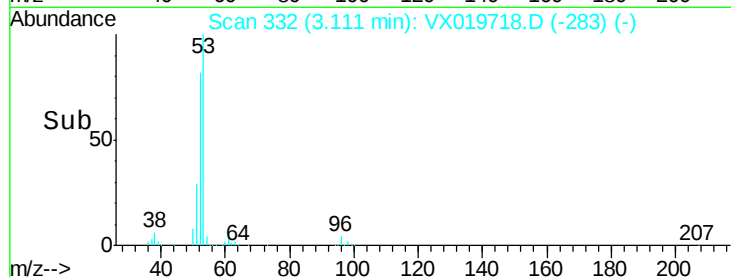
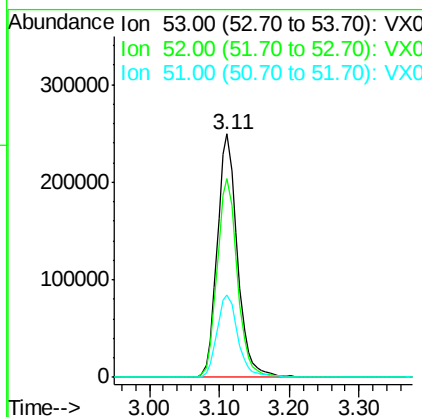
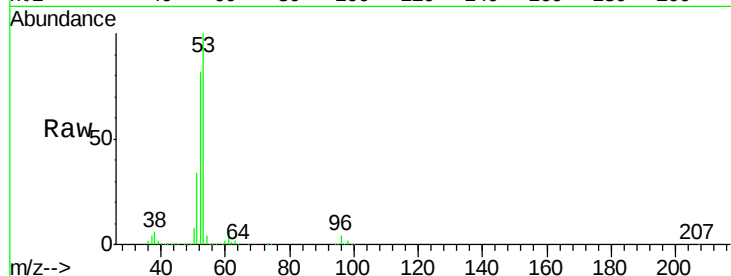
ClientSampleId :

ICVVX120420

Tot Ion:	53	Resp:	500065
Ion Ratio	Lower	Upper	
53	100		
52	82.3	65.3	97.9
51	35.5	28.2	42.2

Manual Integrations
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12/7/2020 10:55:43 AM



#16

Acetone

Concen: 233.462 ug/l

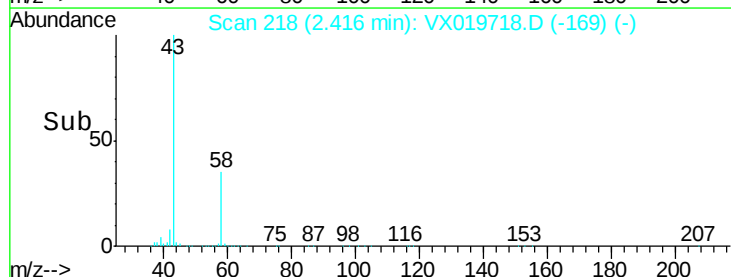
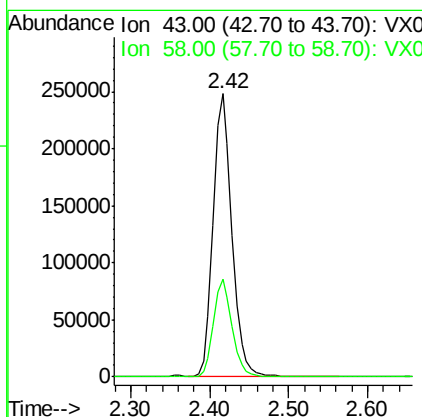
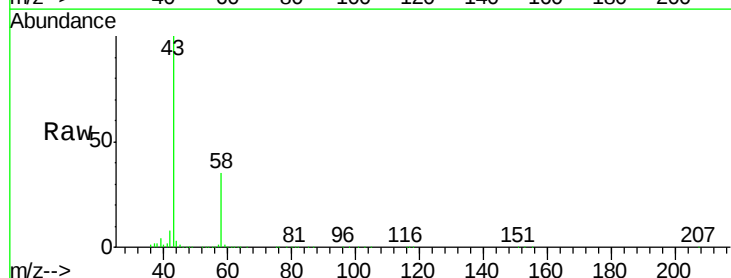
RT: 2.42 min Scan# 218

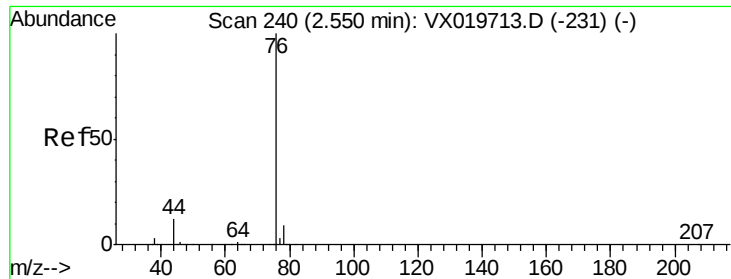
Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Tgt Ion:	43	Resp:	408425
Ion Ratio	Lower	Upper	
43	100		
58	34.6	27.8	41.8





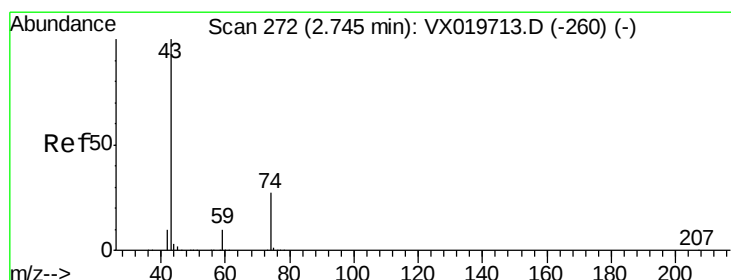
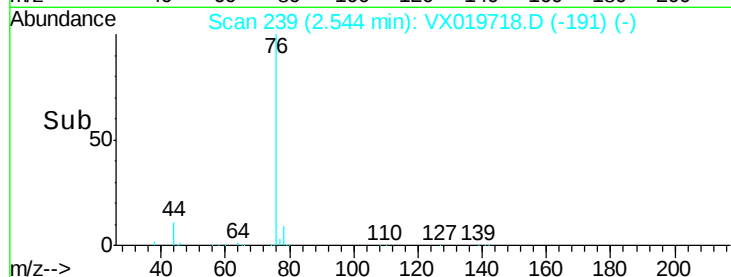
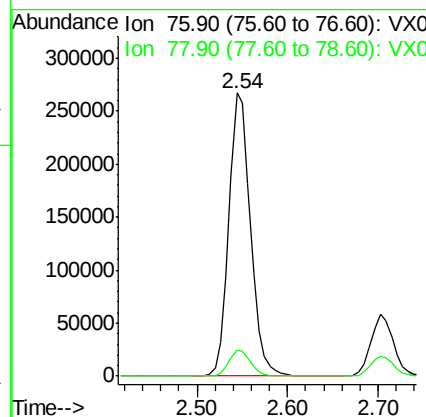
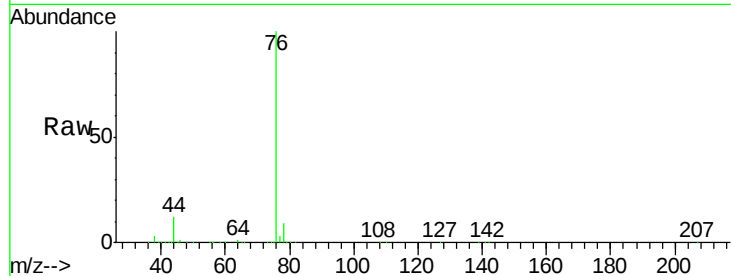
#17
Carbon Disulfide
Concen: 47.592 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120420

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.2	10.8

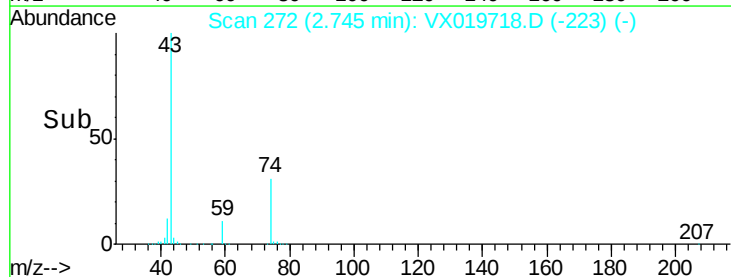
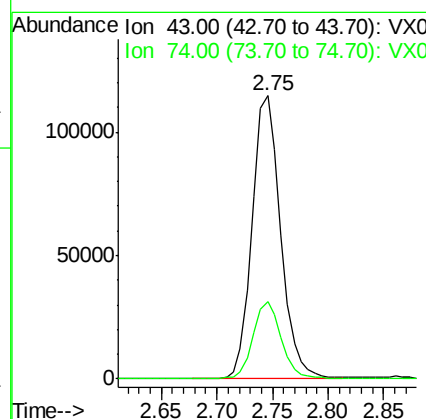
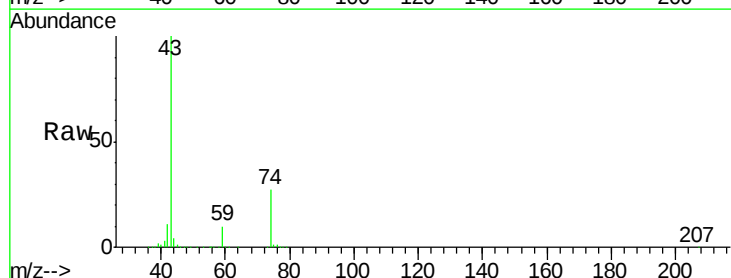
Manual Integrations
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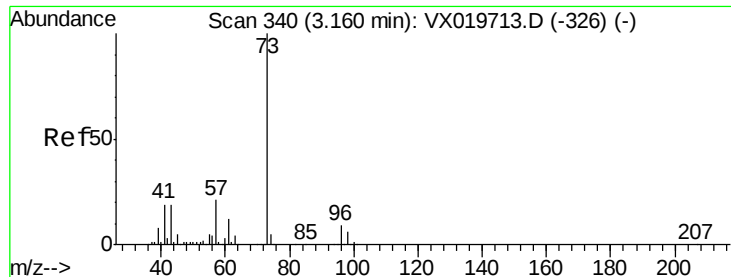
MMDadoda
12/7/2020 10:55:43 AM



#18
Methyl Acetate
Concen: 47.890 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.5	21.9	32.9





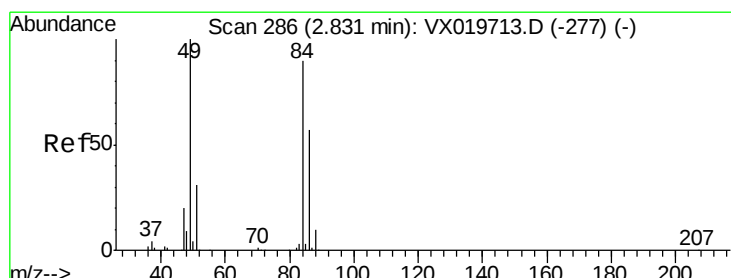
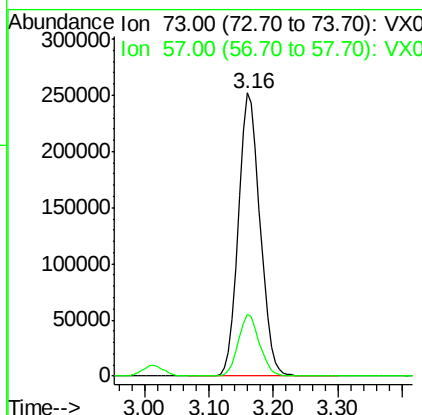
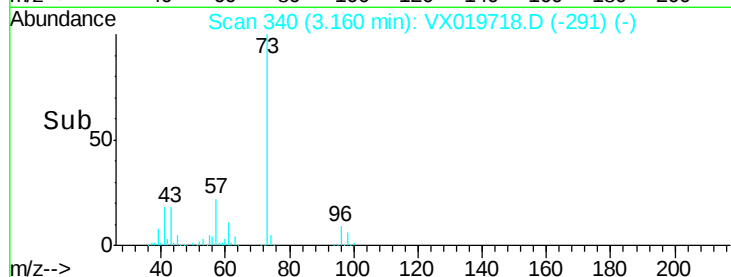
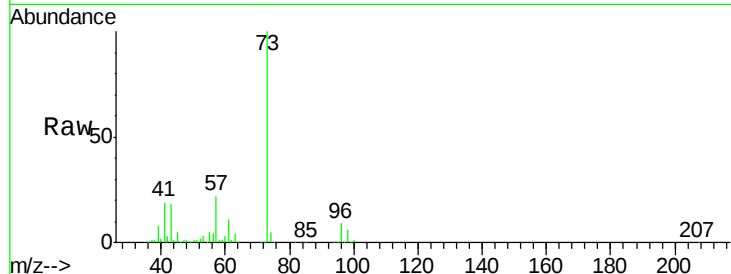
#19
Methvl tert-butvl Ether
Concen: 49.685 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120420

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.1	25.7

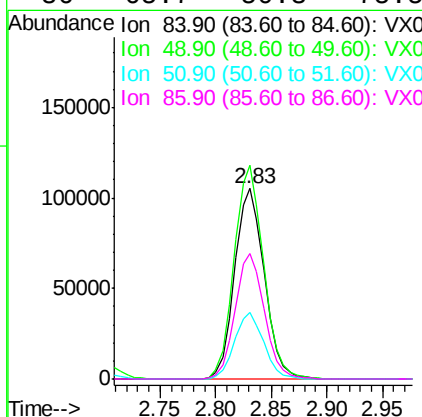
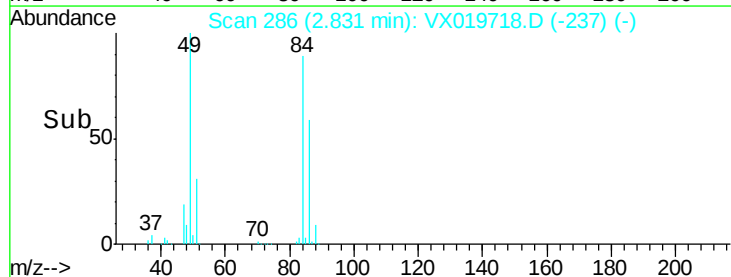
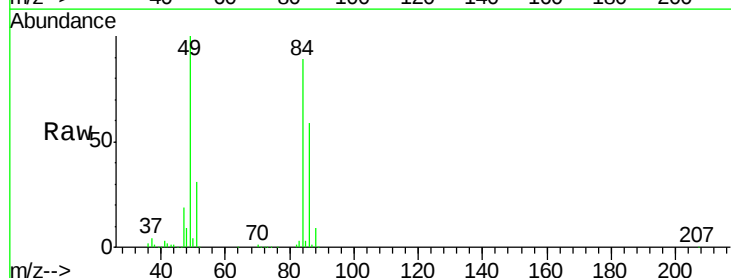
Manual Integrations
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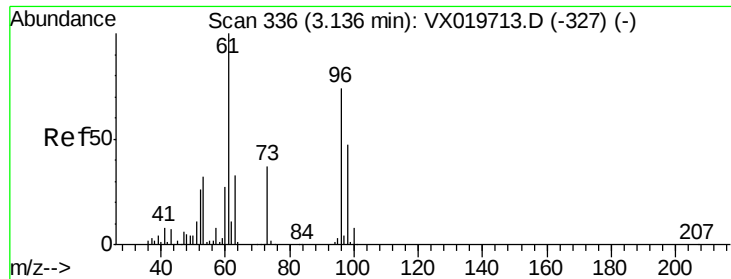
MMDadoda
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#20
Methylene Chloride
Concen: 48.637 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion	Ratio	Lower	Upper
84	100		
49	112.0	88.6	132.8
51	34.6	27.0	40.6
86	65.7	50.3	75.5





#21

trans-1,2-Dichloroethene

Concen: 49.148 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

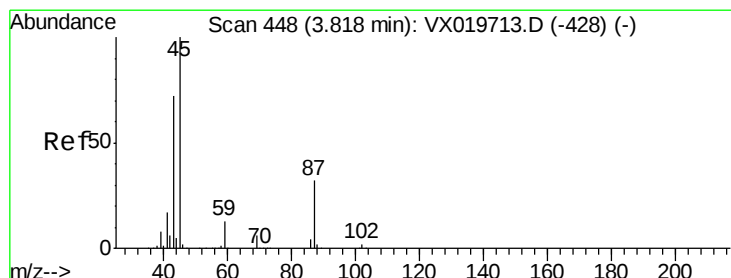
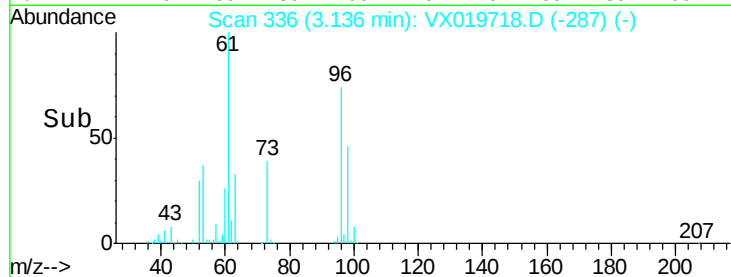
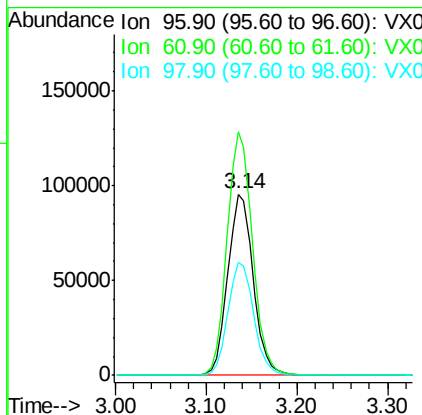
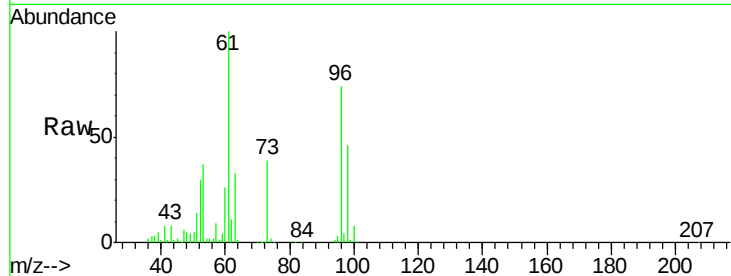
ClientSampleId :

ICVVX120420

Tot Ion:	96	Resp:	185914
Ion	Ratio	Lower	Upper
96	100		
61	134.5	107.7	161.5
98	62.2	50.4	75.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.490 ug/l

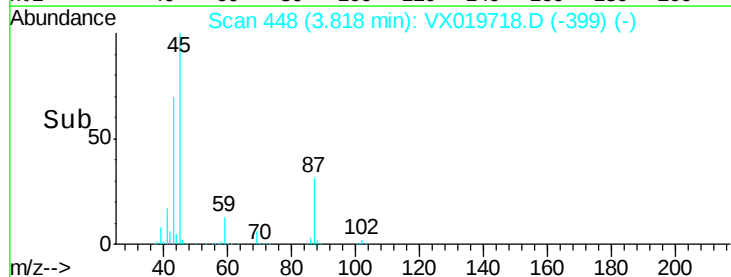
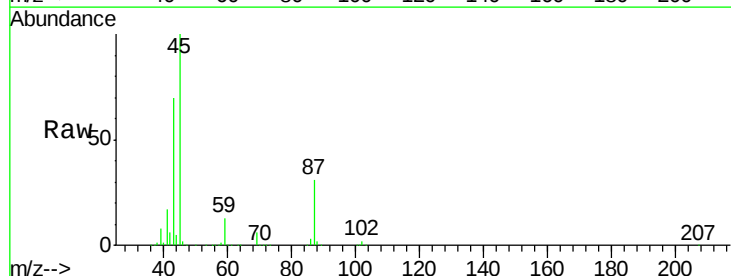
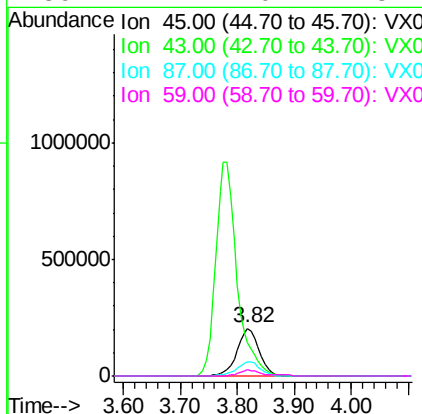
RT: 3.82 min Scan# 448

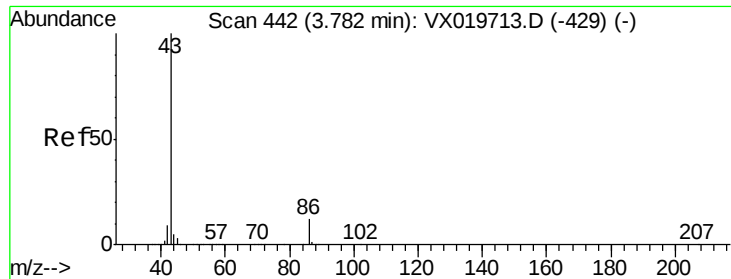
Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Tgt Ion:	45	Resp:	548312
Ion	Ratio	Lower	Upper
45	100		
43	70.2	58.0	87.0
87	30.9	25.4	38.0
59	12.7	10.2	15.2





#23

Vinyl Acetate

Concen: 251.525 ug/l

RT: 3.78 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampled :

ICVVX120420

Tot Ion: 43 Resp: 2374178

Ion Ratio Lower Upper

43 100

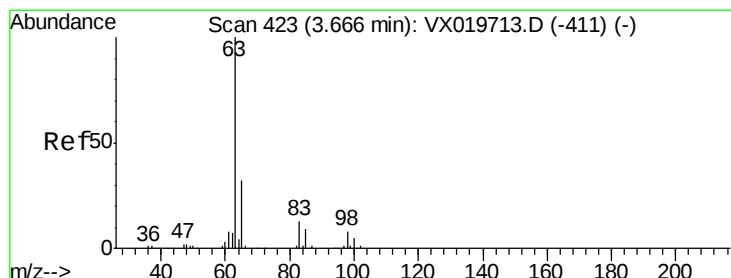
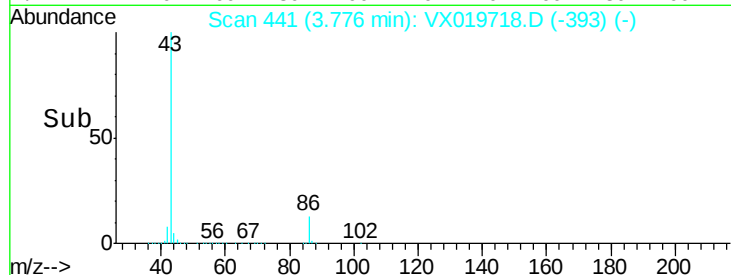
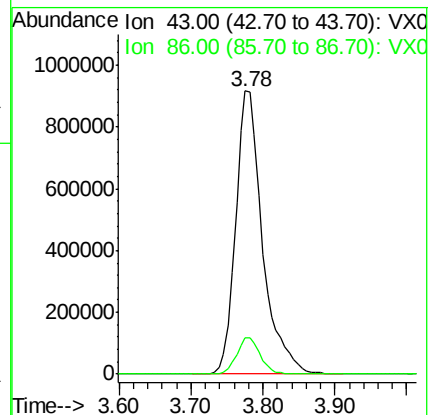
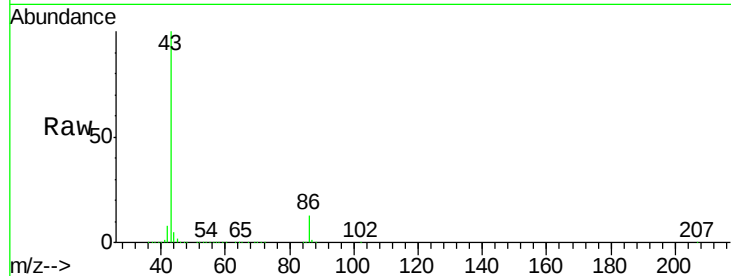
86 12.7 9.9 14.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 48.772 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

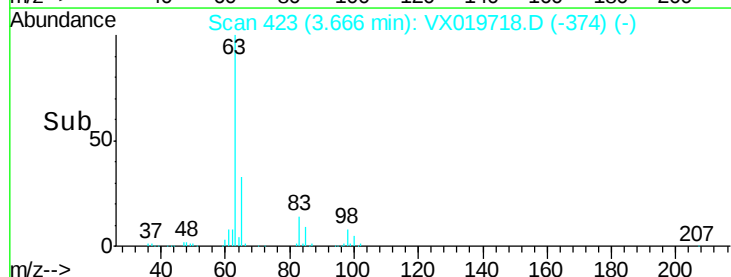
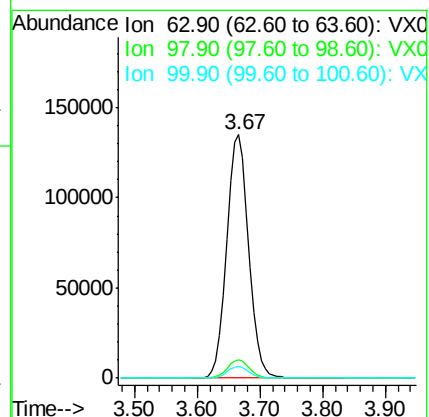
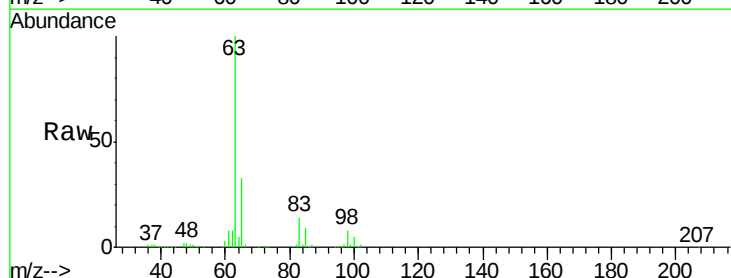
Tgt Ion: 63 Resp: 325852

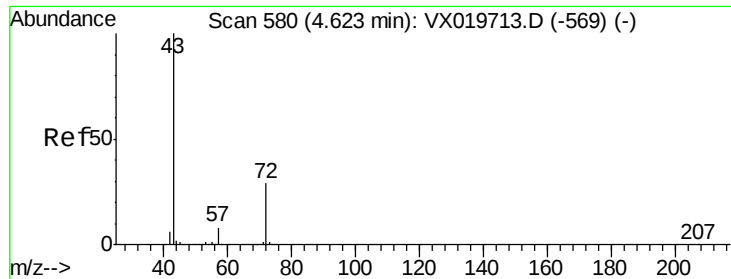
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.2

