

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120920\
 Data File : VX019769.D
 Acq On : 09 Dec 2020 11:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:31:40 AM

Quant Time: Dec 10 05:47:22 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	294996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	470437	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	431940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	225707	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.02	65	191861	49.49	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.98%
35) Dibromofluoromethane	5.45	113	157751	51.89	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.78%
50) Toluene-d8	8.69	98	614700	52.96	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	105.92%
62) 4-Bromofluorobenzene	11.12	95	238705	54.03	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	108.06%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	147661	54.673	ug/l	99
3) Chloromethane	1.31	50	149835	47.173	ug/l	99
4) Vinyl Chloride	1.39	62	180288	53.831	ug/l	100
5) Bromomethane	1.62	94	51899	46.669	ug/l	97
6) Chloroethane	1.70	64	113618	56.474	ug/l	98
7) Trichlorofluoromethane	1.91	101	257194	55.142	ug/l	99
8) Diethyl Ether	2.17	74	106046	53.653	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	148180	55.427	ug/l	100
10) Methyl Iodide	2.49	142	172733	43.834	ug/l	99
11) Tert butyl alcohol	3.01	59	203061	254.808	ug/l	100
12) 1,1-Dichloroethene	2.36	96	148409	54.909	ug/l	100
13) Acrolein	2.27	56	96600	225.722	ug/l	99
14) Allyl chloride	2.70	41	245137	53.702	ug/l	100
15) Acrylonitrile	3.11	53	464004	264.731	ug/l	100
16) Acetone	2.42	43	416962	286.118	ug/l	100
17) Carbon Disulfide	2.54	76	397967	51.316	ug/l	99
18) Methyl Acetate	2.74	43	194251	54.470	ug/l	100
19) Methyl tert-butyl Ether	3.16	73	546367	55.507	ug/l	99
20) Methylene Chloride	2.83	84	183502	55.306	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	172680	54.800	ug/l	99
22) Diisopropyl ether	3.82	45	512347	55.513	ug/l	97
23) Vinyl Acetate	3.78	43	2192370	278.822	ug/l	99
24) 1,1-Dichloroethane	3.67	63	304440	54.701	ug/l	100
25) 2-Butanone	4.62	43	605024	270.184	ug/l	98
26) 2,2-Dichloropropane	4.54	77	267834	55.882	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	200363	54.335	ug/l	98
28) Bromochloromethane	4.97	49	119885	45.186	ug/l	99
29) Tetrahydrofuran	5.08	42	374928	259.869	ug/l	100
30) Chloroform	5.17	83	313644	54.807	ug/l	99
31) Cyclohexane	5.54	56	261267	54.173	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	272001	55.192	ug/l	99
36) 1,1-Dichloropropene	5.76	75	233217	54.861	ug/l	100
37) Ethyl Acetate	4.78	43	228477	53.232	ug/l	99
38) Carbon Tetrachloride	5.75	117	233357	56.057	ug/l	99

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 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)
39) Methylcyclohexane	7.43	83	285515	57.166	ug/l	99
40) Benzene	6.10	78	717136	55.225	ug/l	99
41) Methacrylonitrile	5.00	41	124679	52.907	ug/l	98
42) 1,2-Dichloroethane	6.15	62	245667	55.371	ug/l	100
43) Isopropyl Acetate	6.40	43	376009	53.884	ug/l	100
44) Trichloroethene	7.18	130	190255	55.840	ug/l	96
45) 1,2-Dichloropropane	7.48	63	180671	55.669	ug/l	97
46) Dibromomethane	7.63	93	122092	55.707	ug/l	98
47) Bromodichloromethane	7.87	83	249469	57.362	ug/l	99
48) Methyl methacrylate	7.74	41	186434	54.323	ug/l	99
49) 1,4-Dioxane	7.71	88	90825	1092.475	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1162614	272.891	ug/l	100
52) Toluene	8.76	92	452947	55.770	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	278293	57.664	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	301239	57.454	ug/l	99
55) 1,1,2-Trichloroethane	9.19	97	184650	56.417	ug/l	98
56) Ethyl methacrylate	9.15	69	282929	57.136	ug/l	99
57) 1,3-Dichloropropane	9.35	76	308000	55.112	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	782735	298.379	ug/l	99
59) 2-Hexanone	9.47	43	930712	281.833	ug/l	99
60) Dibromochloromethane	9.56	129	196498	59.092	ug/l	100
61) 1,2-Dibromoethane	9.65	107	191879	55.210	ug/l	98
64) Tetrachloroethene	9.32	164	163853	56.566	ug/l	96
65) Chlorobenzene	10.12	112	480422	55.828	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	179441	57.934	ug/l	99
67) Ethyl Benzene	10.23	91	869594	56.929	ug/l	98
68) m/p-Xylenes	10.34	106	660922	114.826	ug/l	99
69) o-Xylene	10.68	106	320043	57.803	ug/l	100
70) Styrene	10.70	104	550667	58.923	ug/l	100
71) Bromoform	10.84	173	145807	59.840	ug/l #	99
73) Isopropylbenzene	11.00	105	861853	55.891	ug/l	99
74) N-amyl acetate	10.88	43	332820	53.858	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	288137	53.000	ug/l	98
76) 1,2,3-Trichloropropane	11.27	75	275207m	54.365	ug/l	
77) Bromobenzene	11.24	156	215341	54.569	ug/l	98
78) n-propylbenzene	11.34	91	998224	56.678	ug/l	100
79) 2-Chlorotoluene	11.40	91	599475	55.272	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	725823	55.772	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	99559	56.854	ug/l	99
82) 4-Chlorotoluene	11.49	91	702101	55.273	ug/l	99
83) tert-Butylbenzene	11.76	119	721715	56.544	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	747004	56.982	ug/l	99
85) sec-Butylbenzene	11.93	105	827900	56.812	ug/l	99
86) p-Isopropyltoluene	12.05	119	772539	57.844	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	395940	54.667	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	405093	54.914	ug/l	99
89) n-Butylbenzene	12.37	91	689816	58.298	ug/l	99
90) Hexachloroethane	12.58	117	133267	57.798	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	387563	54.892	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	61194	52.359	ug/l	99

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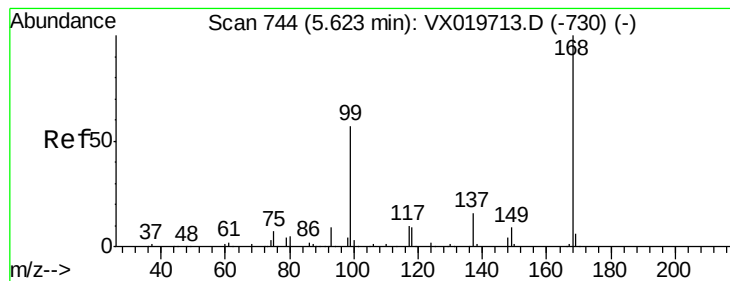
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	260933	56.774	ug/l	98
94) Hexachlorobutadiene	13.76	225	114124	55.556	ug/l	99
95) Naphthalene	13.82	128	831556	55.808	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	256257	57.052	ug/l	100

(#) = 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: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 294996

Ion Ratio Lower Upper

168 100

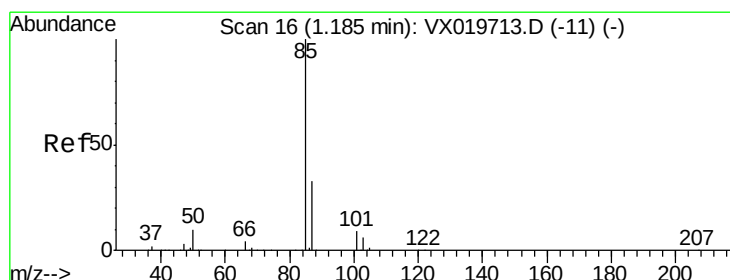
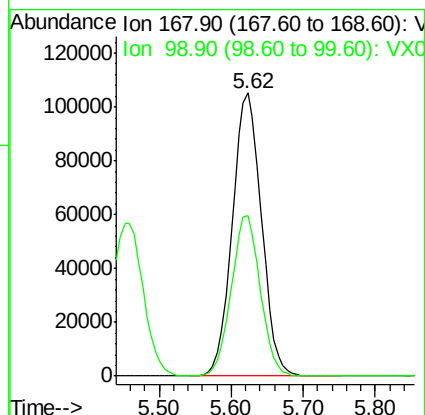
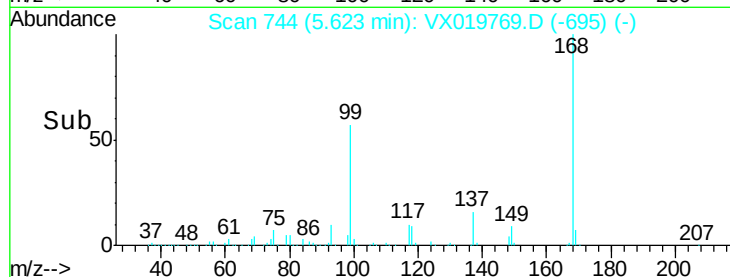
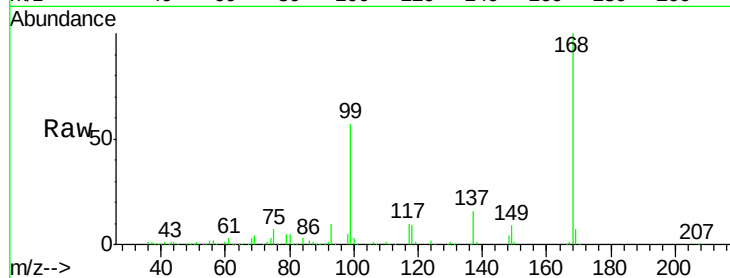
99 56.5 45.8 68.6

Manual Integrations

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12/10/2020 9:31:40 AM



#2

Dichlorodifluoromethane

Concen: 54.673 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019769.D

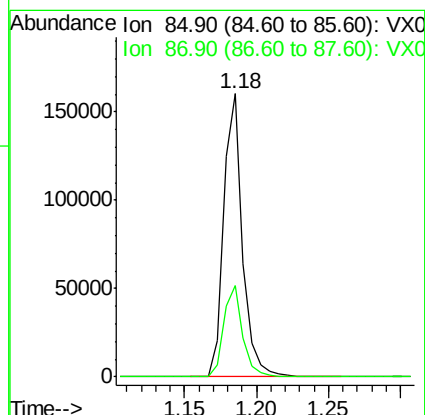
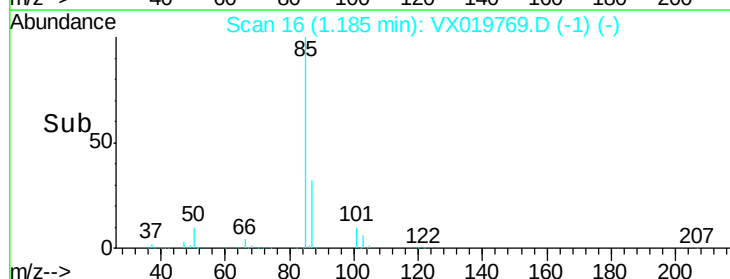
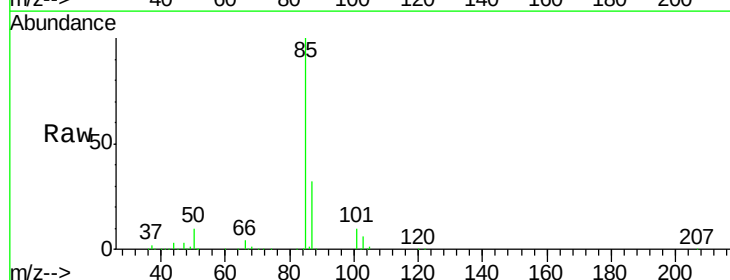
Acq: 09 Dec 2020 11:08

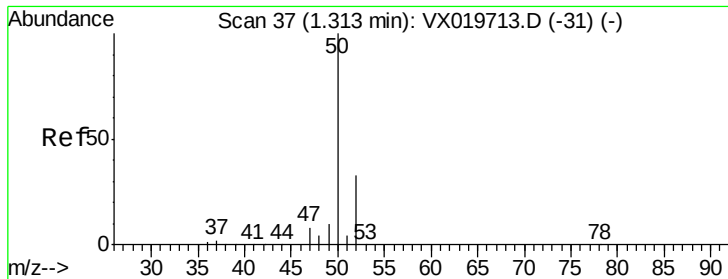
Tgt Ion: 85 Resp: 147661

Ion Ratio Lower Upper

85 100

87 32.2 16.4 49.2





#3

Chloromethane

Concen: 47.173 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 149835

Ion Ratio Lower Upper

50 100

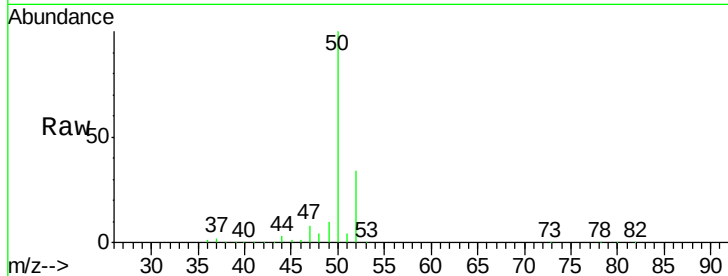
52 33.7 26.4 39.6

Manual Integrations

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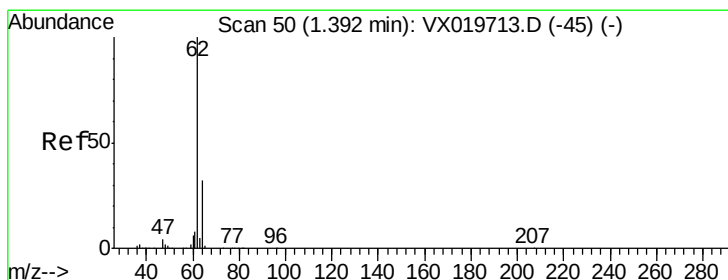
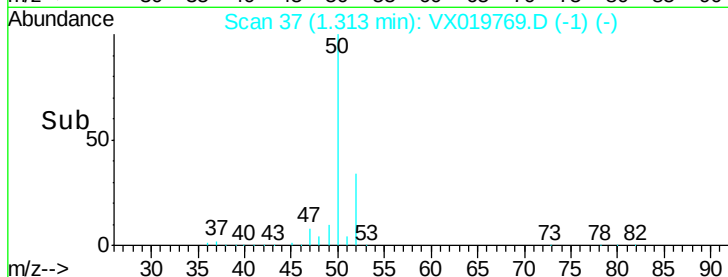
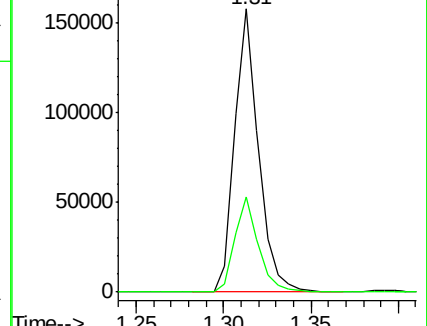
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 53.831 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019769.D

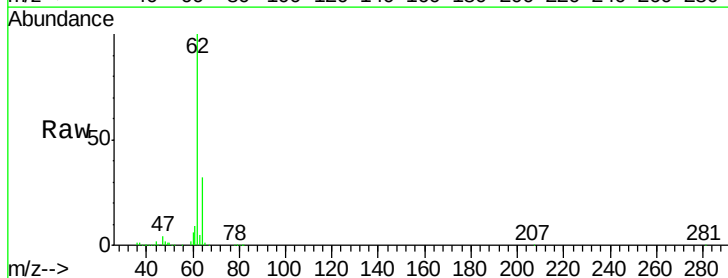
Acq: 09 Dec 2020 11:08

Tgt Ion: 62 Resp: 180288

Ion Ratio Lower Upper

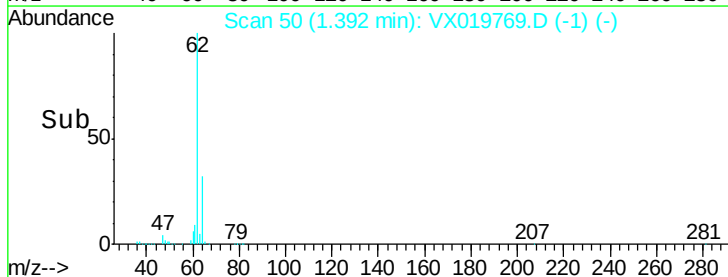
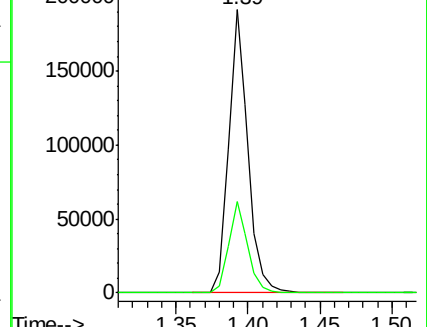
62 100

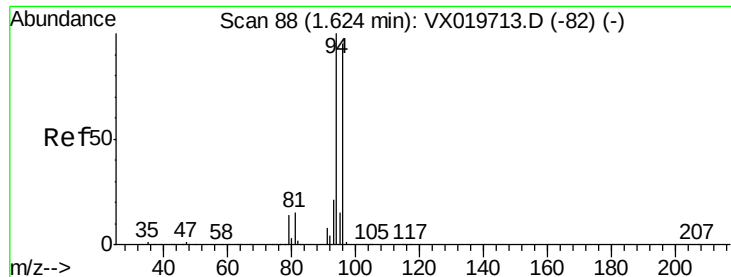
64 32.1 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 46.669 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 51899

Ion Ratio Lower Upper

94 100

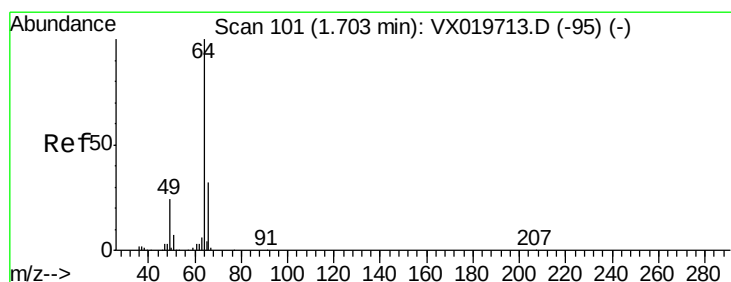
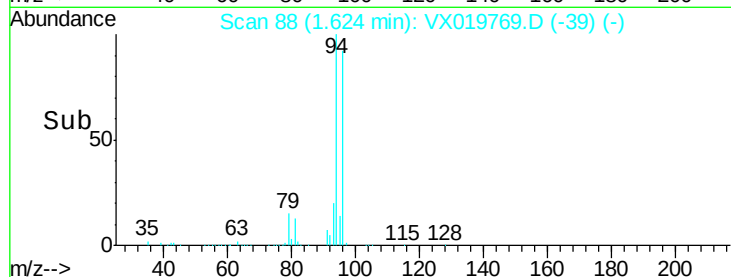
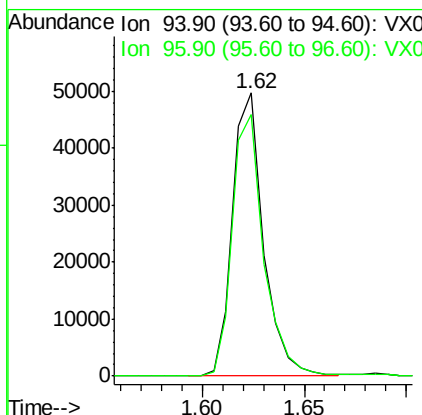
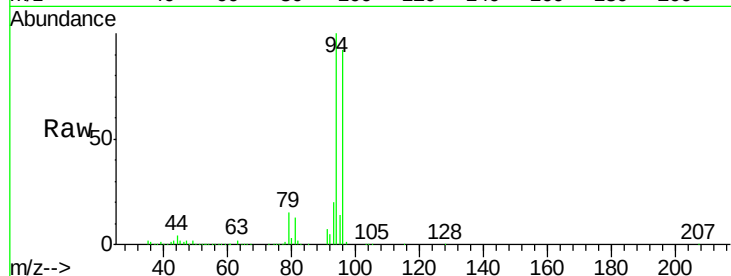
96 92.3 76.4 114.6

Manual Integrations

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#6

Chloroethane

Concen: 56.474 ug/l

RT: 1.70 min Scan# 101

Delta R.T. 0.00 min

Lab File: VX019769.D

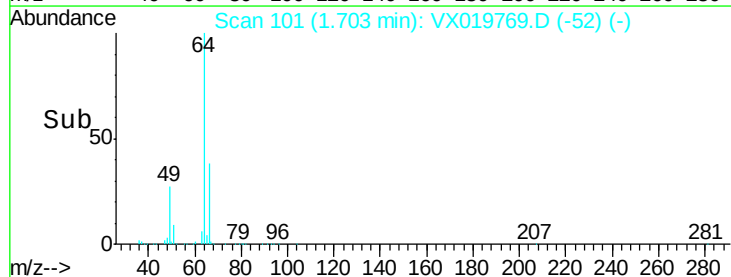
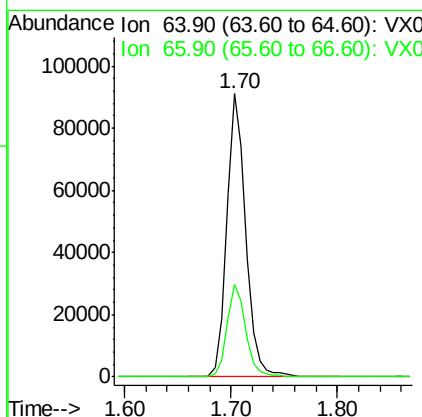
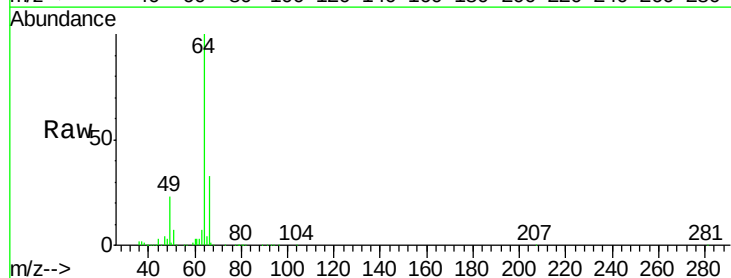
Acq: 09 Dec 2020 11:08

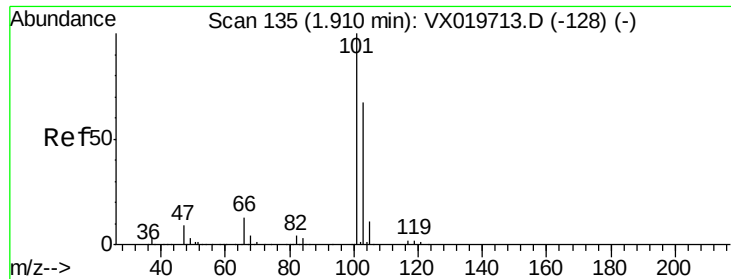
Tgt Ion: 64 Resp: 113618

Ion Ratio Lower Upper

64 100

66 32.6 25.4 38.0





#7

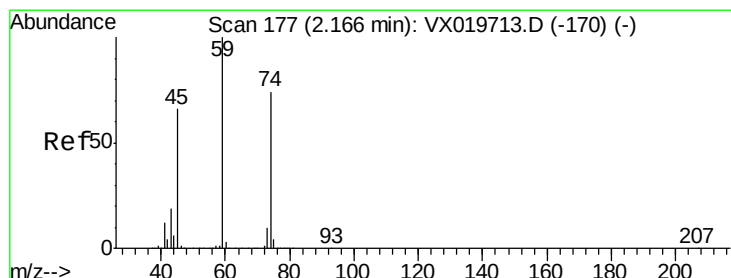
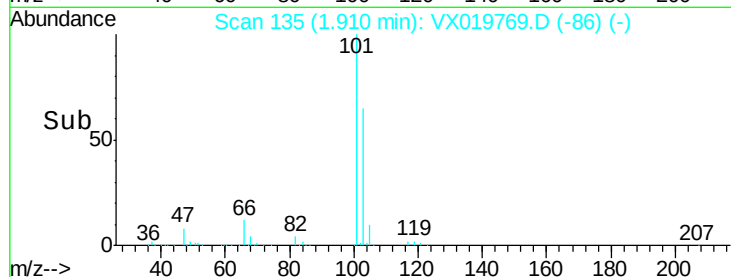
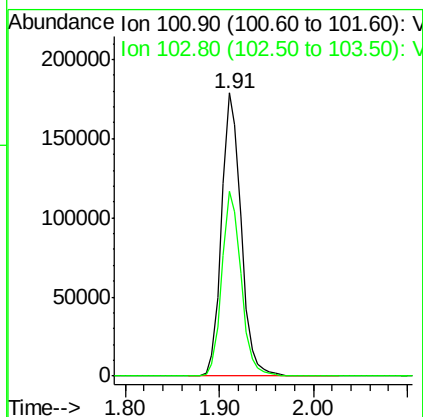
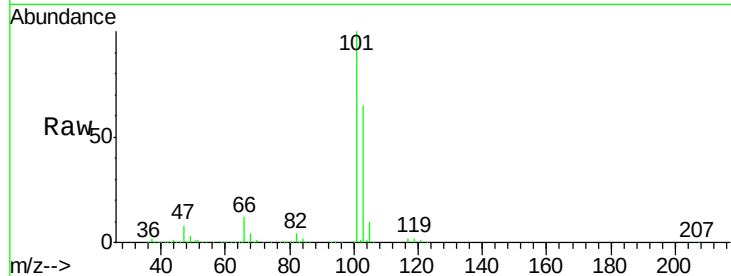
Trichlorofluoromethane
Concen: 55.142 ug/l
RT: 1.91 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.5	53.2	79.8

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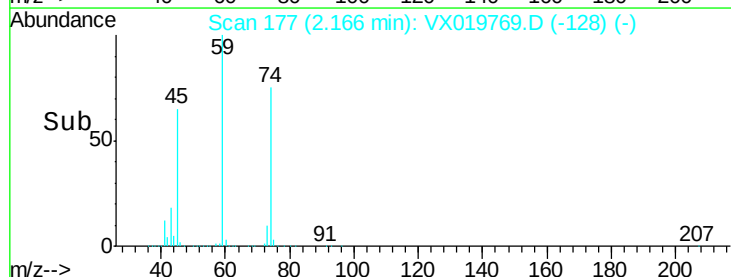
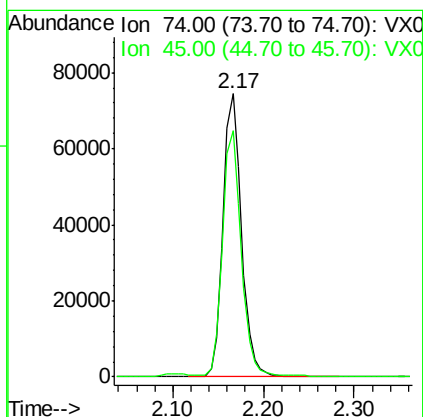
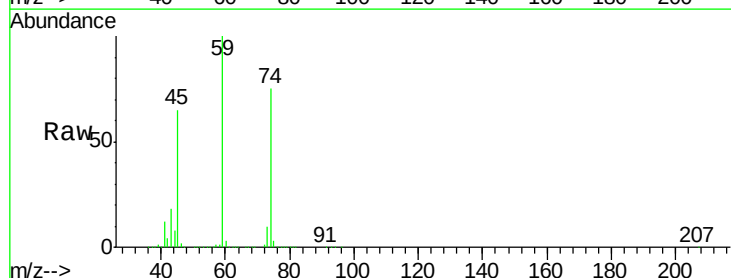
MMDadoda
12/10/2020 9:31:40 AM

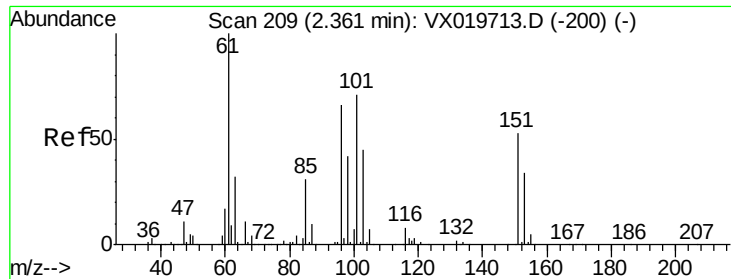


#8

Diethyl Ether
Concen: 53.653 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.3	44.5	133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.427 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

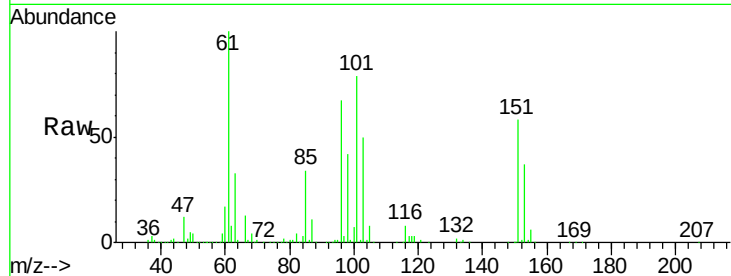
ClientSampleId :