100 4.9 2.5 7.5





#25

2-Butanone

Concen: 239.434 ug/l

RT: 4.62 min Scan# 580

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX120420

Tot Ion: 43 Resp: 643639

Ion Ratio Lower Upper

43 100

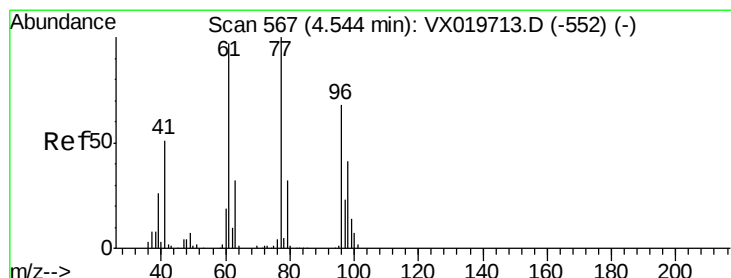
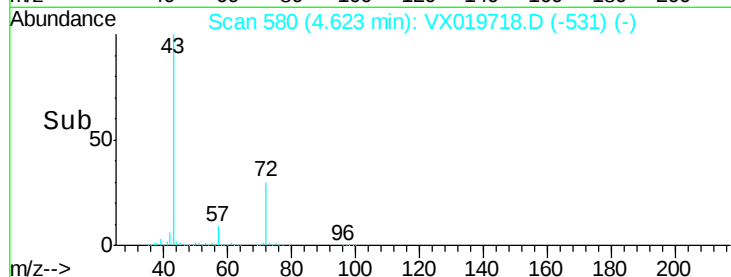
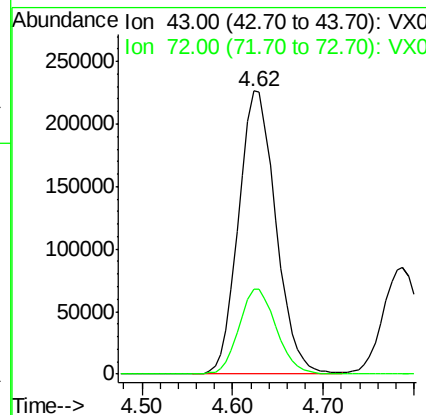
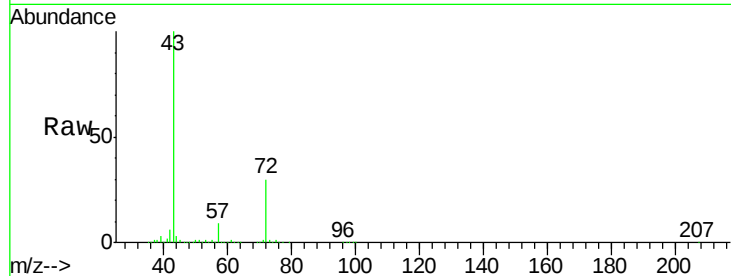
72 29.8 23.7 35.5

Manual Integrations

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MMDadoda

12/7/2020 10:55:43 AM



#26

2,2-Dichloropropane

Concen: 49.940 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019718.D

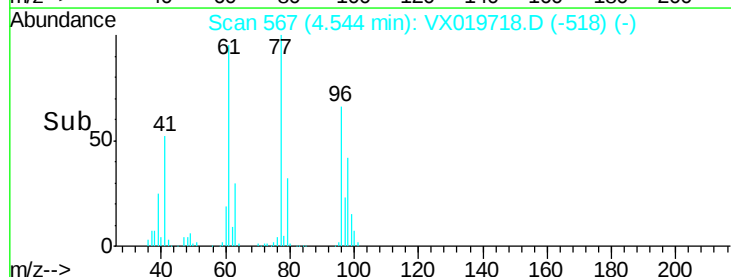
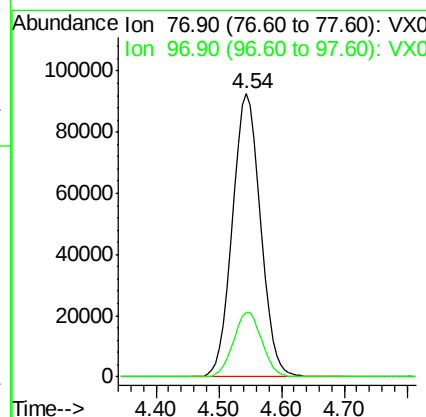
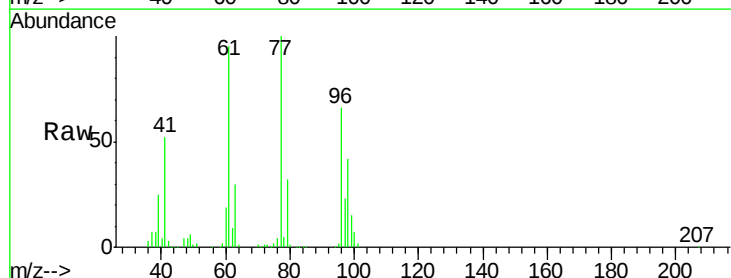
Acq: 04 Dec 2020 15:41

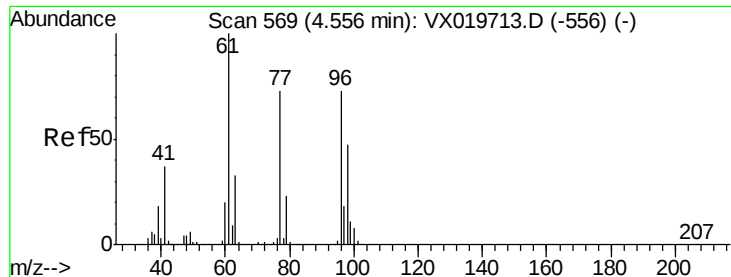
Tgt Ion: 77 Resp: 287335

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.1





#27

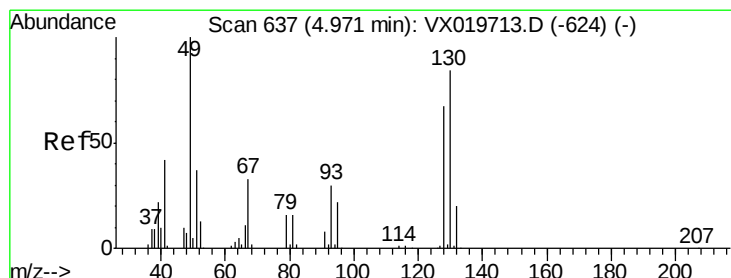
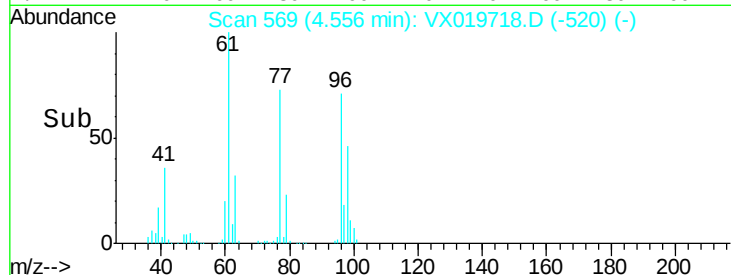
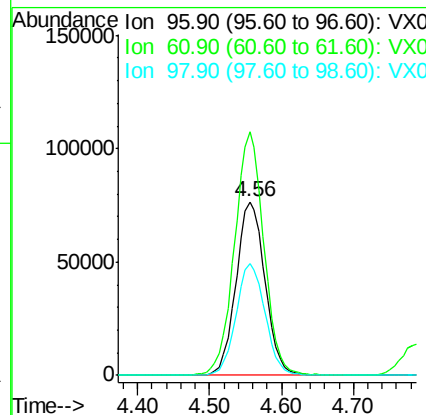
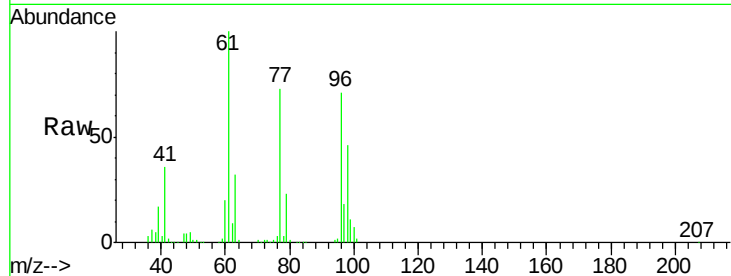
cis-1,2-Dichloroethene
Concen: 48.314 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120420

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	142.2	0.0	285.6	
98	64.3	0.0	129.6	

Manual Integrations
APPROVED

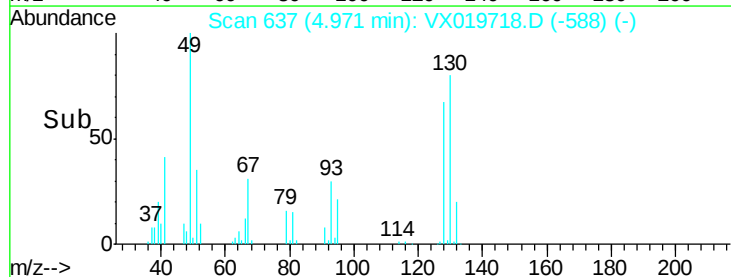
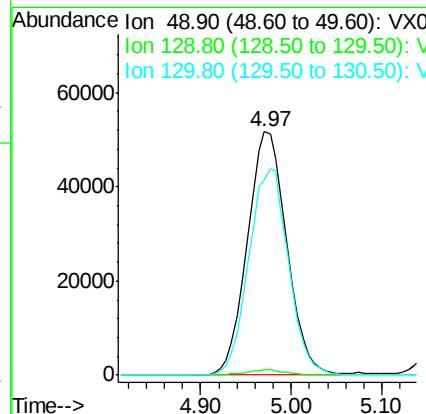
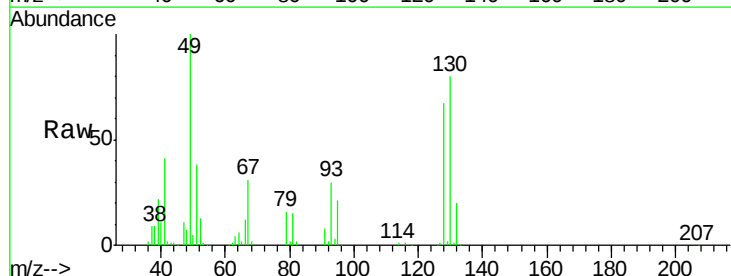
MMDadoda
12/7/2020 10:55:43 AM

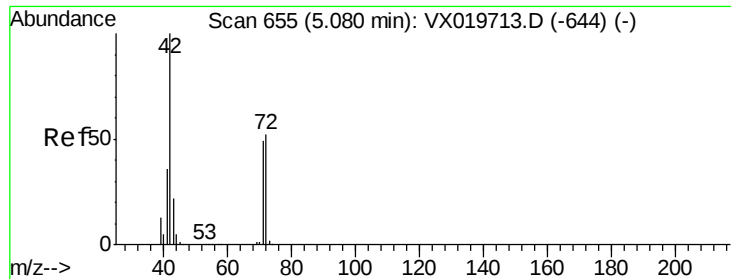


#28

Bromochloromethane
Concen: 48.862 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	4.0	
130	85.7	68.2	102.2	





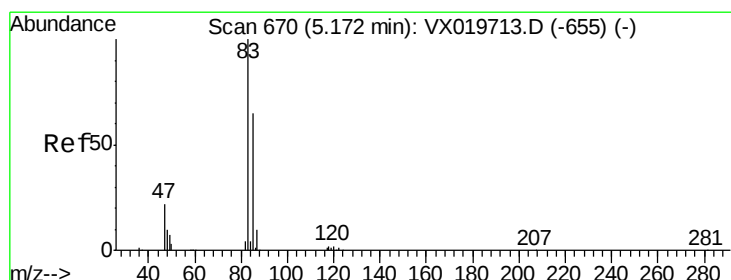
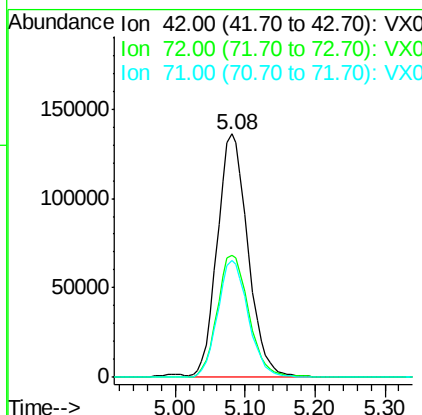
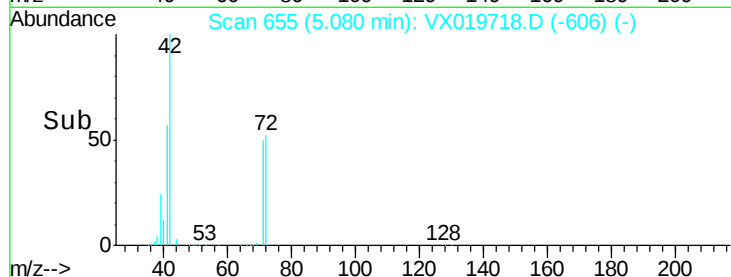
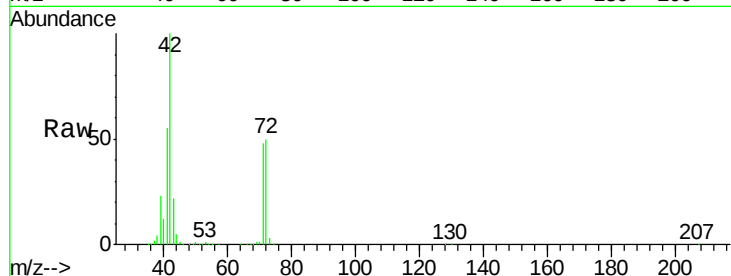
#29
Tetrahydrofuran
Concen: 238.177 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120420

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.1	41.7	62.5
71	48.1	38.4	57.6

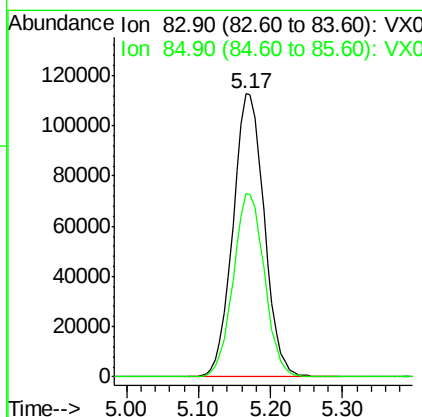
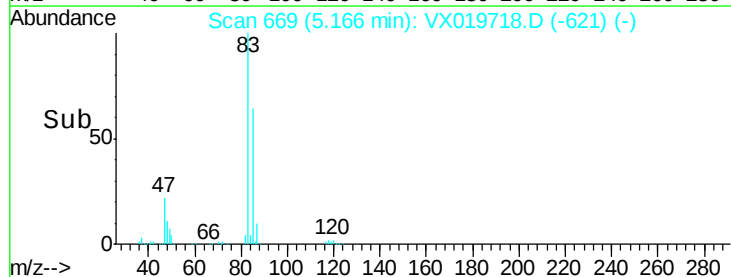
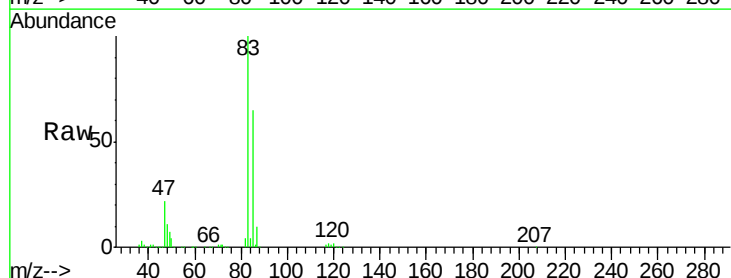
Manual Integrations
APPROVED

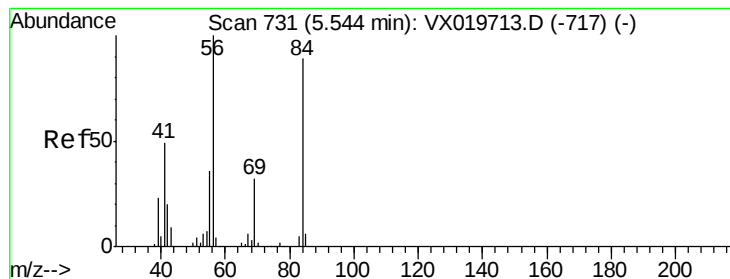
MMDadoda
12/7/2020 10:55:43 AM



#30
Chloroform
Concen: 49.476 ug/l
RT: 5.17 min Scan# 669
Delta R.T. -0.01 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	52.0	78.0





#31

Cyclohexane

Concen: 49.640 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX120420

Tot Ion: 56 Resp: 287396

Ion Ratio Lower Upper

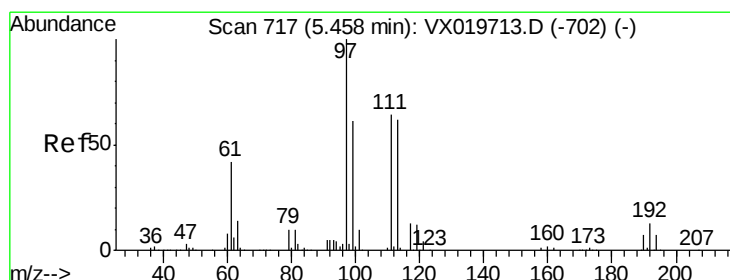
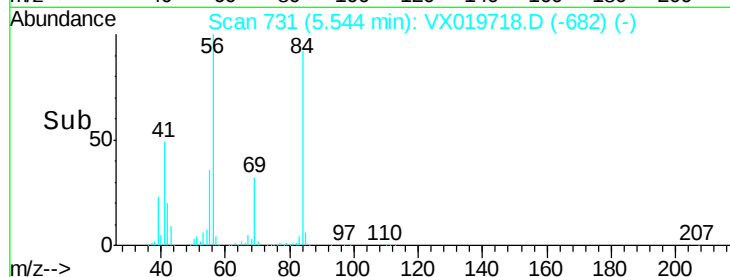
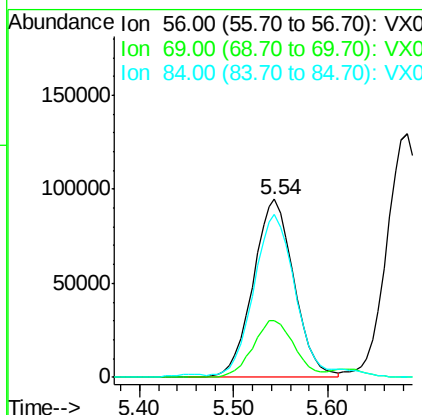
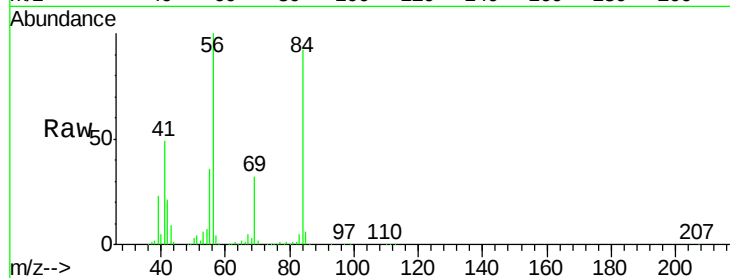
56 100

69 32.1 25.3 37.9

84 90.2 71.4 107.0

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:55:43 AM



#32

1,1,1-Trichloroethane

Concen: 49.211 ug/l

RT: 5.45 min Scan# 716

Delta R.T. -0.01 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

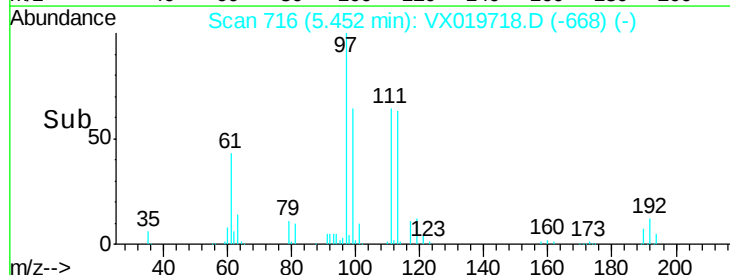
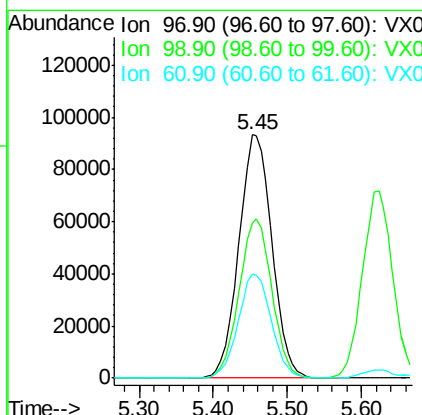
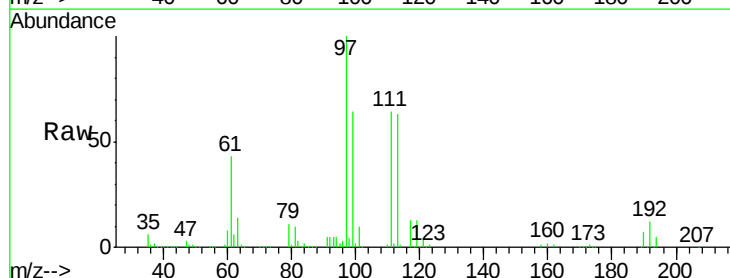
Tgt Ion: 97 Resp: 291135

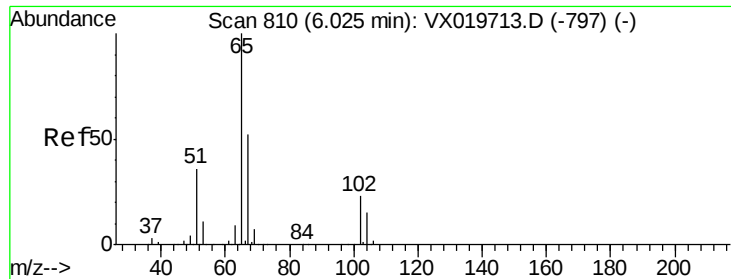
Ion Ratio Lower Upper

97 100

99 64.7 51.5 77.3

61 42.9 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 46.969 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX120420

Tot Ion: 65 Resp: 218609

Ion Ratio Lower Upper

65 100

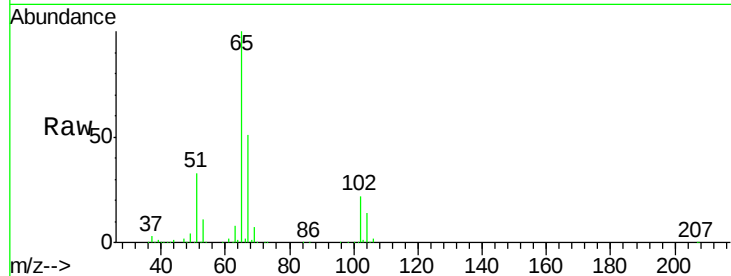
67 52.6 0.0 105.4

Manual Integrations

APPROVED

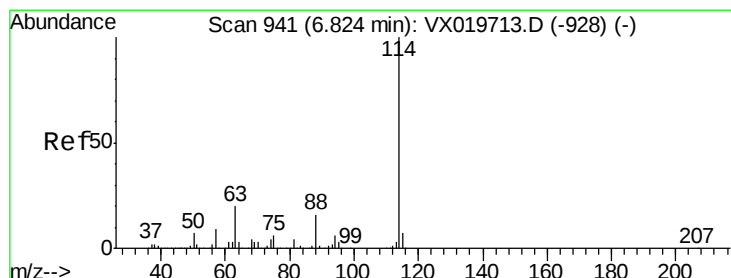
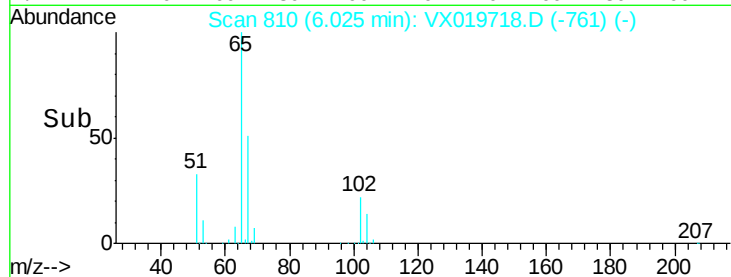
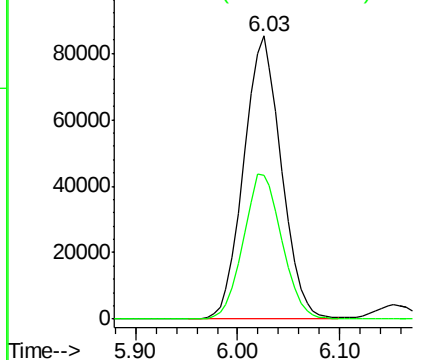
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12/7/2020 10:55:43 AM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

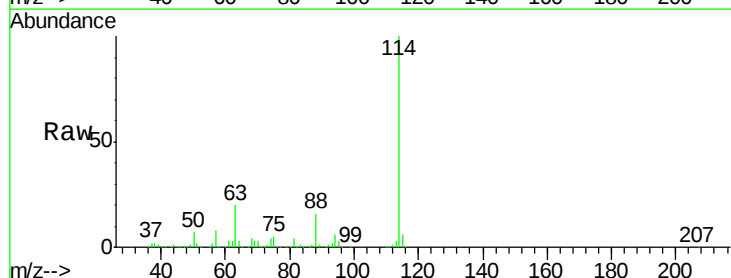
Tgt Ion: 114 Resp: 572267

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

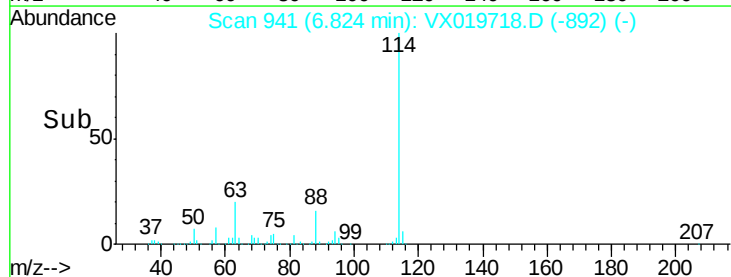
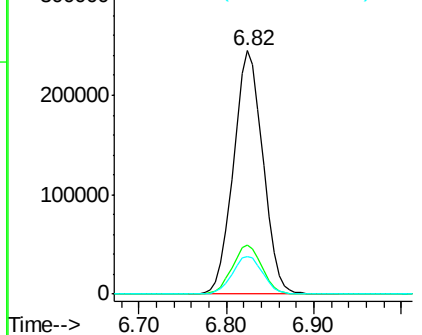
88 15.5 0.0 32.8

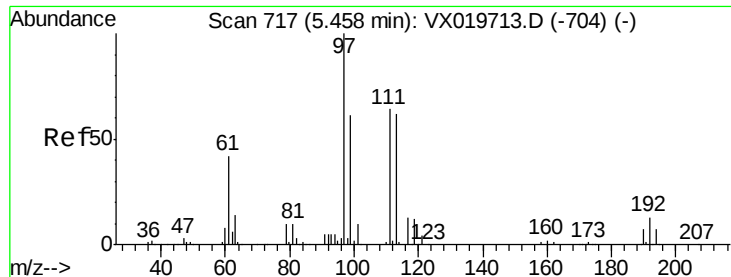


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





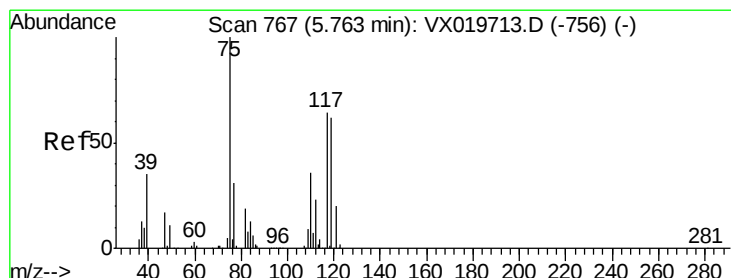
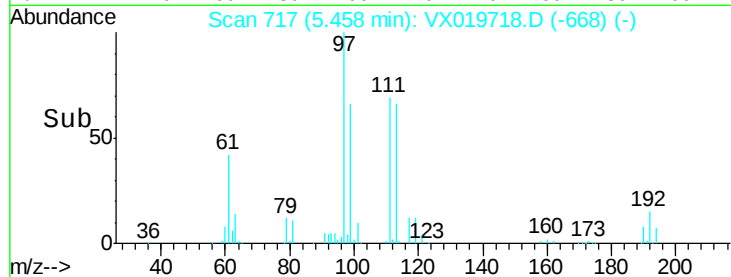
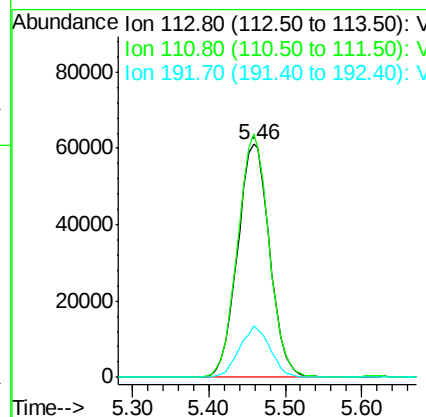
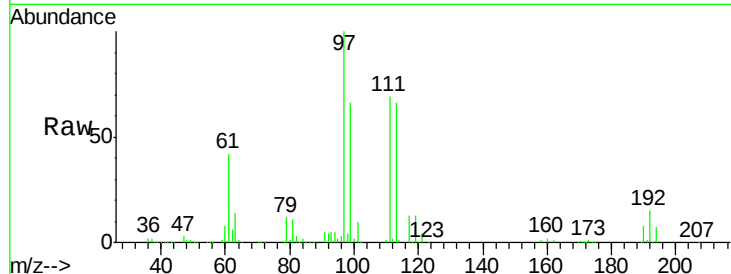
#35
Dibromofluoromethane
Concen: 48.033 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120420

Tot Ion	Ratio	Resp	Lower	Upper
113	100	177650		
111	102.1	81.9	122.9	
192	21.1	16.7	25.1	

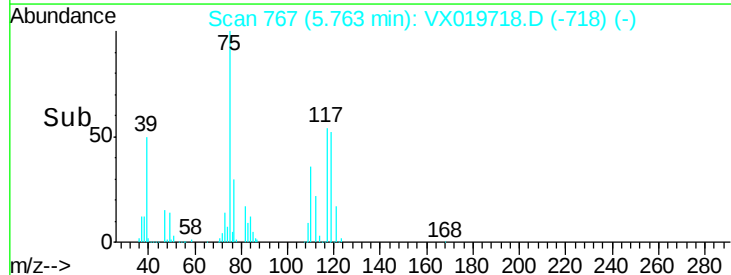
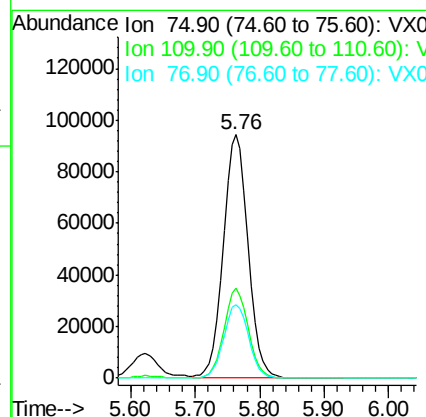
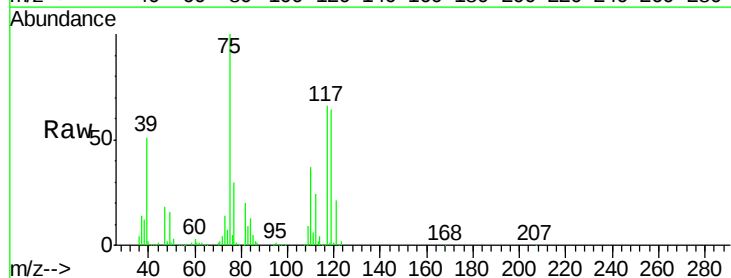
Manual Integrations
APPROVED

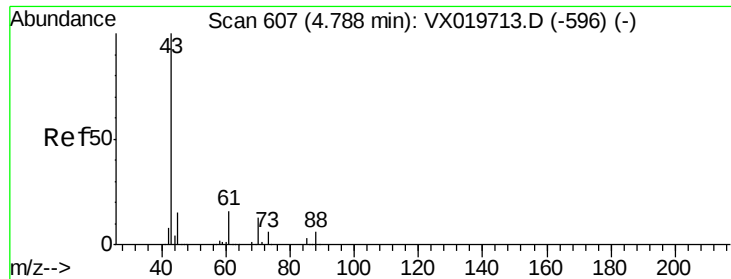
MMDadoda
12/7/2020 10:55:43 AM



#36
1,1-Dichloropropene
Concen: 49.480 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	255871		
110	36.2	18.1	54.4	
77	30.8	25.3	37.9	





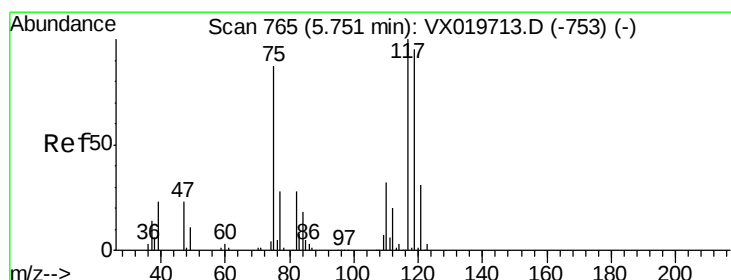
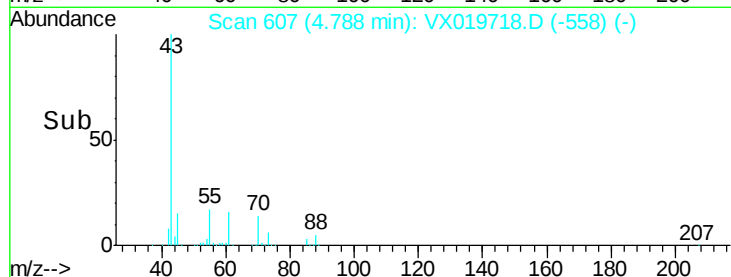
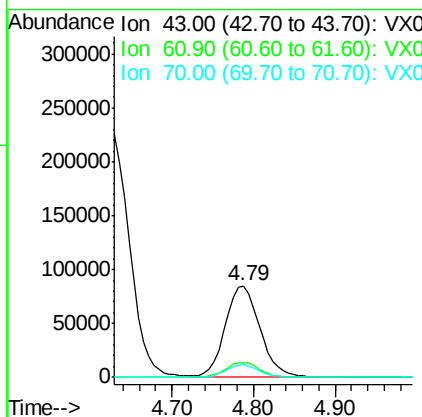
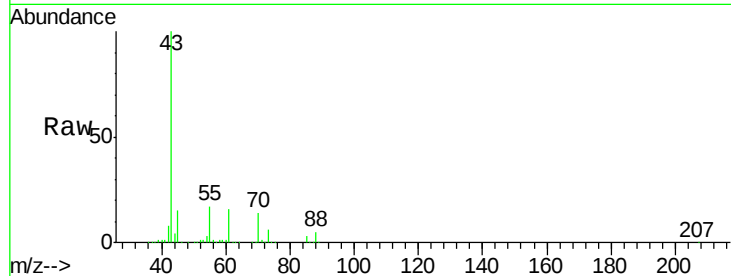
#37
Ethyl Acetate
Concen: 47.448 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120420

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.1	12.8	19.2
70	13.3	10.5	15.7

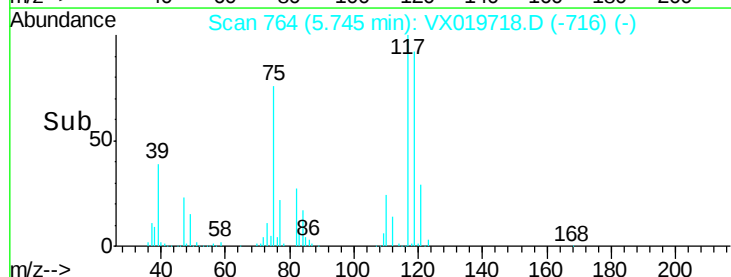
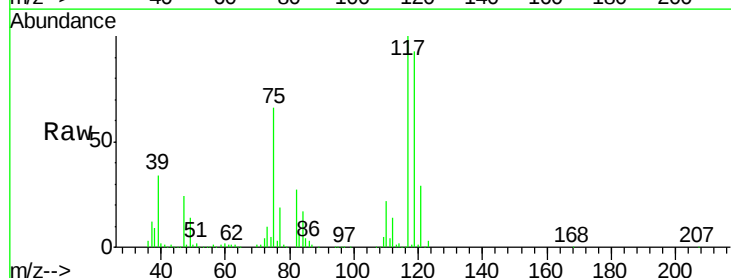
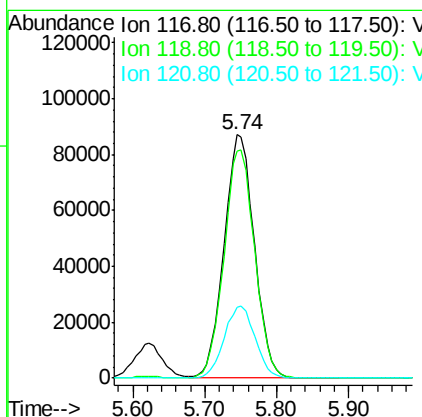
Manual Integrations
APPROVED

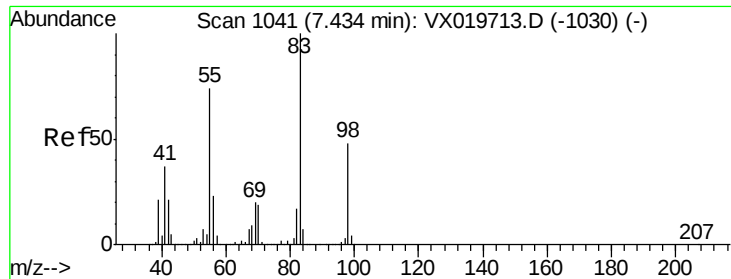
MMDadoda
12/7/2020 10:55:43 AM



#38
Carbon Tetrachloride
Concen: 50.244 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	76.2	114.2
121	29.2	24.8	37.2





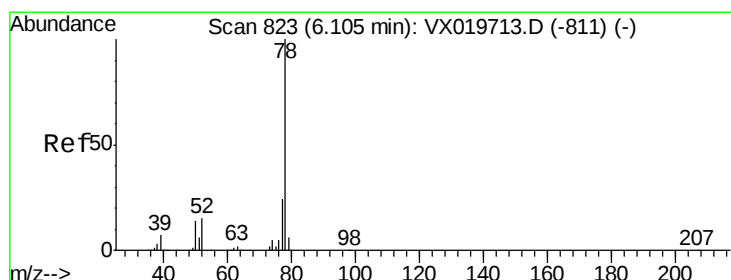
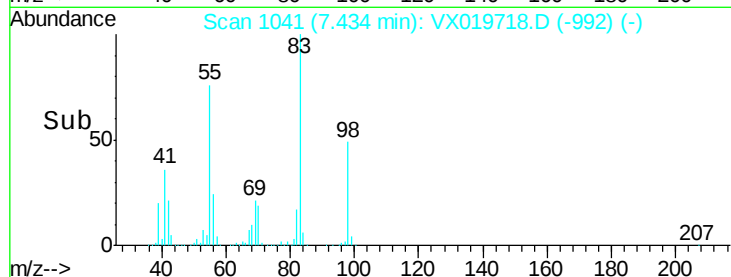
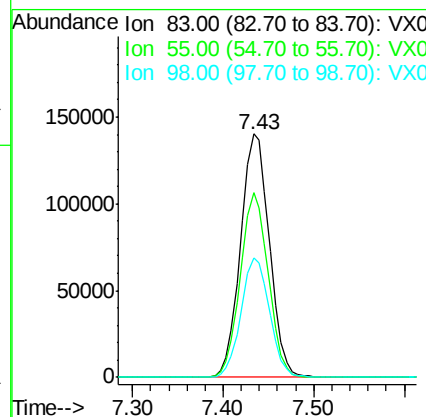
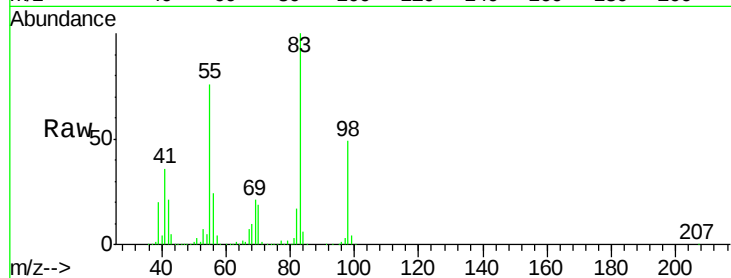
#39
Methvlcvclohexane
Concen: 50.792 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120420

Tot Ion	Ratio	Resp	Lower	Upper
83	100	308588		
55	75.9		58.9	88.3
98	49.3		38.1	57.1

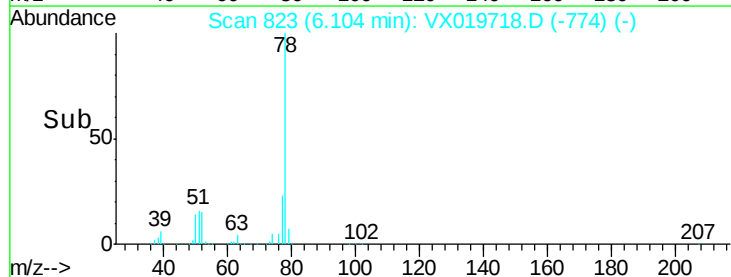
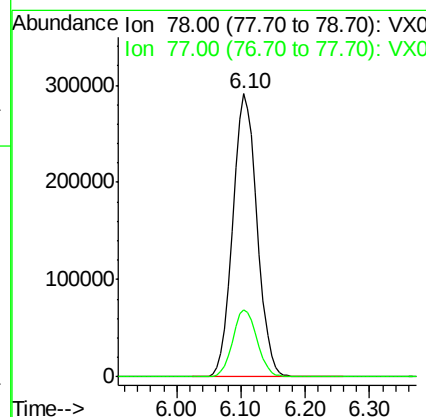
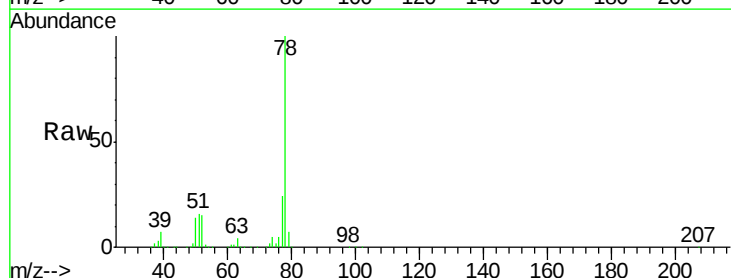
Manual Integrations
APPROVED

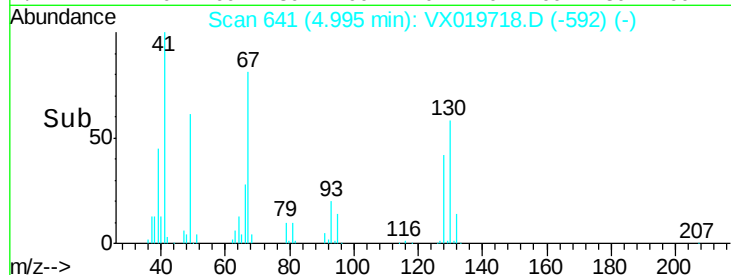
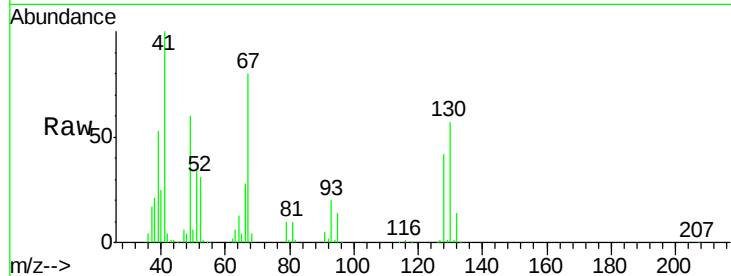
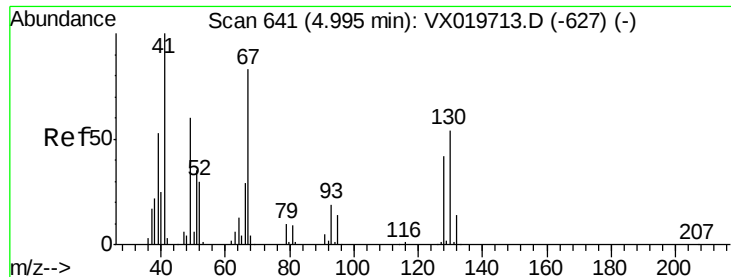
MMDadoda
12/7/2020 10:55:43 AM



#40
Benzene
Concen: 48.820 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	771183		
77	23.9		18.9	28.3





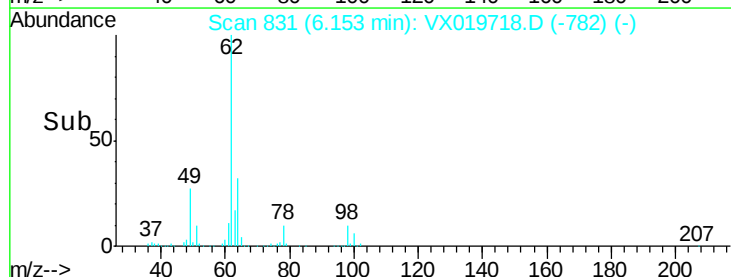
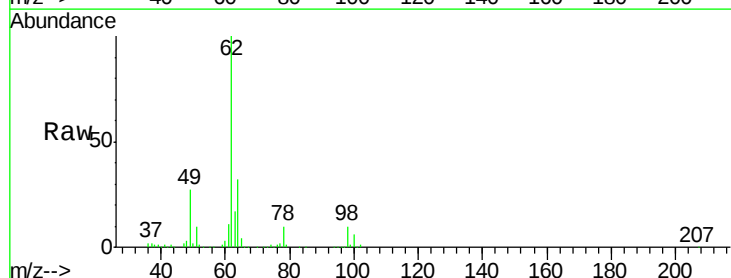
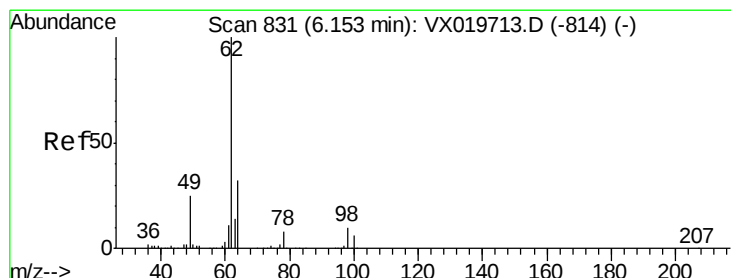
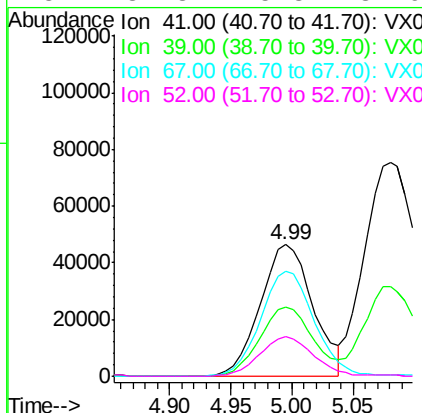
#41
Methacrylonitrile
Concen: 48.422 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.1	42.5	63.7
67	82.0	65.0	97.6
52	31.3	25.3	37.9

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120420

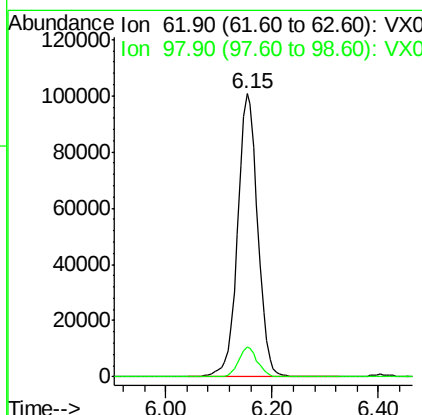
Manual Integrations
APPROVED

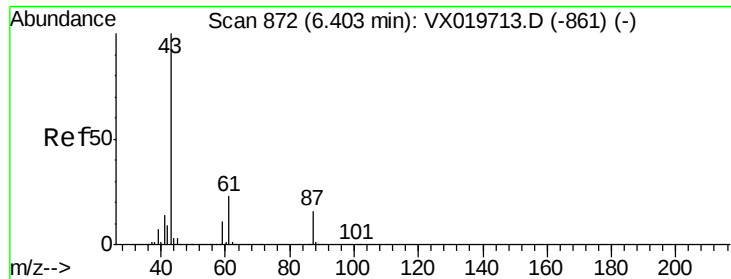
MMDadoda
12/7/2020 10:55:43 AM



#42
1,2-Dichloroethane
Concen: 48.974 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.2





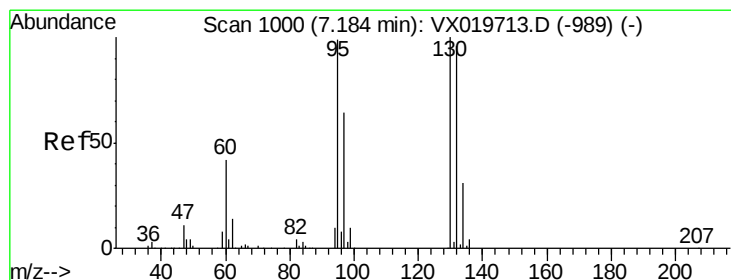
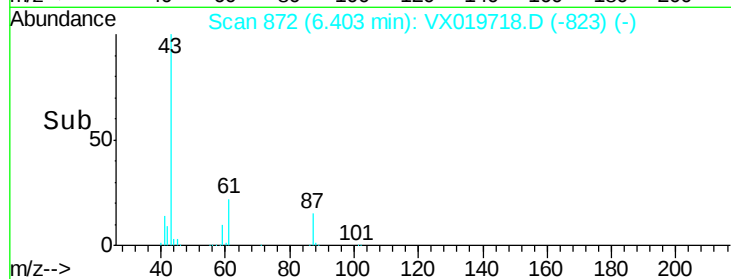
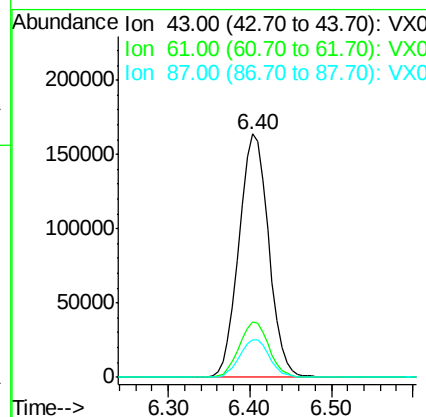
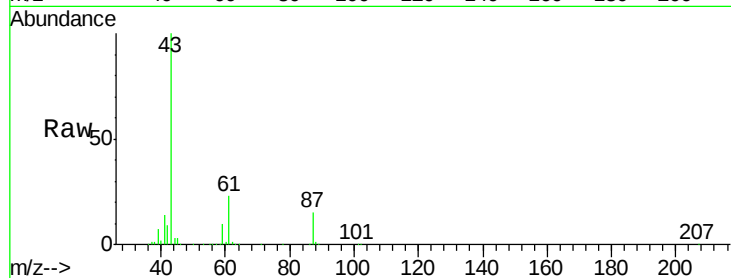
#43
Isopropyl Acetate
Concen: 48.490 ug/l
RT: 6.40 min Scan# 872
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120420

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.8	18.2	27.4
87	15.7	12.5	18.7

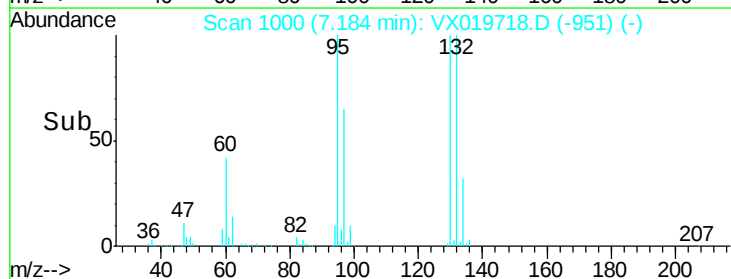
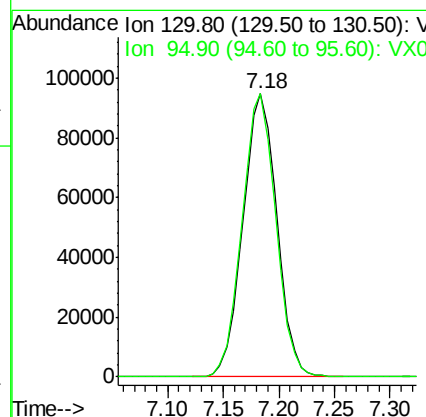
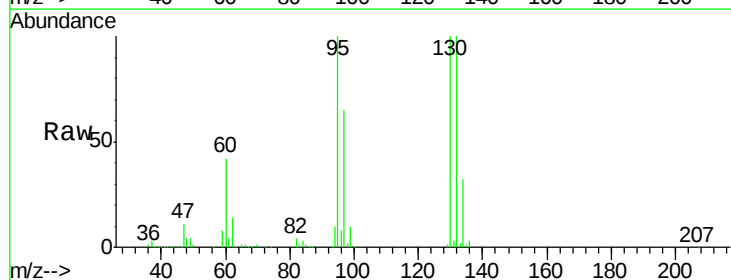
Manual Integrations
APPROVED

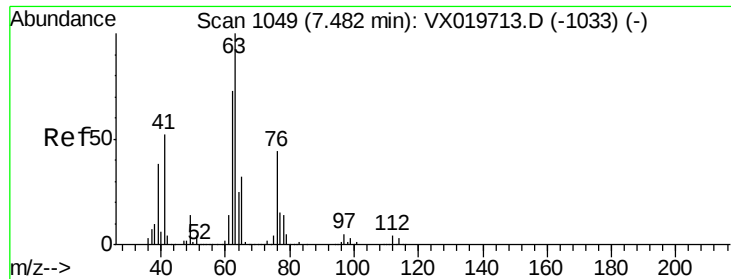
MMDadoda
12/7/2020 10:55:43 AM



#44
Trichloroethene
Concen: 48.367 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	198.0





#45

1,2-Dichloropropane

Concen: 49.125 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampled :

ICVVX120420

Tot Ion: 63 Resp: 193943

Ion Ratio Lower Upper

63 100

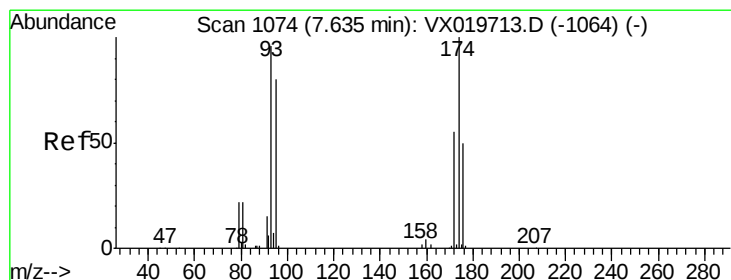
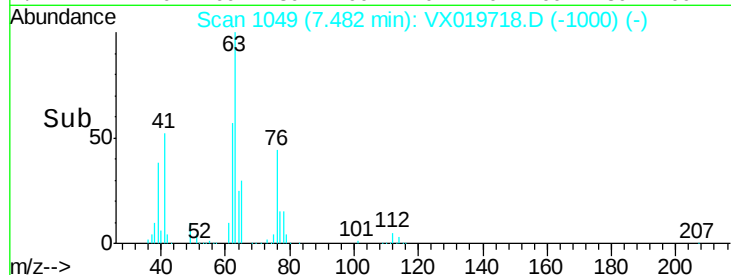
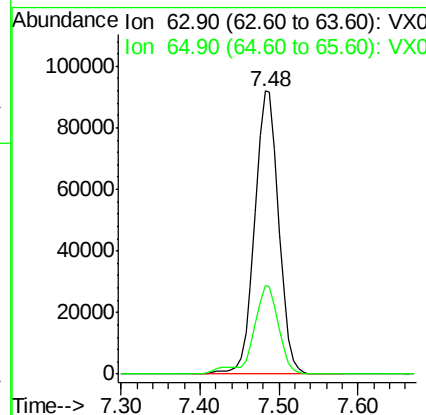
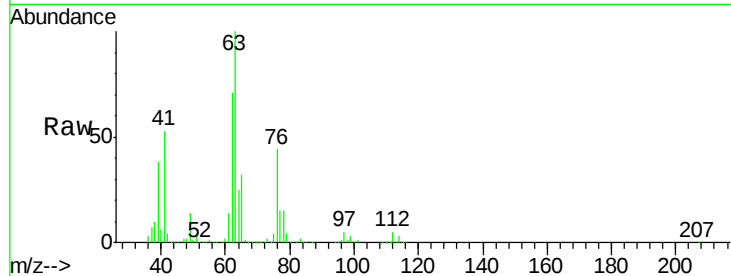
65 31.6 25.7 38.5