VSTDCCC050

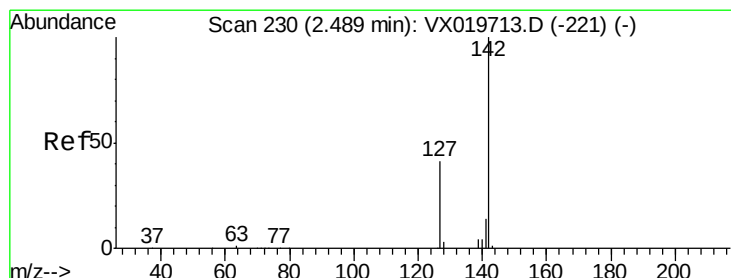
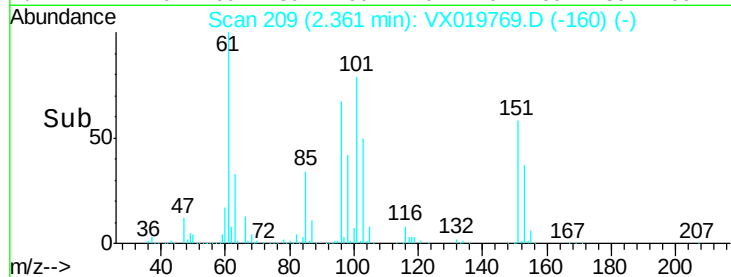
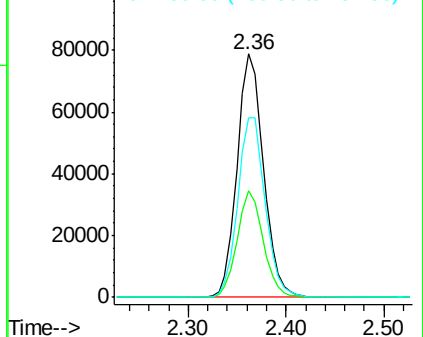
Tot Ion:	101	Resp:	148180
Ion Ratio	Lower	Upper	
101	100		
85	43.3	34.9	52.3
151	76.4	61.4	92.2

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.834 ug/l

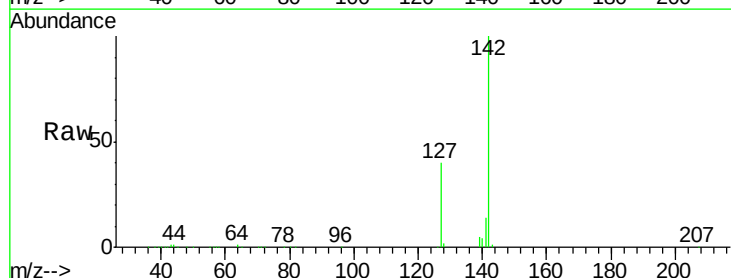
RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

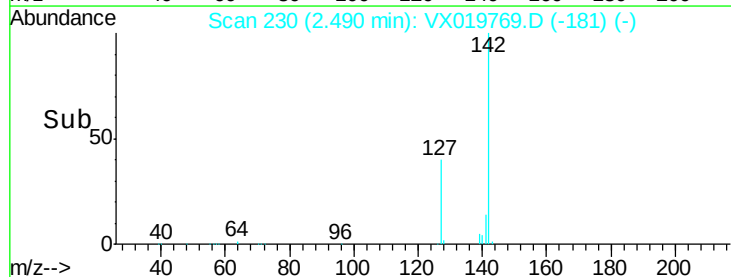
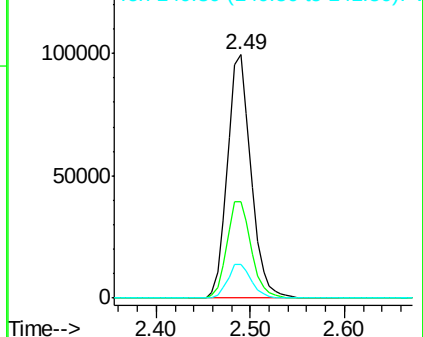
Lab File: VX019769.D

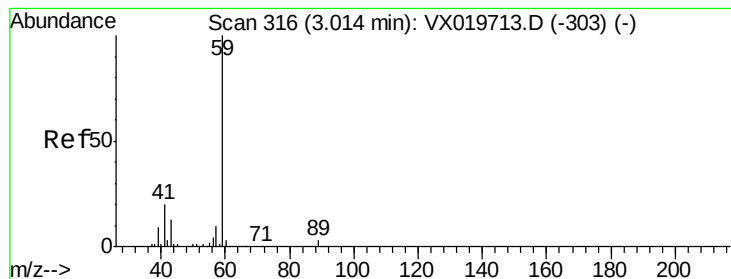
Acq: 09 Dec 2020 11:08

Tgt Ion:	142	Resp:	172733
Ion Ratio	Lower	Upper	
142	100		
127	41.0	33.3	49.9
141	14.1	11.4	17.0



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





#11

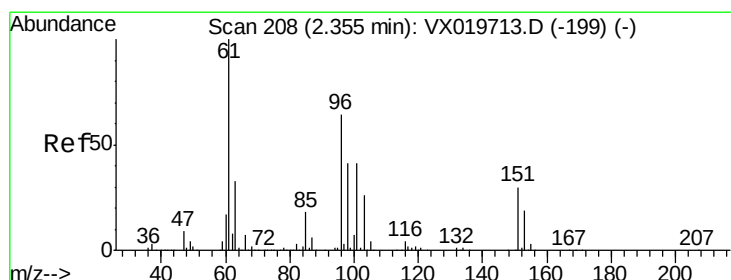
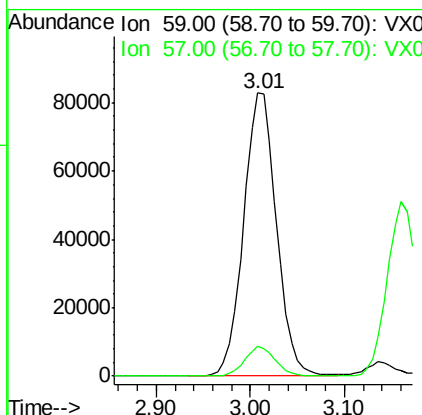
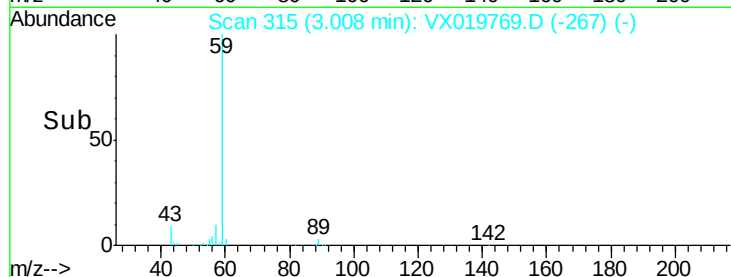
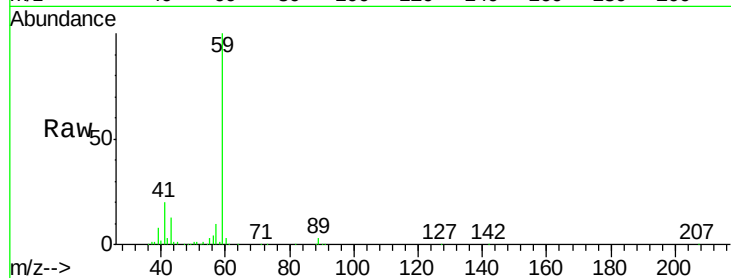
Tert butyl alcohol
Concen: 254.808 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
59	100	203061		
57	9.9		7.8	11.8

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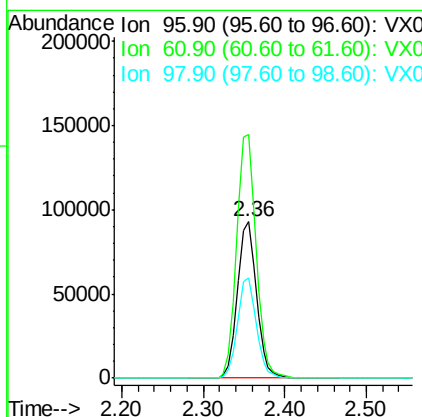
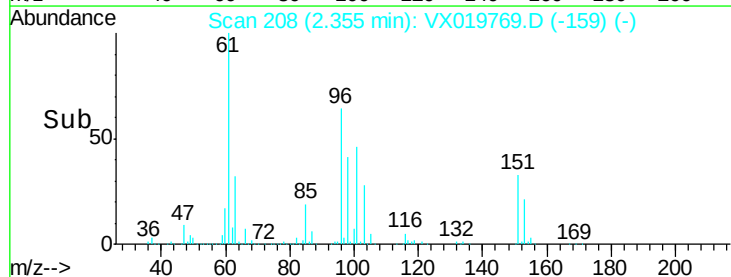
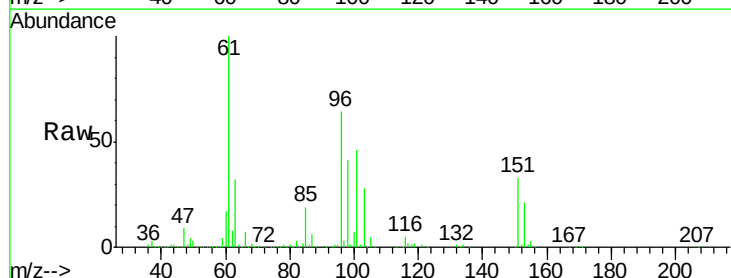
MMDadoda
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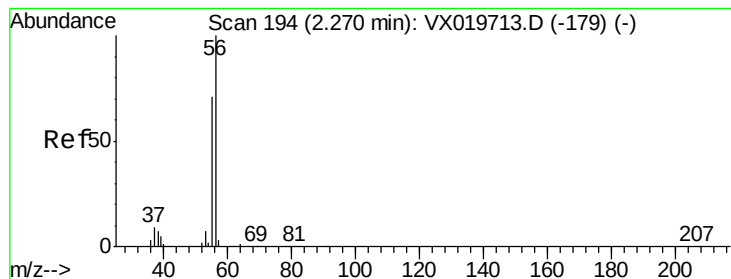


#12

1,1-Dichloroethene
Concen: 54.909 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	148409		
61	155.7		124.6	187.0
98	64.1		50.6	76.0





#13

Acrolein

Concen: 225.722 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 96600

Ion Ratio Lower Upper

56 100

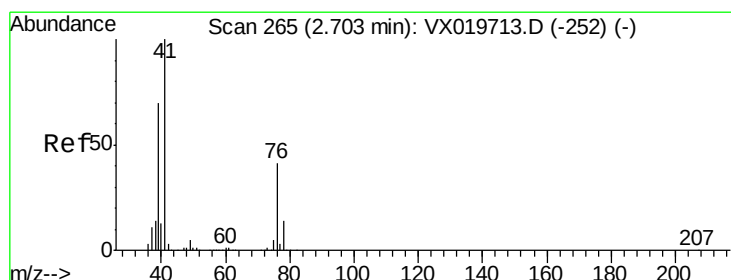
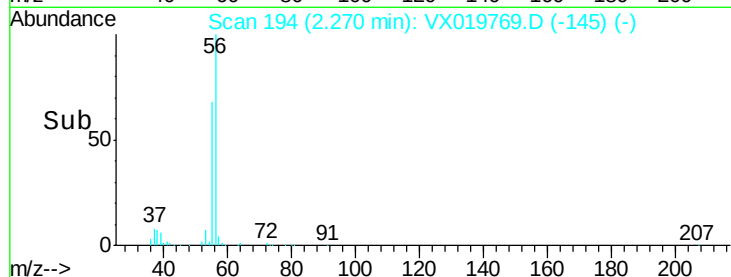
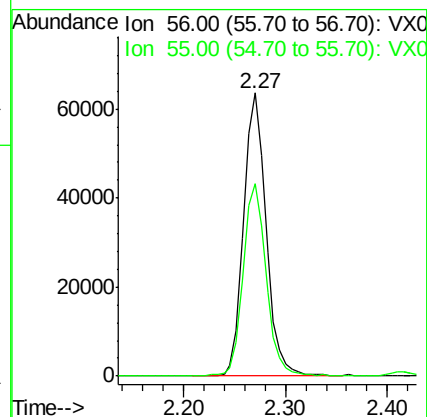
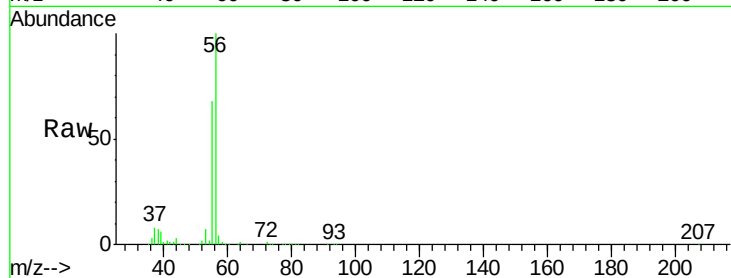
55 69.6 56.4 84.6

Manual Integrations

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#14

Allyl chloride

Concen: 53.702 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

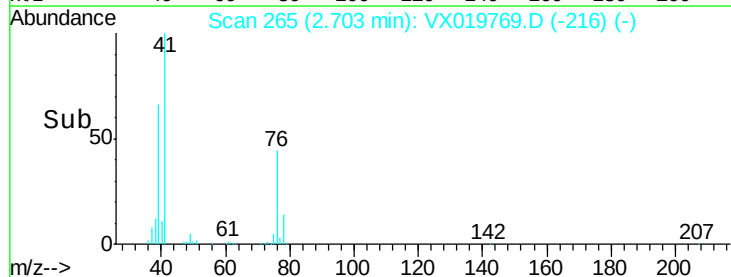
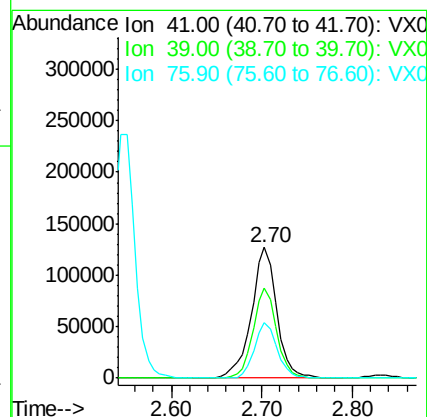
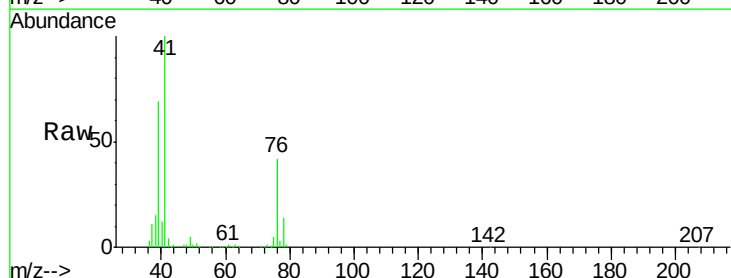
Tgt Ion: 41 Resp: 245137

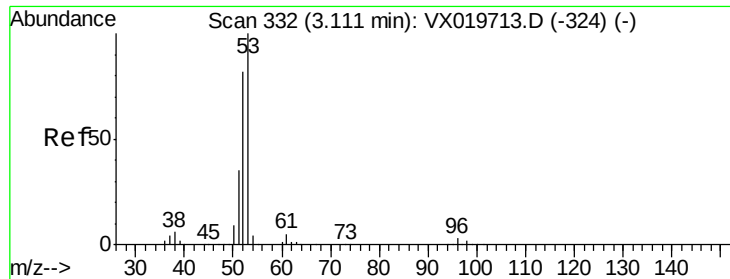
Ion Ratio Lower Upper

41 100

39 64.3 51.6 77.4

76 38.3 30.5 45.7





#15

Acrylonitrile

Concen: 264.731 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

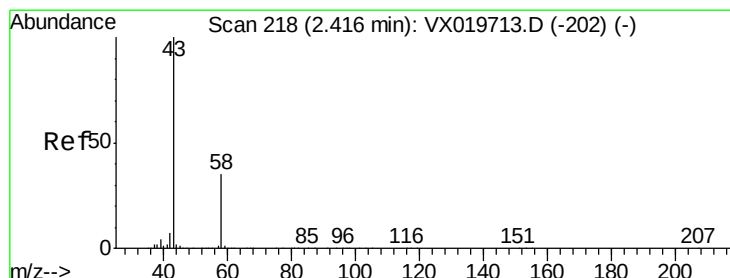
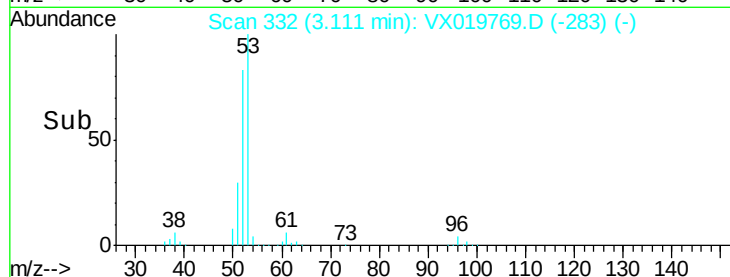
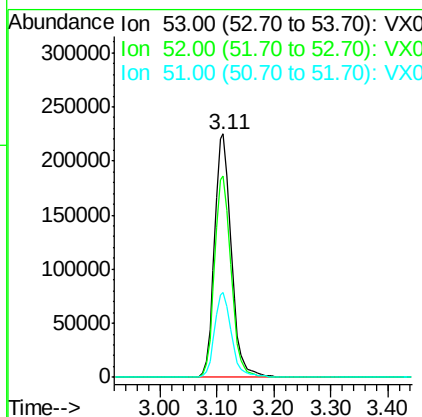
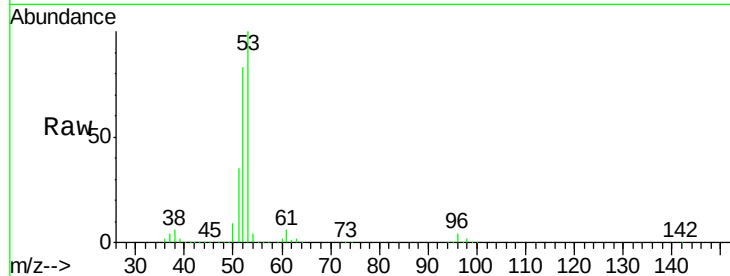
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	464004
Ion	Ratio	Lower	Upper
53	100		
52	81.3	65.3	97.9
51	35.0	28.2	42.2

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#16

Acetone

Concen: 286.118 ug/l

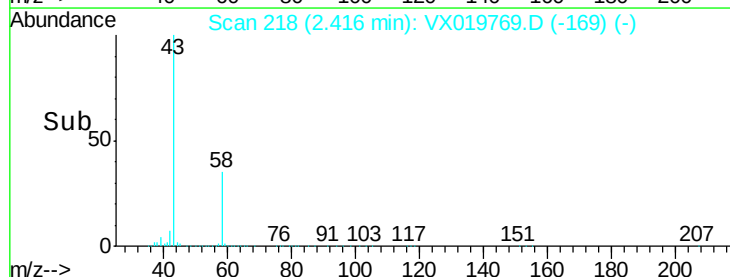
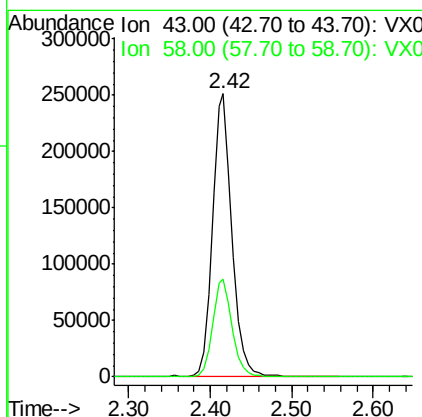
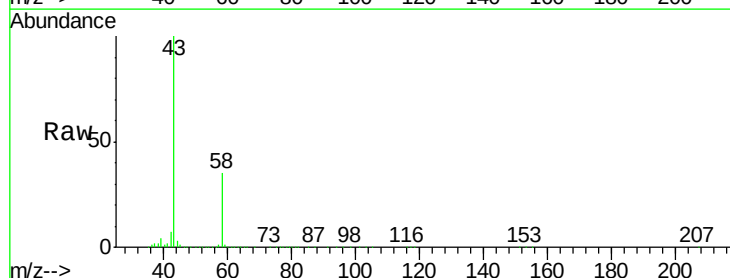
RT: 2.42 min Scan# 218

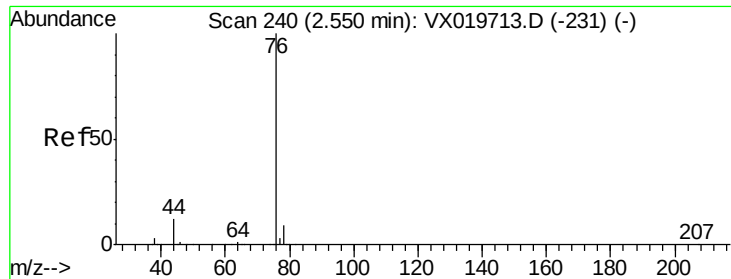
Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Tgt Ion:	43	Resp:	416962
Ion	Ratio	Lower	Upper
43	100		
58	34.7	27.8	41.8





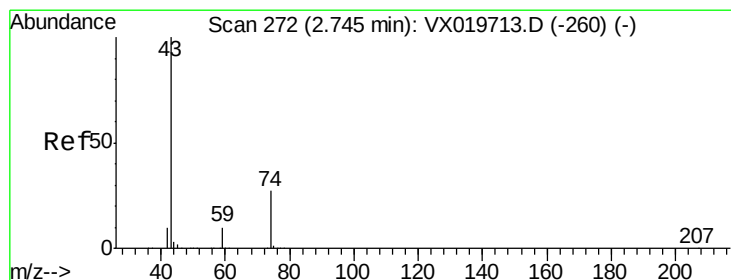
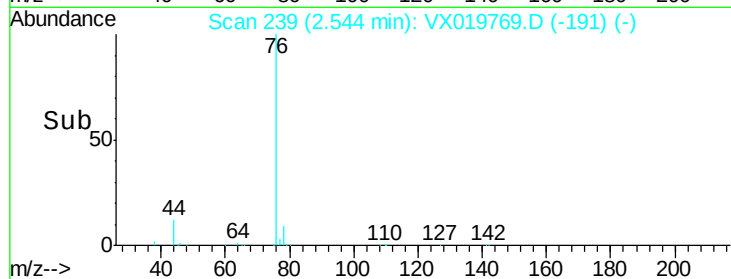
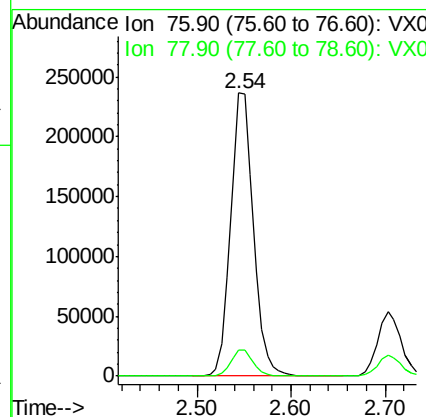
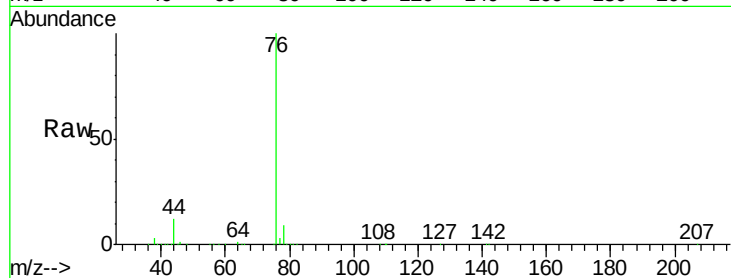
#17
Carbon Disulfide
Concen: 51.316 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.2	10.8

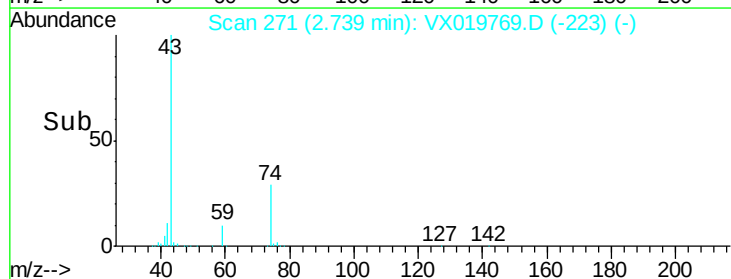
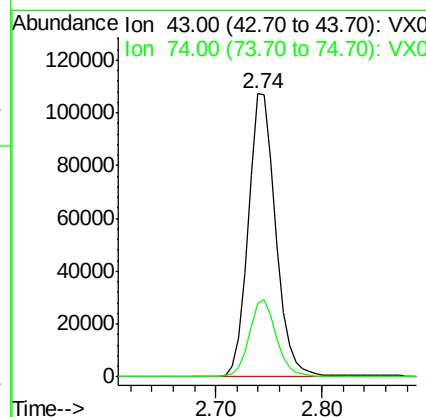
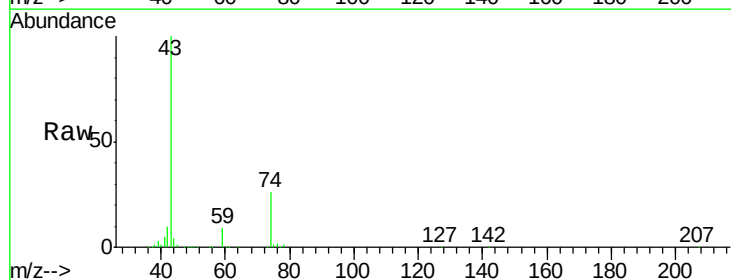
Manual Integrations
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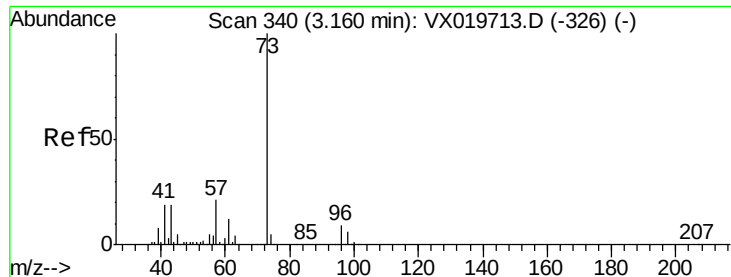
MMDadoda
12/10/2020 9:31:40 AM



#18
Methyl Acetate
Concen: 54.470 ug/l
RT: 2.74 min Scan# 271
Delta R.T. -0.01 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.3	21.9	32.9





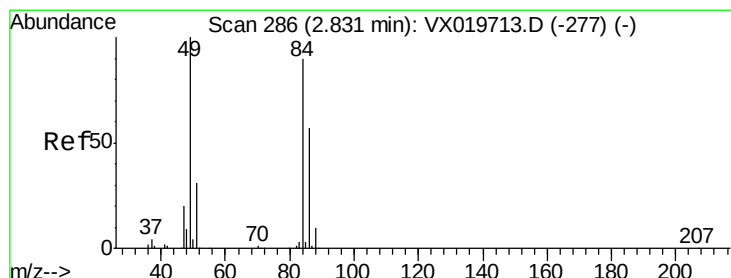
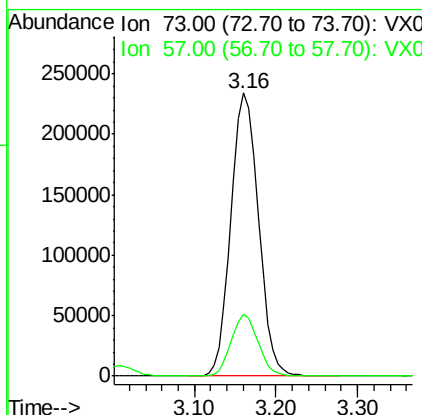
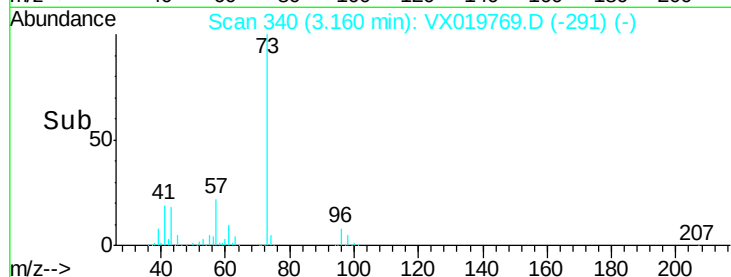
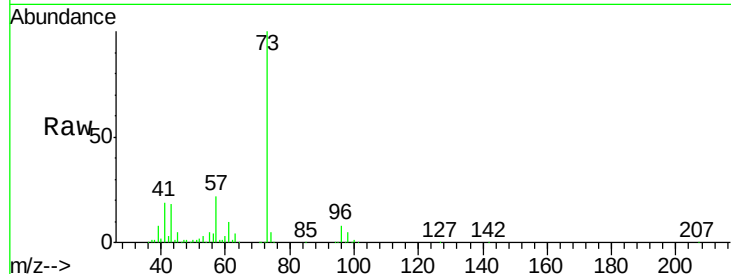
#19
Methyl tert-butyl Ether
Concen: 55.507 ug/l
RT: 3.16 min Scan# 340
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.1	25.7