Manual Integrations

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MMDadoda

12/7/2020 10:55:43 AM



#46

Dibromomethane

Concen: 49.289 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

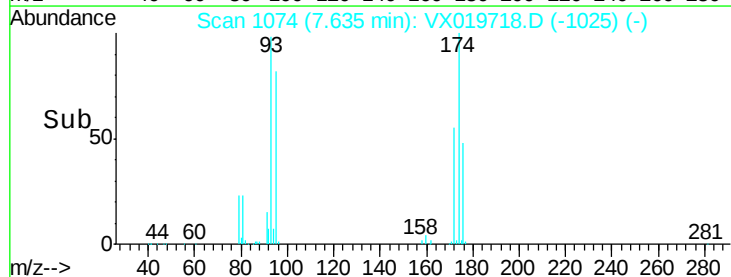
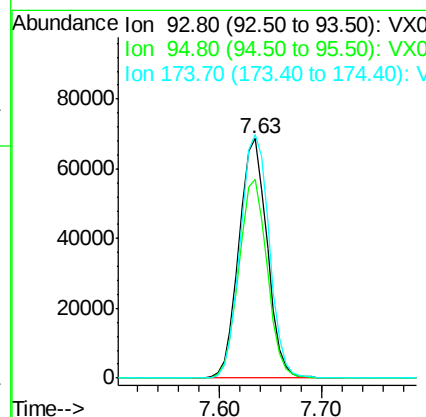
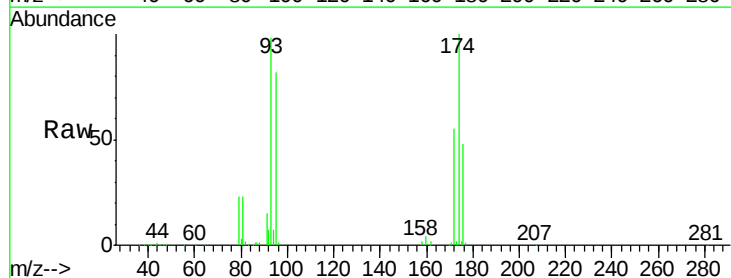
Tgt Ion: 93 Resp: 131409

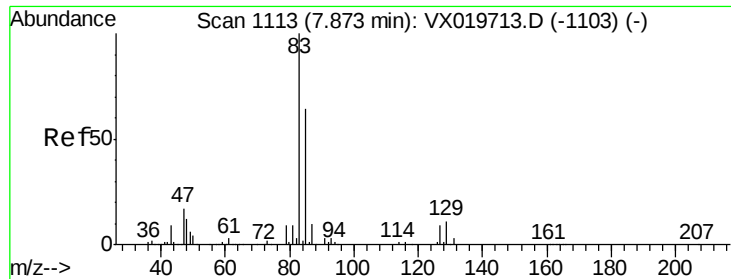
Ion Ratio Lower Upper

93 100

95 83.2 66.8 100.2

174 104.6 83.1 124.7





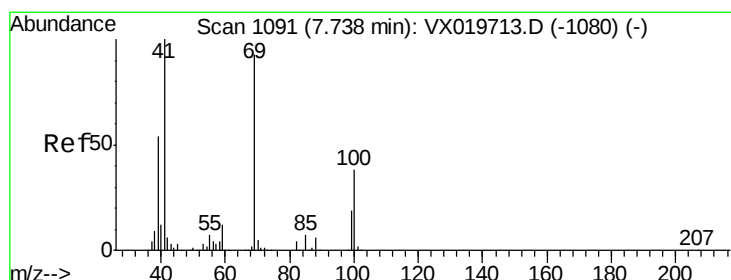
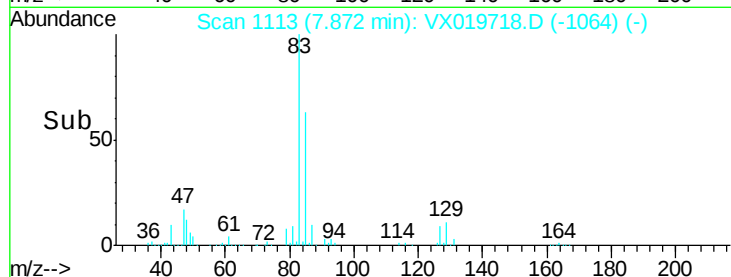
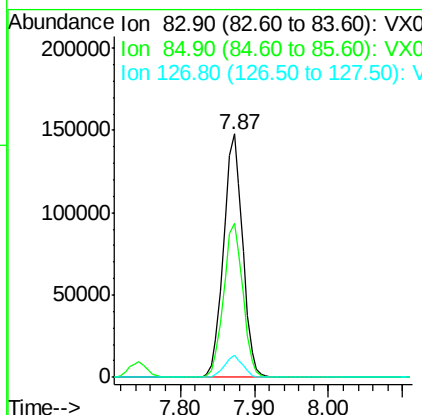
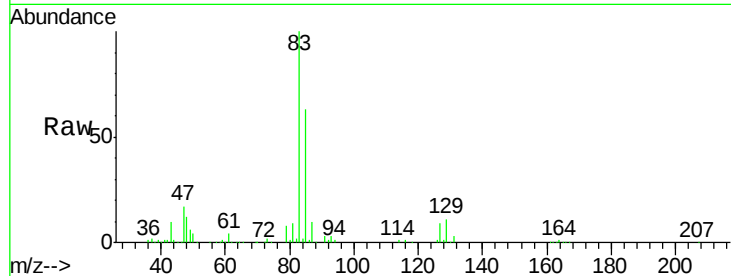
#47
Bromodichloromethane
Concen: 49.908 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120420

Tot Ion	Ratio	Resp	Lower	Upper
83	100	264036		
85	63.1		51.4	77.0
127	8.9		6.8	10.2

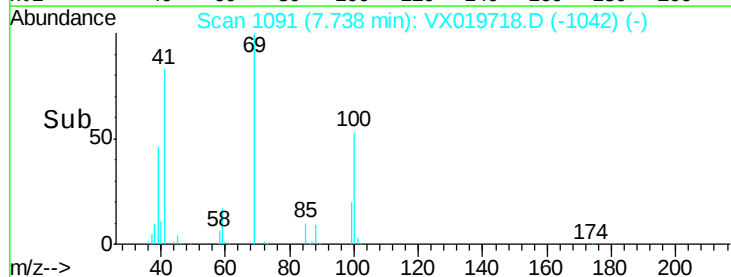
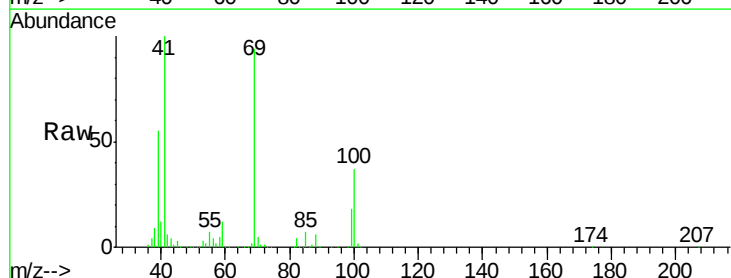
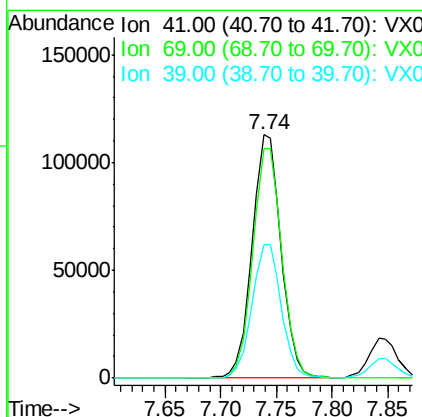
Manual Integrations
APPROVED

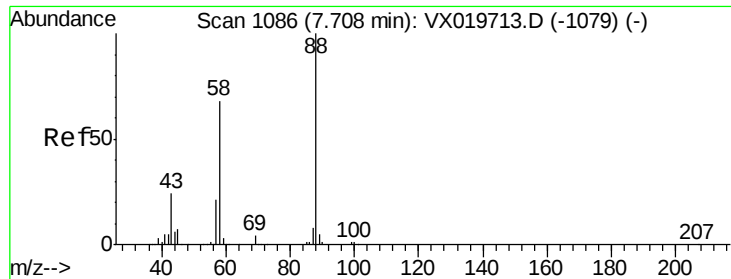
MMDadoda
12/7/2020 10:55:43 AM



#48
Methyl methacrylate
Concen: 49.042 ug/l
RT: 7.74 min Scan# 1091
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	204738		
69	95.1		76.0	114.0
39	55.8		44.6	67.0





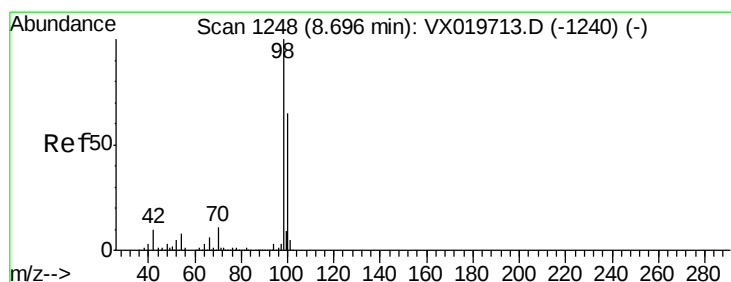
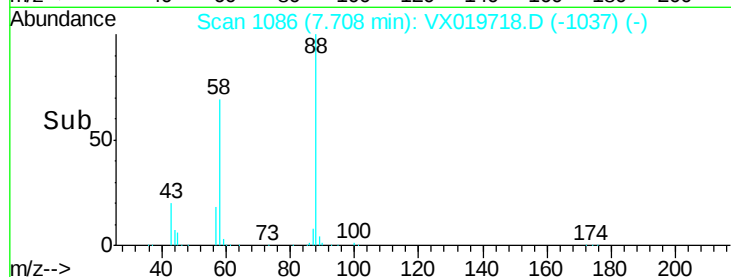
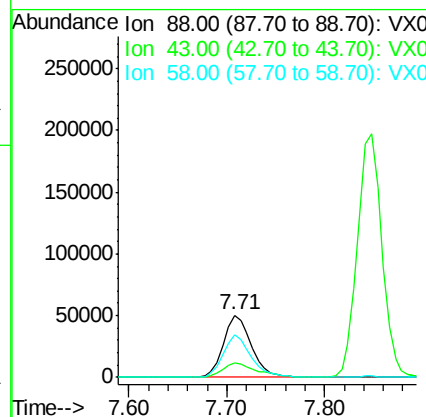
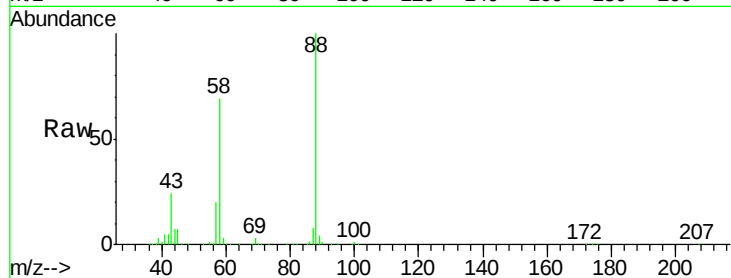
#49
1,4-Dioxane
Concen: 983.372 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120420

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.4	23.2	34.8
58	68.8	55.0	82.4

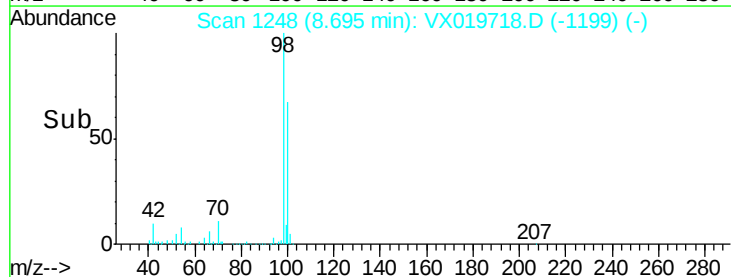
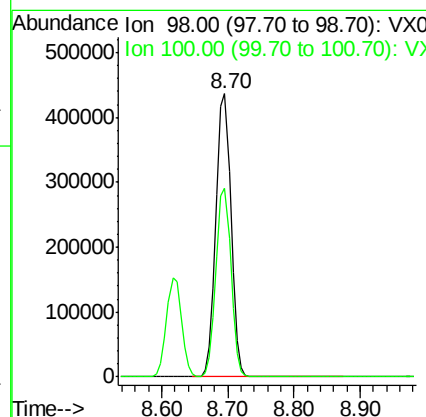
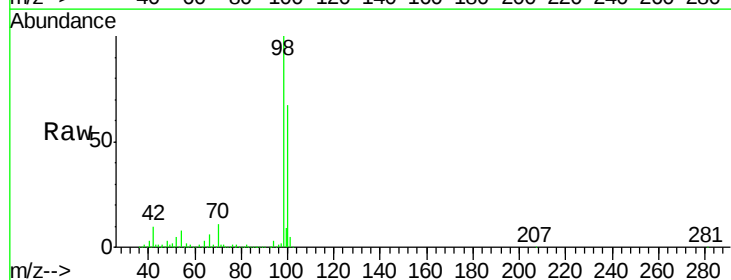
Manual Integrations
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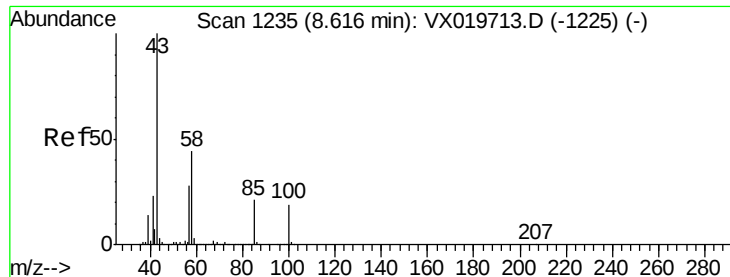
MMDadoda
12/7/2020 10:55:43 AM



#50
Toluene-d8
Concen: 48.872 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	51.9	77.9





#51

4-Methyl-2-Pentanone

Concen: 247.353 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX120420

Tot Ion: 43 Resp: 1281921

Ion Ratio Lower Upper

43 100

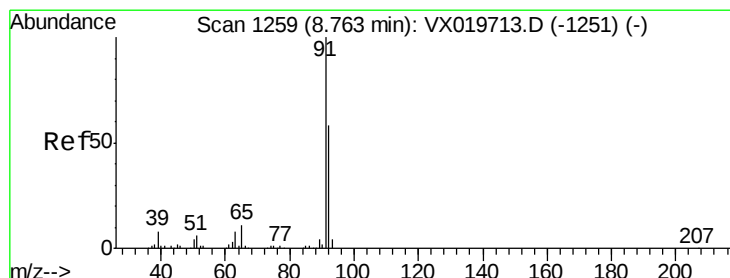
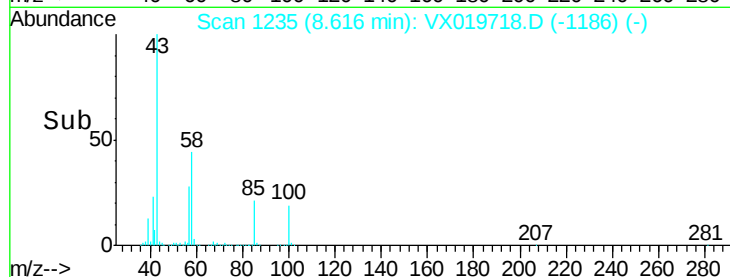
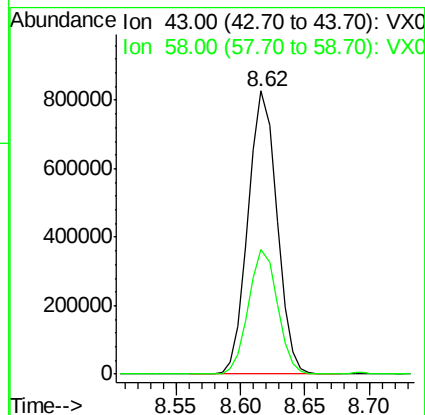
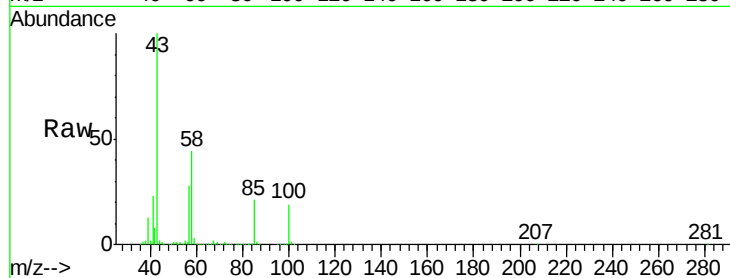
58 44.0 35.4 53.0

Manual Integrations

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MMDadoda

12/7/2020 10:55:43 AM



#52

Toluene

Concen: 50.018 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019718.D

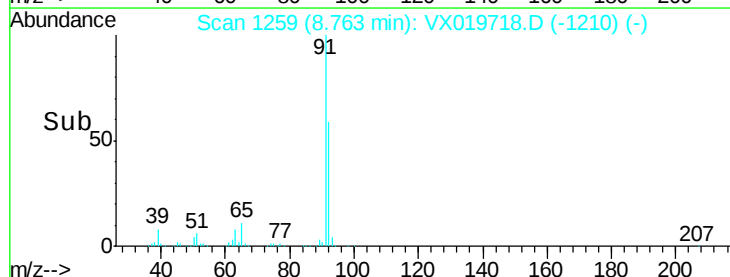
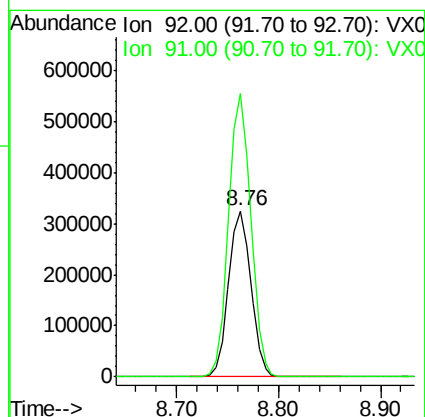
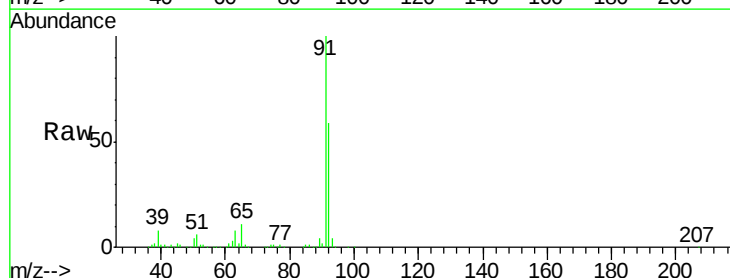
Acq: 04 Dec 2020 15:41

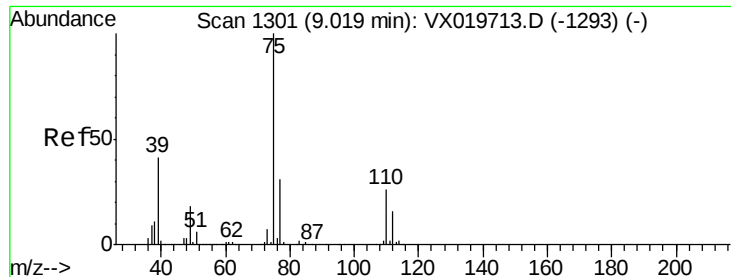
Tgt Ion: 92 Resp: 494167

Ion Ratio Lower Upper

92 100

91 169.3 137.1 205.7





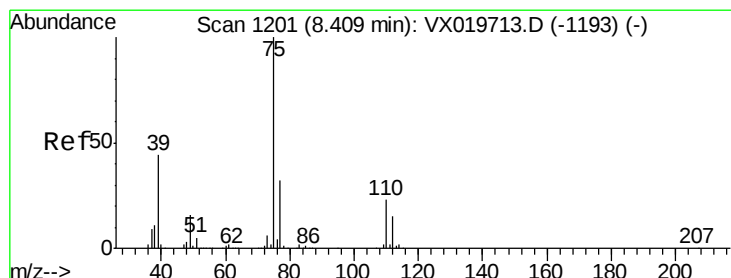
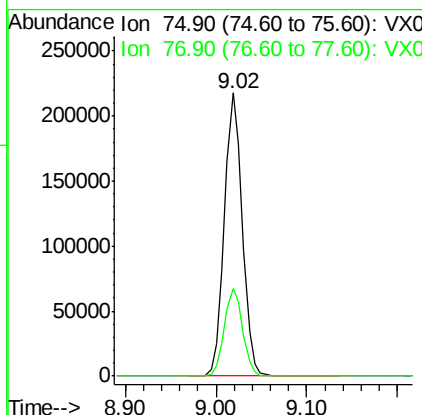
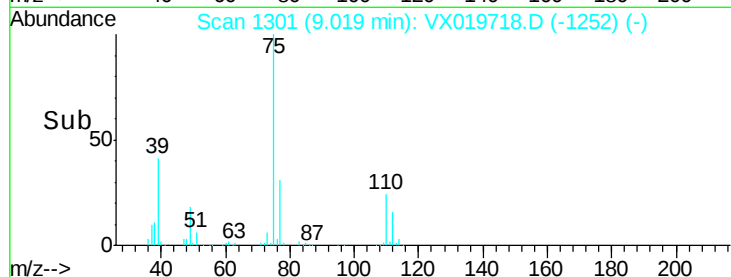
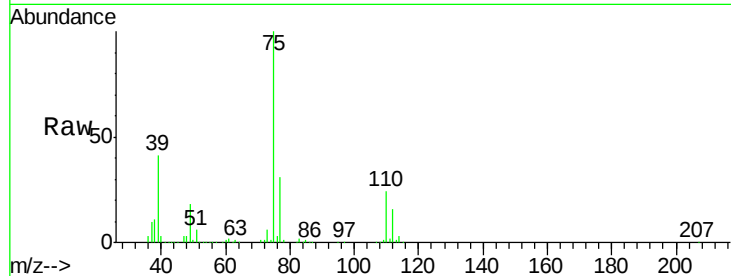
#53
t-1,3-Dichloropropene
Concen: 51.217 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120420

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.9	37.3

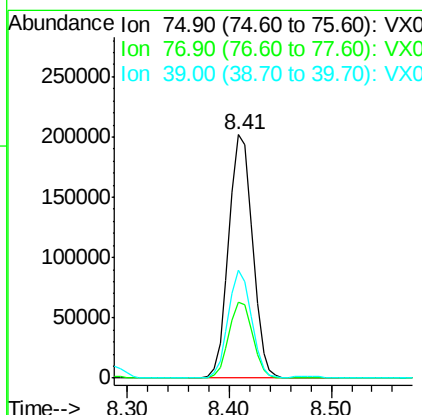
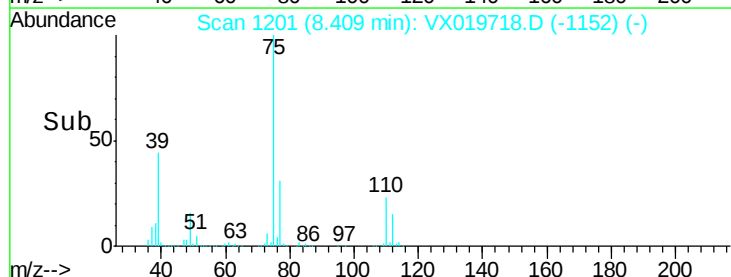
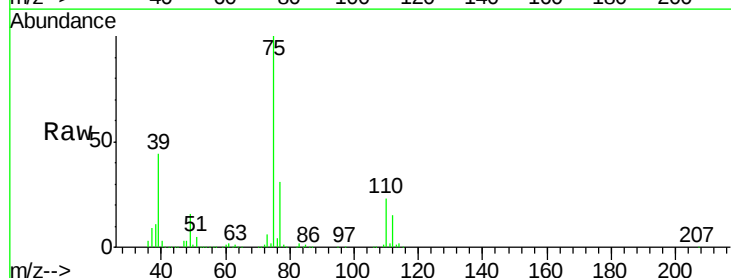
Manual Integrations
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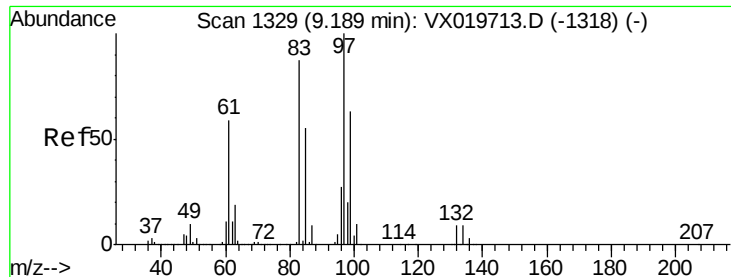
MMDadoda
12/7/2020 10:55:43 AM



#54
cis-1,3-Dichloropropene
Concen: 51.106 ug/l
RT: 8.41 min Scan# 1201
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	25.7	38.5
39	44.4	35.1	52.7





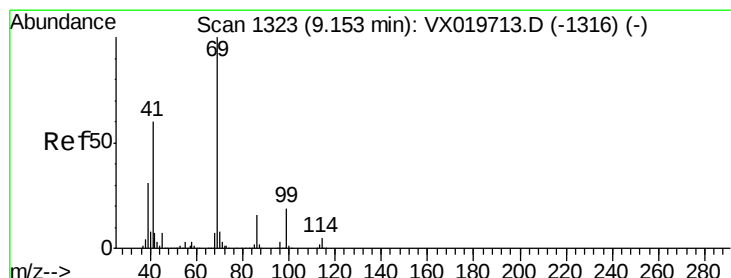
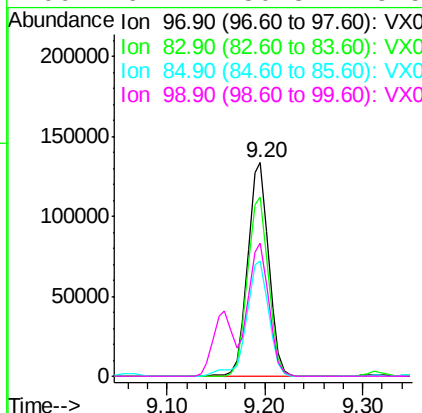
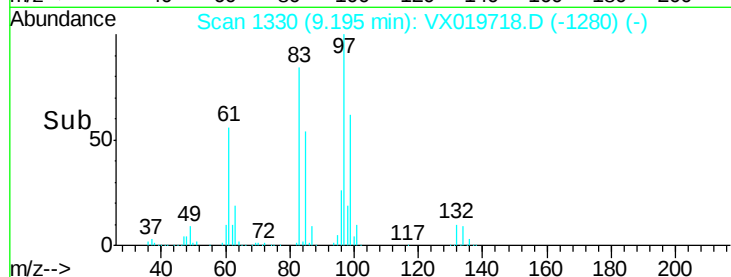
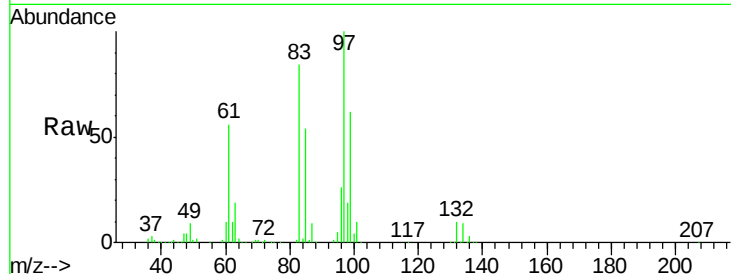
#55
 1,1,2-Trichloroethane
 Concen: 49.693 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019718.D
 Acq: 04 Dec 2020 15:41