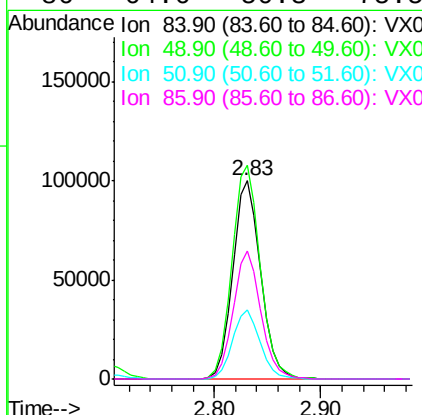
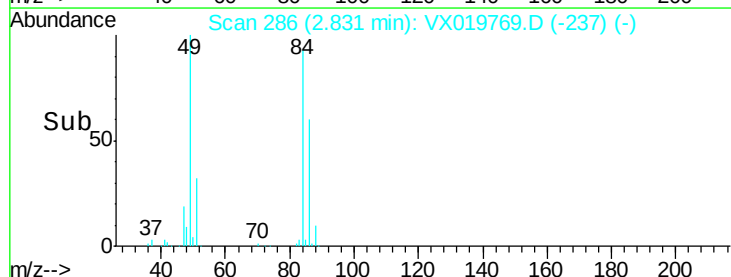
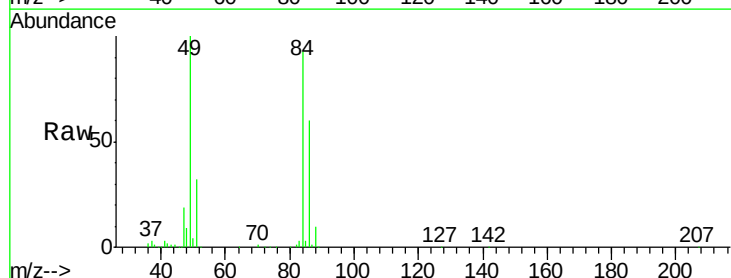
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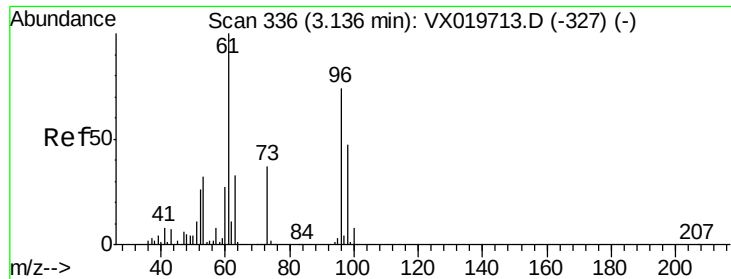
MMDadoda
12/10/2020 9:31:40 AM



#20
Methylene Chloride
Concen: 55.306 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Tgt Ion	Ratio	Lower	Upper
84	100		
49	107.8	88.6	132.8
51	34.6	27.0	40.6
86	64.6	50.3	75.5





#21

trans-1,2-Dichloroethene

Concen: 54.800 ug/l

RT: 3.14 min Scan# 336

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 172680

Ion Ratio Lower Upper

96 100

61 134.5 107.7 161.5

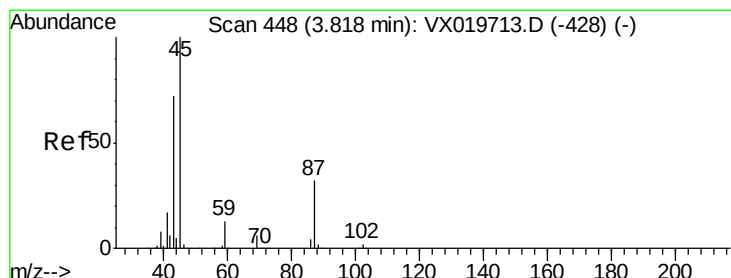
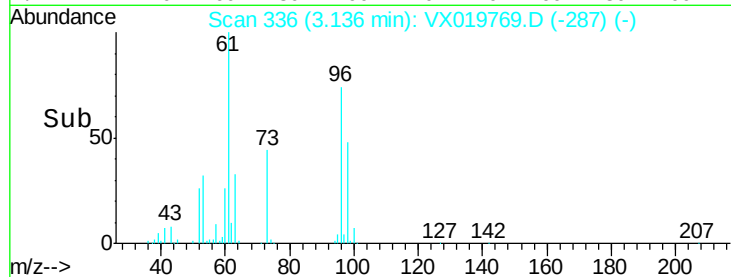
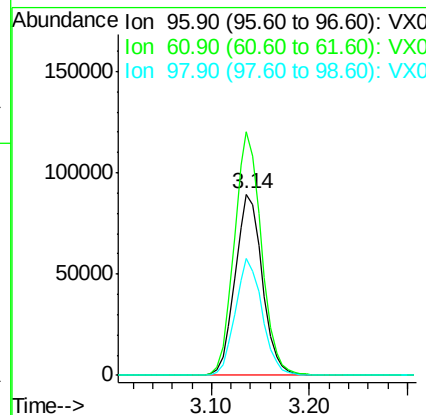
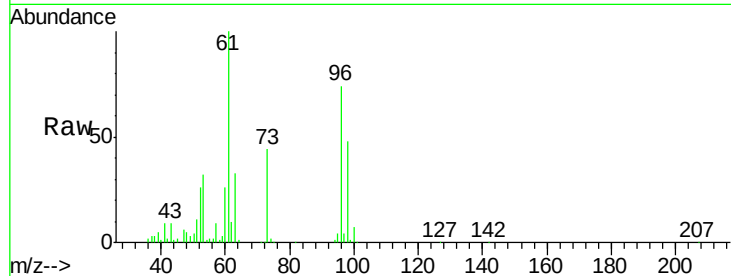
98 64.8 50.4 75.6

Manual Integrations

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#22

Diisopropyl ether

Concen: 55.513 ug/l

RT: 3.82 min Scan# 448

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Tgt Ion: 45 Resp: 512347

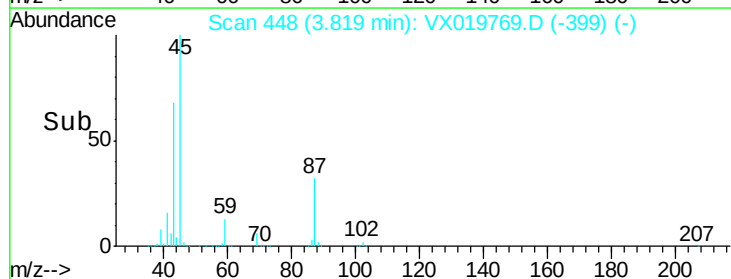
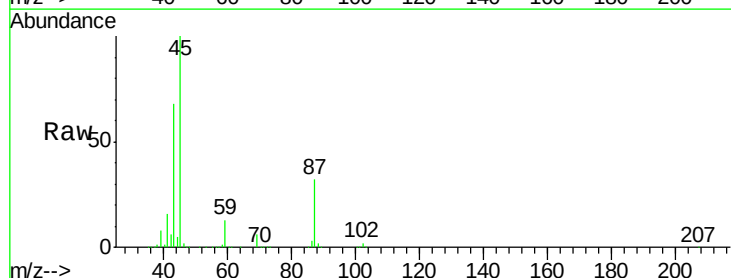
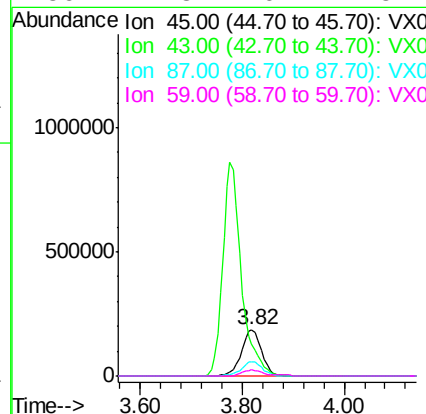
Ion Ratio Lower Upper

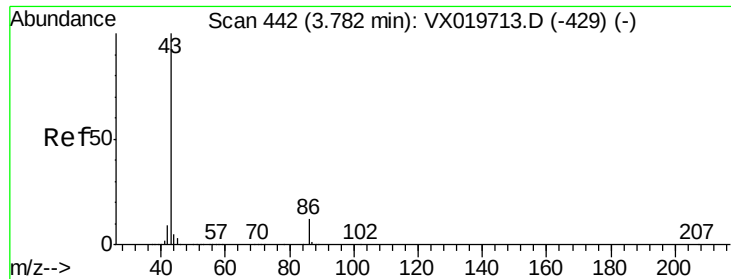
45 100

43 68.4 58.0 87.0

87 31.7 25.4 38.0

59 12.8 10.2 15.2





#23

Vinyl Acetate

Concen: 278.822 ug/l

RT: 3.78 min Scan# 441

Delta R.T. -0.01 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2192370

Ion Ratio Lower Upper

43 100

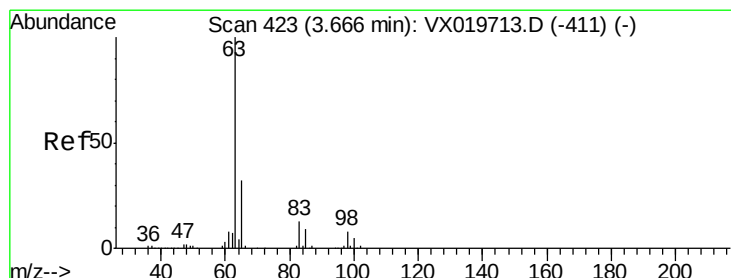
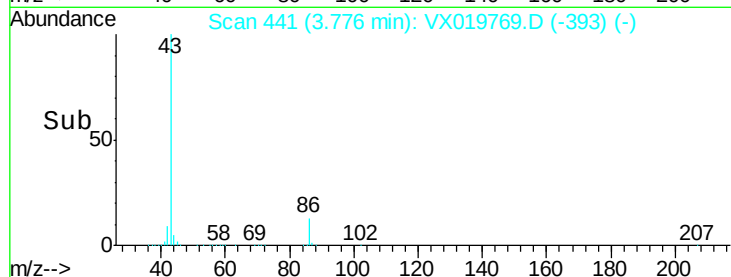
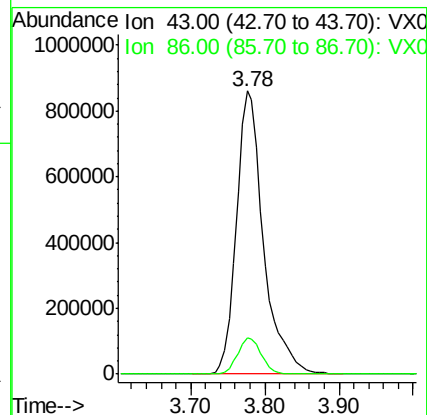
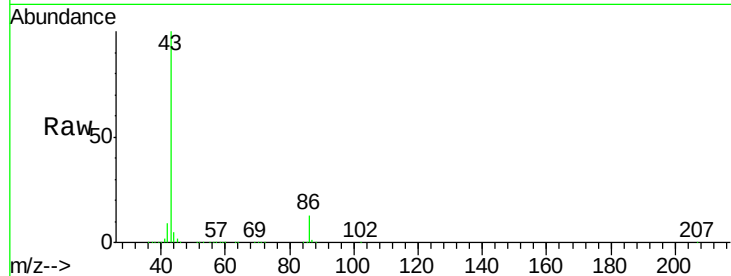
86 12.8 9.9 14.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 54.701 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

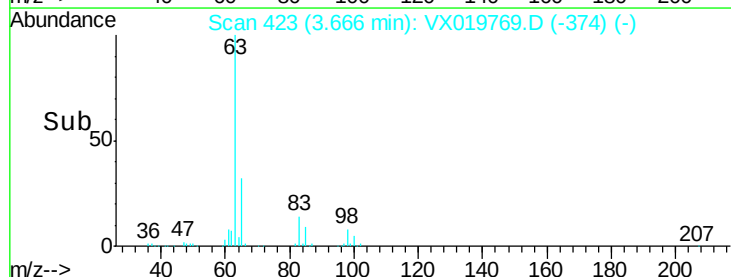
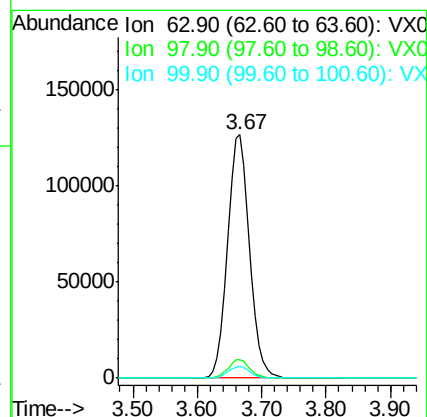
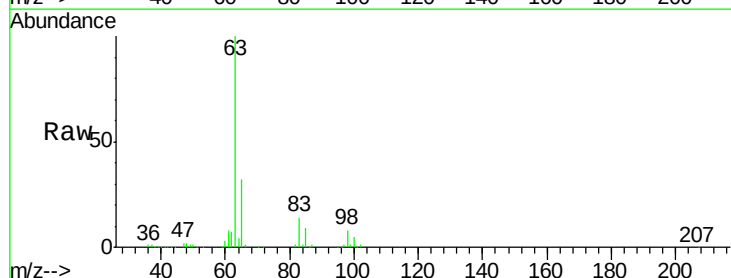
Tgt Ion: 63 Resp: 304440

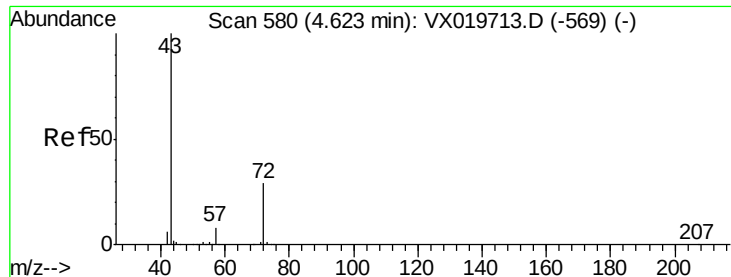
Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.2

100 5.1 2.5 7.5





#25

2-Butanone

Concen: 270.184 ug/l

RT: 4.62 min Scan# 580

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 605024

Ion Ratio Lower Upper

43 100

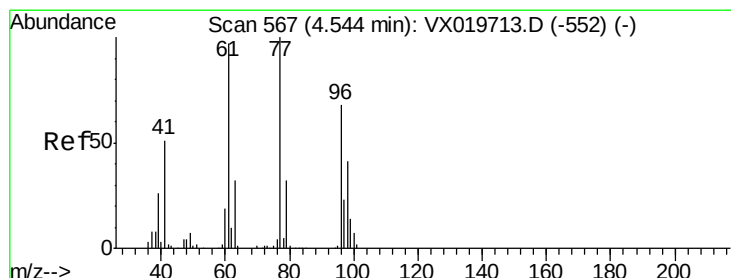
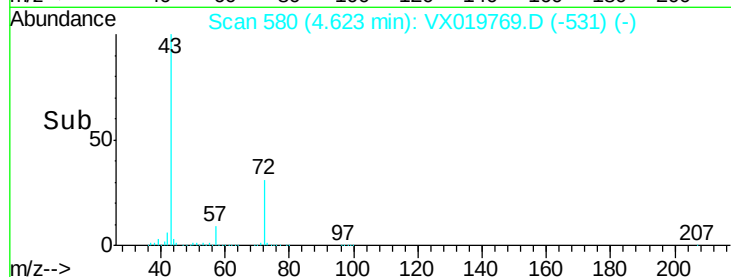
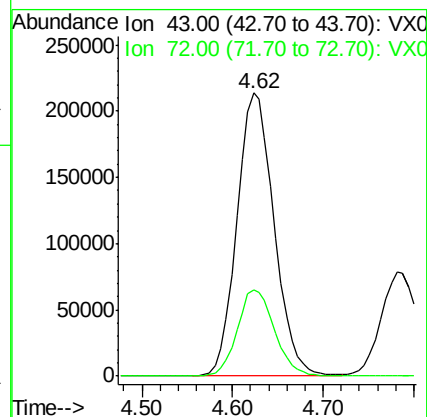
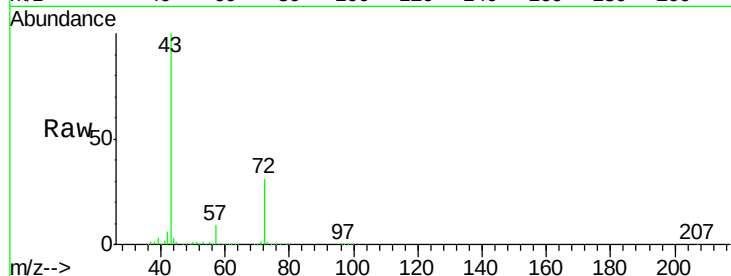
72 30.6 23.7 35.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 55.882 ug/l

RT: 4.54 min Scan# 567

Delta R.T. 0.00 min

Lab File: VX019769.D

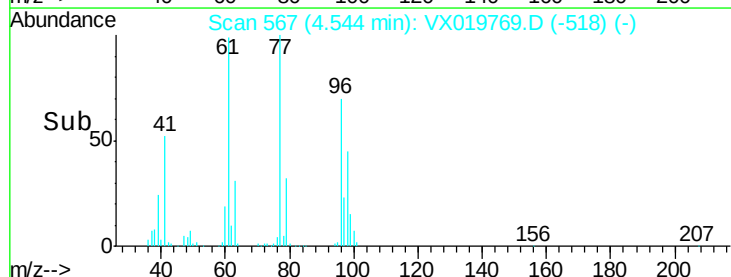
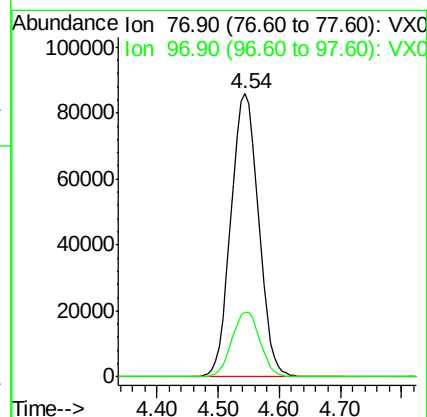
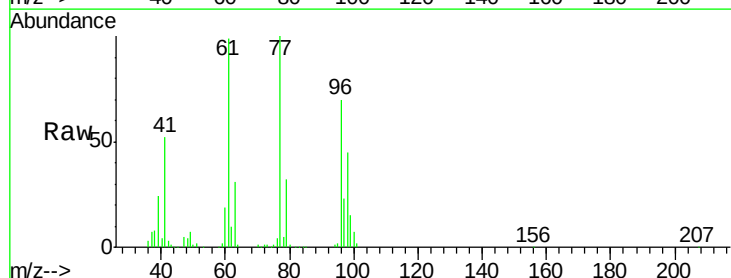
Acq: 09 Dec 2020 11:08

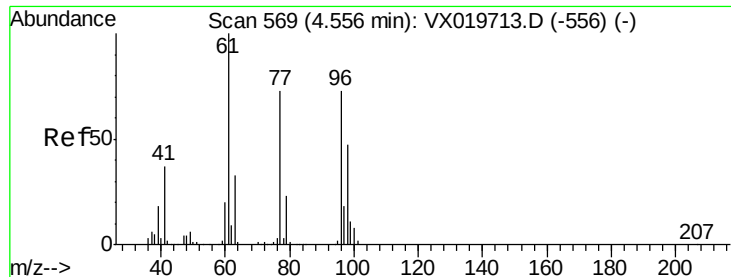
Tgt Ion: 77 Resp: 267834

Ion Ratio Lower Upper

77 100

97 23.3 11.7 35.1





#27

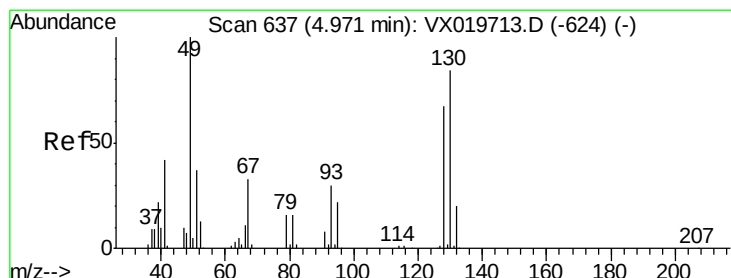
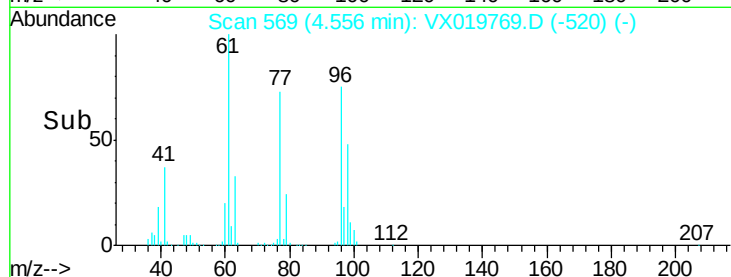
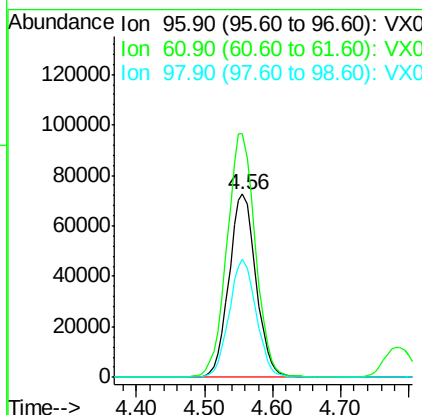
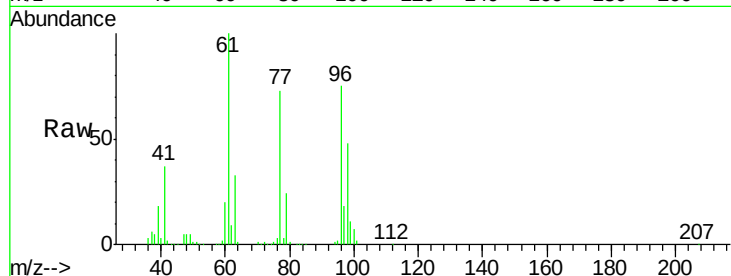
cis-1,2-Dichloroethene
Concen: 54.335 ug/l
RT: 4.56 min Scan# 569
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	140.0	0.0	285.6	
98	64.2	0.0	129.6	

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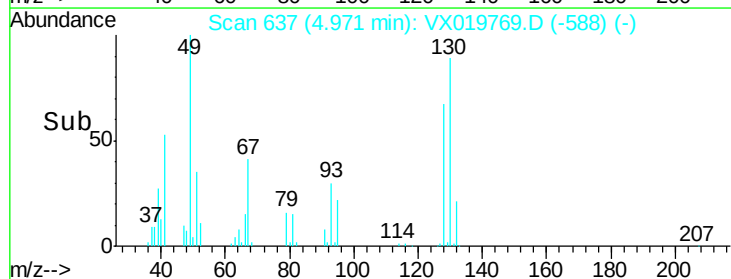
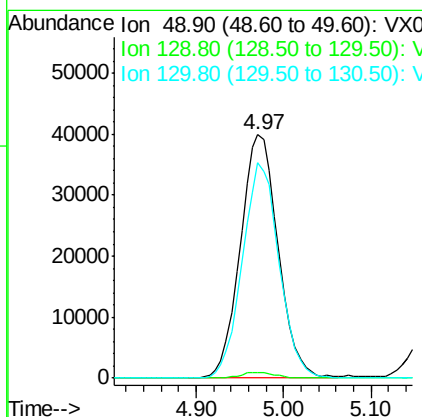
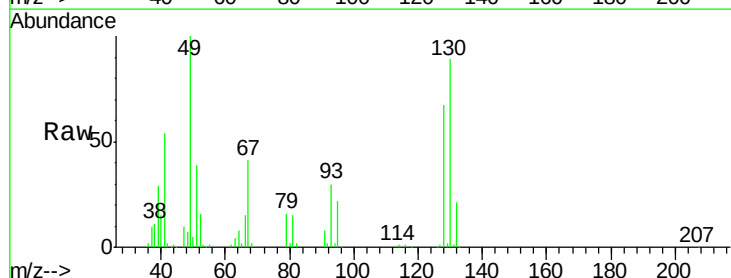
MMDadoda
12/10/2020 9:31:40 AM

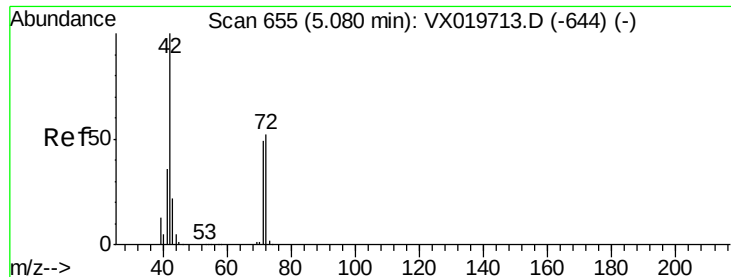


#28

Bromochloromethane
Concen: 45.186 ug/l
RT: 4.97 min Scan# 637
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.1	0.0	4.0	
130	86.3	68.2	102.2	





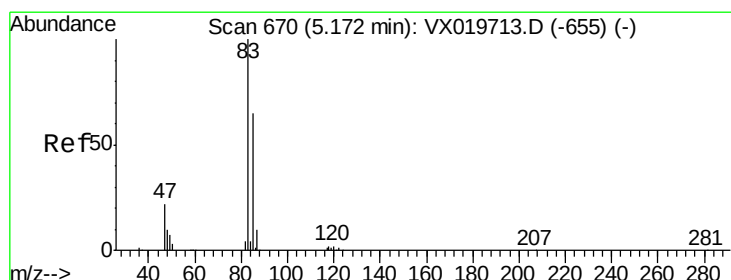
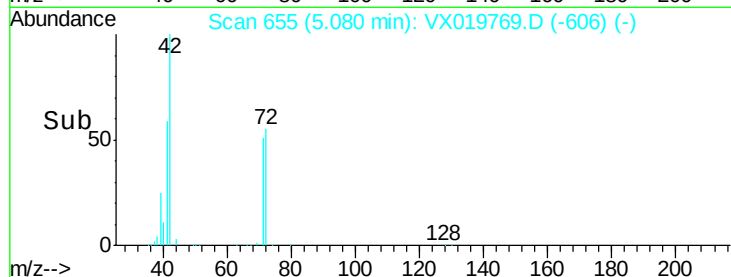
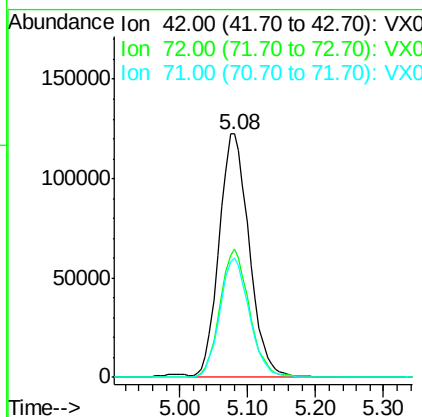
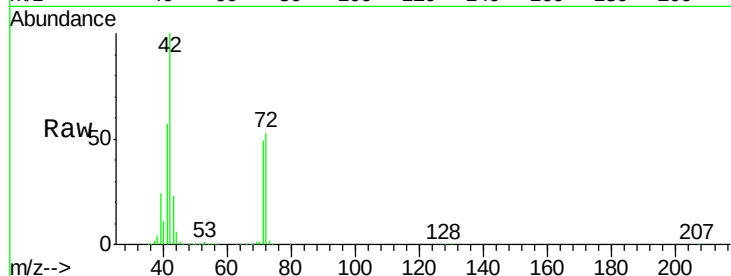
#29
Tetrahydrofuran
Concen: 259.869 ug/l
RT: 5.08 min Scan# 655
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.2	41.7	62.5
71	48.2	38.4	57.6

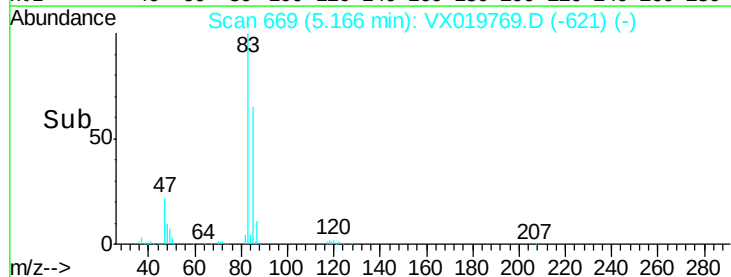
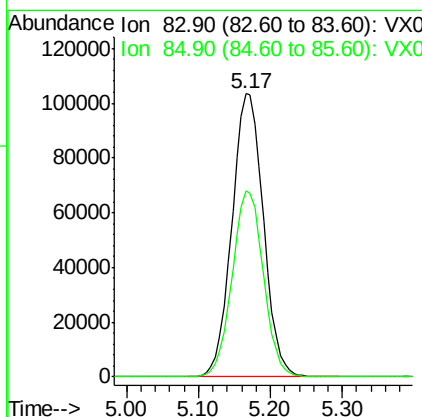
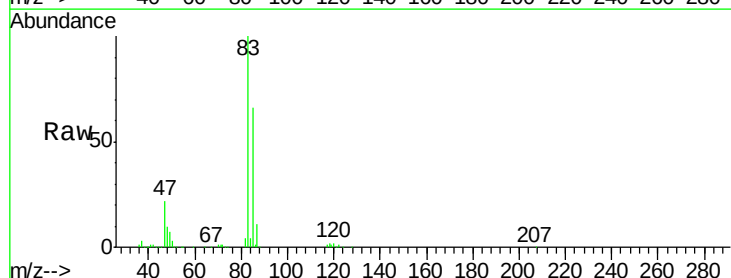
Manual Integrations
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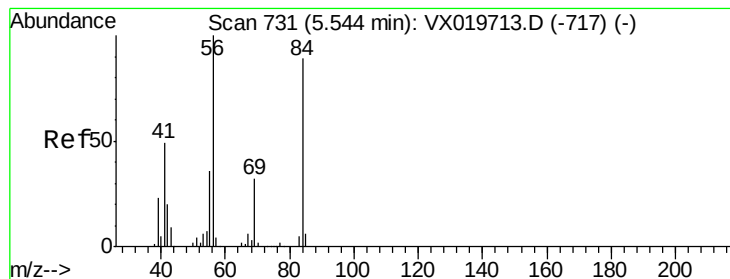
MMDadoda
12/10/2020 9:31:40 AM