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX120420

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		197849		
83	83.6	69.3	103.9		
85	54.1	44.3	66.5		
99	62.4	50.3	75.5		

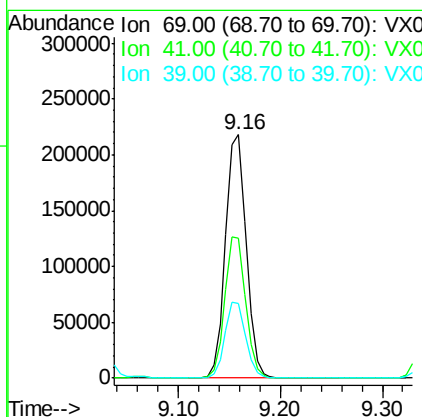
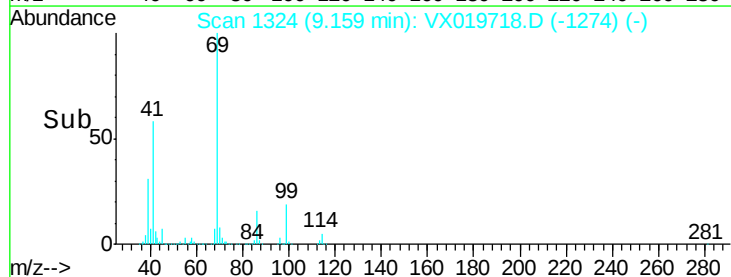
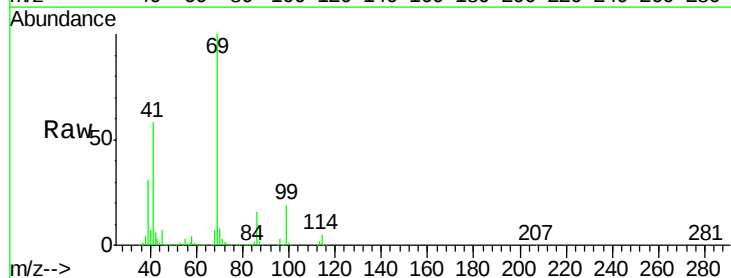
Manual Integrations
 APPROVED

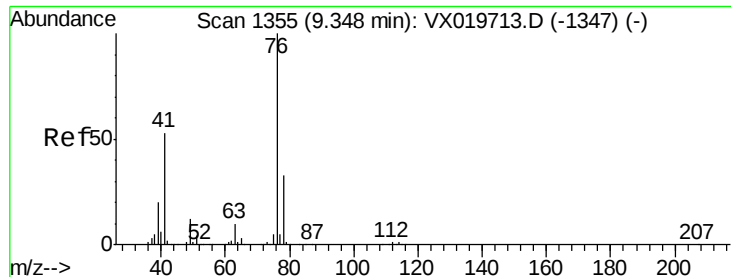
MMDadoda
 12/7/2020 10:55:43 AM



#56
 Ethyl methacrylate
 Concen: 51.121 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019718.D
 Acq: 04 Dec 2020 15:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		307939		
41	58.2	46.8	70.2		
39	31.2	24.7	37.1		





#57

1,3-Dichloropropane

Concen: 48.696 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX120420

Tot Ion: 76 Resp: 331049

Ion Ratio Lower Upper

76 100

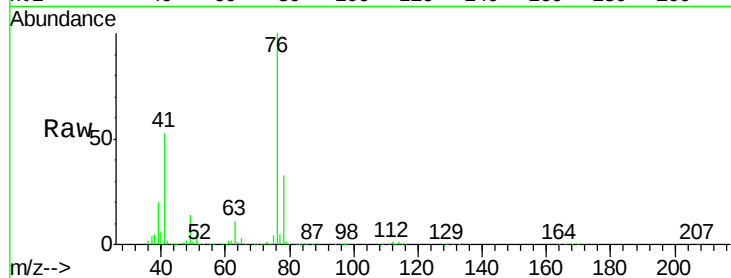
78 32.5 26.2 39.2

Manual Integrations

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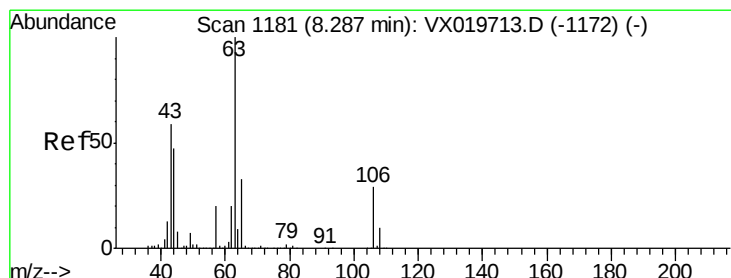
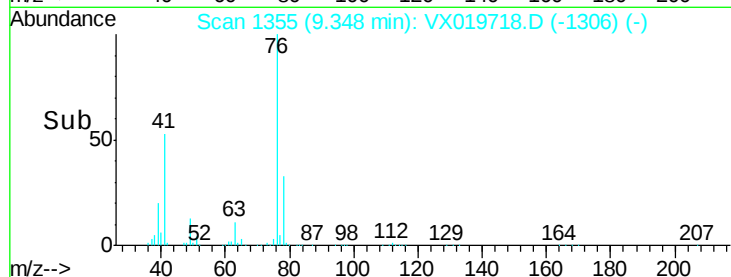
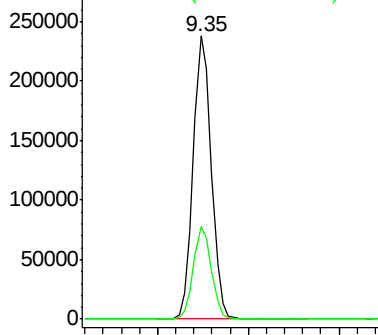
MMDadoda

12/7/2020 10:55:43 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 251.971 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.00 min

Lab File: VX019718.D

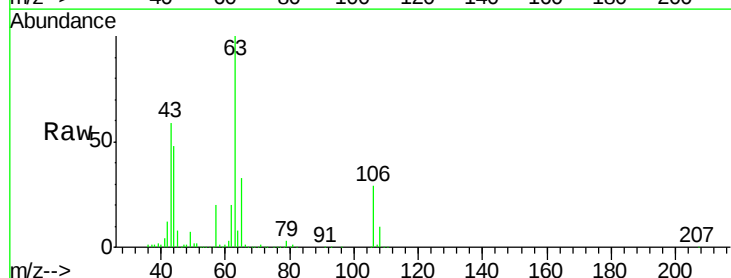
Acq: 04 Dec 2020 15:41

Tgt Ion: 63 Resp: 804071

Ion Ratio Lower Upper

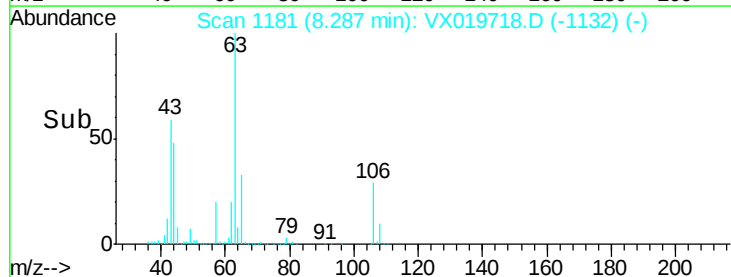
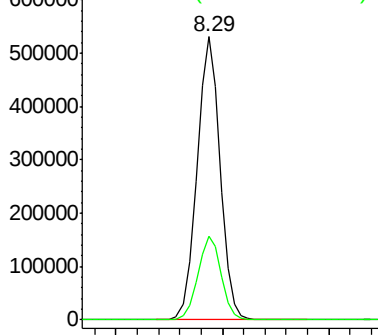
63 100

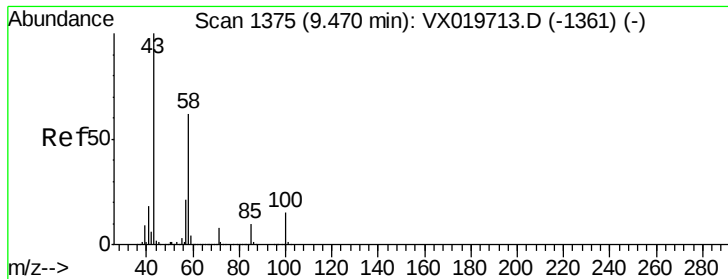
106 29.7 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





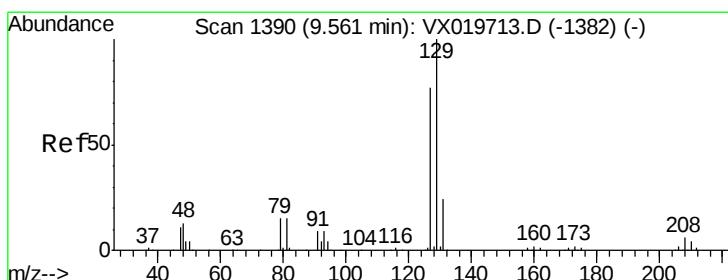
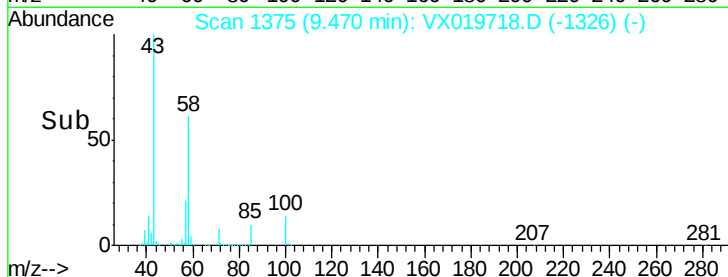
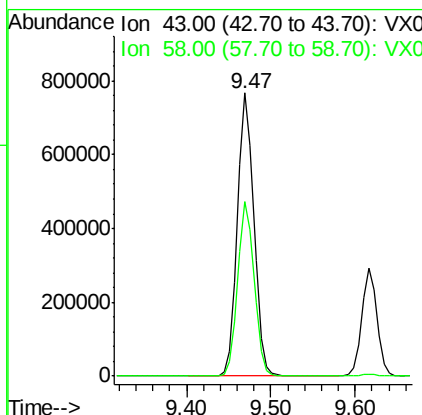
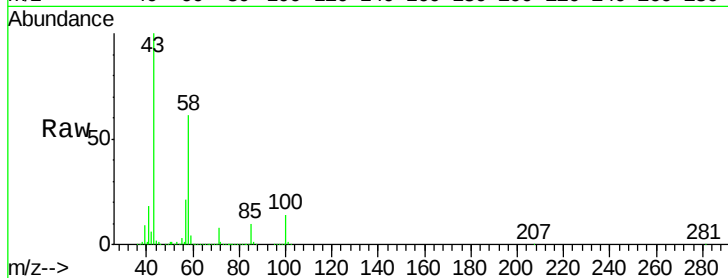
#59
2-Hexanone
Concen: 251.892 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120420

Tot Ion: 43 Resp: 1011894
Ion Ratio Lower Upper
43 100
58 61.3 30.9 92.8

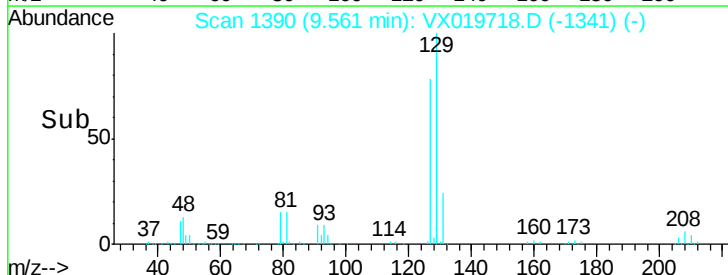
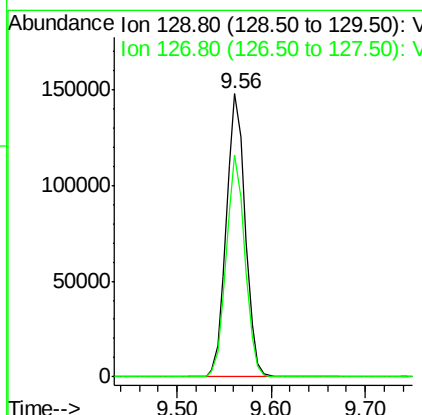
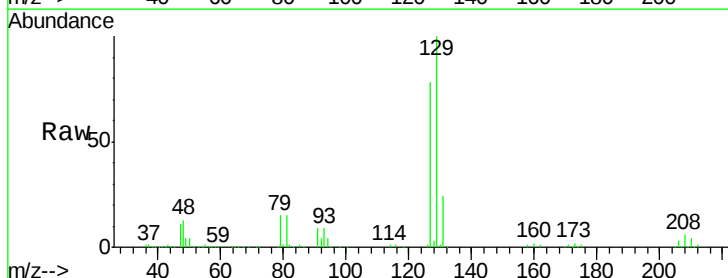
Manual Integrations
APPROVED

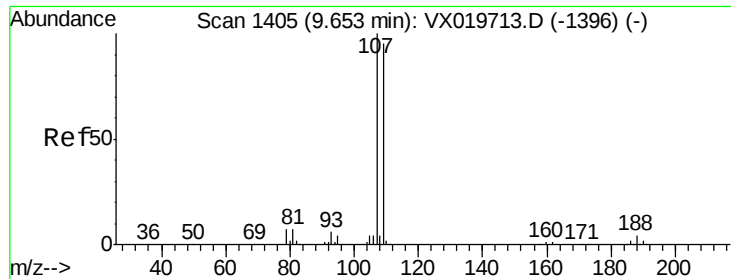
MMDadoda
12/7/2020 10:55:43 AM



#60
Dibromochloromethane
Concen: 51.109 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion: 129 Resp: 206738
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.2





#61

1,2-Dibromoethane

Concen: 49.935 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX120420

Tot Ion: 107 Resp: 211114

Ion Ratio Lower Upper

107 100

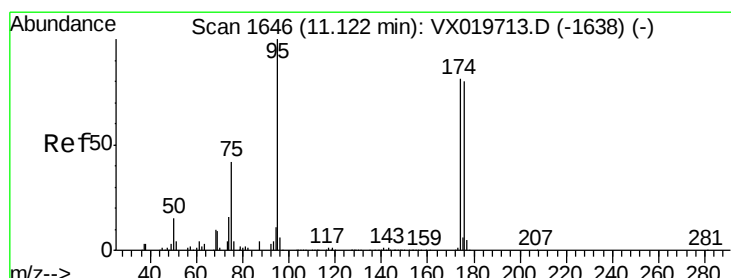
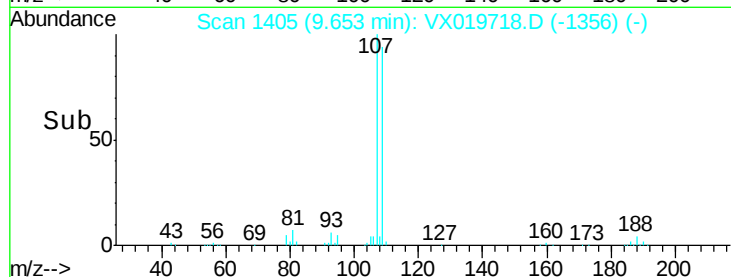
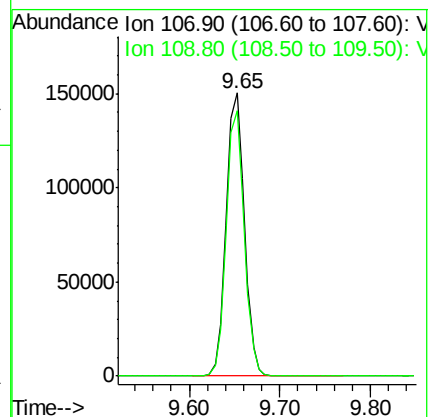
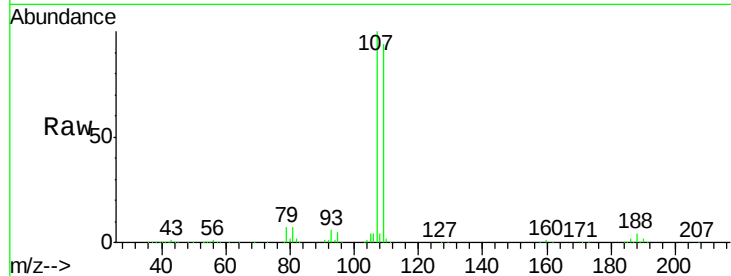
109 92.8 75.8 113.6

Manual Integrations

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MMDadoda

12/7/2020 10:55:43 AM



#62

4-Bromofluorobenzene

Concen: 50.161 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

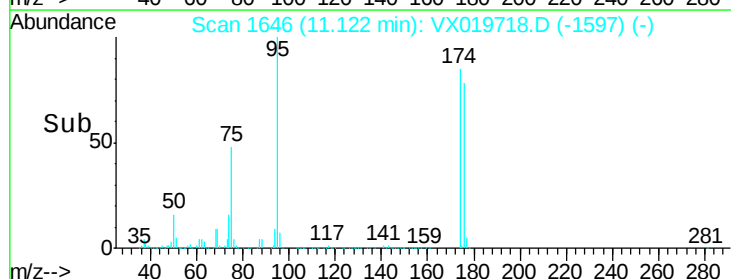
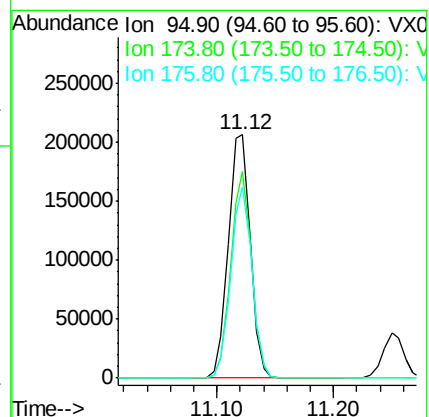
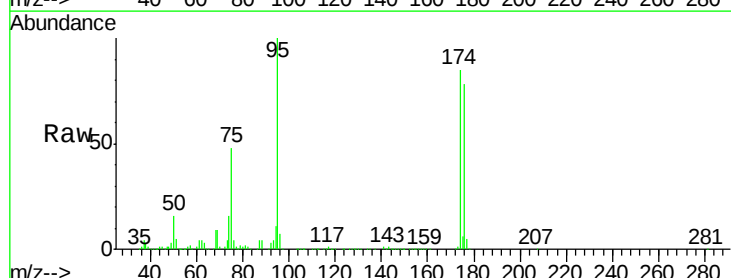
Tgt Ion: 95 Resp: 269573

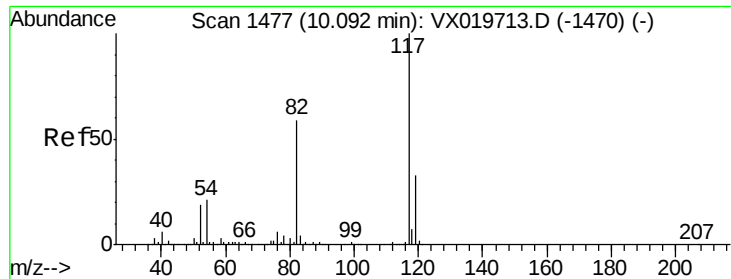
Ion Ratio Lower Upper

95 100

174 80.5 0.0 154.6

176 75.7 0.0 155.8





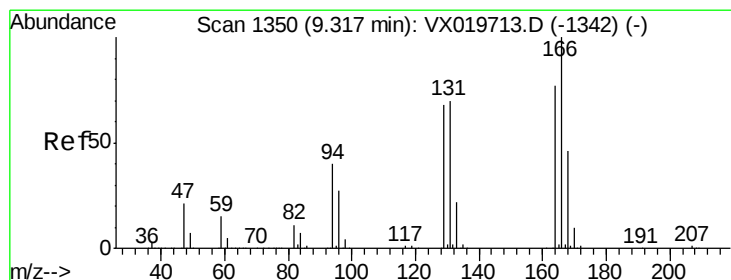
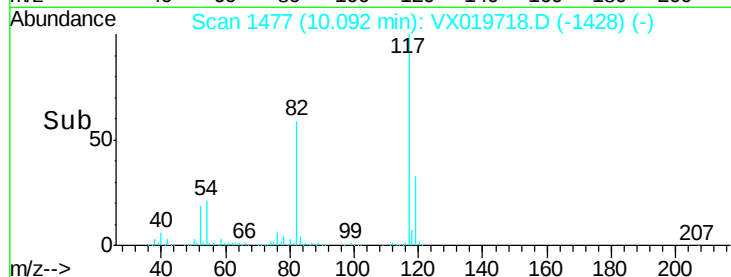
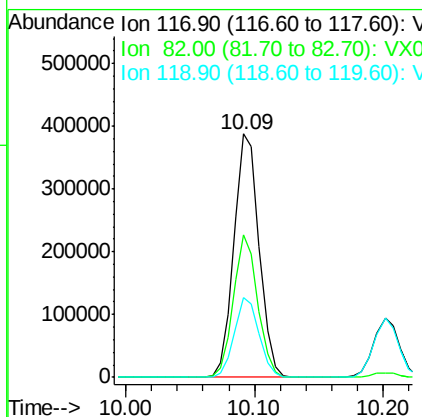
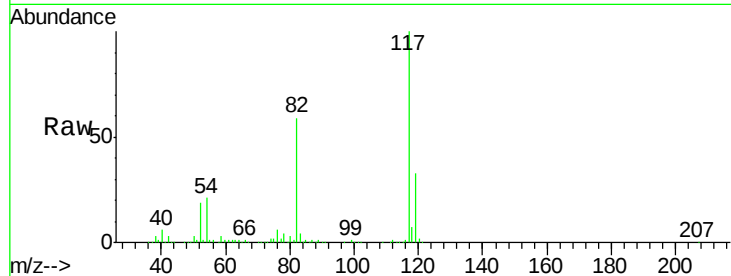
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120420

Tot Ion	Ratio	Resp	Lower	Upper
117	100	528725		
82	58.6		47.4	71.2
119	32.7		26.6	39.8

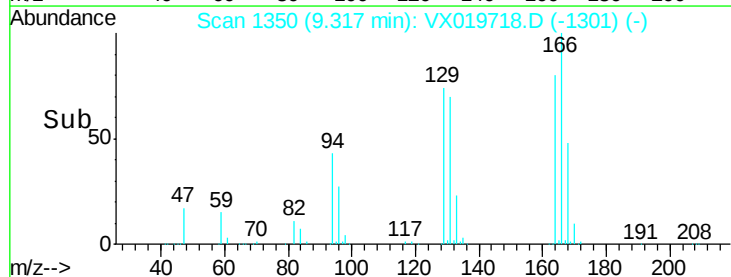
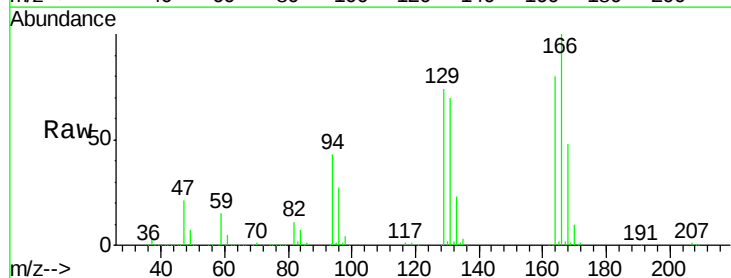
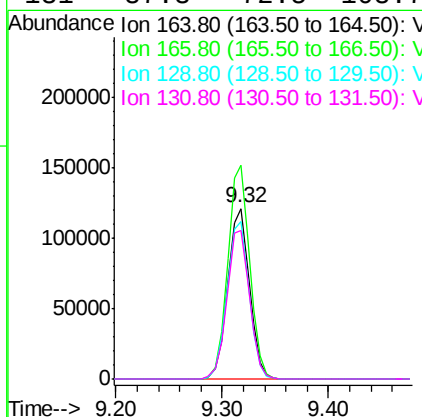
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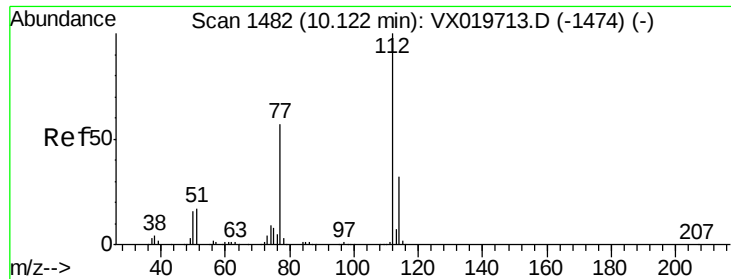
MMDadoda
12/7/2020 10:55:43 AM



#64
Tetrachloroethene
Concen: 49.081 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	174029		
166	125.2		103.4	155.2
129	92.6		70.8	106.2
131	87.3		72.5	108.7





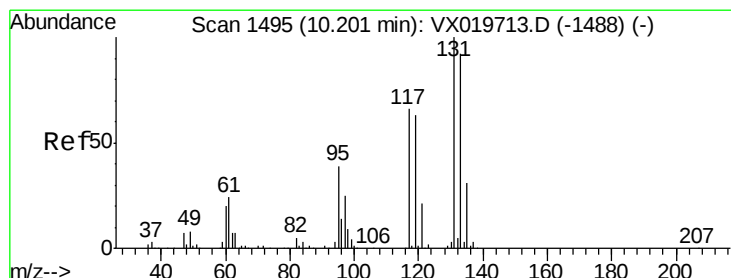
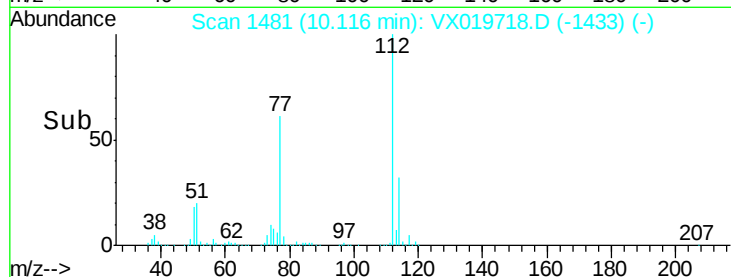
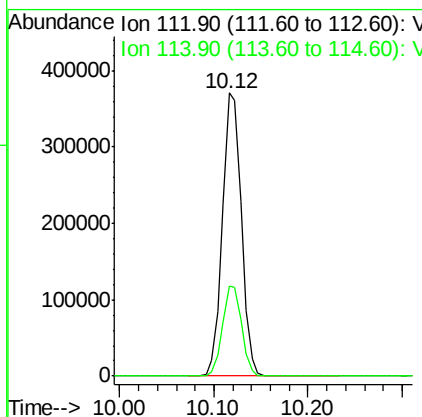
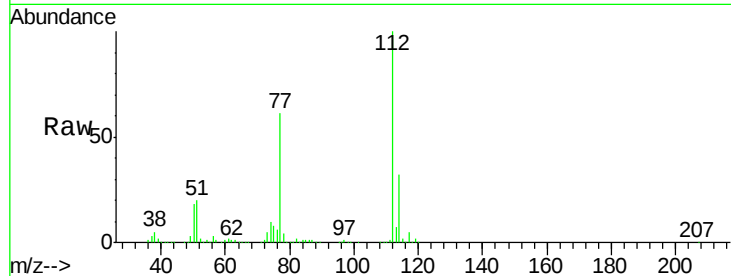
#65
Chlorobenzene
Concen: 49.028 ug/l
RT: 10.12 min Scan# 1481
Delta R.T. -0.01 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120420