#30
Chloroform
Concen: 54.807 ug/l
RT: 5.17 min Scan# 669
Delta R.T. -0.01 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.0	78.0





#31

Cyclohexane

Concen: 54.173 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

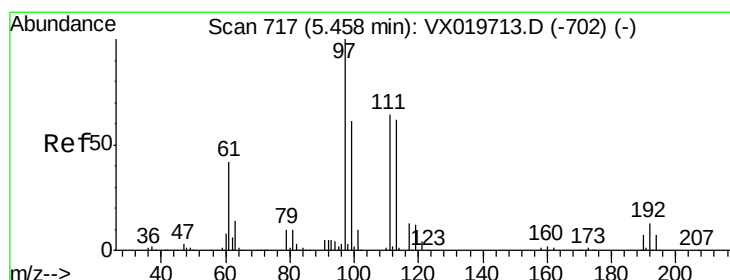
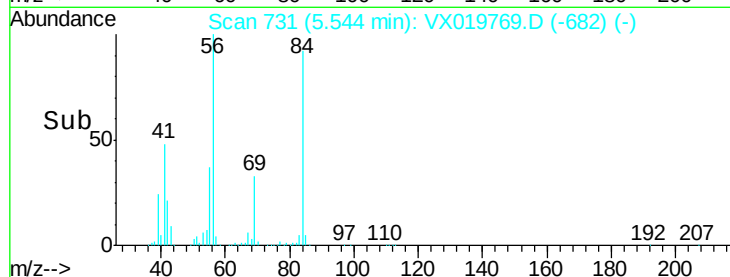
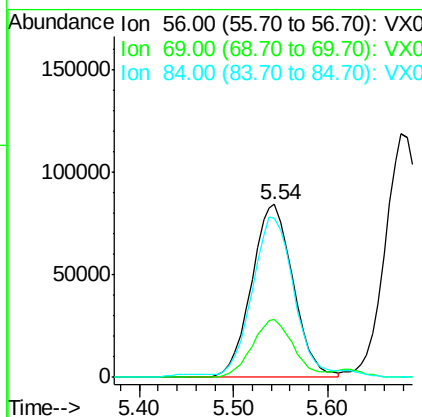
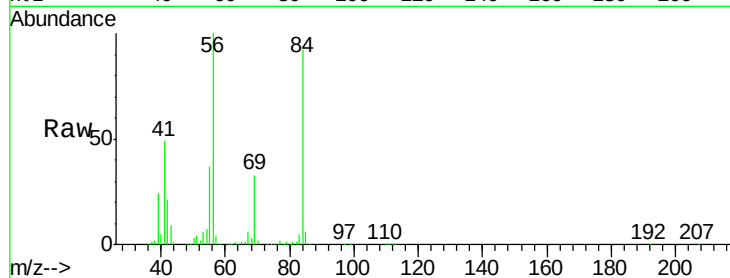
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	261267
Ion	Ratio	Lower	Upper
56	100		
69	33.4	25.3	37.9
84	90.9	71.4	107.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 55.192 ug/l

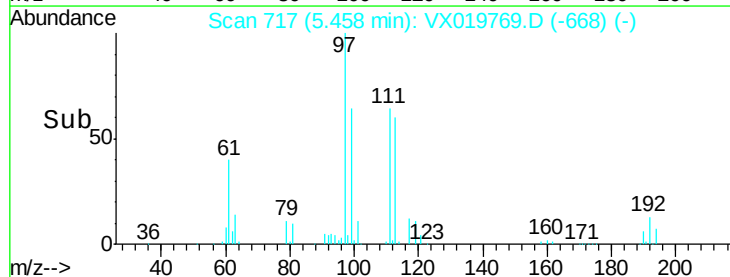
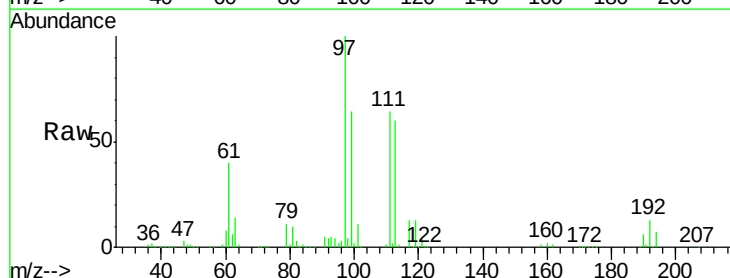
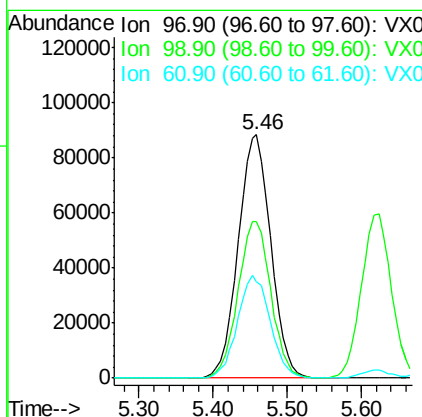
RT: 5.46 min Scan# 717

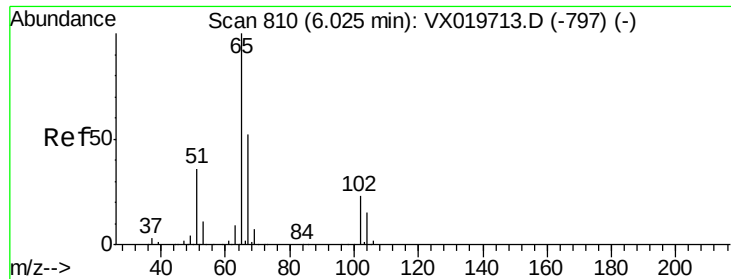
Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Tgt Ion:	97	Resp:	272001
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.5	77.3
61	42.3	34.2	51.4





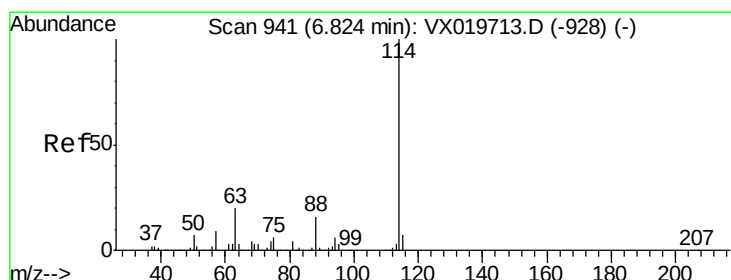
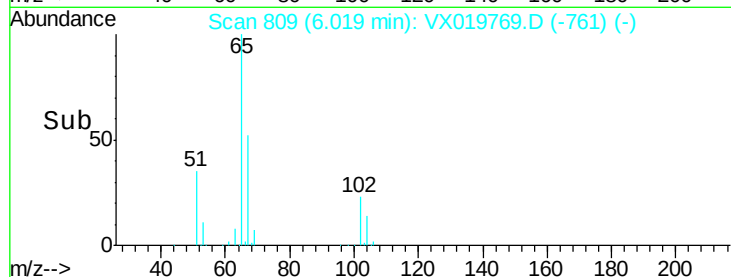
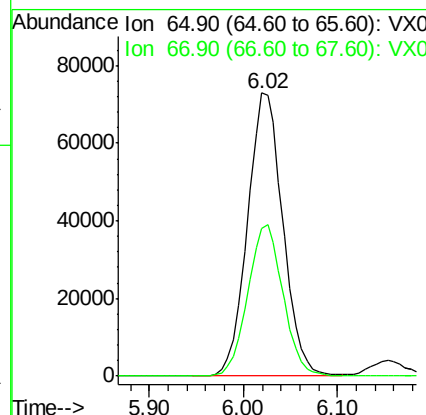
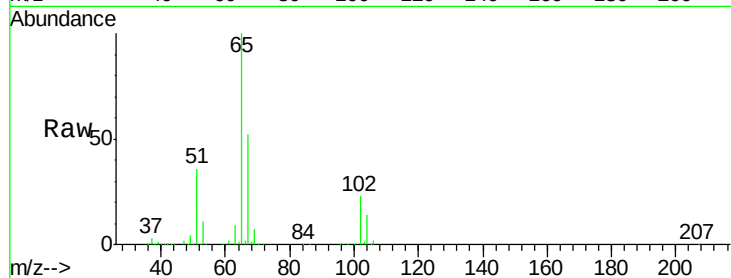
#33
 1,2-Dichloroethane-d4
 Concen: 49.486 ug/l
 RT: 6.02 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: VX019769.D
 Acq: 09 Dec 2020 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	191861		
67	53.3	0.0	105.4	

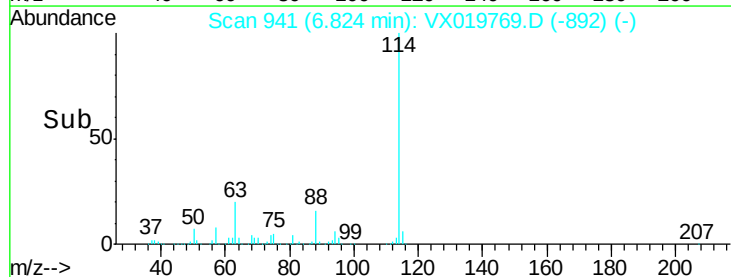
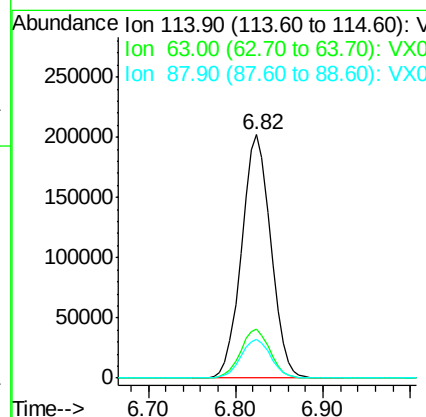
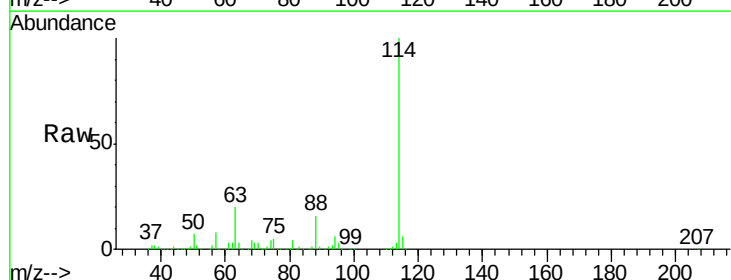
Manual Integrations
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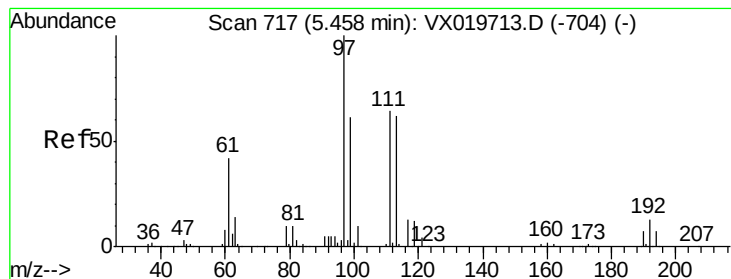
MMDadoda
 12/10/2020 9:31:40 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. 0.00 min
 Lab File: VX019769.D
 Acq: 09 Dec 2020 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	470437		
63	20.2	0.0	40.8	
88	16.1	0.0	32.8	





#35

Dibromofluoromethane

Concen: 51.886 ug/l

RT: 5.45 min Scan# 716

Delta R.T. -0.01 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

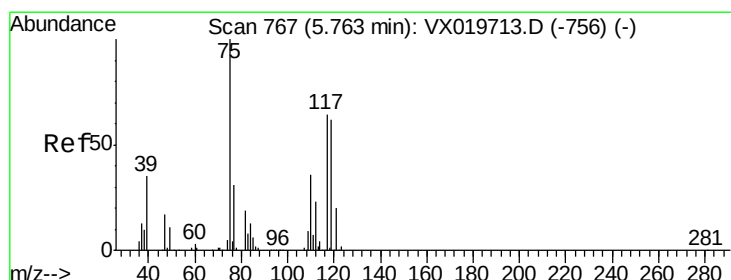
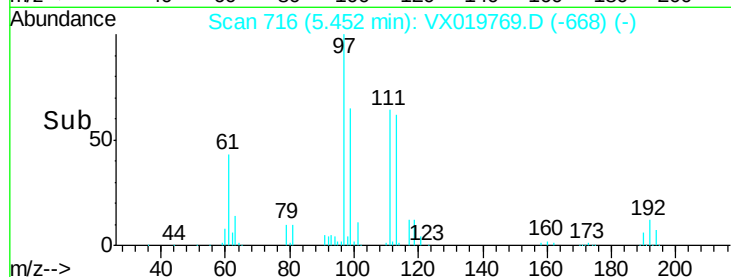
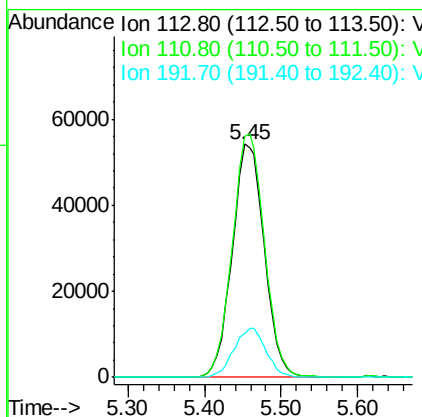
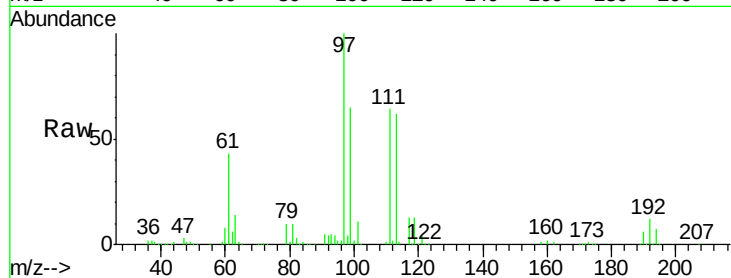
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	157751
Ion Ratio	Lower	Upper	
113	100		
111	104.3	81.9	122.9
192	21.1	16.7	25.1

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12/10/2020 9:31:40 AM



#36

1,1-Dichloropropene

Concen: 54.861 ug/l

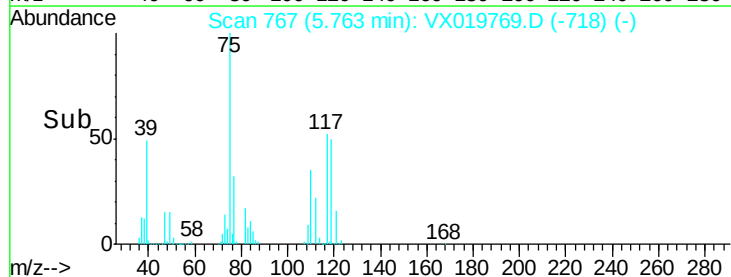
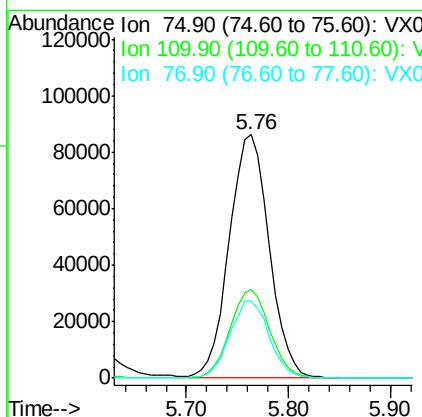
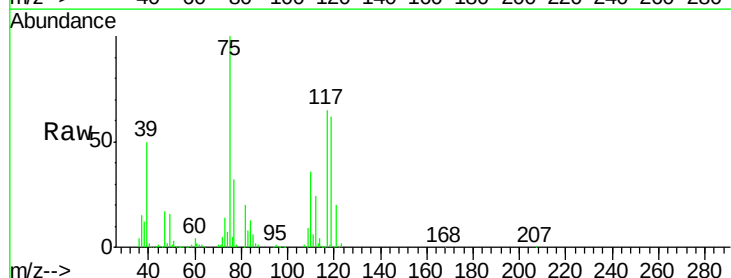
RT: 5.76 min Scan# 767

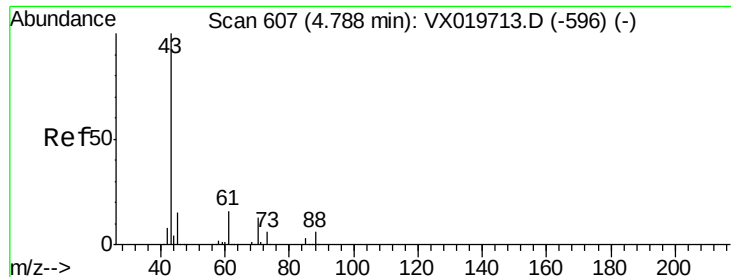
Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Tgt Ion:	75	Resp:	233217
Ion Ratio	Lower	Upper	
75	100		
110	36.4	18.1	54.4
77	31.6	25.3	37.9





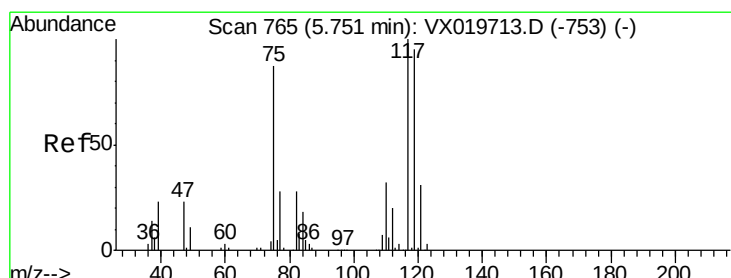
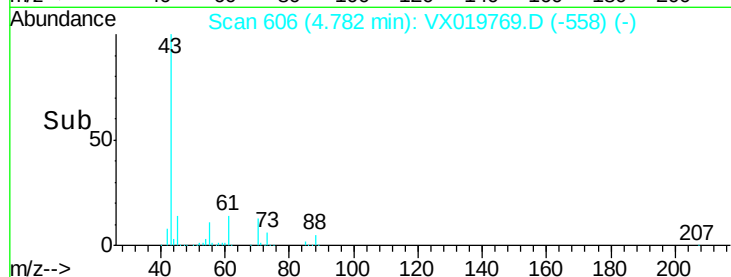
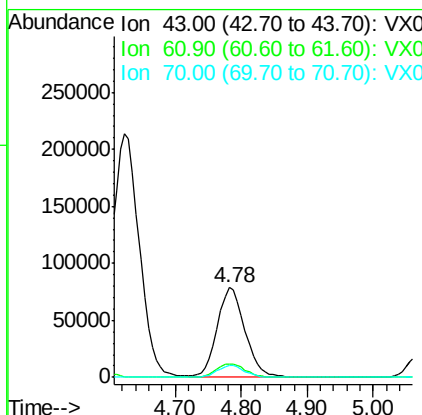
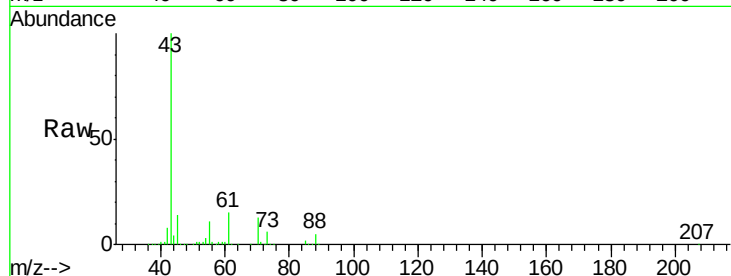
#37
Ethyl Acetate
Concen: 53.232 ug/l
RT: 4.78 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.8	19.2
70	13.1	10.5	15.7

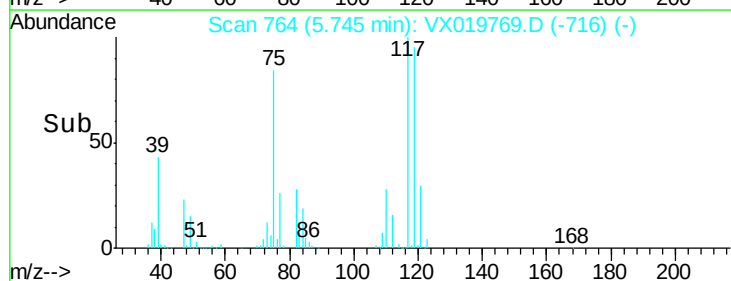
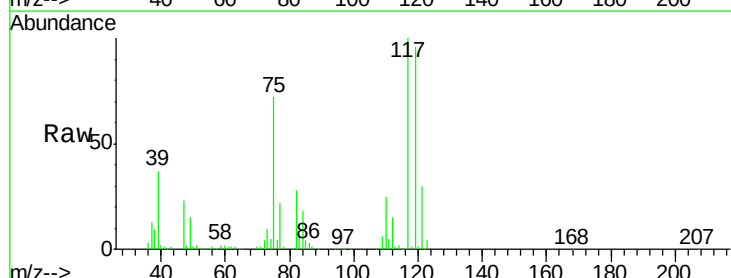
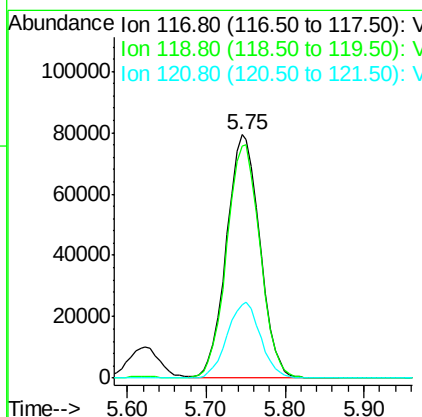
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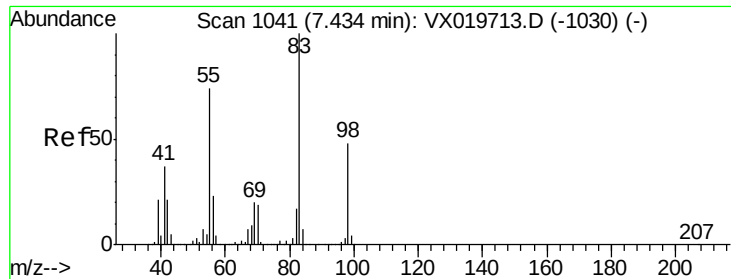
MMDadoda
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#38
Carbon Tetrachloride
Concen: 56.057 ug/l
RT: 5.75 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.2	114.2
121	30.3	24.8	37.2





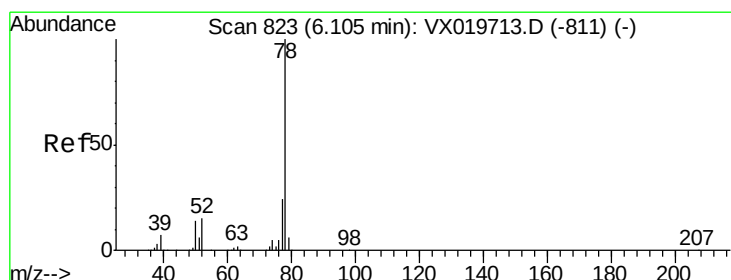
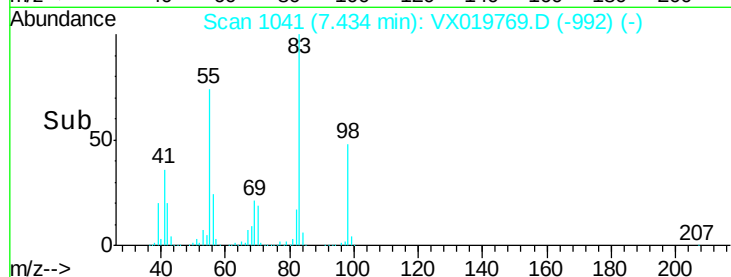
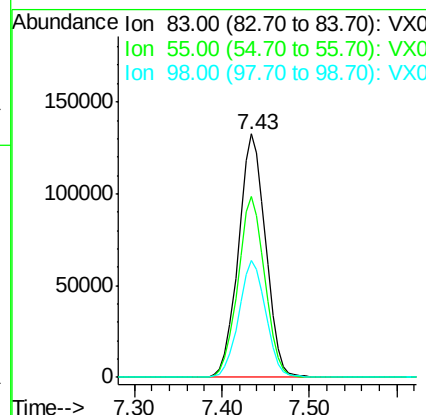
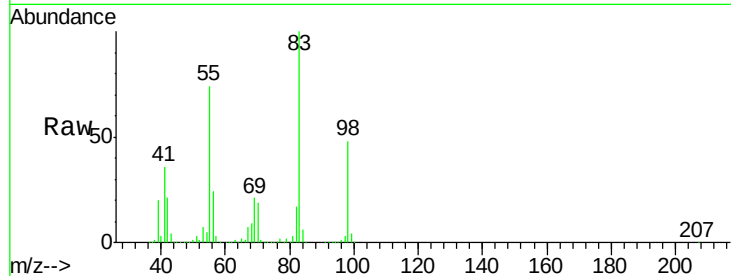
#39
Methylvlcyclohexane
Concen: 57.166 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	285515		
55	74.1		58.9	88.3
98	48.2		38.1	57.1

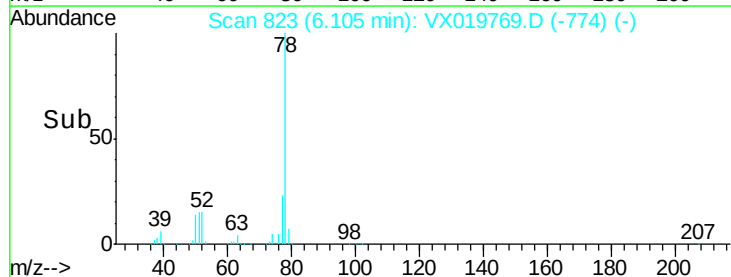
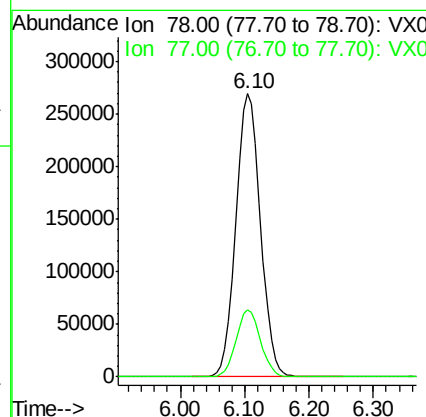
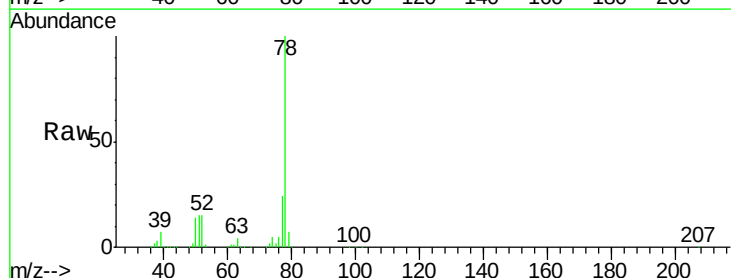
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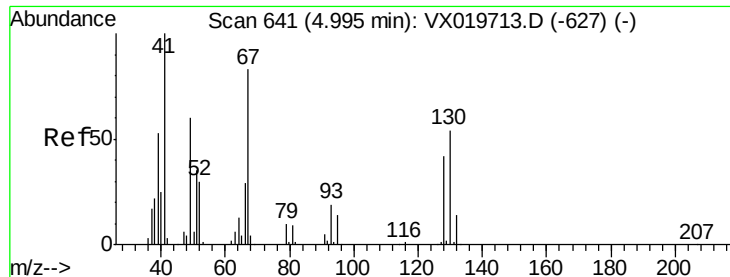
MMDadoda
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#40
Benzene
Concen: 55.225 ug/l
RT: 6.10 min Scan# 823
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	717136		
77	23.9		18.9	28.3





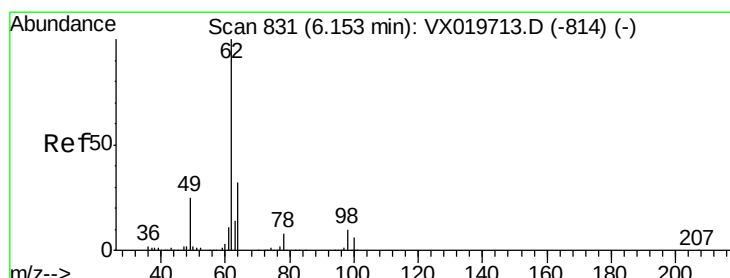
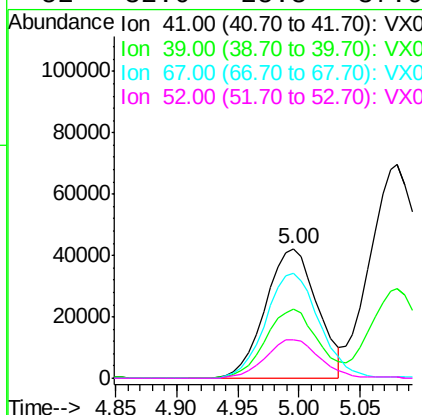
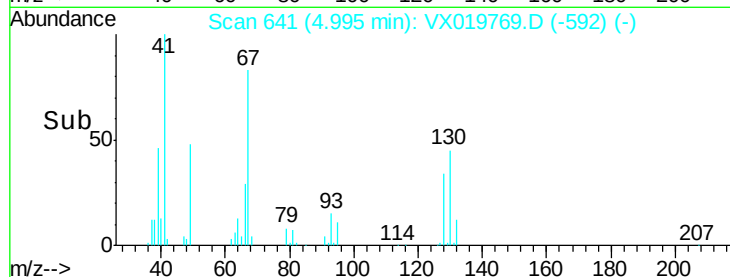
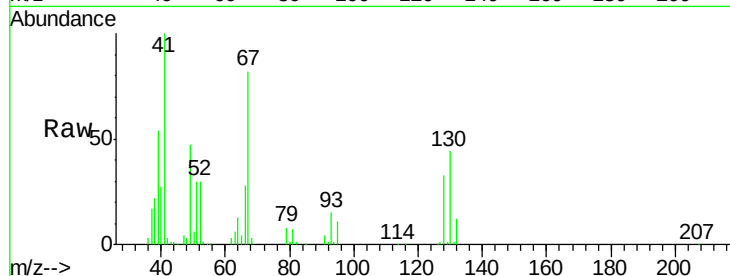
#41
Methacrylonitrile
Concen: 52.907 ug/l
RT: 5.00 min Scan# 641
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.3	42.5	63.7	
67	84.3	65.0	97.6	
52	32.0	25.3	37.9	

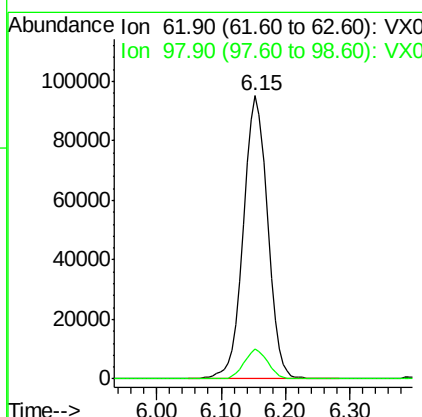
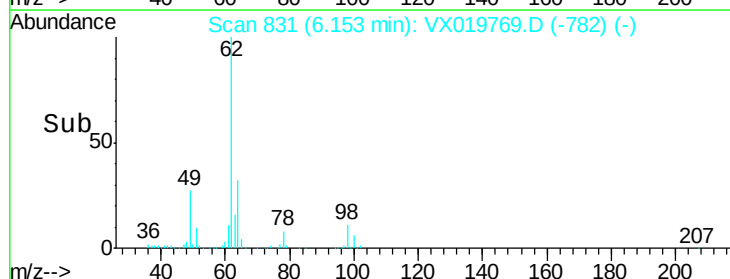
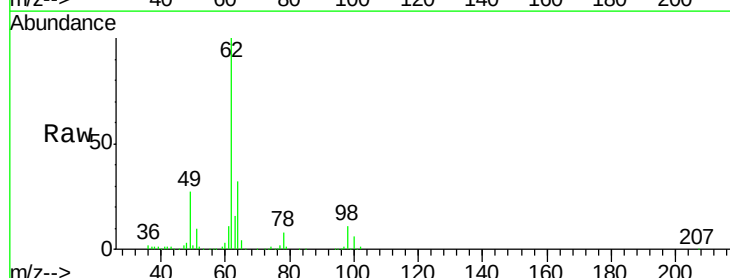
Manual Integrations
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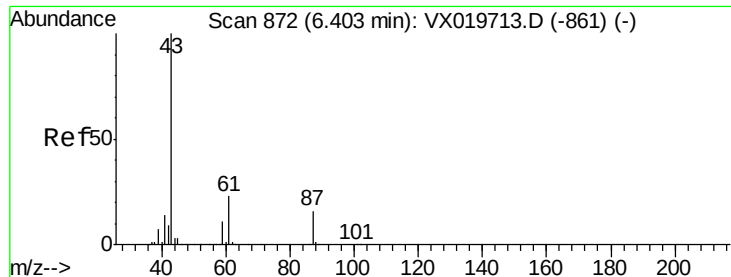
MMDadoda
12/10/2020 9:31:40 AM



#42
1,2-Dichloroethane
Concen: 55.371 ug/l
RT: 6.15 min Scan# 831
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	20.2	





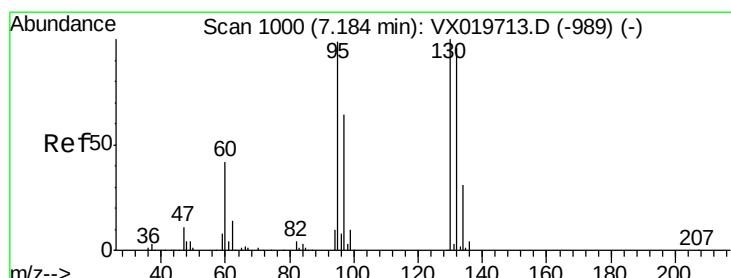
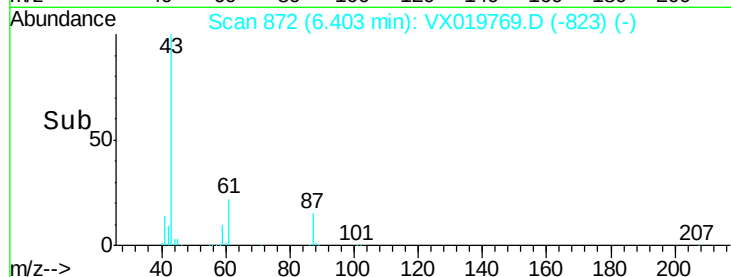
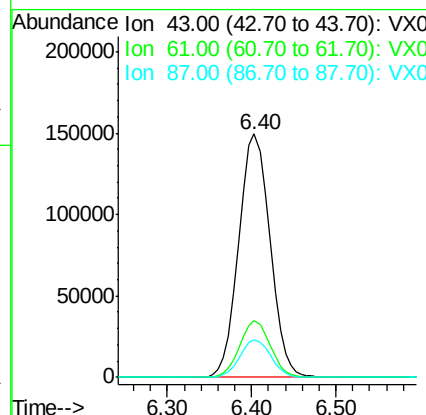
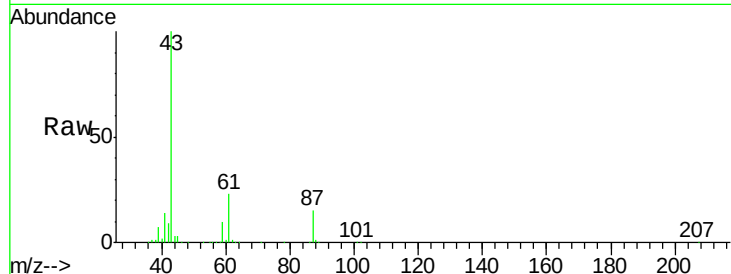
#43
Isopropyl Acetate
Concen: 53.884 ug/l
RT: 6.40 min Scan# 872
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.8	18.2	27.4
87	15.4	12.5	18.7

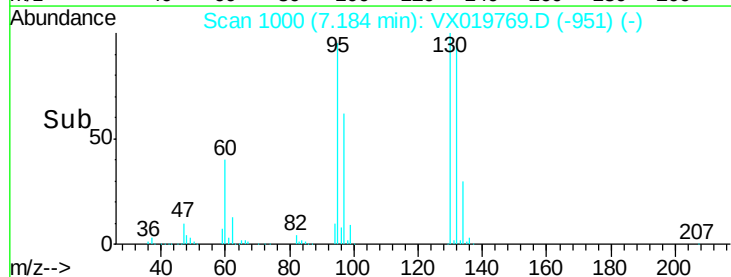
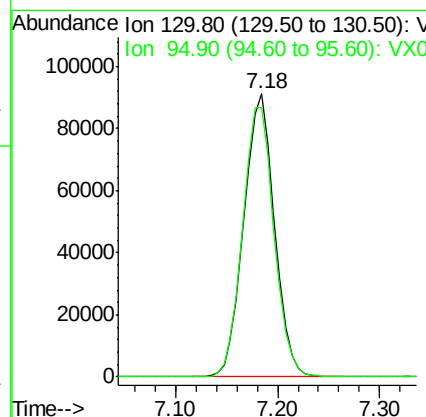
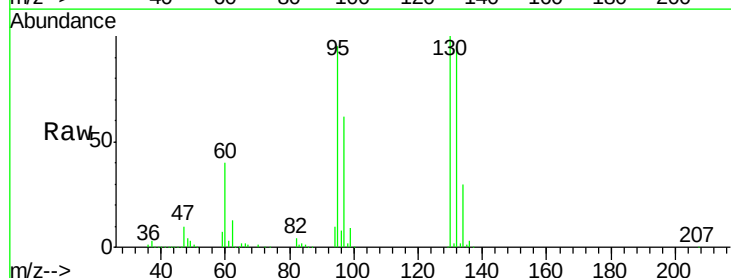
Manual Integrations
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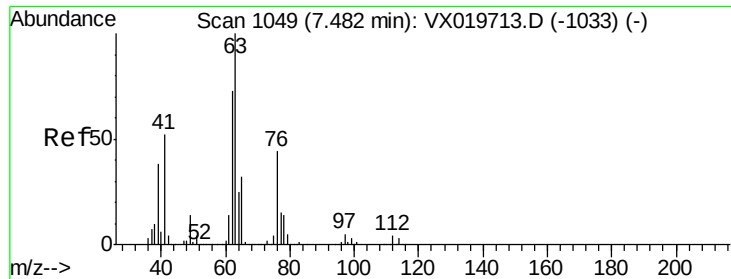
MMDadoda
12/10/2020 9:31:40 AM



#44
Trichloroethene
Concen: 55.840 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.9	0.0	198.0





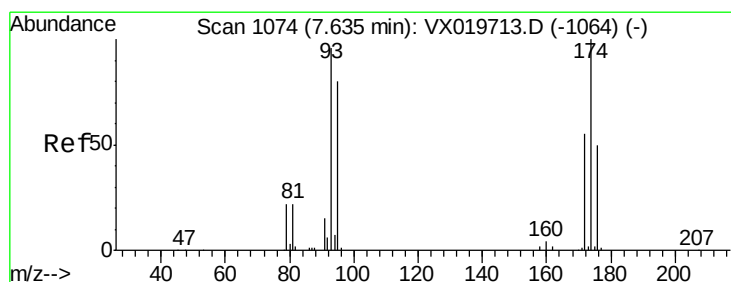
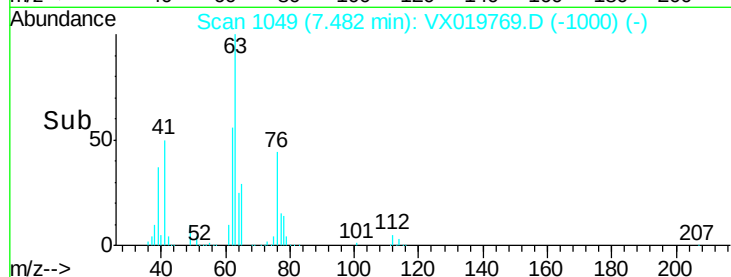
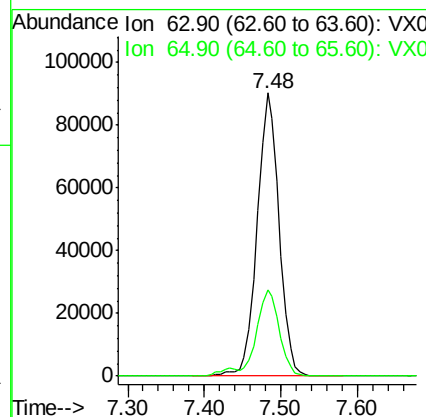
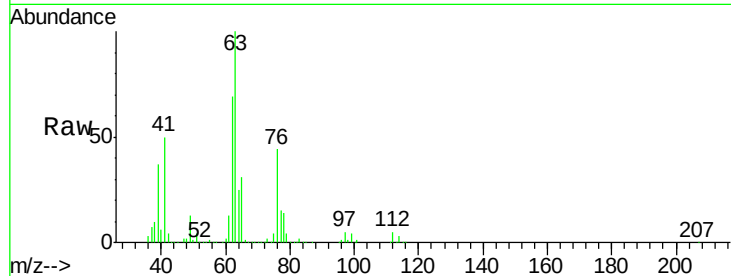
#45
 1,2-Dichloropropane
 Concen: 55.669 ug/l
 RT: 7.48 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VX019769.D
 Acq: 09 Dec 2020 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 180671
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.7 38.5

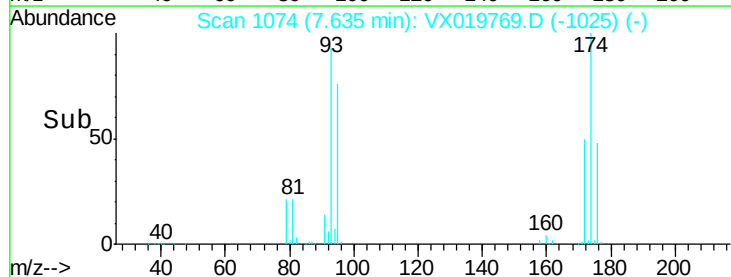
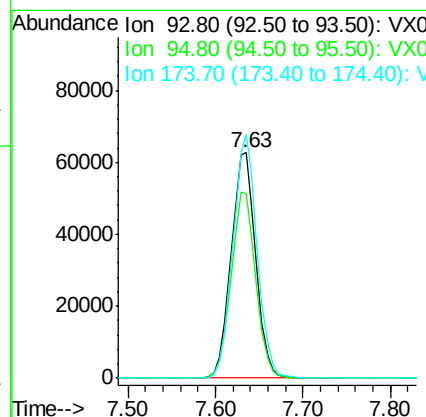
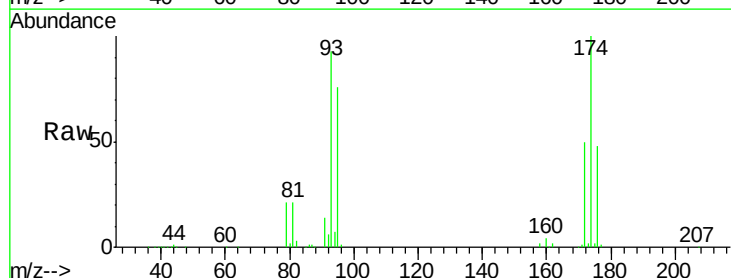
Manual Integrations
 APPROVED

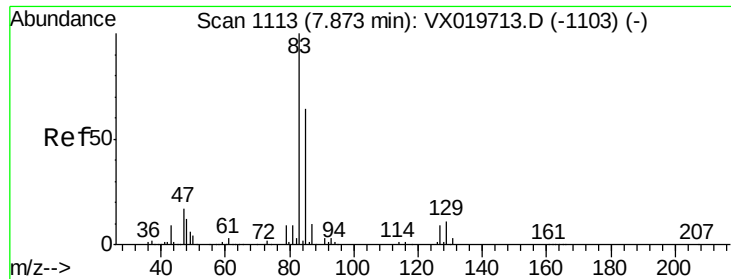
MMDadoda
 12/10/2020 9:31:40 AM



#46
 Dibromomethane
 Concen: 55.707 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX019769.D
 Acq: 09 Dec 2020 11:08

Tgt Ion: 93 Resp: 122092
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.8 100.2
 174 106.4 83.1 124.7





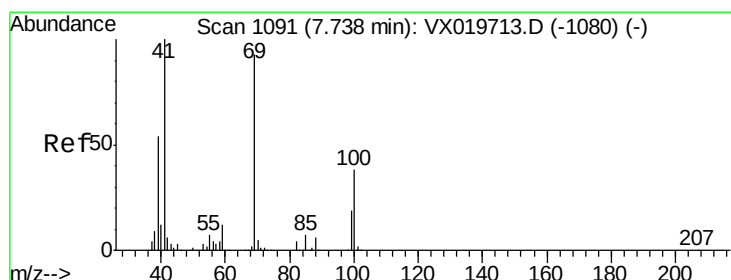
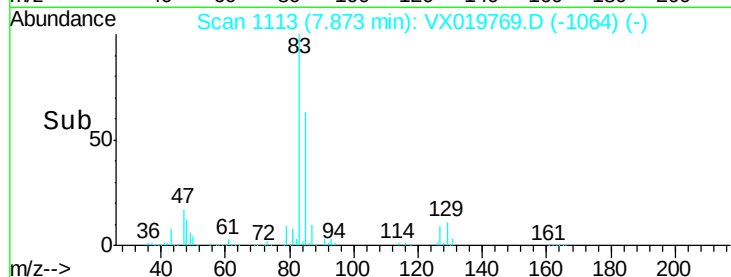
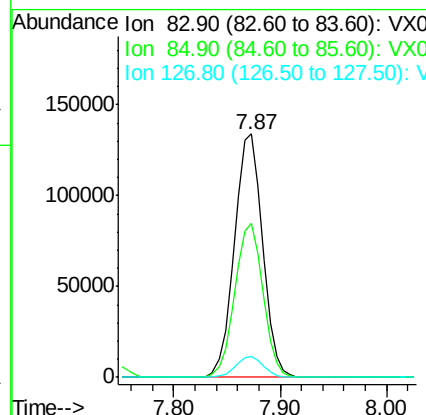
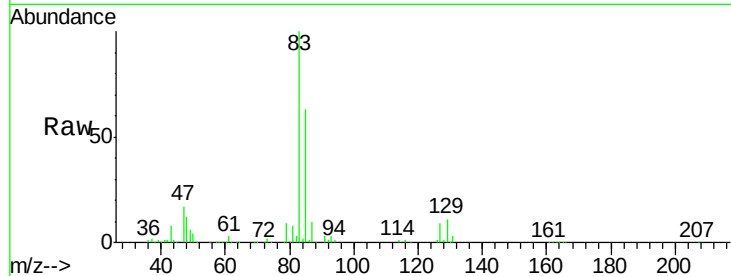
#47
Bromodichloromethane
Concen: 57.362 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	249469		
85	63.3		51.4	77.0
127	8.5		6.8	10.2

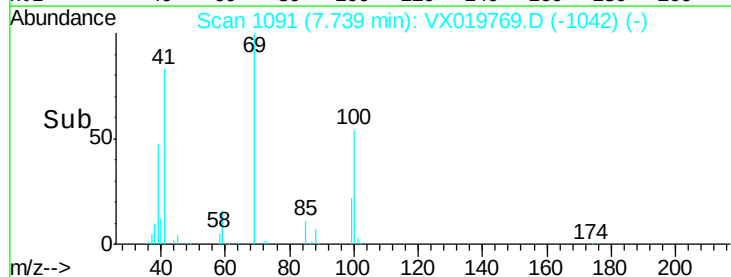
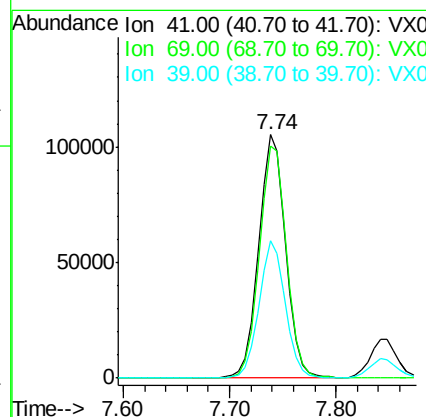
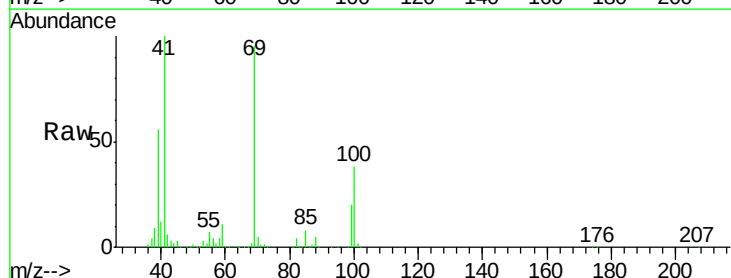
Manual Integrations
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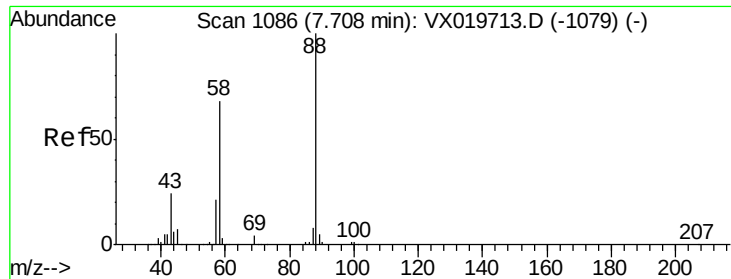
MMDadoda
12/10/2020 9:31:40 AM



#48
Methyl methacrylate
Concen: 54.323 ug/l
RT: 7.74 min Scan# 1091
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	186434		
69	96.2		76.0	114.0
39	55.1		44.6	67.0





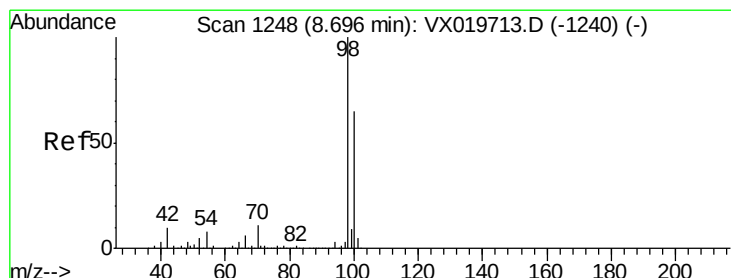
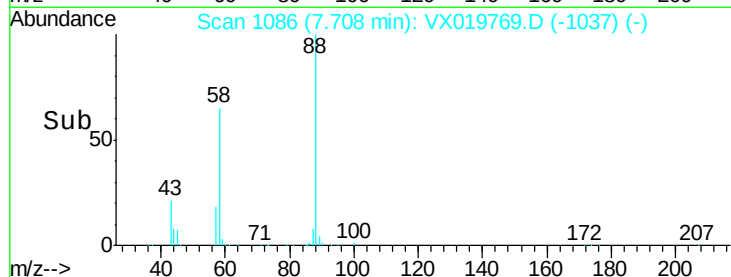
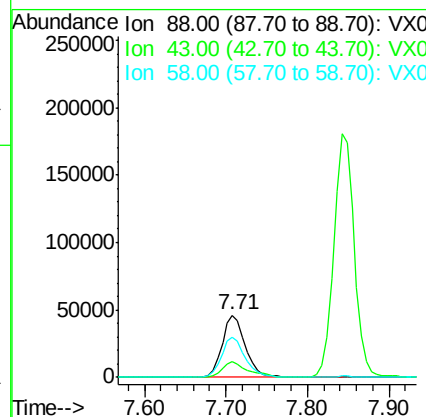
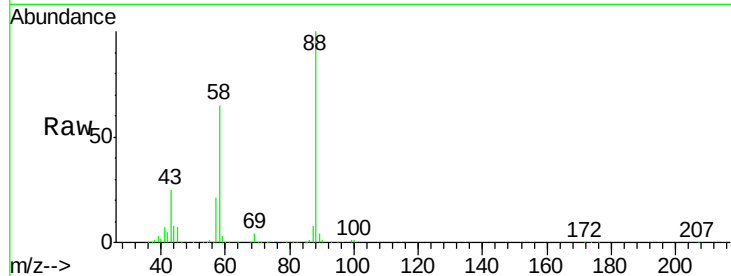
#49
1,4-Dioxane
Concen: 1092.475 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	28.3	23.2	34.8
58	67.2	55.0	82.4

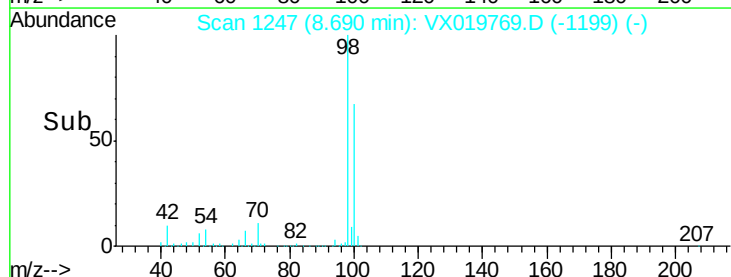
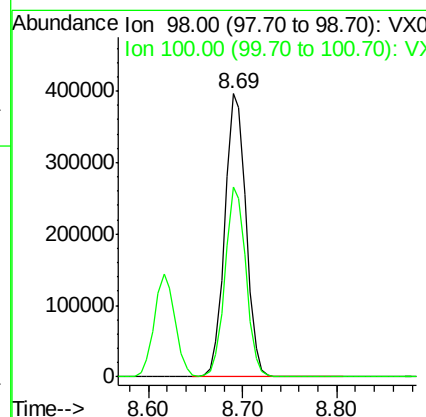
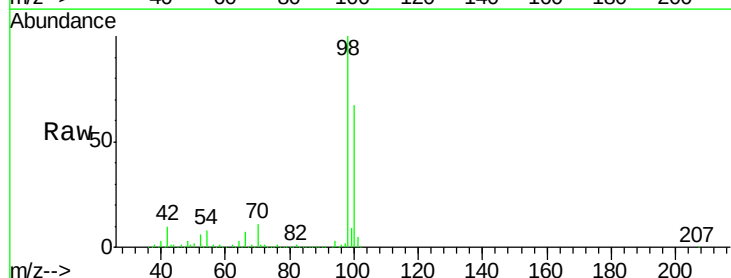
Manual Integrations
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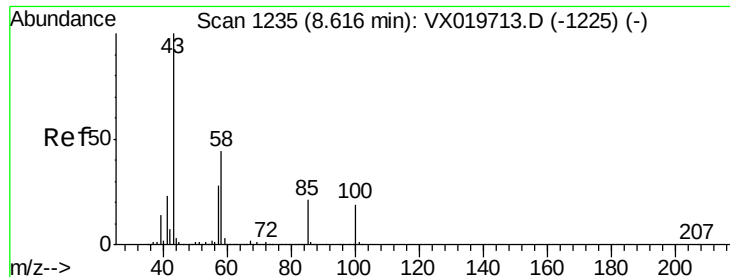
MMDadoda
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#50
Toluene-d8
Concen: 52.958 ug/l
RT: 8.69 min Scan# 1247
Delta R.T. -0.01 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	51.9	77.9





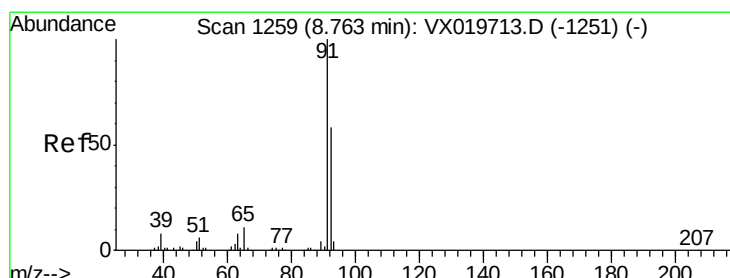
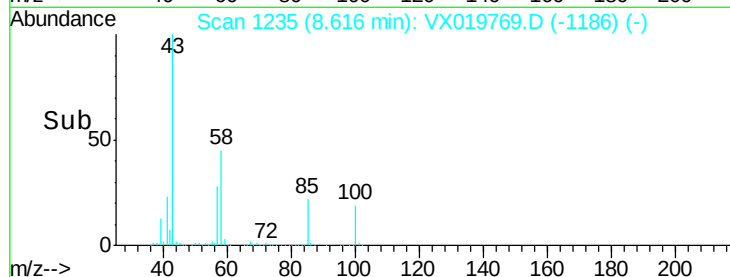
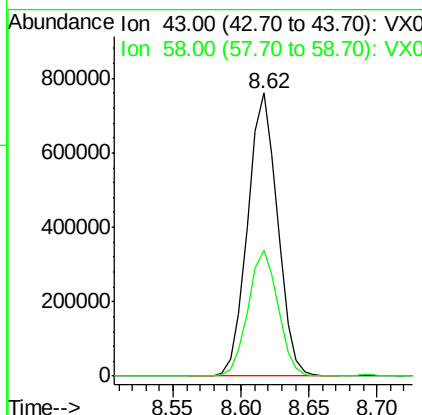
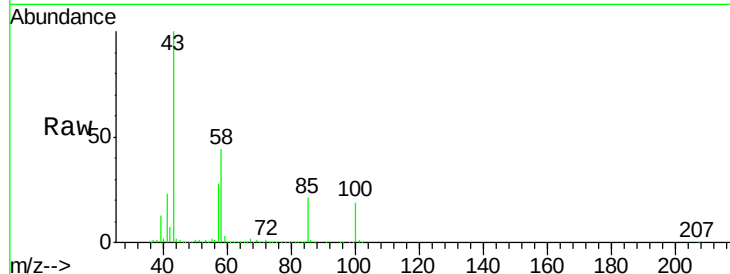
#51
 4-Methyl-2-Pentanone
 Concen: 272.891 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VX019769.D
 Acq: 09 Dec 2020 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 43 Resp: 1162614
 Ion Ratio Lower Upper
 43 100
 58 44.4 35.4 53.0