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.8	38.6

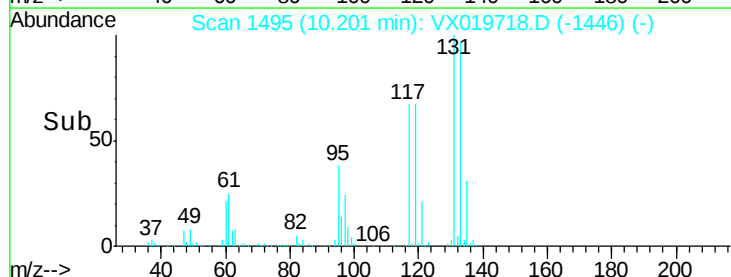
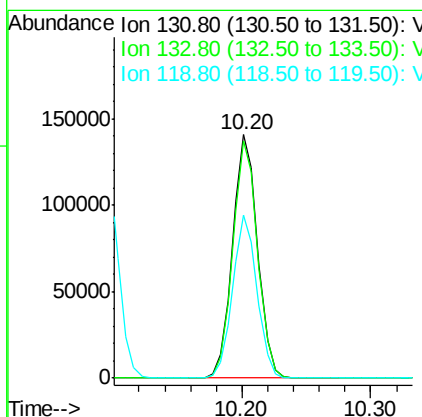
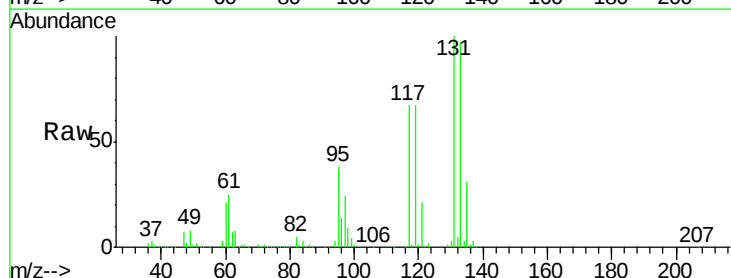
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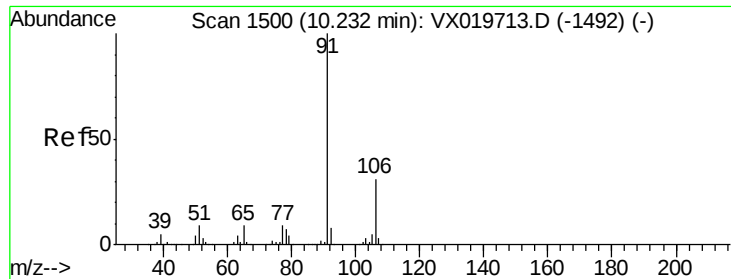
MMDadoda
12/7/2020 10:55:43 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 50.070 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.7	47.7	143.1
119	65.9	32.1	96.5





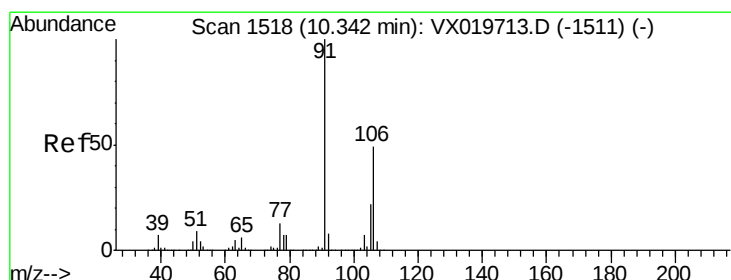
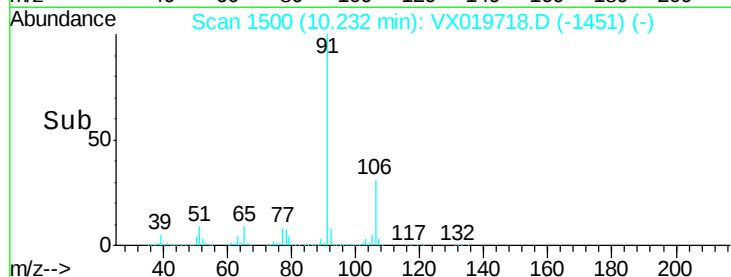
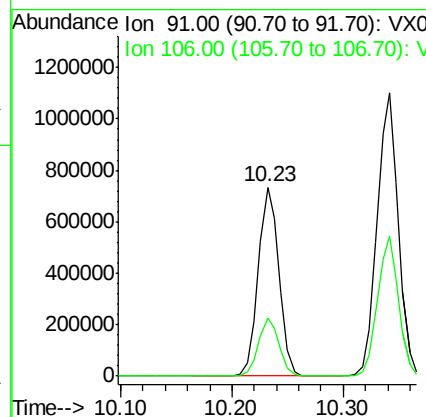
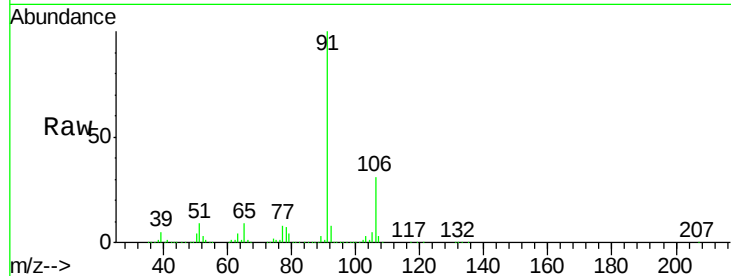
#67
Ethyl Benzene
Concen: 50.834 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120420

Tot Ion: 91 Resp: 950487
Ion Ratio Lower Upper
91 100
106 30.7 24.6 37.0

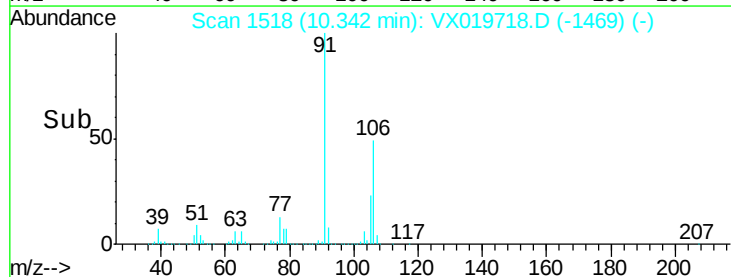
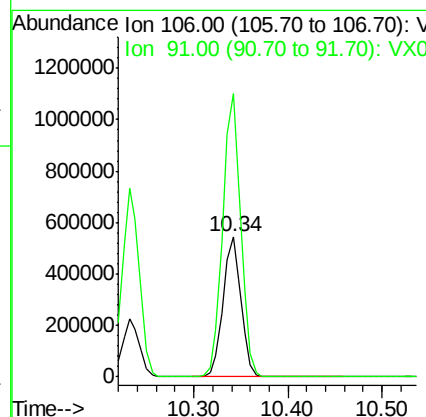
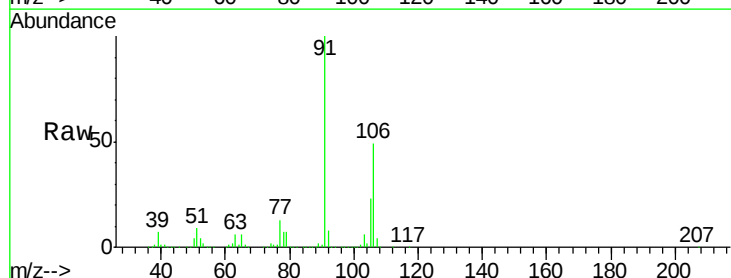
Manual Integrations
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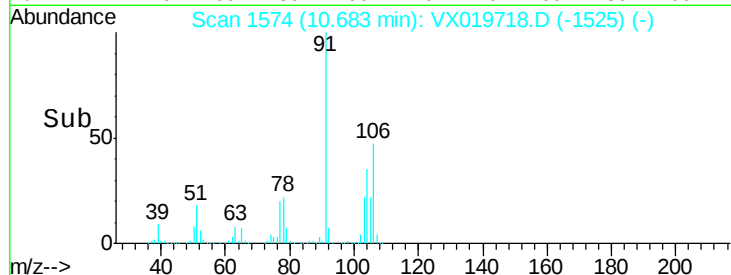
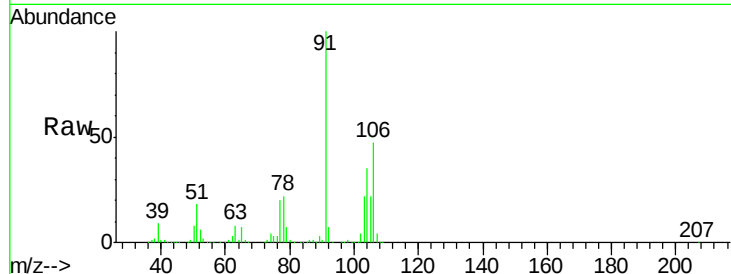
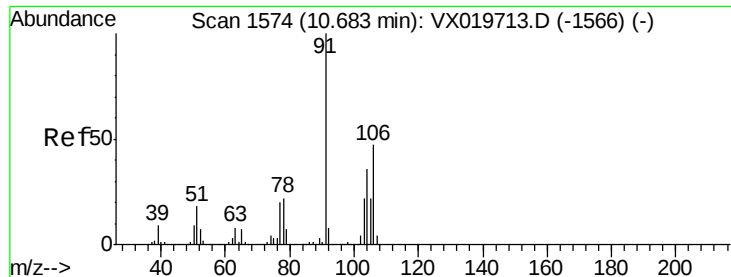
MMDadoda
12/7/2020 10:55:43 AM



#68
m/p-Xylenes
Concen: 101.806 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion: 106 Resp: 717282
Ion Ratio Lower Upper
106 100
91 203.0 162.8 244.2





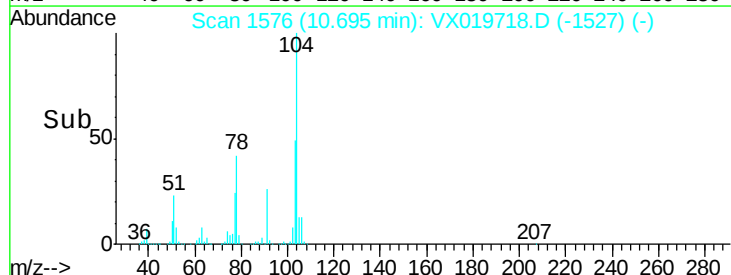
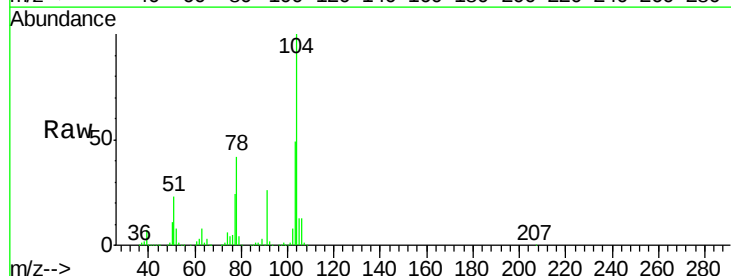
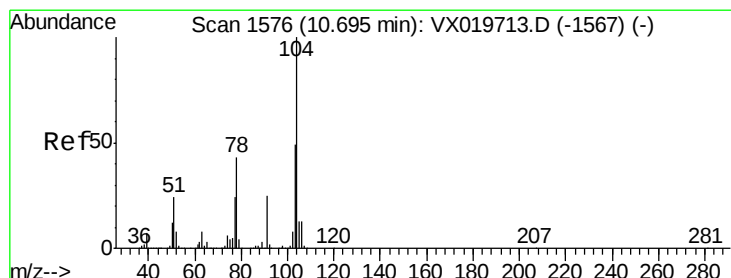
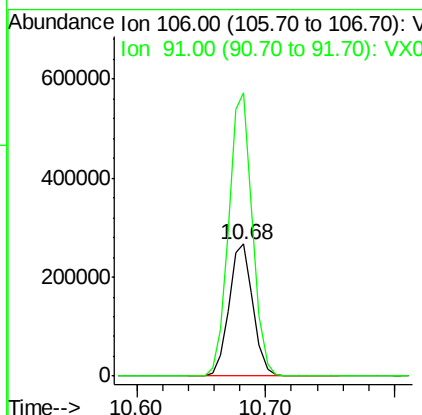
#69
o-Xylene
Concen: 50.952 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tot Ion	Ratio	Resp	Lower	Upper
106	100	345325		
91	213.6	108.1	324.2	

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120420

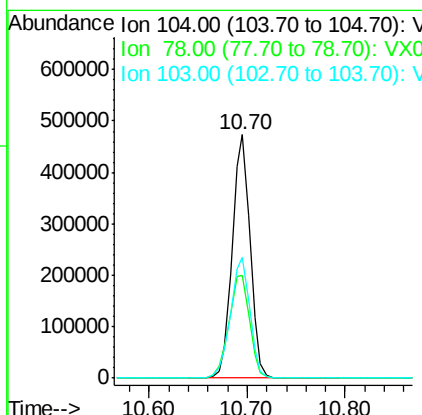
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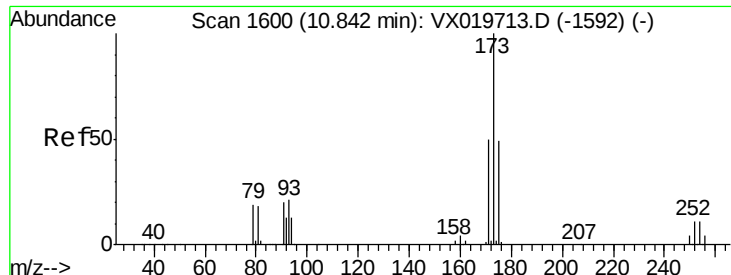
MMDadoda
12/7/2020 10:55:43 AM



#70
Styrene
Concen: 52.294 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	598222		
78	49.1	40.0	60.0	
103	54.3	43.4	65.0	





#71

Bromoform

Concen: 53.100 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX120420

Tot Ion:173 Resp: 158374

Ion Ratio Lower Upper

173 100

175 48.7 23.9 71.8

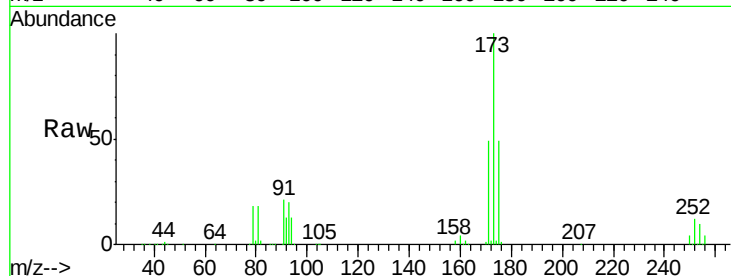
254 0.1 0.1 0.1

Manual Integrations

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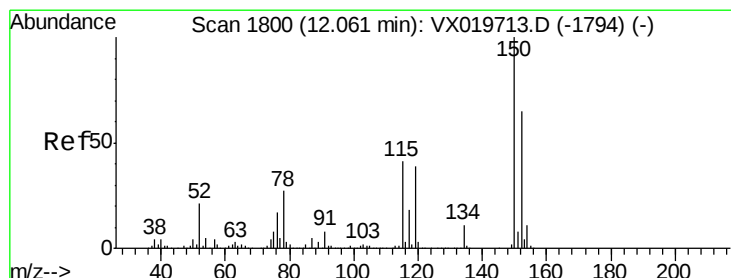
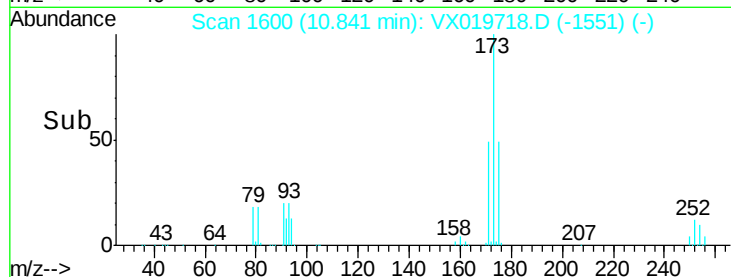
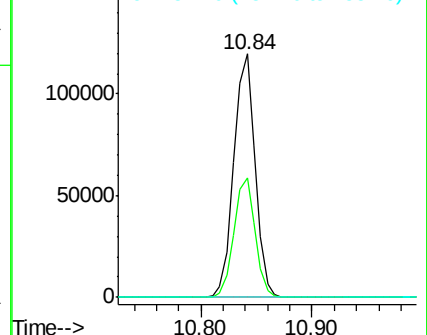
12/7/2020 10:55:43 AM



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: VX019718.D

Acq: 04 Dec 2020 15:41

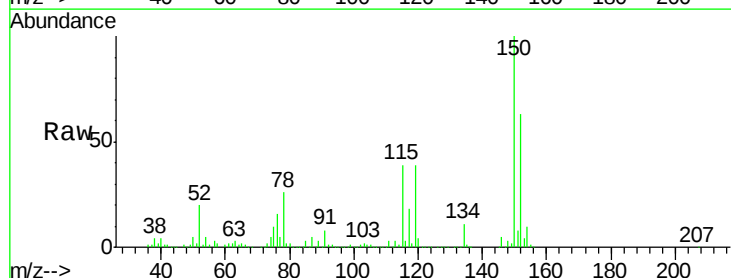
Tgt Ion:152 Resp: 271639

Ion Ratio Lower Upper

152 100

115 81.4 41.1 123.3

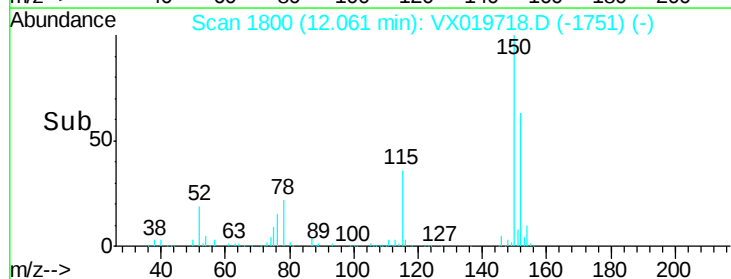
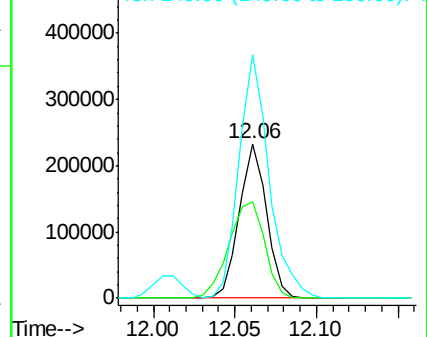
150 174.6 0.0 349.0

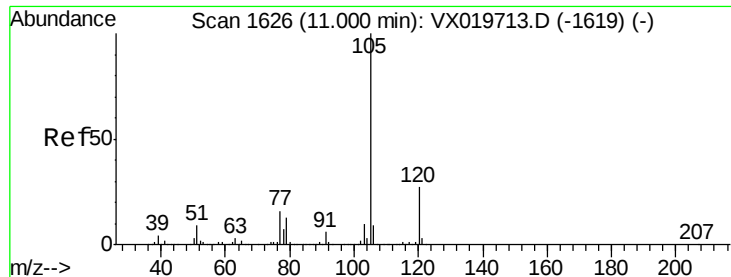


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.763 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampleId :

ICVVX120420

Tot Ion: 105 Resp: 923522

Ion Ratio Lower Upper

105 100

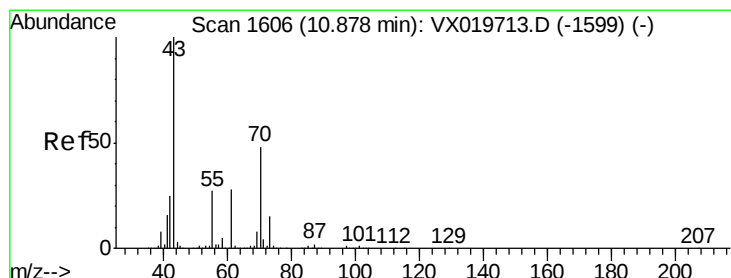
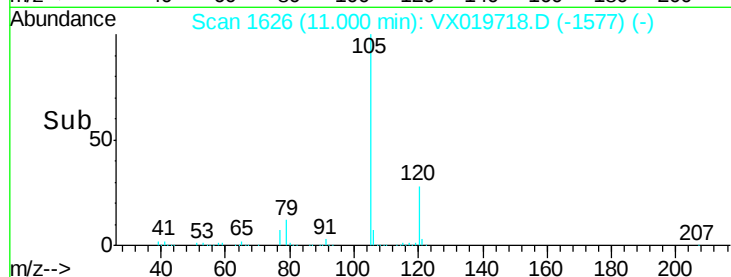
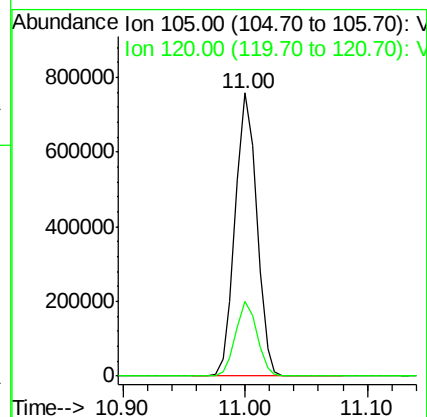
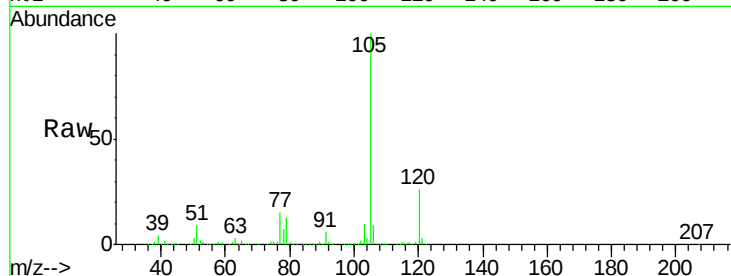
120 26.1 13.2 39.6

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12/7/2020 10:55:43 AM



#74

N-ethyl acetate

Concen: 50.303 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Tgt Ion: 43 Resp: 374105

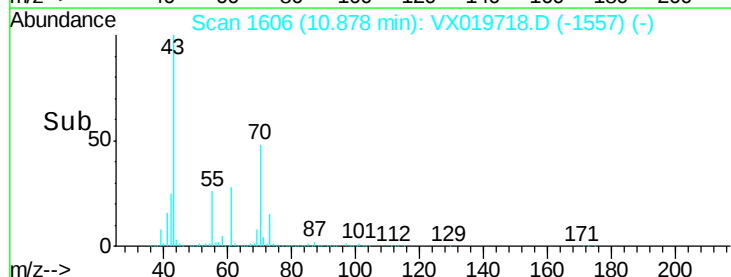
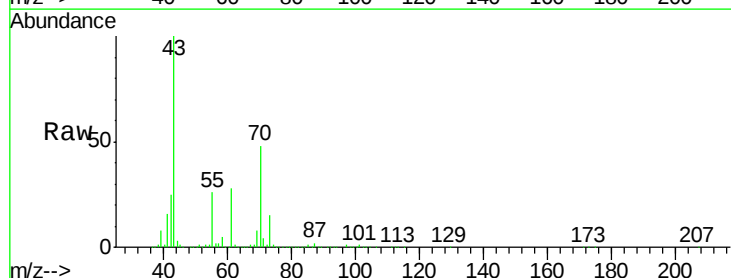
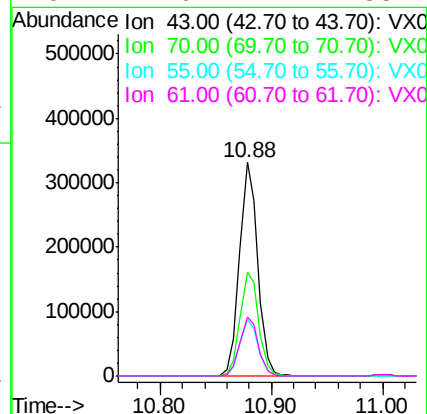
Ion Ratio Lower Upper

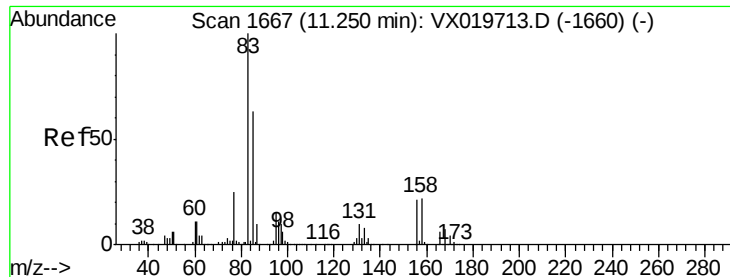
43 100

70 49.7 39.0 58.6

55 26.7 21.5 32.3

61 27.9 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 47.855 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

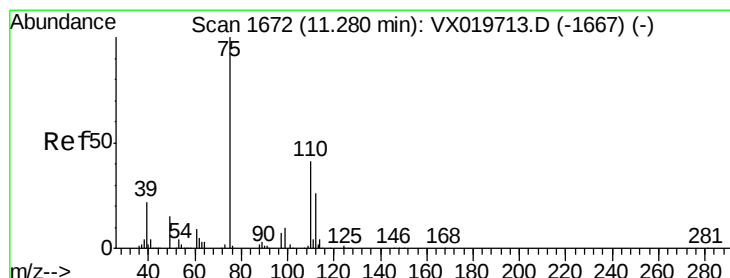
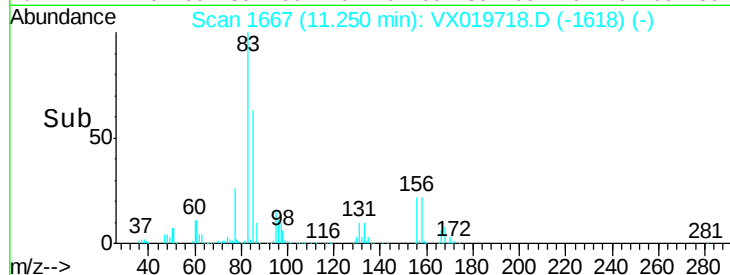
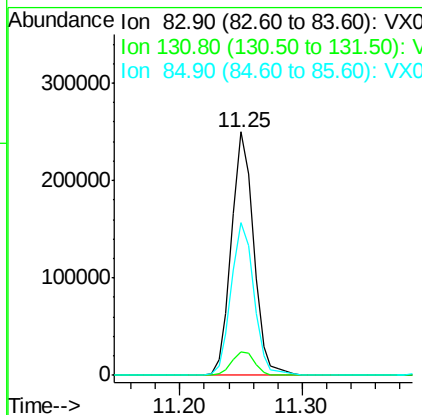
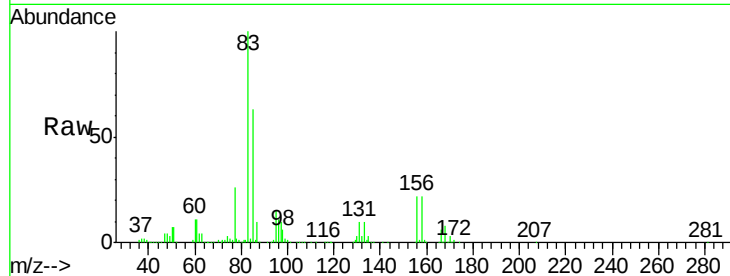
ClientSampleId :