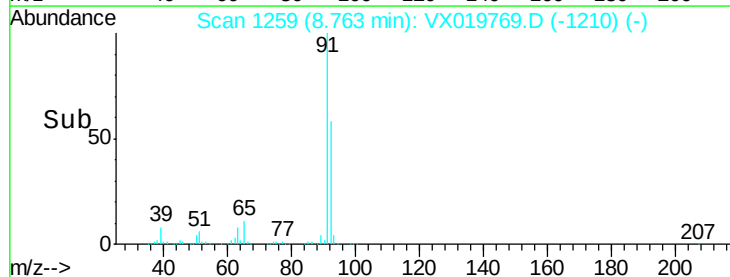
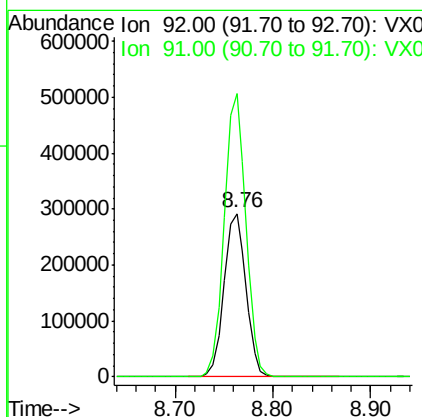
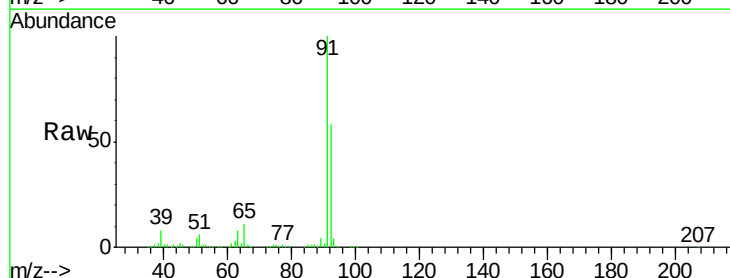
Manual Integrations
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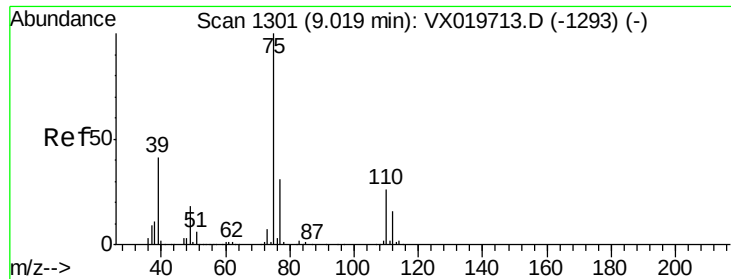
MMDadoda
 12/10/2020 9:31:40 AM



#52
 Toluene
 Concen: 55.770 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX019769.D
 Acq: 09 Dec 2020 11:08

Tgt Ion: 92 Resp: 452947
 Ion Ratio Lower Upper
 92 100
 91 170.6 137.1 205.7





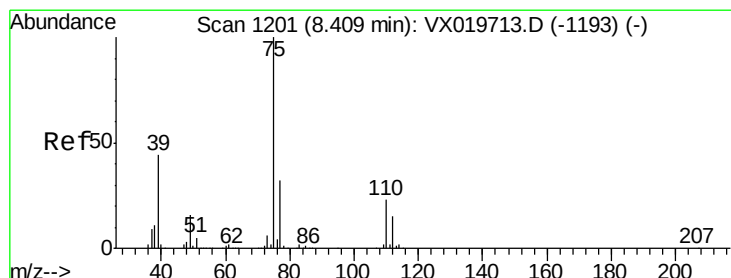
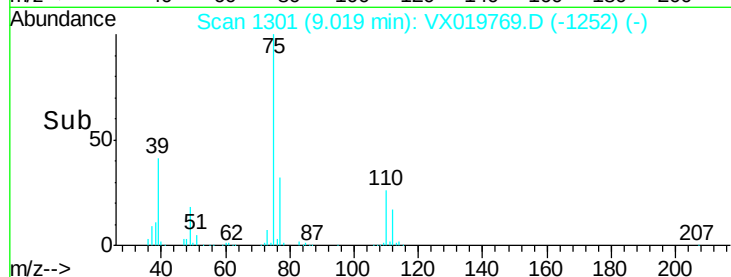
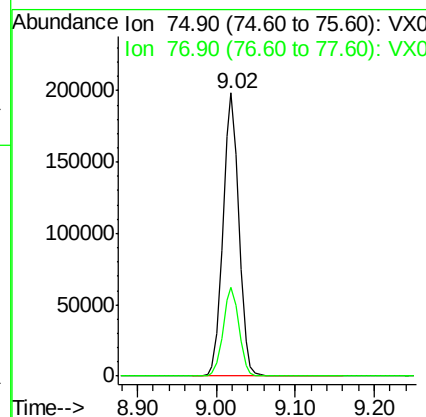
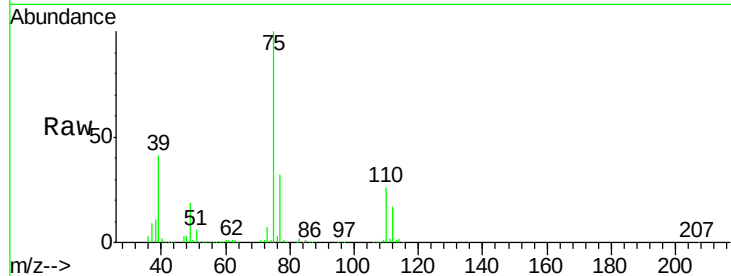
#53
t-1,3-Dichloropropene
Concen: 57.664 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 278293
Ion Ratio Lower Upper
75 100
77 31.5 24.9 37.3

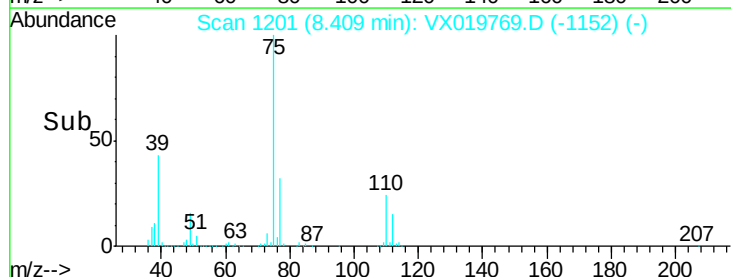
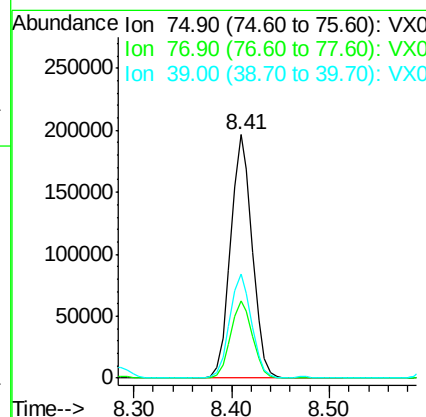
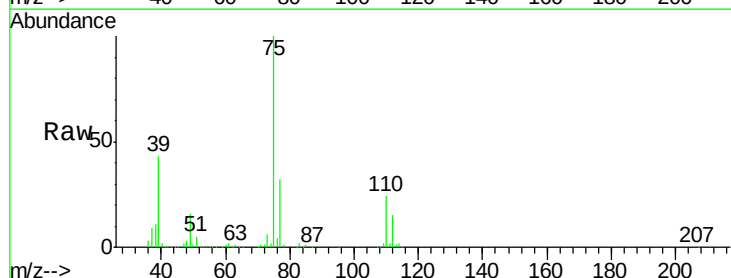
Manual Integrations
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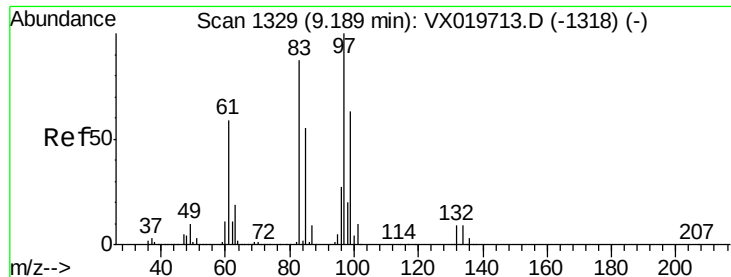
MMDadoda
12/10/2020 9:31:40 AM



#54
cis-1,3-Dichloropropene
Concen: 57.454 ug/l
RT: 8.41 min Scan# 1201
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Tgt Ion: 75 Resp: 301239
Ion Ratio Lower Upper
75 100
77 31.7 25.7 38.5
39 42.9 35.1 52.7





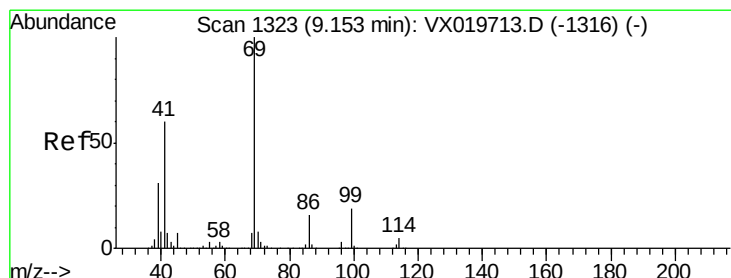
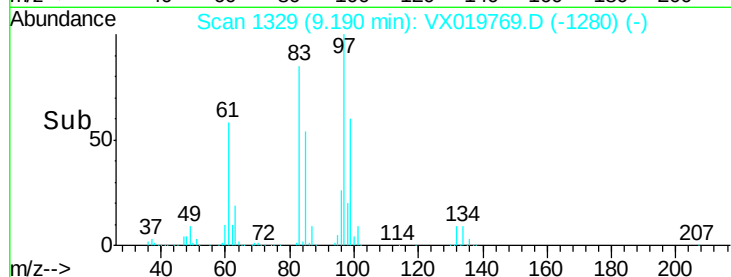
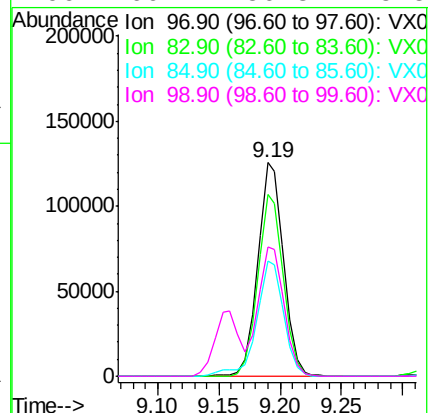
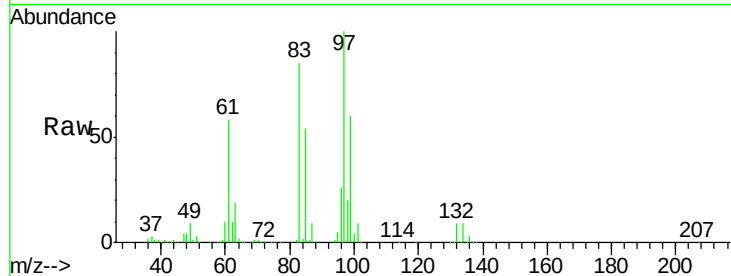
#55
 1,1,2-Trichloroethane
 Concen: 56.417 ug/l
 RT: 9.19 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: VX019769.D
 Acq: 09 Dec 2020 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
97	100	184650		
83	84.9	69.3	103.9	
85	54.1	44.3	66.5	
99	60.2	50.3	75.5	

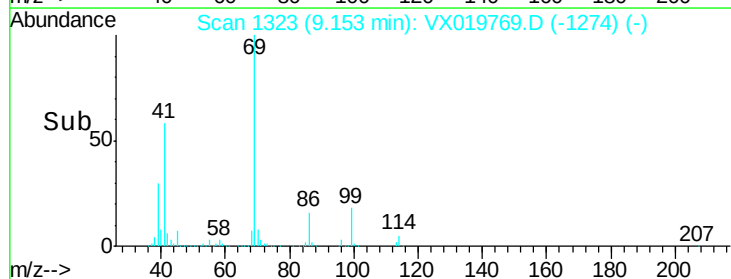
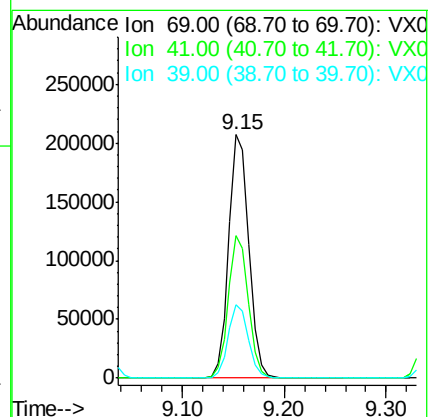
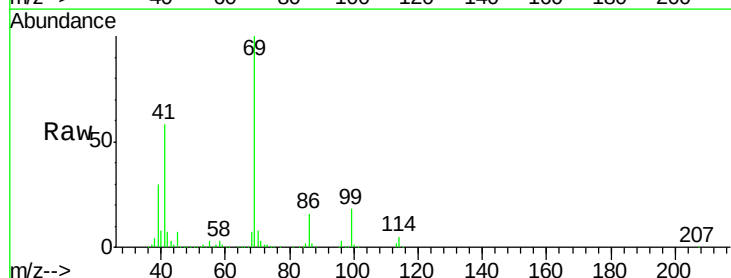
Manual Integrations
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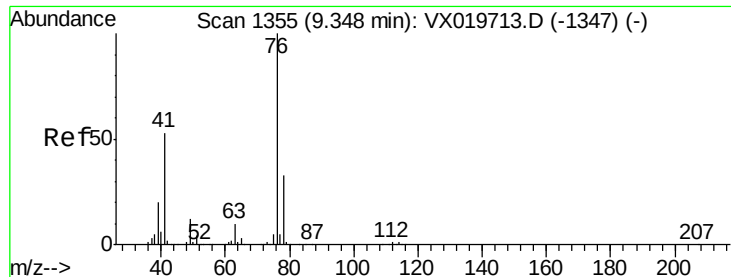
MMDadoda
 12/10/2020 9:31:40 AM



#56
 Ethyl methacrylate
 Concen: 57.136 ug/l
 RT: 9.15 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX019769.D
 Acq: 09 Dec 2020 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	282929		
41	57.9	46.8	70.2	
39	30.4	24.7	37.1	





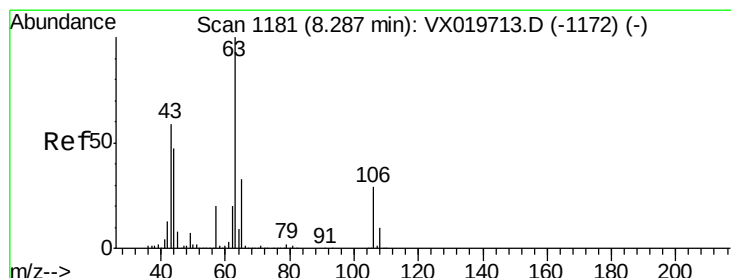
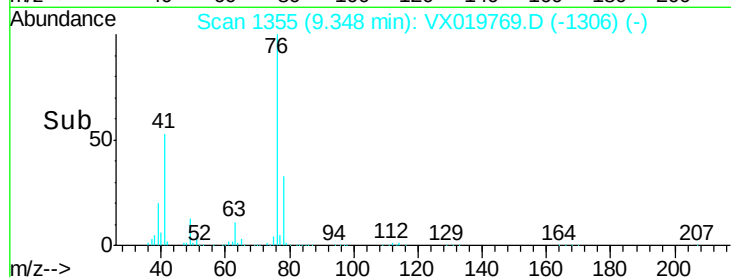
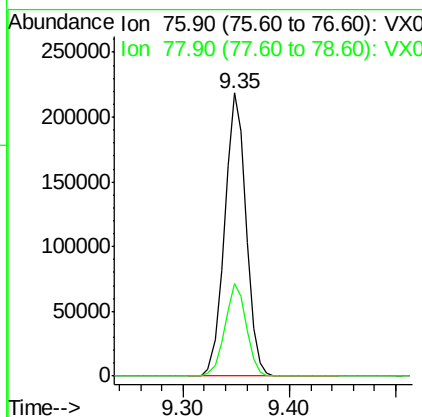
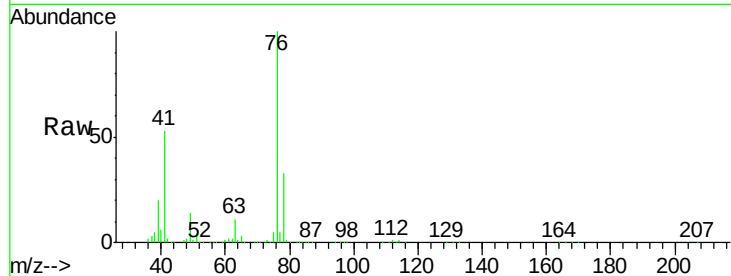
#57
 1,3-Dichloropropane
 Concen: 55.112 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. 0.00 min
 Lab File: VX019769.D
 Acq: 09 Dec 2020 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 308000
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.2 39.2

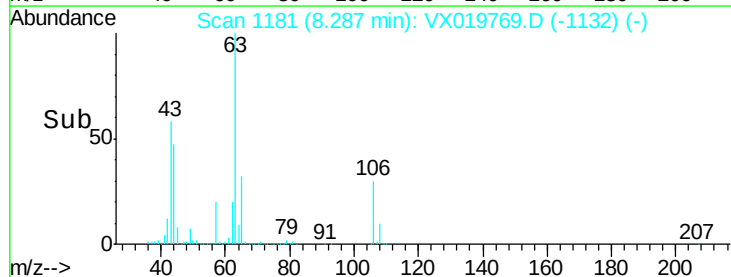
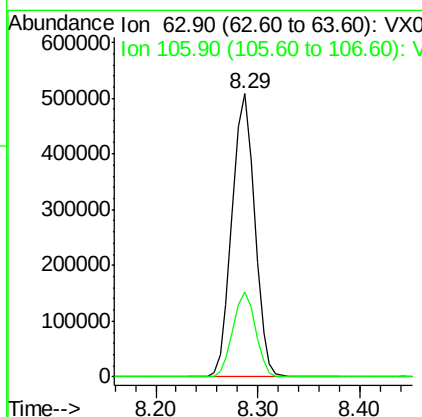
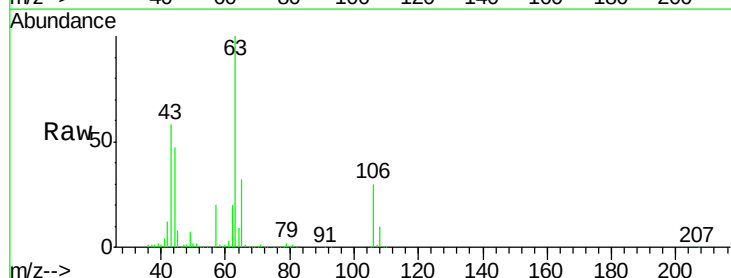
Manual Integrations
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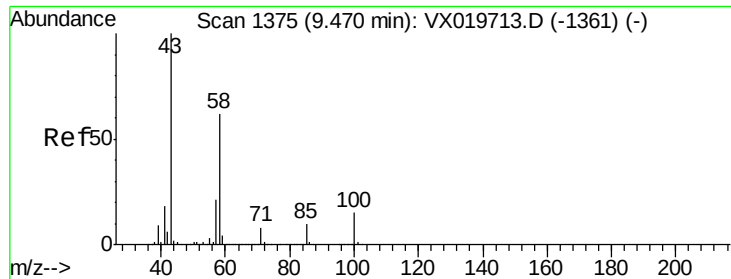
MMDadoda
 12/10/2020 9:31:40 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 298.379 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX019769.D
 Acq: 09 Dec 2020 11:08

Tgt Ion: 63 Resp: 782735
 Ion Ratio Lower Upper
 63 100
 106 29.8 23.5 35.3





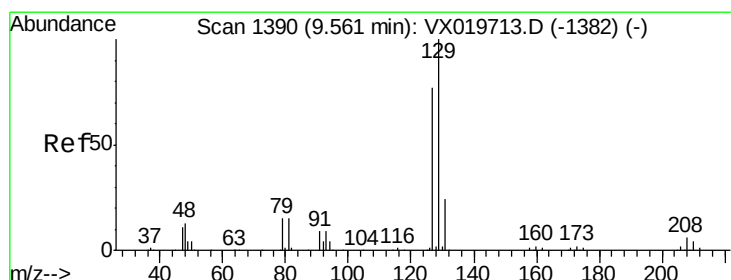
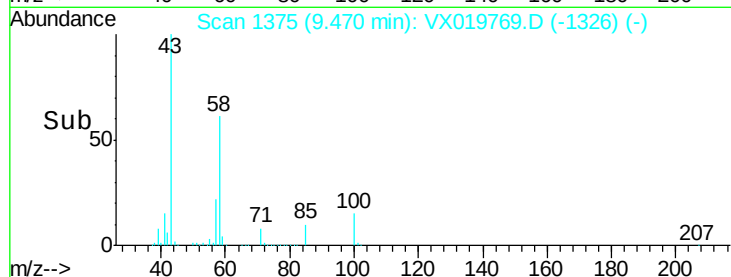
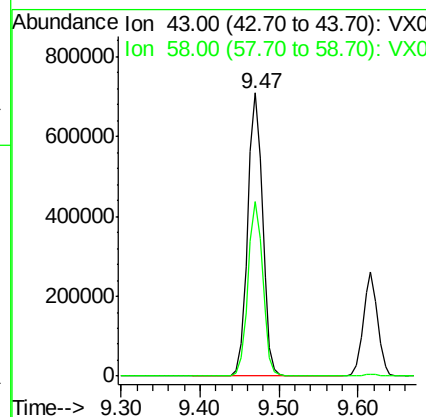
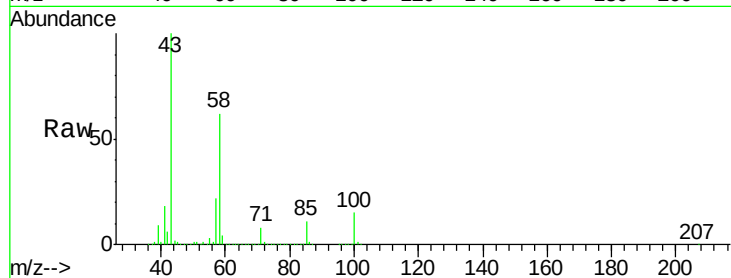
#59
2-Hexanone
Concen: 281.833 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.4	30.9	92.8

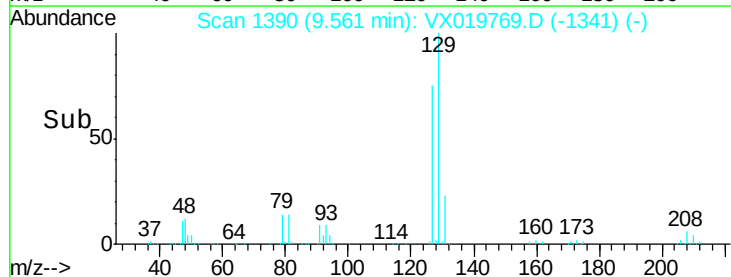
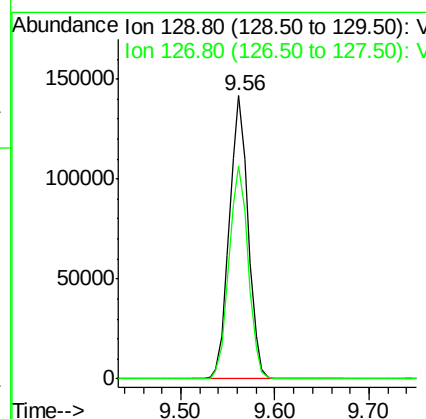
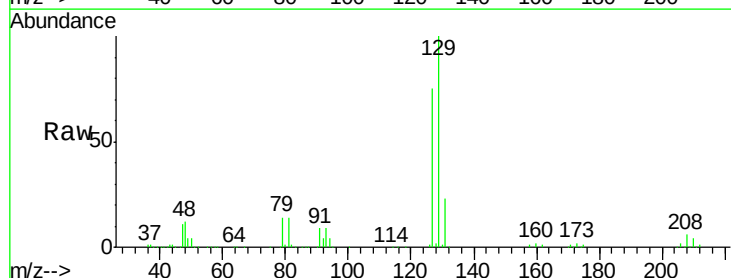
Manual Integrations
APPROVED

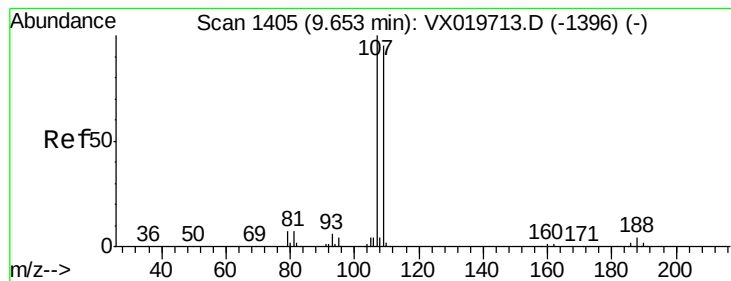
MMDadoda
12/10/2020 9:31:40 AM



#60
Dibromochloromethane
Concen: 59.092 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.6	38.4	115.2





#61

1,2-Dibromoethane

Concen: 55.210 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 191879

Ion Ratio Lower Upper

107 100

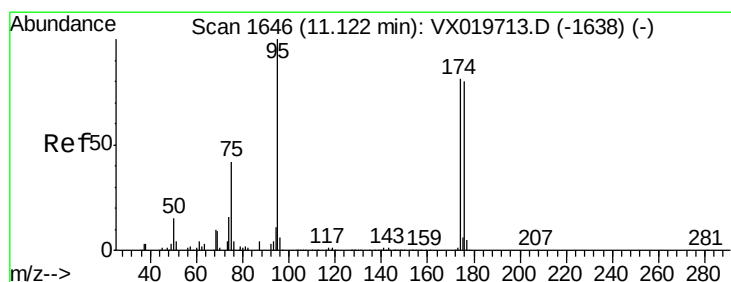
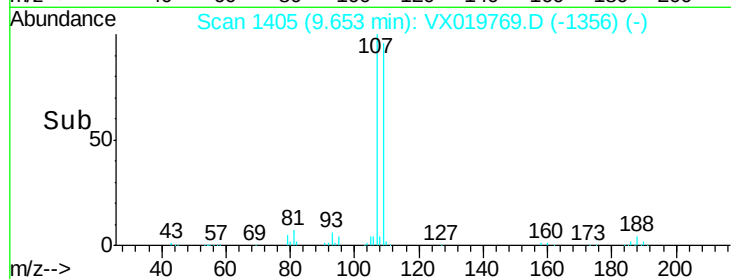
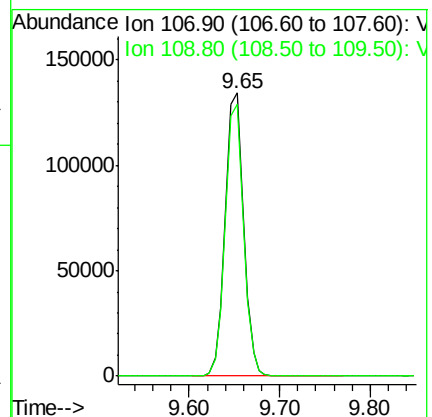
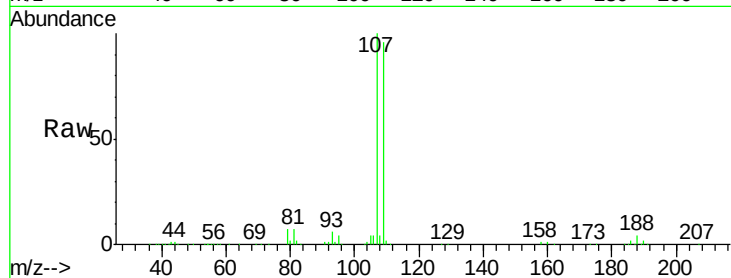
109 96.3 75.8 113.6

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#62

4-Bromofluorobenzene

Concen: 54.031 ug/l

RT: 11.12 min Scan# 1645

Delta R.T. -0.01 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

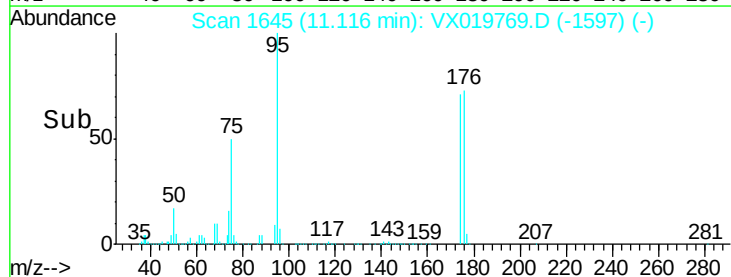
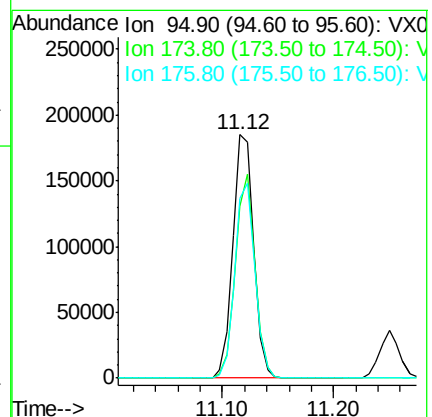
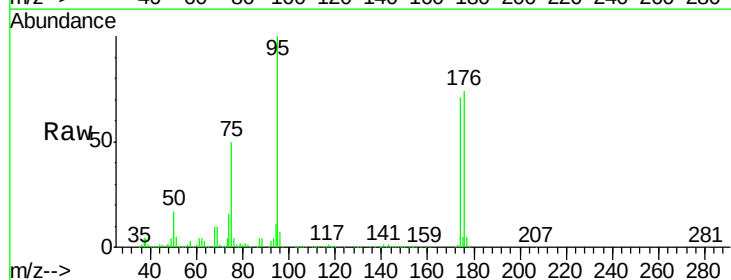
Tgt Ion: 95 Resp: 238705

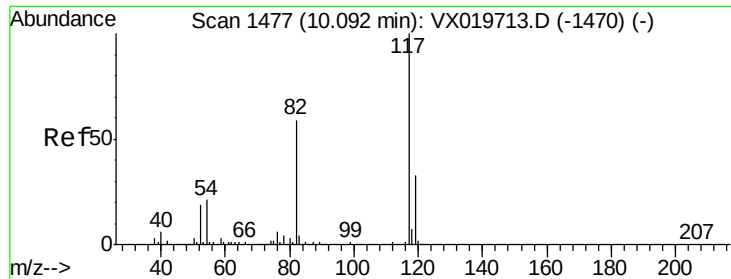
Ion Ratio Lower Upper

95 100

174 78.9 0.0 154.6

176 77.9 0.0 155.8





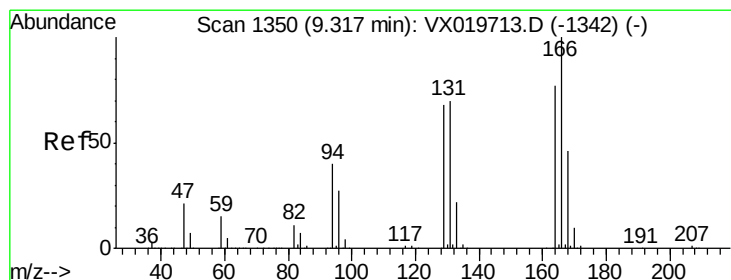
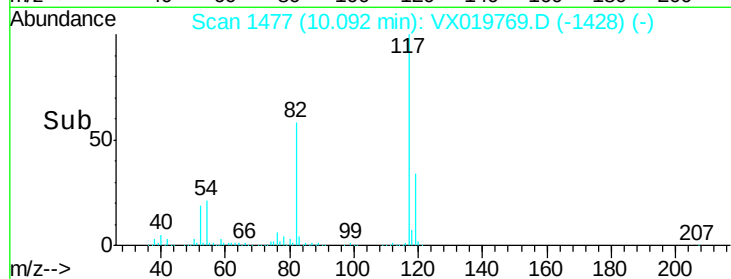
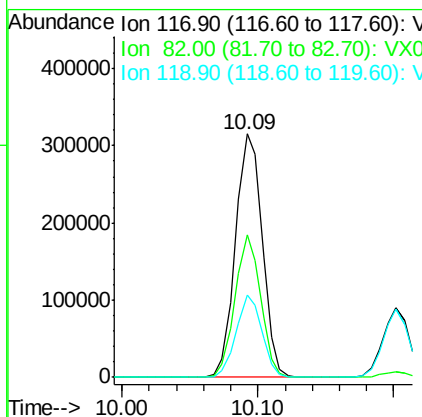
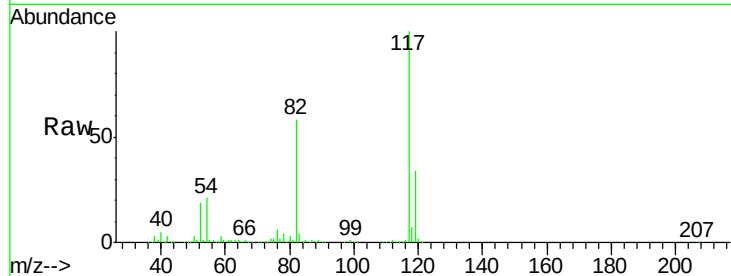
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.3	47.4	71.2
119	33.6	26.6	39.8

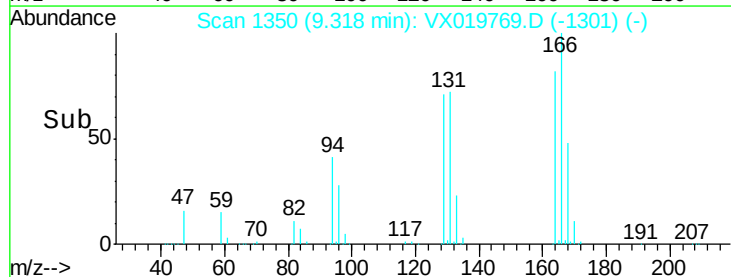
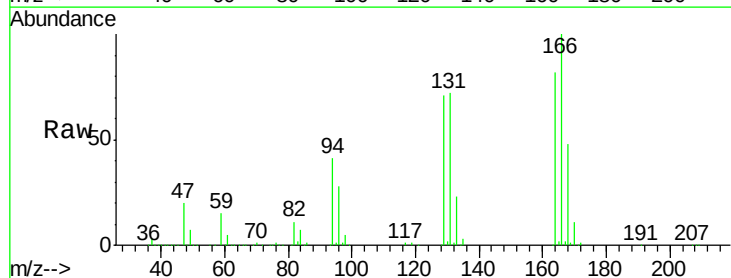
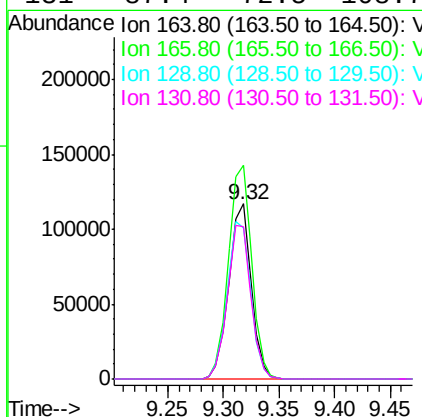
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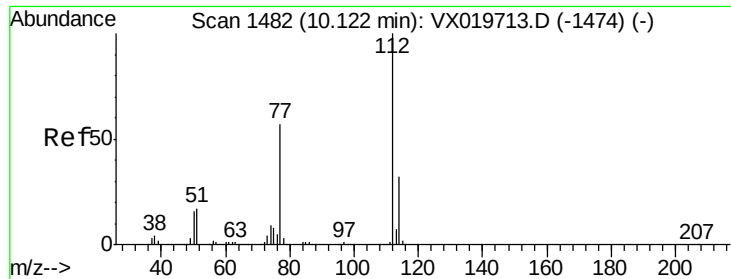
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#64
Tetrachloroethene
Concen: 56.566 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.2	103.4	155.2
129	86.6	70.8	106.2
131	87.4	72.5	108.7





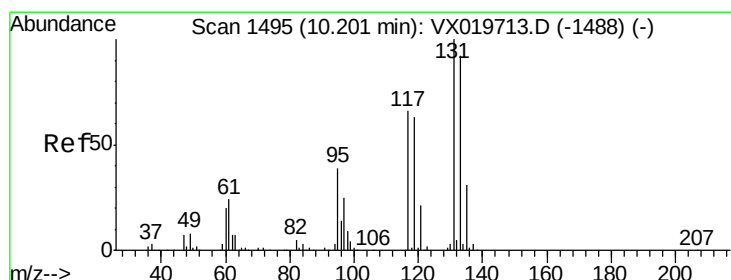
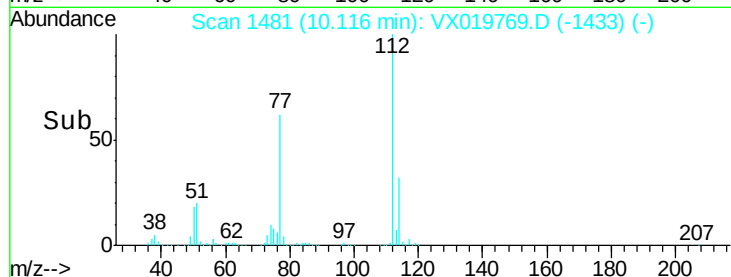
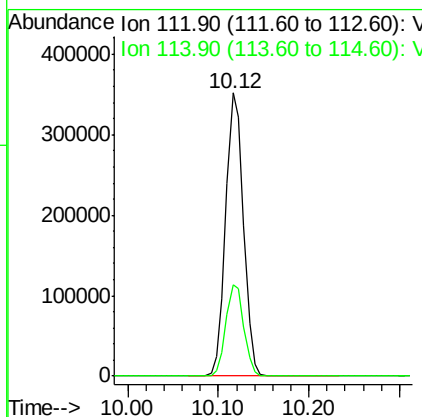
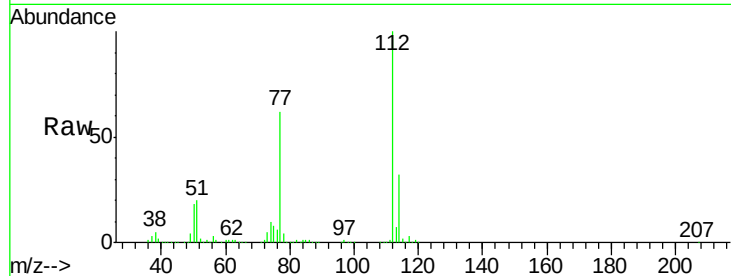
#65
Chlorobenzene
Concen: 55.828 ug/l
RT: 10.12 min Scan# 1481
Delta R.T. -0.01 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.8	38.6

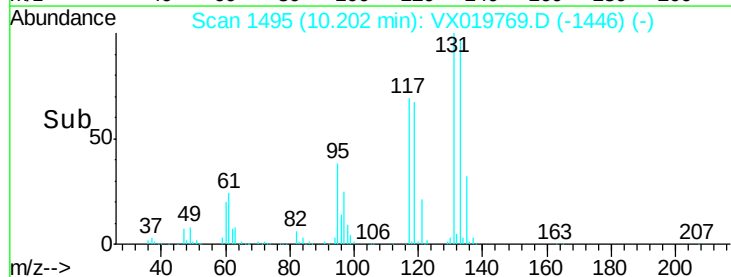
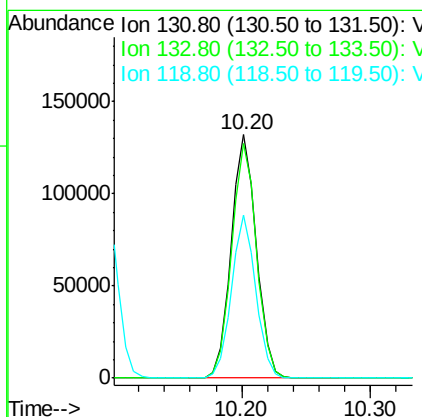
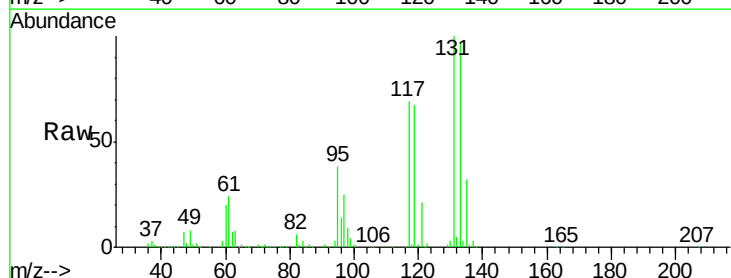
Manual Integrations
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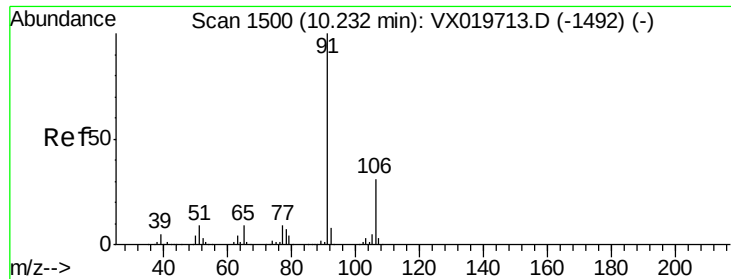
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#66
1,1,1,2-Tetrachloroethane
Concen: 57.934 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.9	47.7	143.1
119	64.9	32.1	96.5





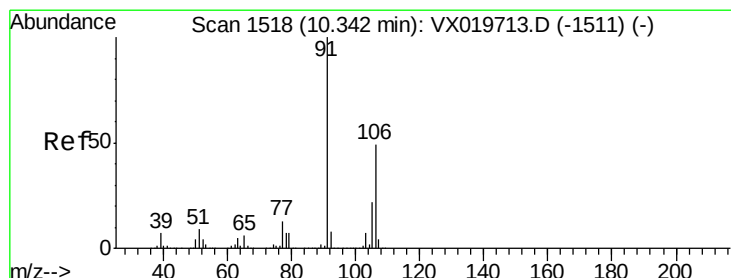
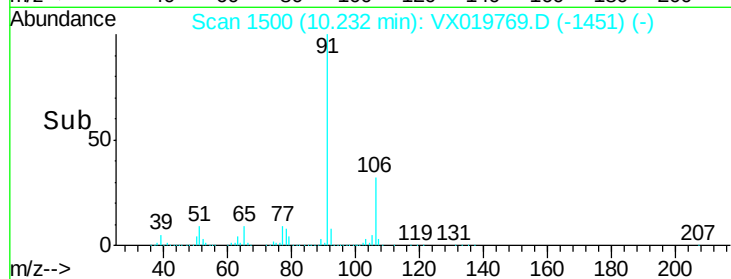
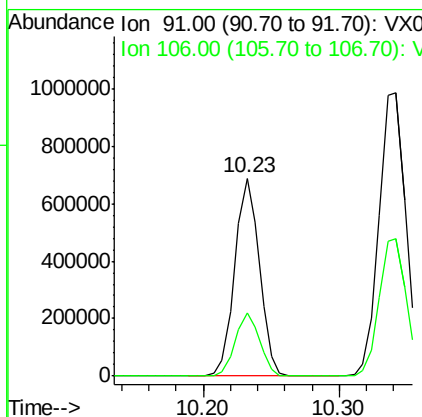
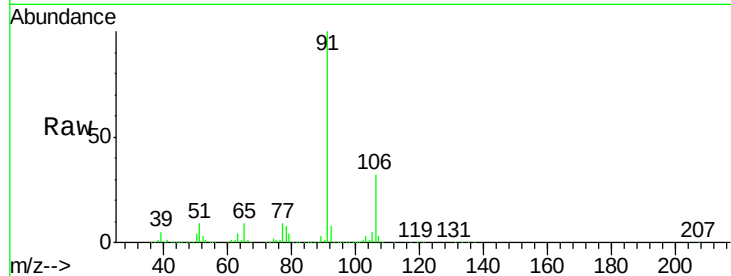
#67
Ethyl Benzene
Concen: 56.929 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 869594
Ion Ratio Lower Upper
91 100
106 31.8 24.6 37.0

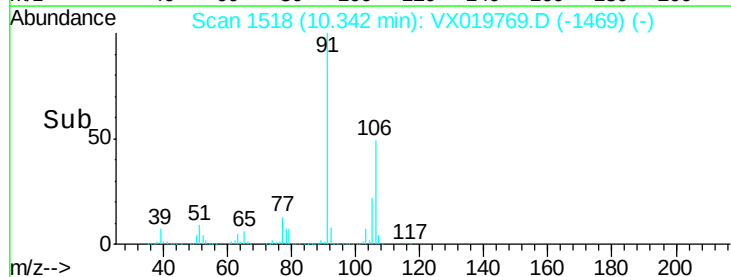
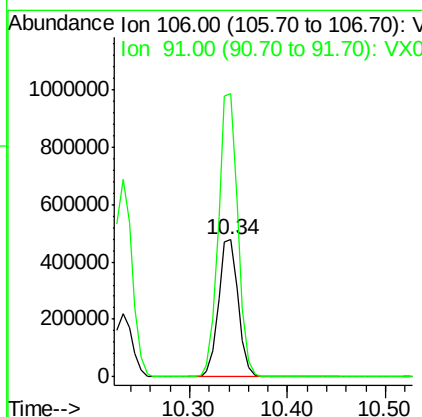
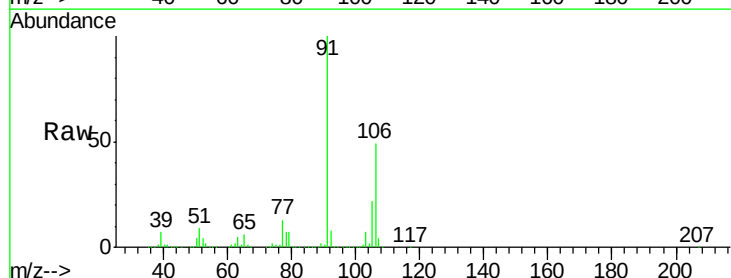
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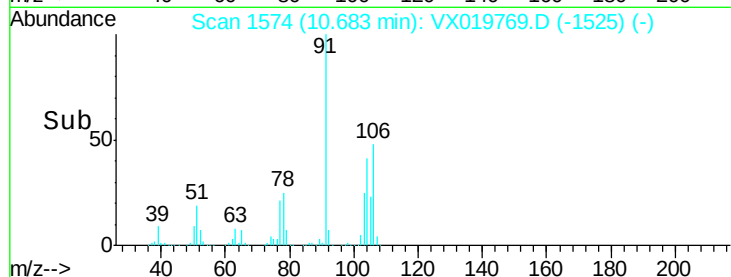
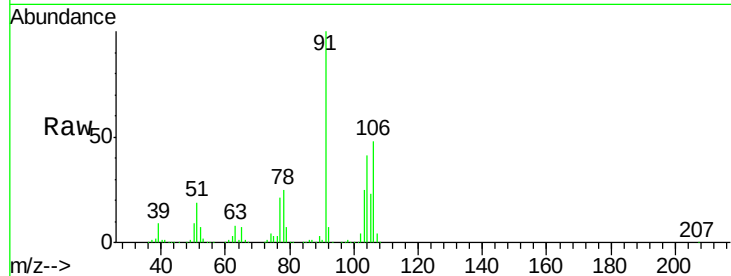
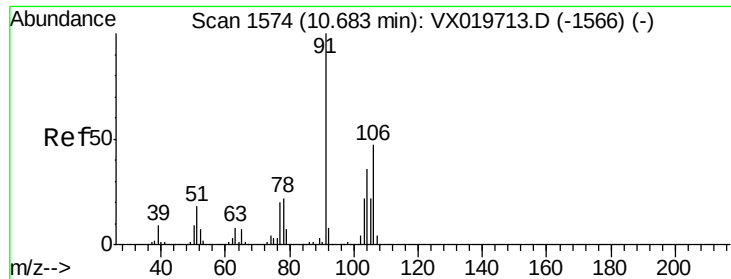
MMDadoda
12/10/2020 9:31:40 AM



#68
m/p-Xylenes
Concen: 114.826 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Tgt Ion: 106 Resp: 660922
Ion Ratio Lower Upper
106 100
91 204.5 162.8 244.2





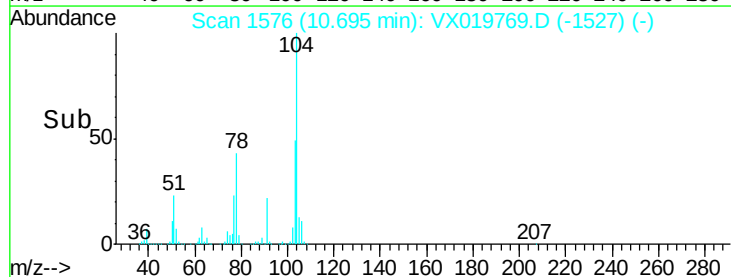
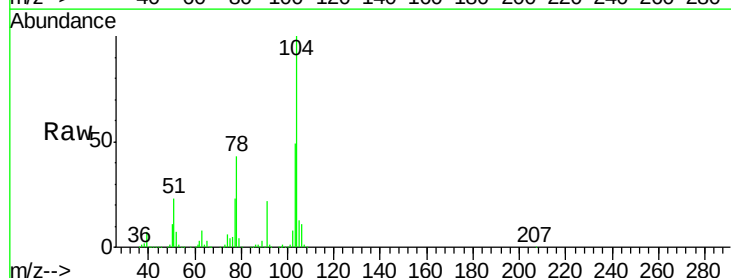
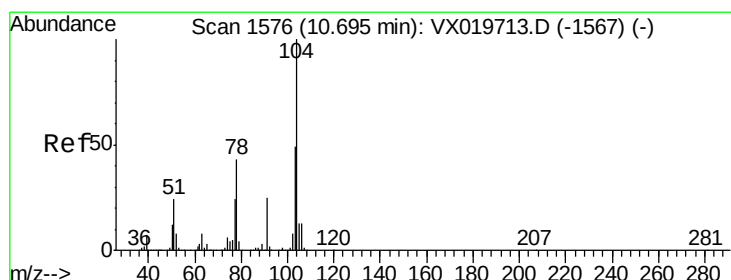
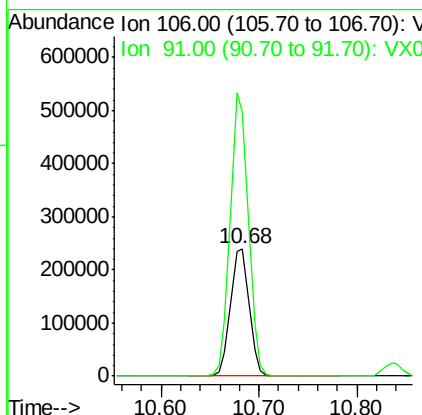
#69
o-Xylene
Concen: 57.803 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Tot Ion:106 Resp: 320043
Ion Ratio Lower Upper
106 100
91 215.5 108.1 324.2

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

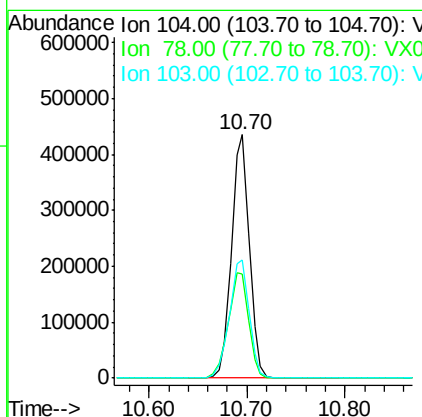
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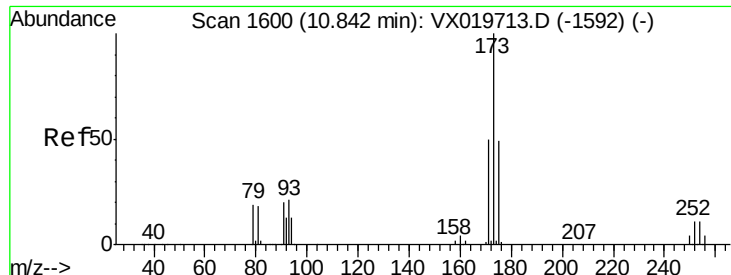
MMDadoda
12/10/2020 9:31:40 AM



#70
Styrene
Concen: 58.923 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Tgt Ion:104 Resp: 550667
Ion Ratio Lower Upper
104 100
78 49.4 40.0 60.0
103 54.1 43.4 65.0





#71

Bromoform

Concen: 59.840 ug/l

RT: 10.84 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

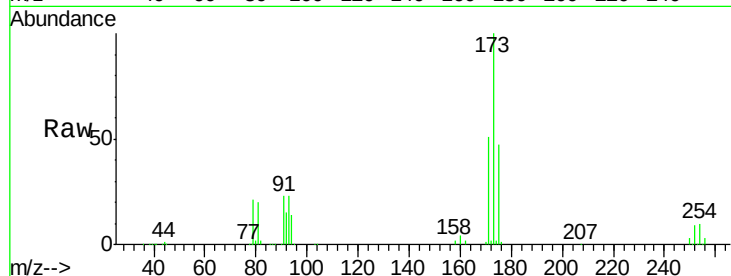
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.7	23.9	71.8
254	0.1	0.1	0.1

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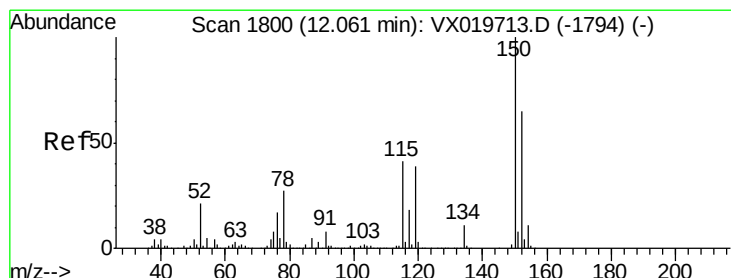
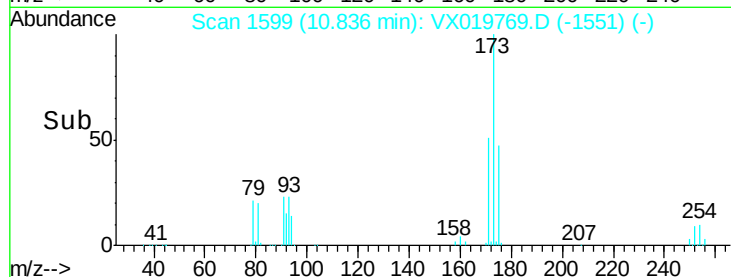
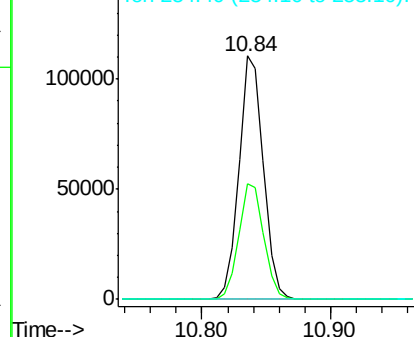


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

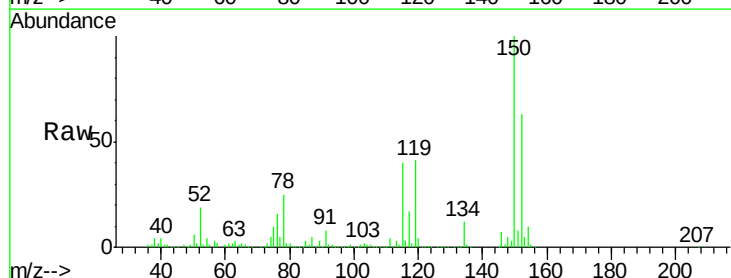
RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	83.7	41.1	123.3
150	174.5	0.0	349.0

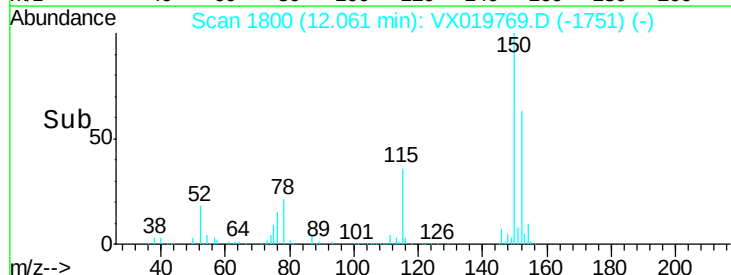
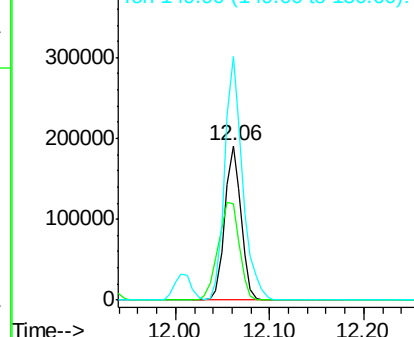


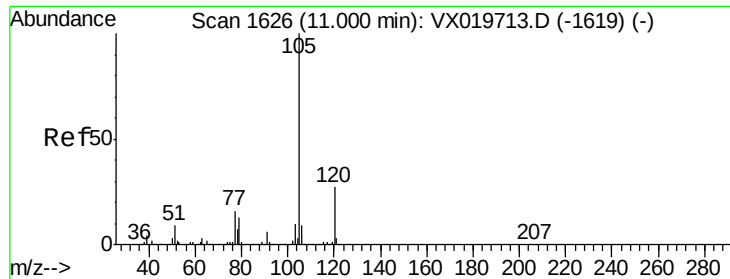
Abundance

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: 55.891 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 861853