ICVVX120420

Tot Ion	Ratio	Resp	Lower	Upper
83	100	313112		
131	10.1	5.1	15.2	
85	64.5	31.8	95.4	

Manual Integrations
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MMDadoda
12/7/2020 10:55:43 AM



#76

1,2,3-Trichloropropane

Concen: 48.642 ug/l m

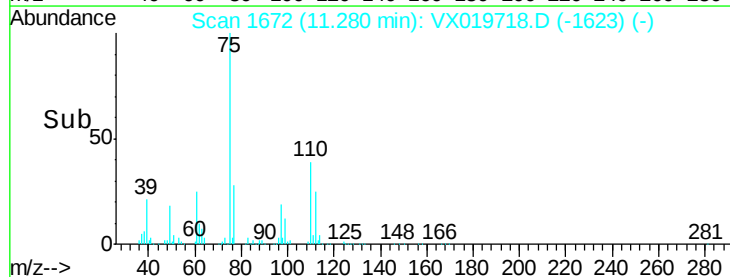
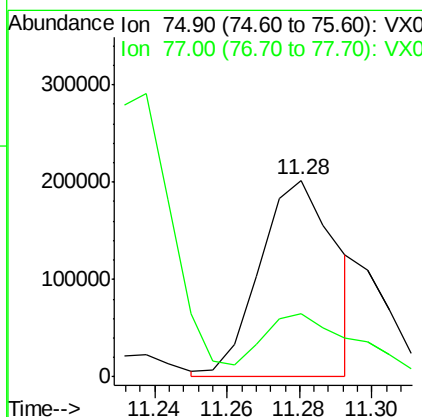
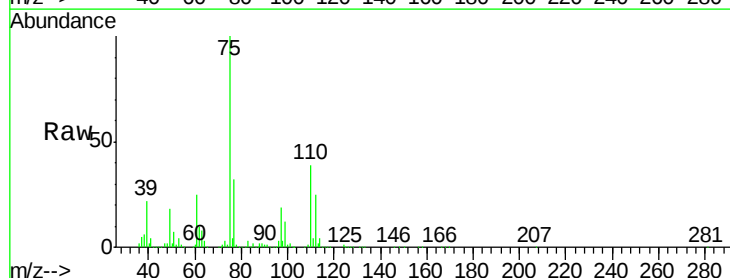
RT: 11.28 min Scan# 1672

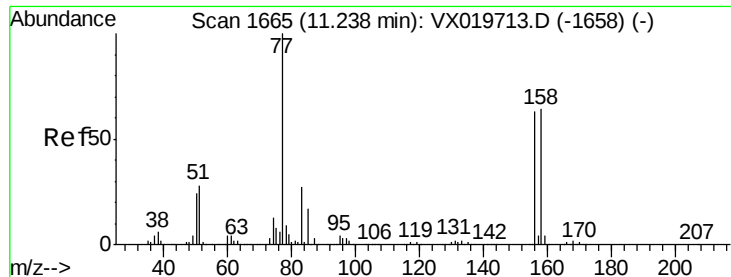
Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	296348		
77	39.0	19.1	57.5	





#77

Bromobenzene

Concen: 48.267 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

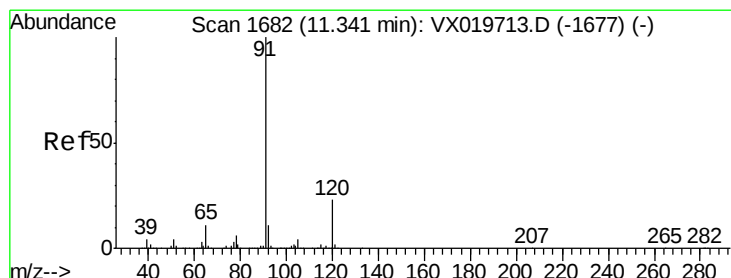
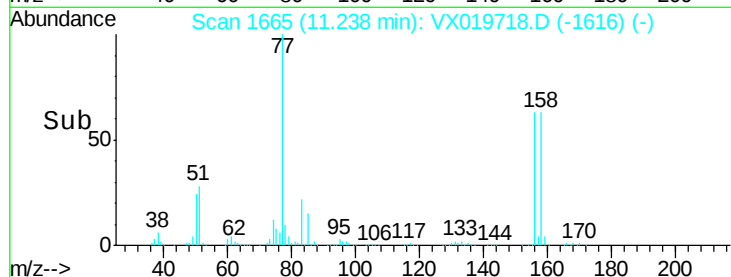
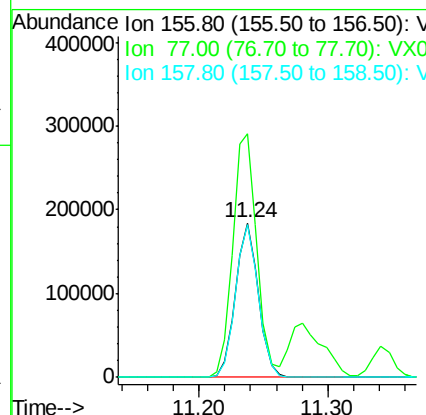
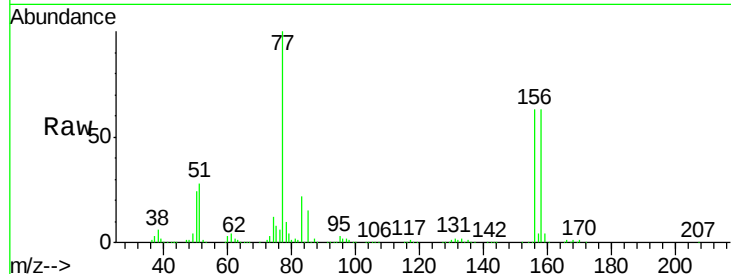
ClientSampleId :

ICVVX120420

Tot Ion:	156	Resp:	229233
Ion Ratio	Lower	Upper	
156	100		
77	166.6	82.8	248.6
158	98.8	49.1	147.4

Manual Integrations
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MMDadoda
12/7/2020 10:55:43 AM



#78

n-propylbenzene

Concen: 50.462 ug/l

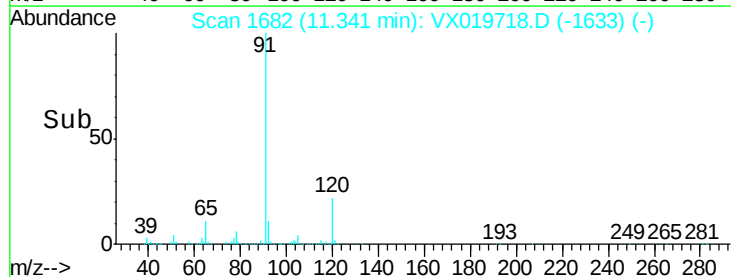
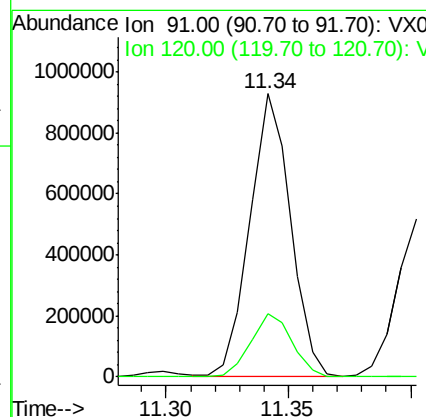
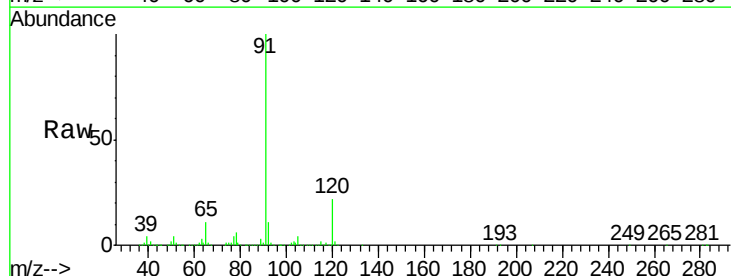
RT: 11.34 min Scan# 1682

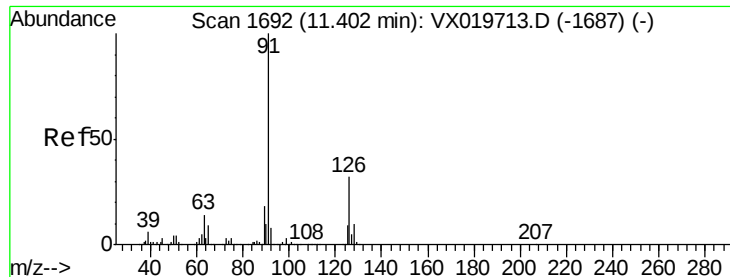
Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Tgt Ion:	91	Resp:	1069601
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.5





#79

2-Chlorotoluene

Concen: 49.121 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

ClientSampled :

ICVVX120420

Tot Ion: 91 Resp: 641180

Ion Ratio Lower Upper

91 100

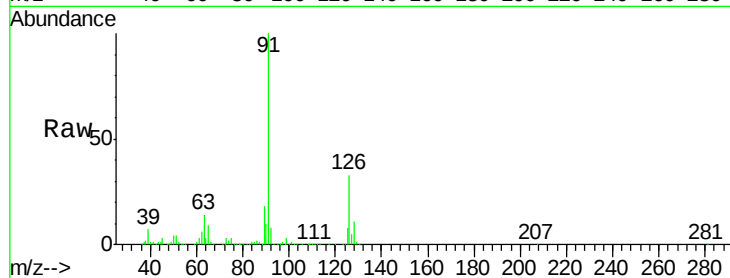
126 33.4 16.6 49.8

Manual Integrations

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12/7/2020 10:55:43 AM



Abundance Ion 91.00 (90.70 to 91.70): VX019718.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX019718.D (-1687) (-)

1000000

800000

600000

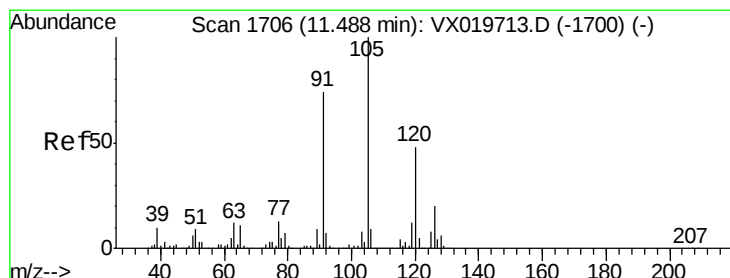
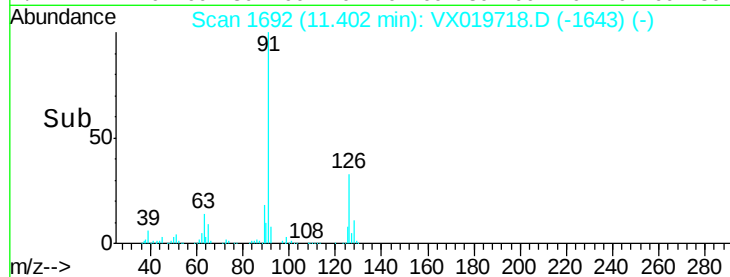
400000

200000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 50.537 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019718.D

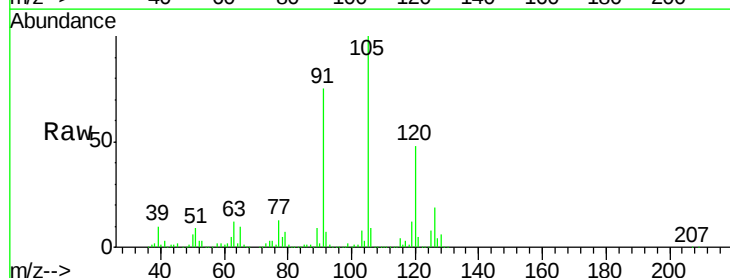
Acq: 04 Dec 2020 15:41

Tgt Ion: 105 Resp: 791540

Ion Ratio Lower Upper

105 100

120 48.5 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): VX019718.D (-1657) (-)

Ion 120.00 (119.70 to 120.70): VX019718.D (-1657) (-)

600000

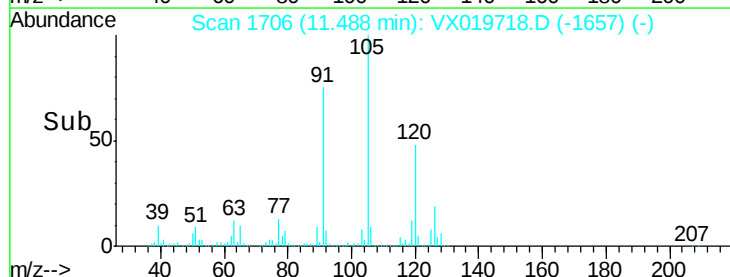
400000

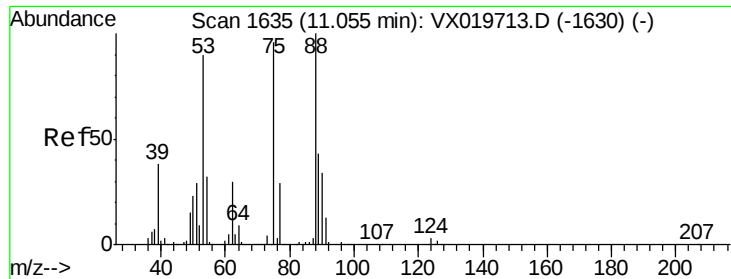
200000

0

11.40 11.50 11.60

Time-->





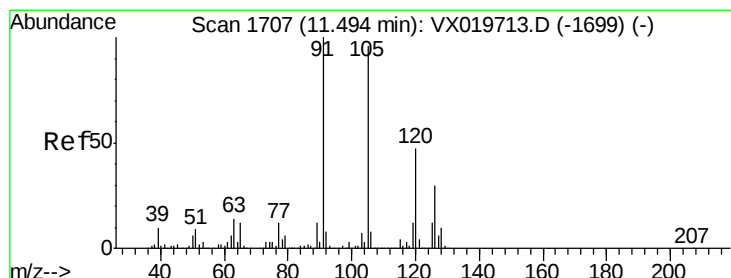
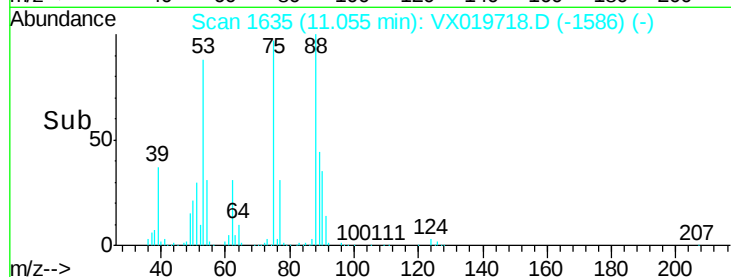
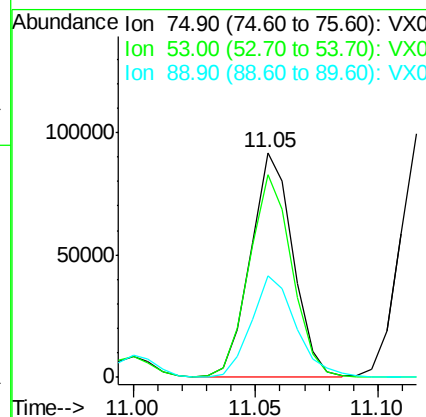
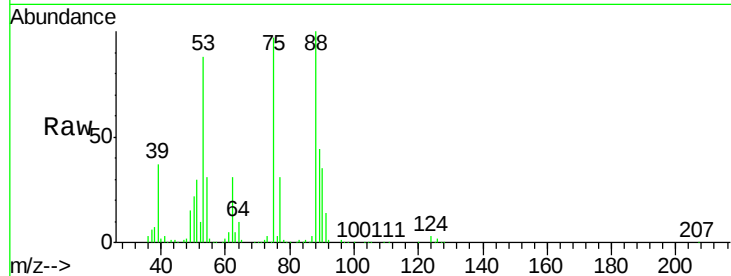
#81
trans-1,4-Dichloro-2-butene
Concen: 52.117 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120420

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.2	74.5	111.7
89	48.4	37.9	56.9

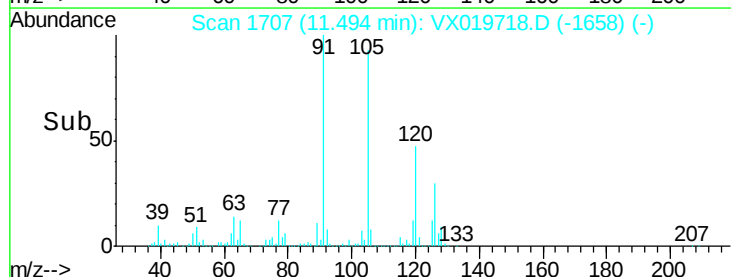
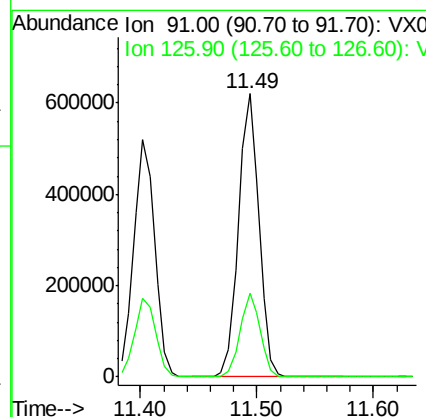
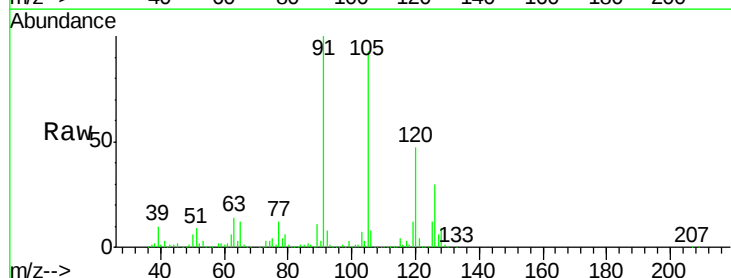
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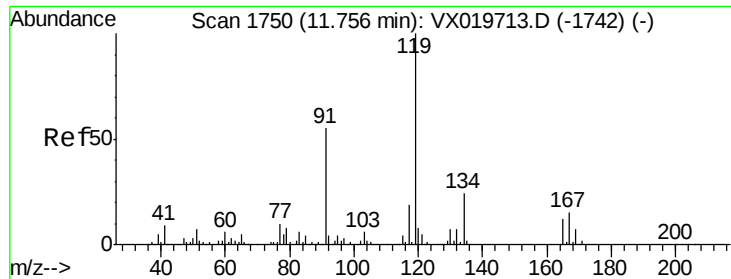
MMDadoda
12/7/2020 10:55:43 AM



#82
4-Chlorotoluene
Concen: 49.818 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.9	44.5





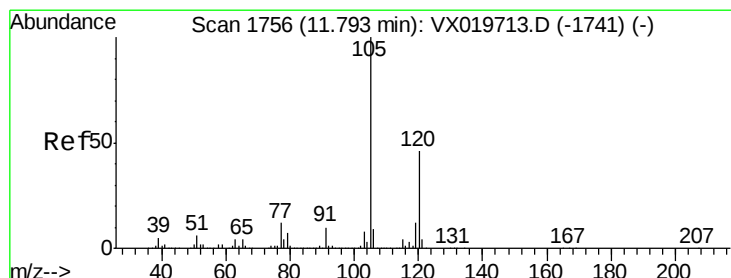
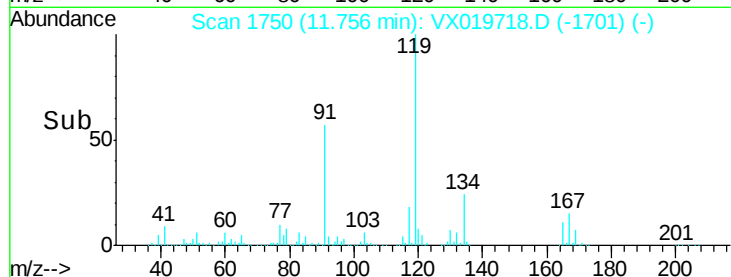
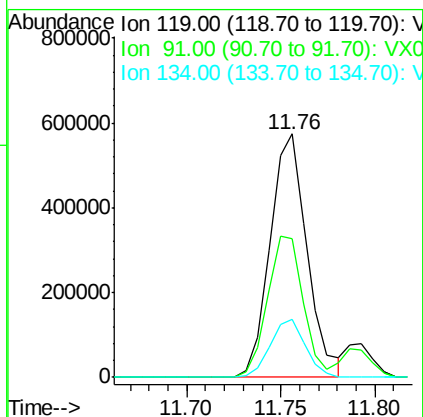
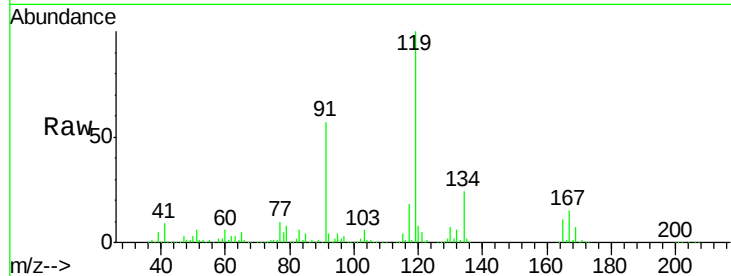
#83
tert-Butylbenzene
Concen: 50.622 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Instrument :
MSVOA_X
ClientSampleId :
ICVX120420

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.4	27.9	83.7
134	23.0	11.3	33.9

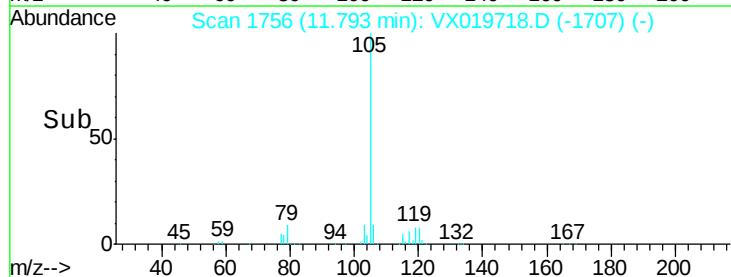
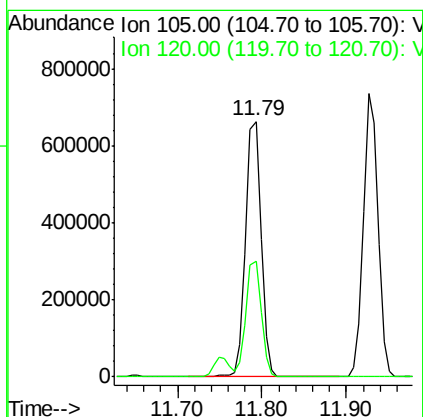
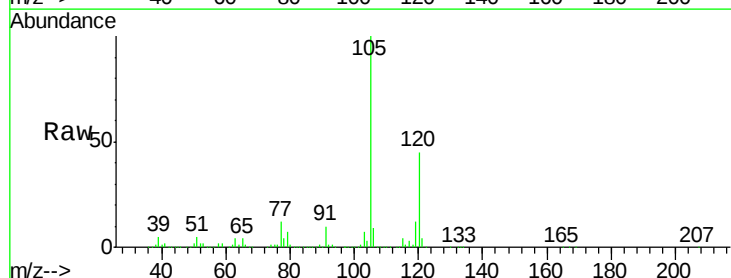
Manual Integrations
APPROVED

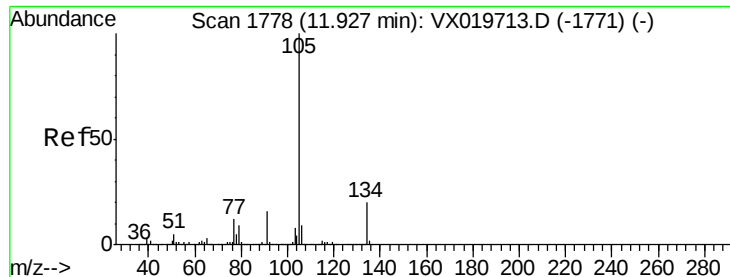
MMDadoda
12/7/2020 10:55:43 AM



#84
1,2,4-Trimethylbenzene
Concen: 51.426 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.4	67.3





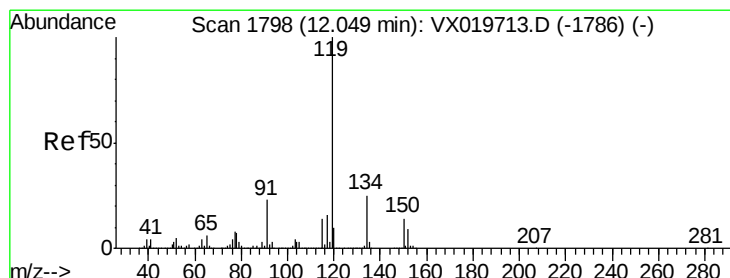
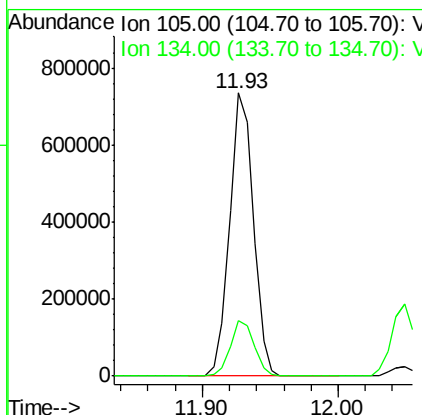
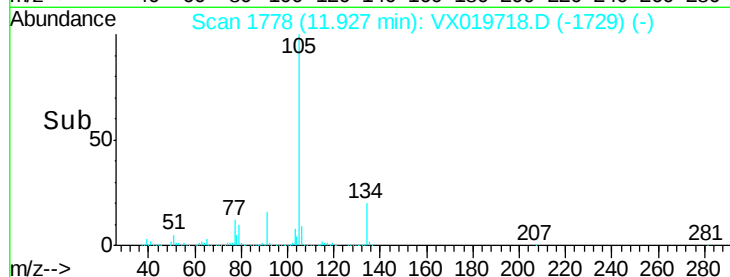
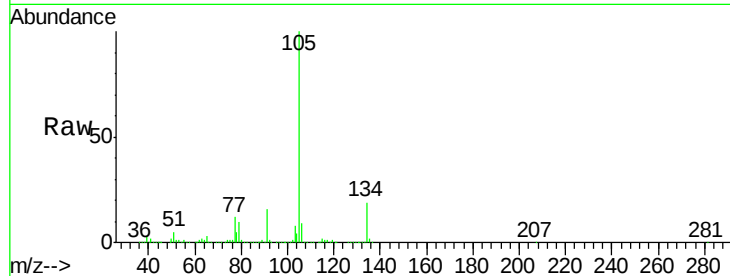
#85
 sec-Butylbenzene
 Concen: 50.890 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019718.D
 Acq: 04 Dec 2020 15:41

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX120420

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	10.0	29.8

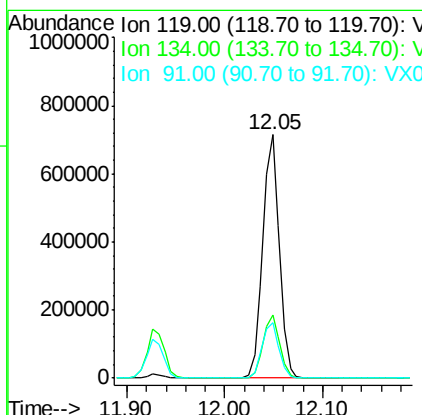
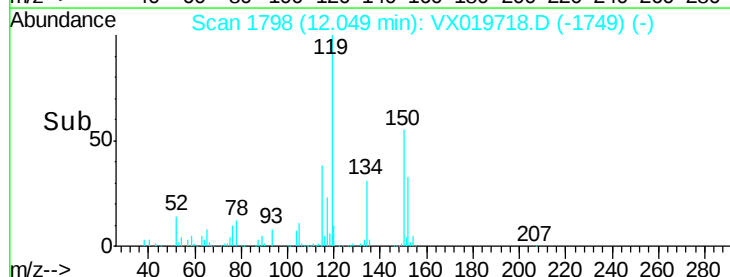
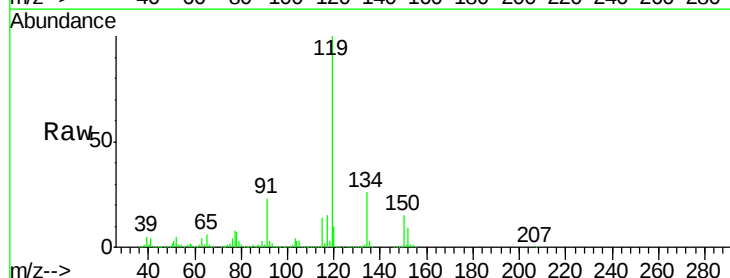
Manual Integrations
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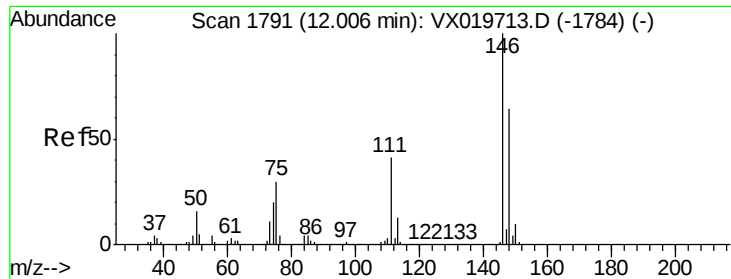
MMDadoda
 12/7/2020 10:55:43 AM



#86
 p-Isopropyltoluene
 Concen: 52.081 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019718.D
 Acq: 04 Dec 2020 15:41

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.9	38.7
91	23.3	11.7	35.0





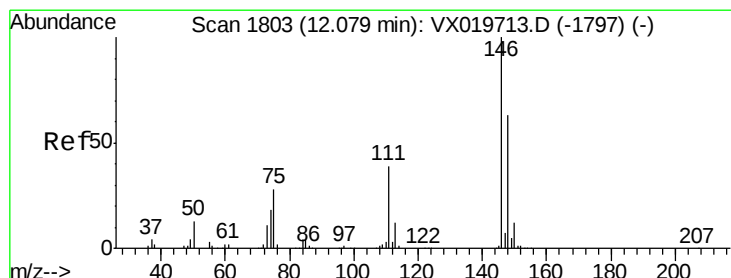
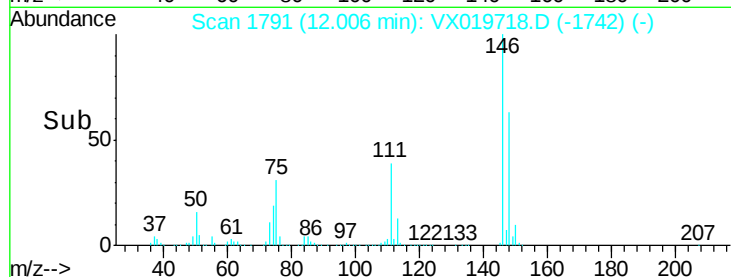
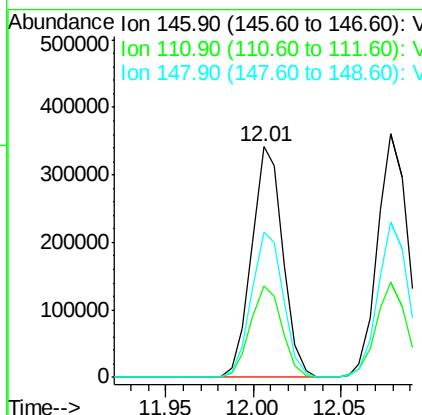
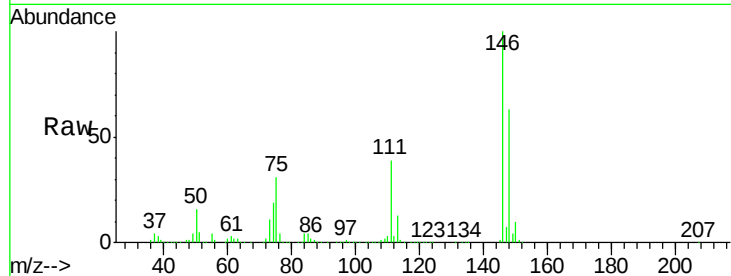
#87
 1,3-Dichlorobenzene
 Concen: 48.949 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019718.D
 Acq: 04 Dec 2020 15:41

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX120420

Tot Ion	Ratio	Resp	Lower	Upper
146	100	426676		
111	40.1	20.2	60.5	
148	64.3	31.9	95.7	

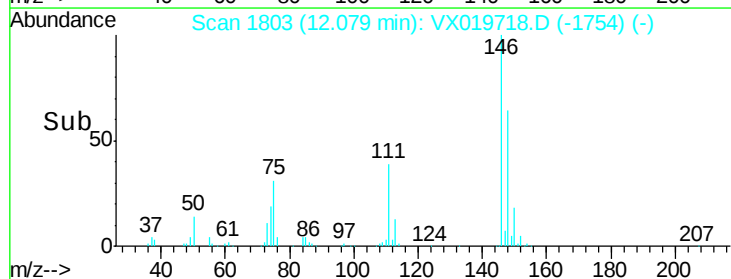
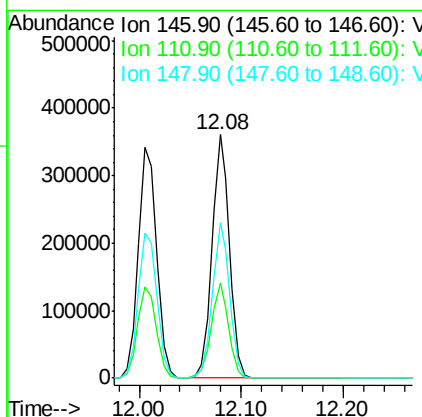
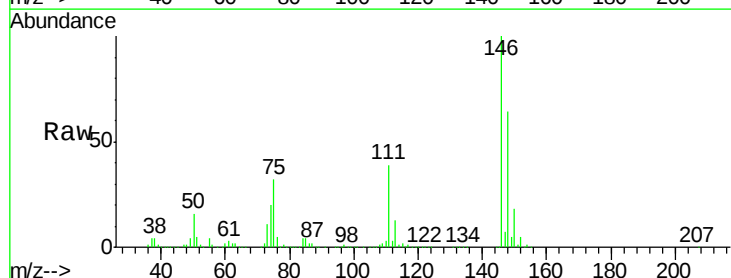
Manual Integrations
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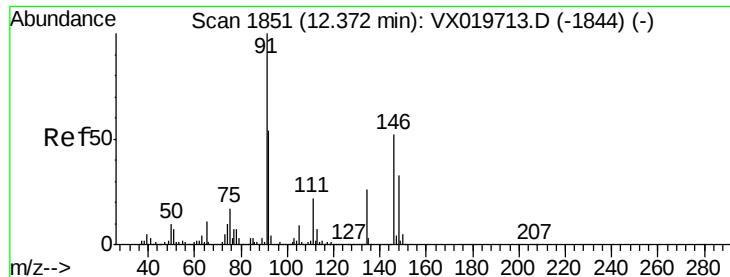
MMDadoda
 12/7/2020 10:55:43 AM



#88
 1,4-Dichlorobenzene
 Concen: 49.012 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019718.D
 Acq: 04 Dec 2020 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	435138		
111	38.9	19.6	58.8	
148	63.2	31.6	95.0	





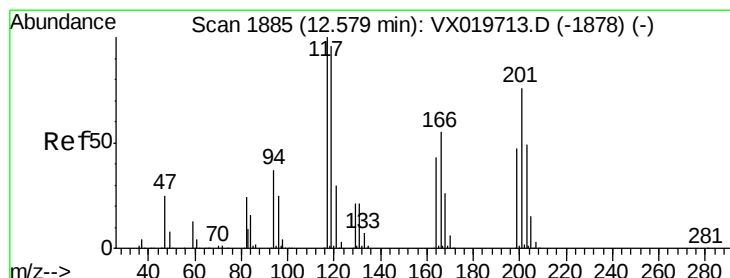
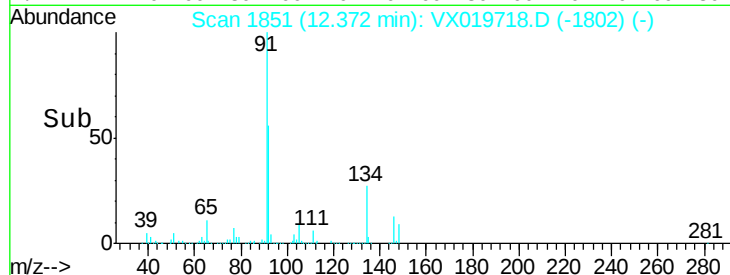
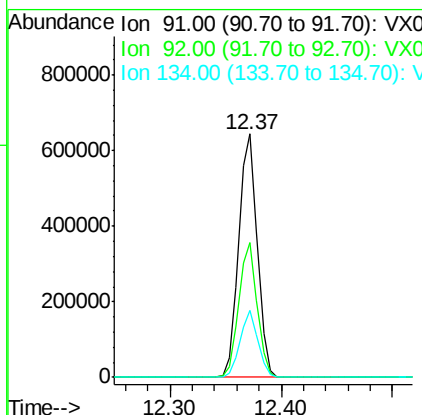
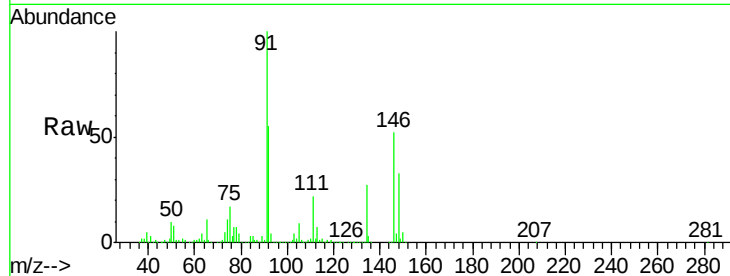
#89
n-Butylbenzene
Concen: 52.179 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120420

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.4	82.0
134	26.2	13.2	39.5

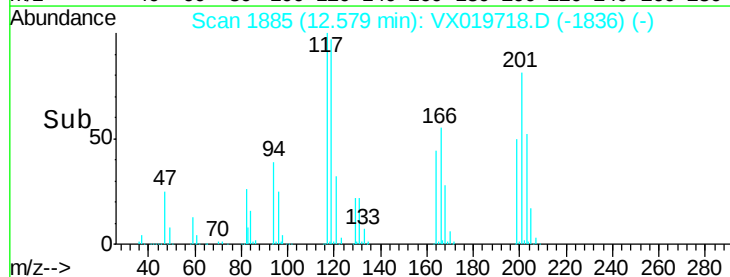
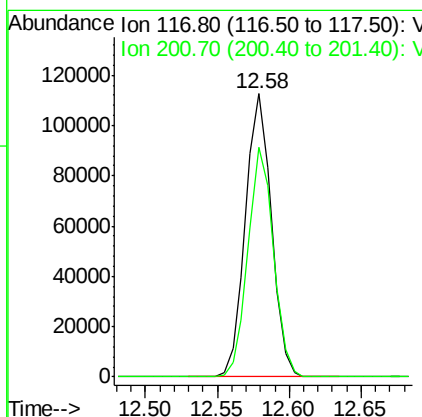
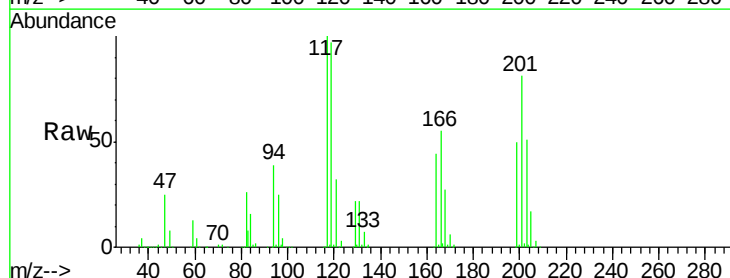
Manual Integrations
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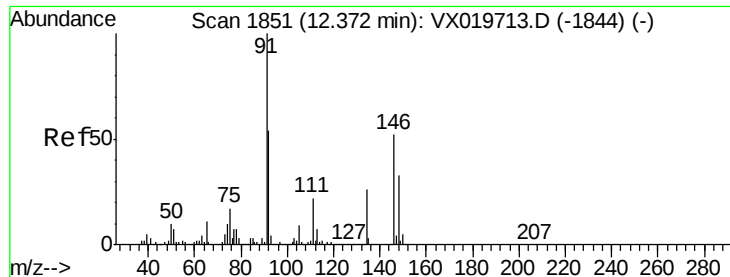
MMDadoda
12/7/2020 10:55:43 AM



#90
Hexachloroethane
Concen: 50.629 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.4	40.4	121.2





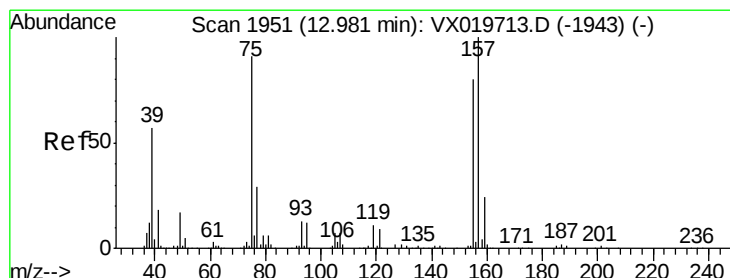
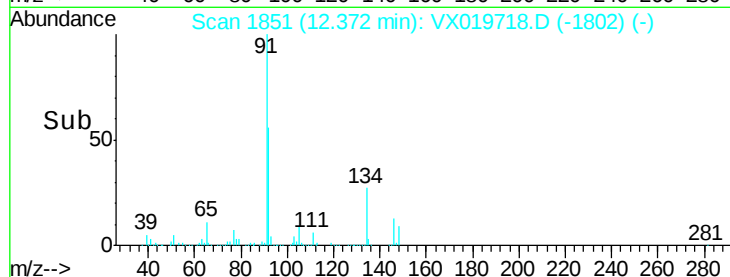
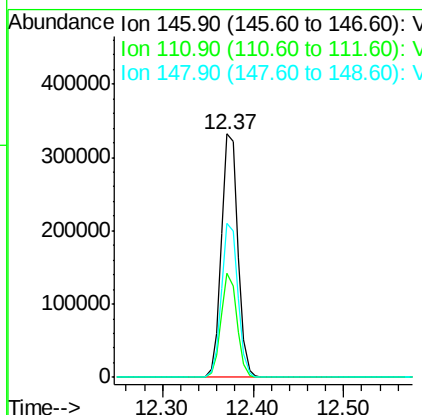
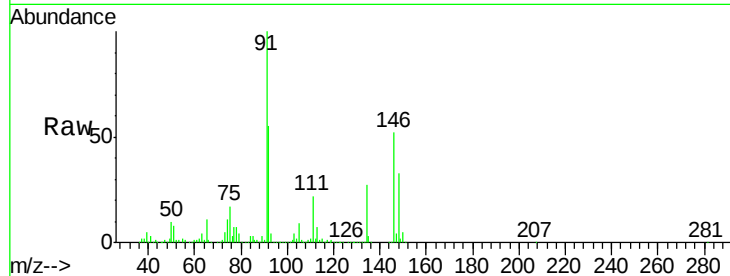
#91
1,2-Dichlorobenzene
Concen: 49.582 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120420

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.8	62.2
148	62.7	31.9	95.5

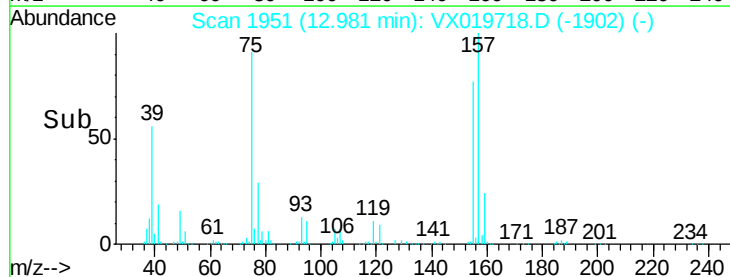
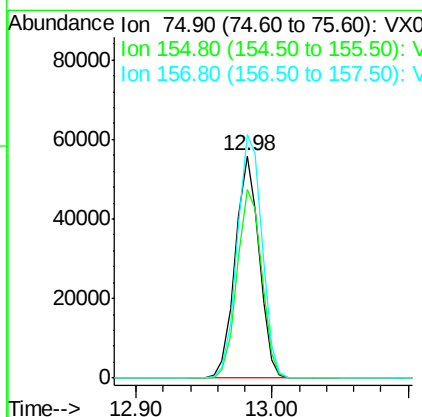
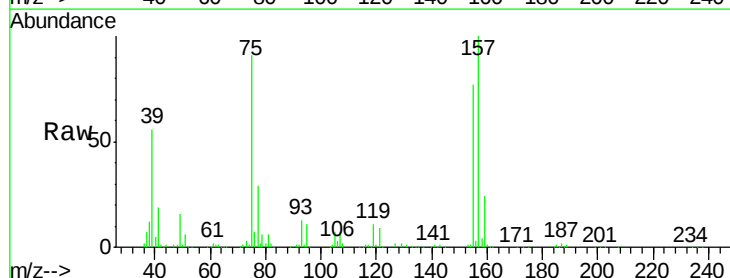
Manual Integrations
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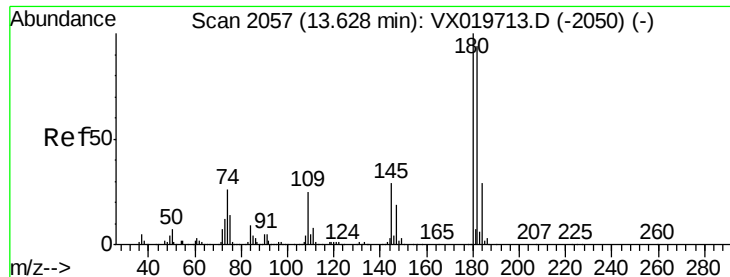
MMDadoda
12/7/2020 10:55:43 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.391 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.4	45.3	135.9
157	113.5	57.7	173.1





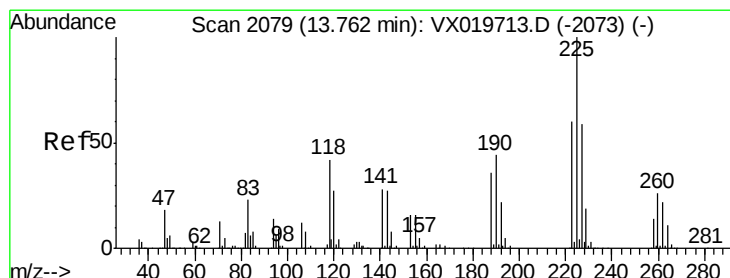
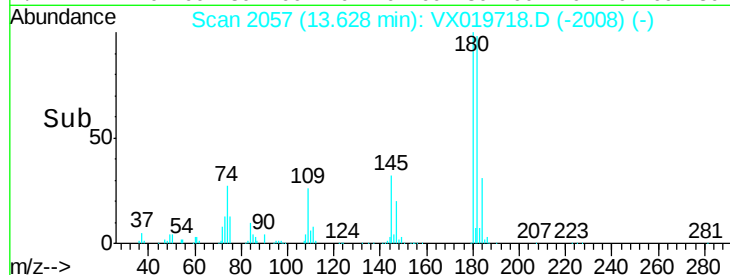
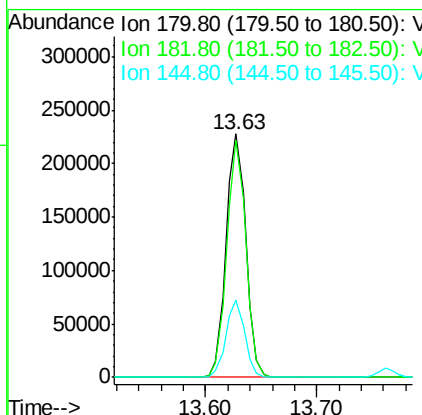
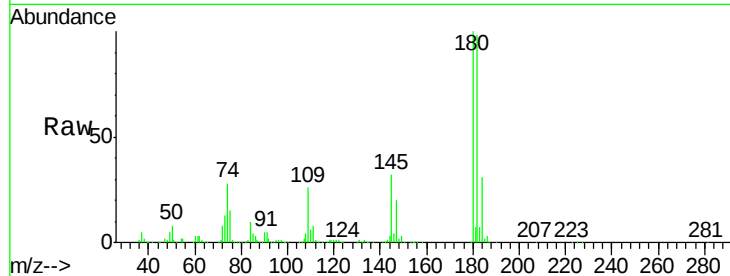
#93
1,2,4-Trichlorobenzene
Concen: 50.361 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Instrument :
MSVOA_X
ClientSampleId :
ICVVX120420

Tot Ion	Ratio	Resp	Lower	Upper
180	100	278560		
182	94.1	47.7	143.1	
145	30.3	15.0	45.0	

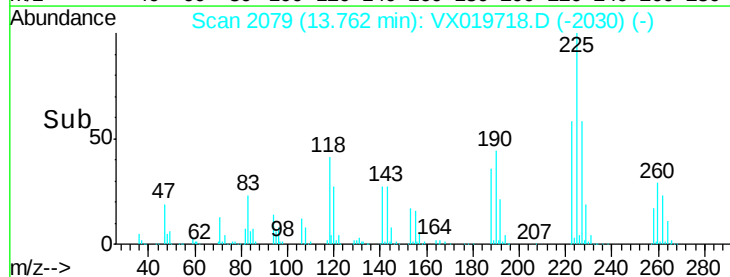
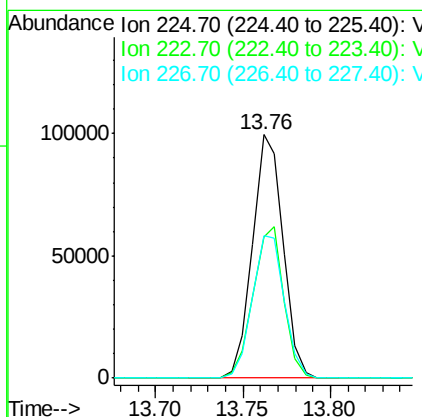
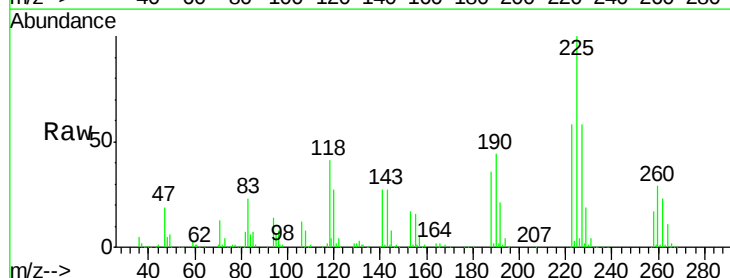
Manual Integrations
APPROVED

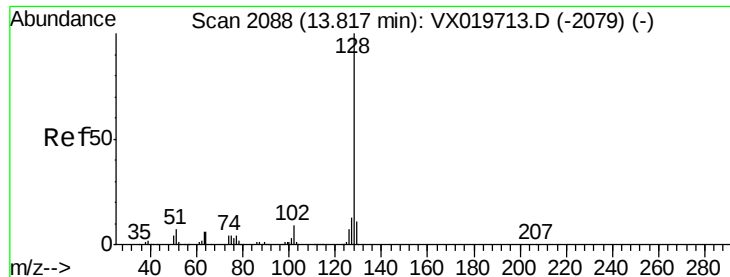
MMDadoda
12/7/2020 10:55:43 AM



#94
Hexachlorobutadiene
Concen: 49.269 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.00 min
Lab File: VX019718.D
Acq: 04 Dec 2020 15:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	121805		
223	62.0	31.1	93.2	
227	61.1	31.6	95.0	





#95

Naphthalene

Concen: 51.425 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Instrument :

MSVOA_X

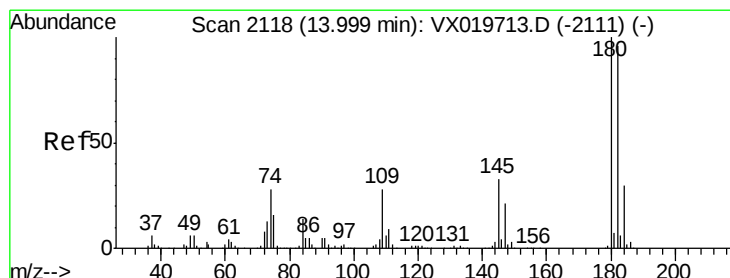
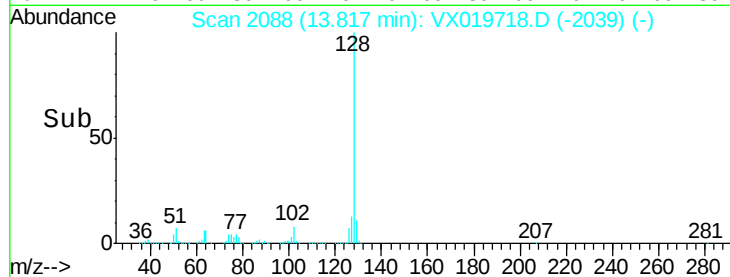
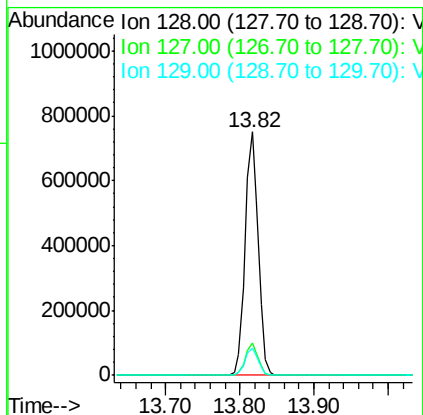
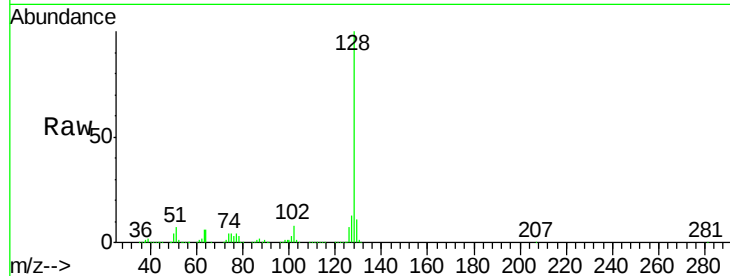
ClientSampleId :

ICVVX120420

Tot Ion:	128	Resp:	922186
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	11.1	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:55:43 AM



#96

1,2,3-Trichlorobenzene

Concen: 50.189 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX019718.D

Acq: 04 Dec 2020 15:41

Tgt Ion:	180	Resp:	271307
Ion Ratio	Lower	Upper	
180	100		
182	96.8	47.6	142.9
145	32.6	16.1	48.3