Ion Ratio Lower Upper

105 100

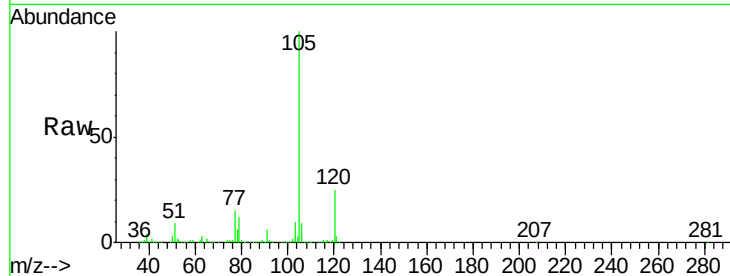
120 26.0 13.2 39.6

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

800000

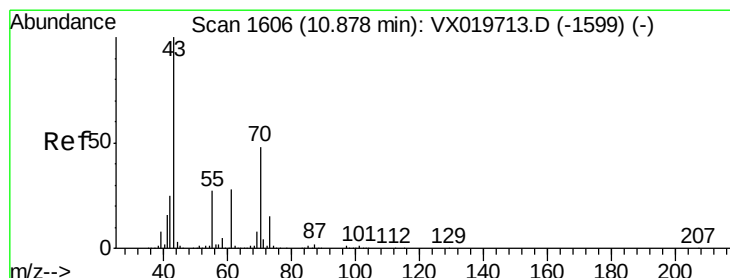
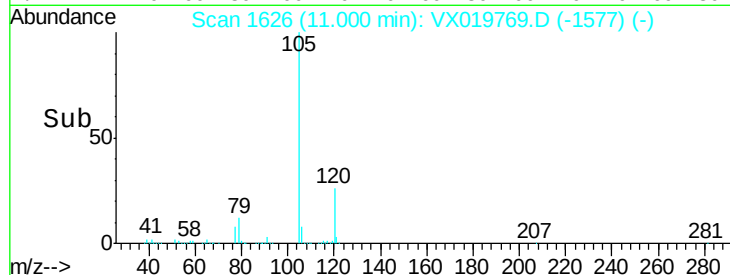
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 53.858 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Tgt Ion: 43 Resp: 332820

Ion Ratio Lower Upper

43 100

70 50.3 39.0 58.6

55 27.3 21.5 32.3

61 27.9 22.1 33.1

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

400000

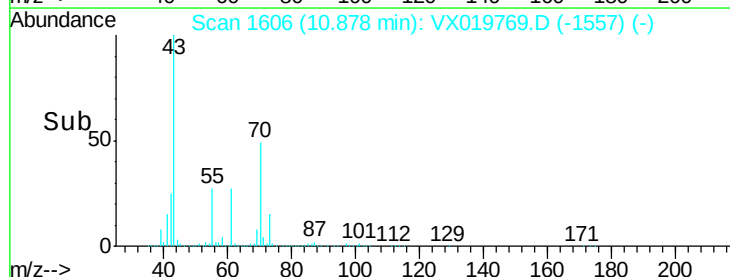
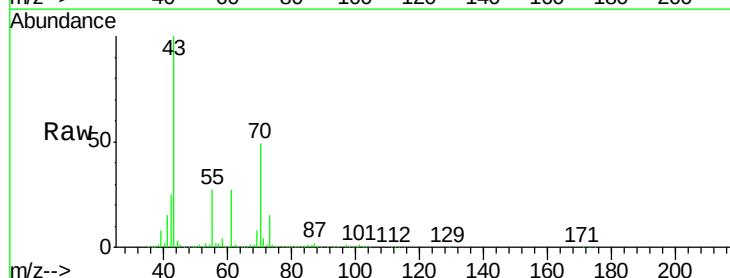
300000

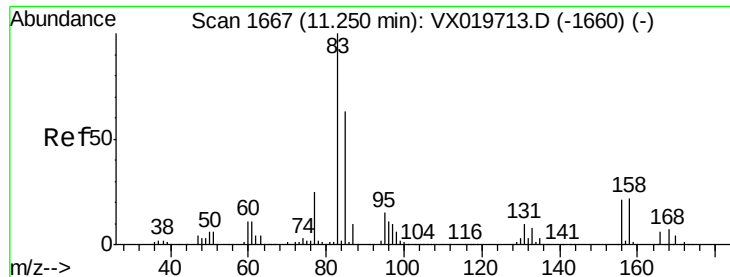
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 53.000 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

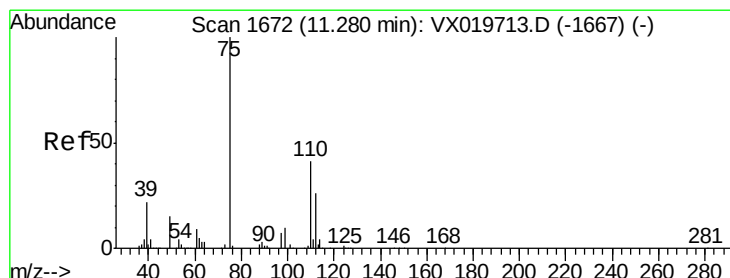
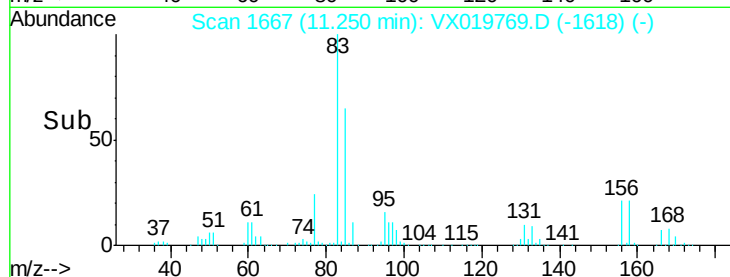
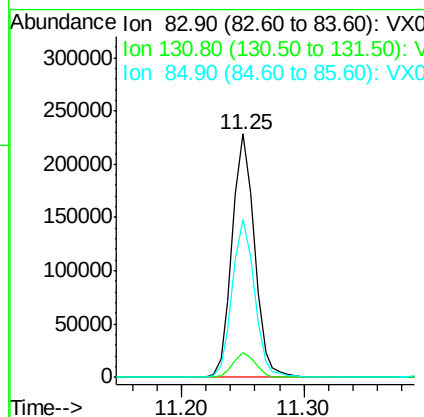
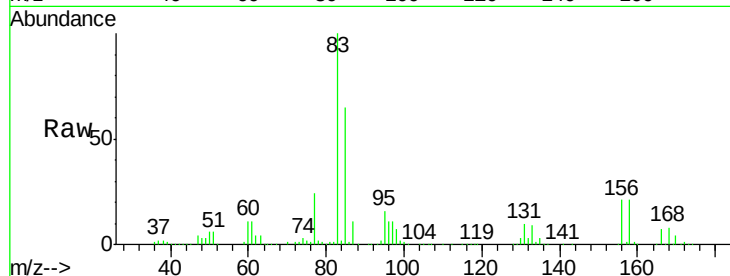
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	288137
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.2
85	65.0	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 54.365 ug/l m

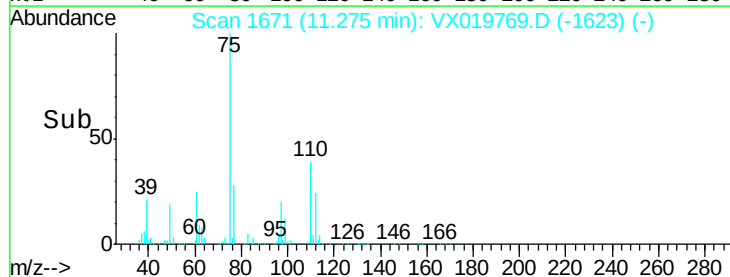
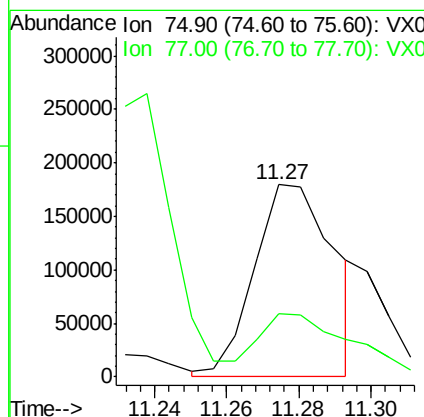
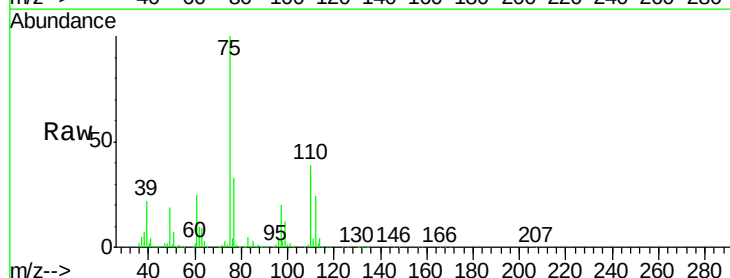
RT: 11.27 min Scan# 1671

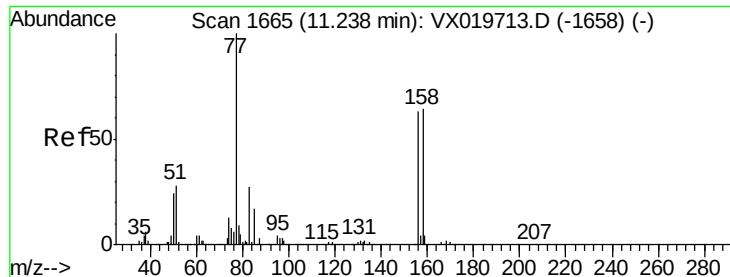
Delta R.T. -0.01 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Tgt Ion:	75	Resp:	275207
Ion Ratio	Lower	Upper	
75	100		
77	38.0	19.1	57.5





#77

Bromobenzene

Concen: 54.569 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

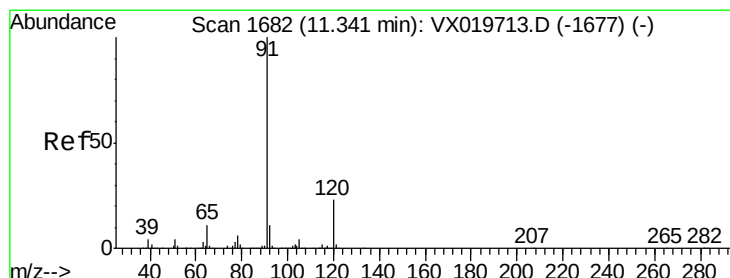
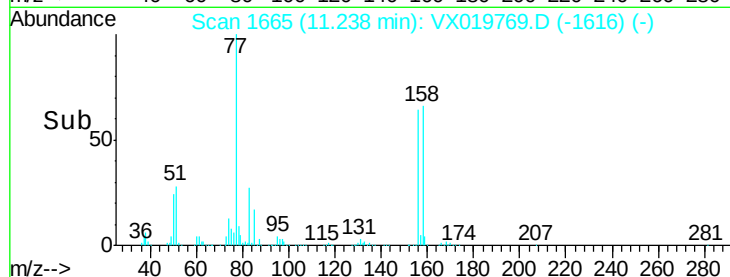
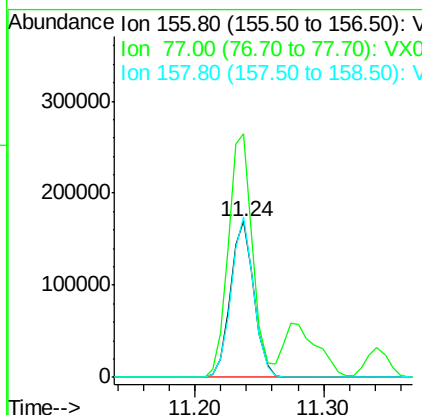
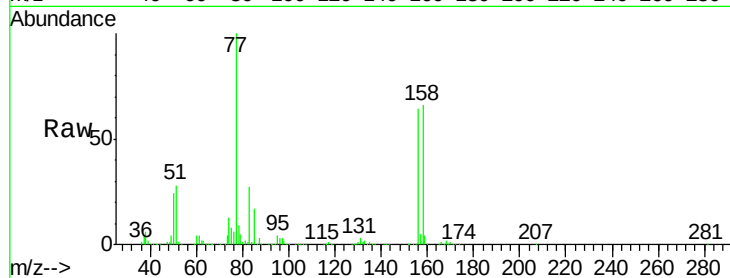
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	215341
Ion Ratio	Lower	Upper	
156	100		
77	163.0	82.8	248.6
158	99.1	49.1	147.4

Manual Integrations
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12/10/2020 9:31:40 AM



#78

n-propylbenzene

Concen: 56.678 ug/l

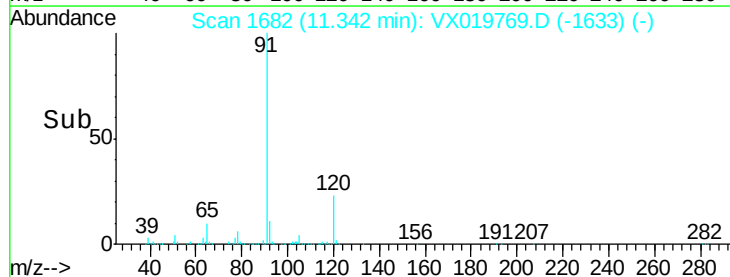
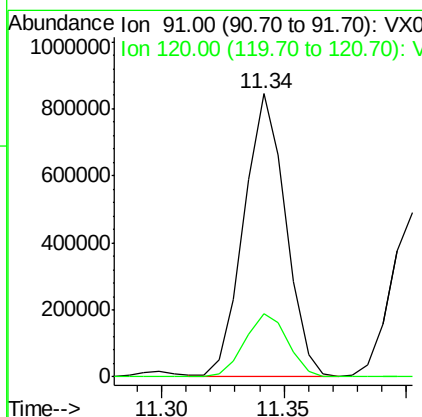
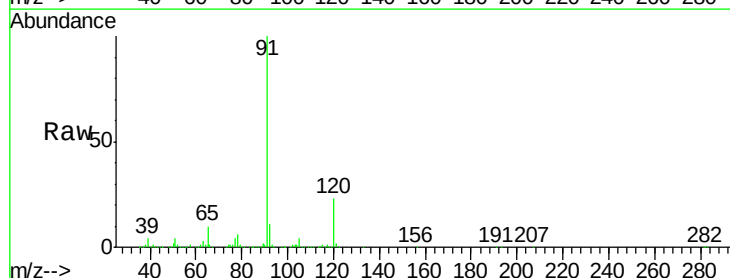
RT: 11.34 min Scan# 1682

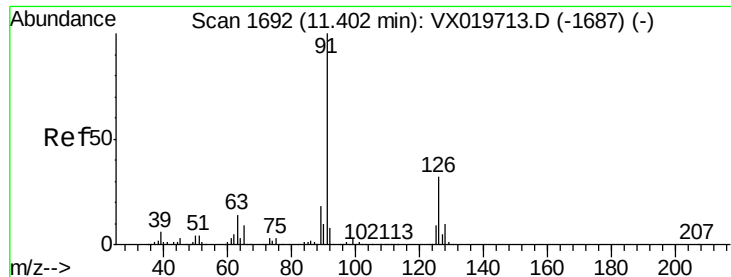
Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Tgt Ion:	91	Resp:	998224
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.5





#79

2-Chlorotoluene

Concen: 55.272 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 599475

Ion Ratio Lower Upper

91 100

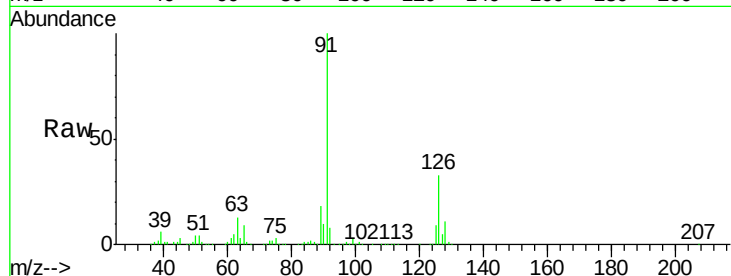
126 33.1 16.6 49.8

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX019713.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX019713.D (-1687) (-)

800000

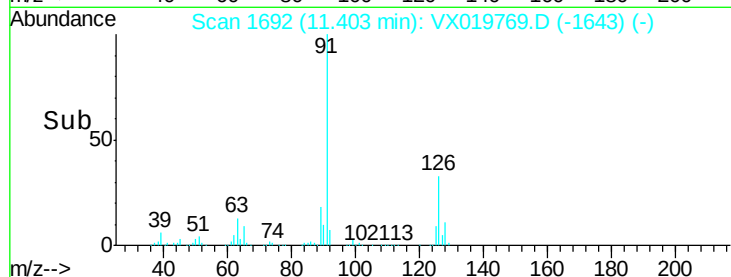
600000

400000

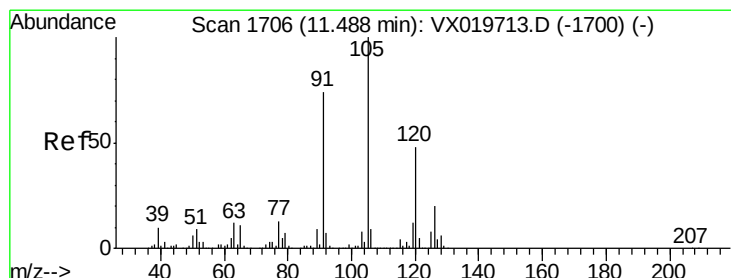
200000

0

11.35 11.40 11.45



Time-->



#80

1,3,5-Trimethylbenzene

Concen: 55.772 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019769.D

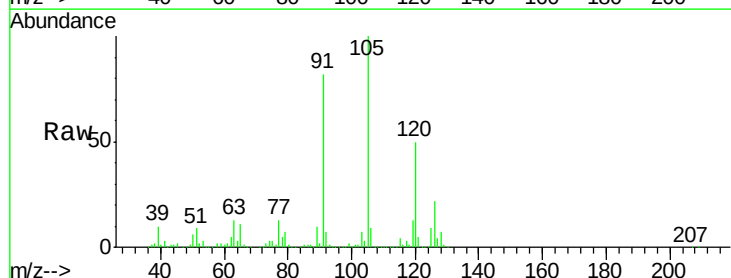
Acq: 09 Dec 2020 11:08

Tgt Ion: 105 Resp: 725823

Ion Ratio Lower Upper

105 100

120 48.9 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): VX019713.D (-1700) (-)

Ion 120.00 (119.70 to 120.70): VX019713.D (-1700) (-)

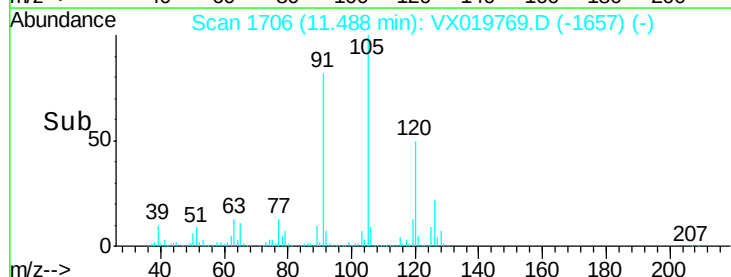
600000

400000

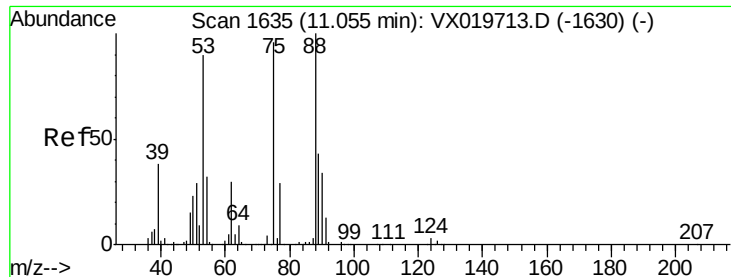
200000

0

11.40 11.50 11.60



Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 56.854 ug/l

RT: 11.06 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Instrument :

MSVOA_X

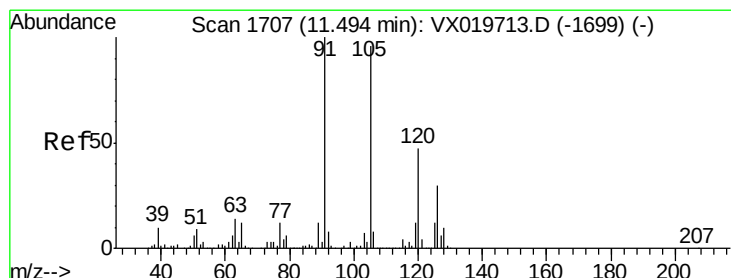
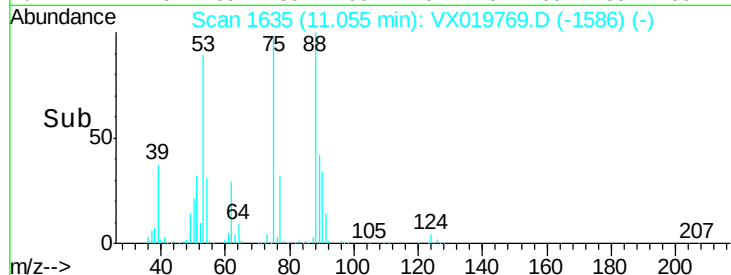
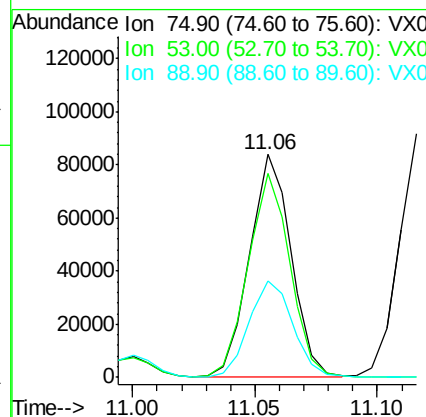
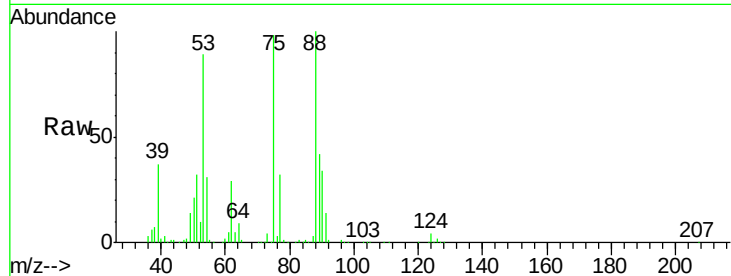
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	99559
Ion	Ratio	Lower	Upper
75	100		
53	92.4	74.5	111.7
89	45.9	37.9	56.9

Manual Integrations
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#82

4-Chlorotoluene

Concen: 55.273 ug/l

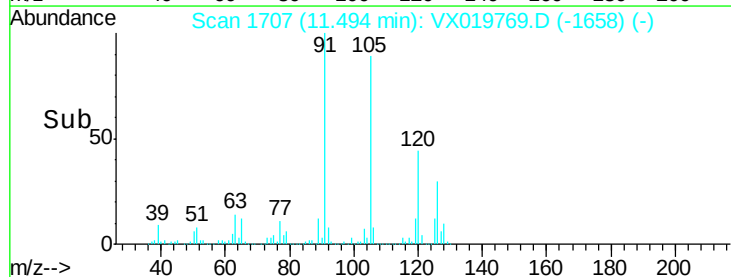
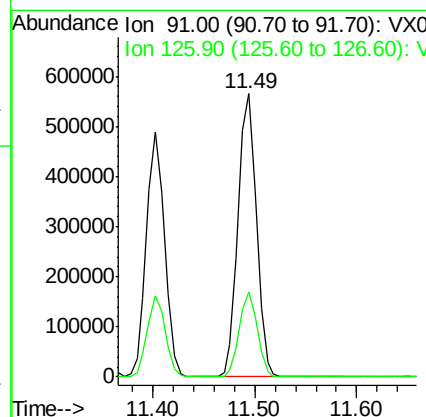
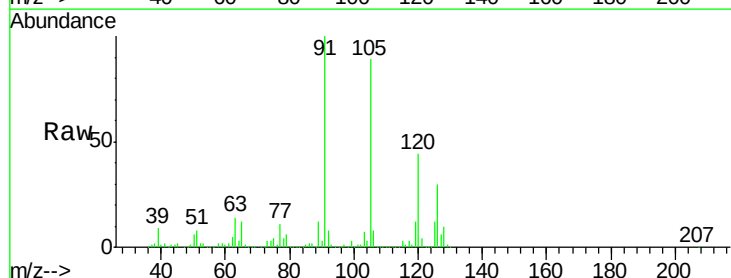
RT: 11.49 min Scan# 1707

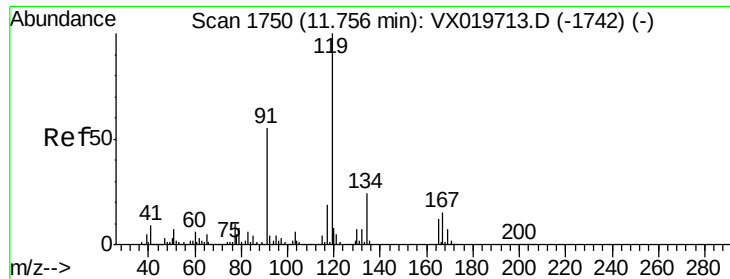
Delta R.T. 0.00 min

Lab File: VX019769.D

Acq: 09 Dec 2020 11:08

Tgt Ion:	91	Resp:	702101
Ion	Ratio	Lower	Upper
91	100		
126	29.4	14.9	44.5





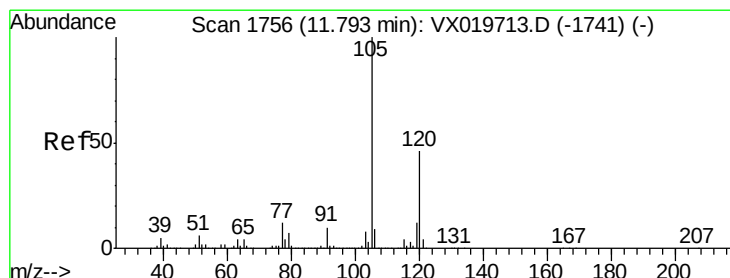
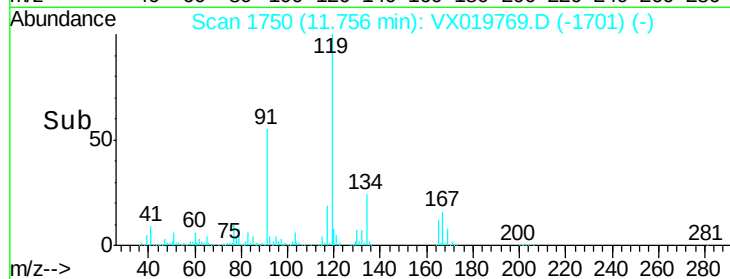
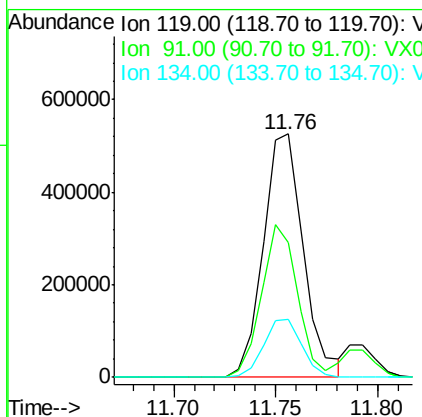
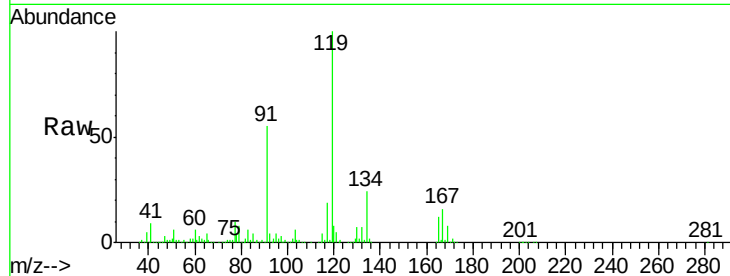
#83
 tert-Butylbenzene
 Concen: 56.544 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX019769.D
 Acq: 09 Dec 2020 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	721715		
91	56.4	27.9	83.7	
134	22.9	11.3	33.9	

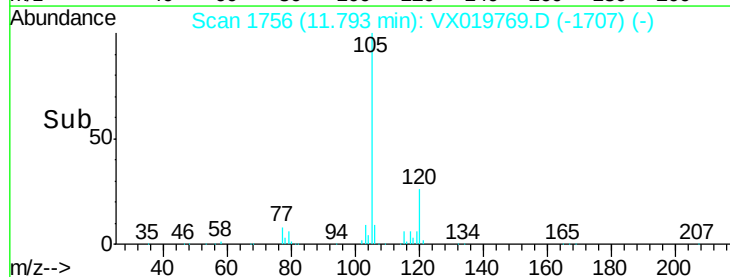
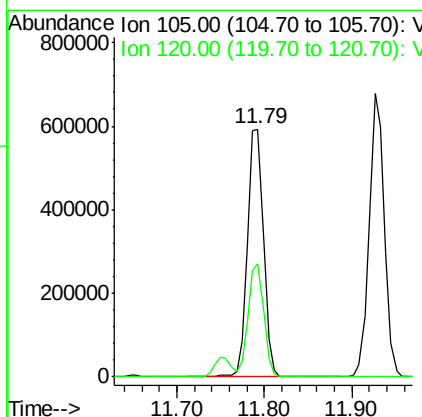
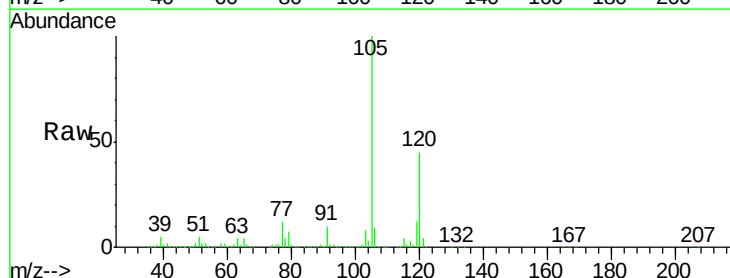
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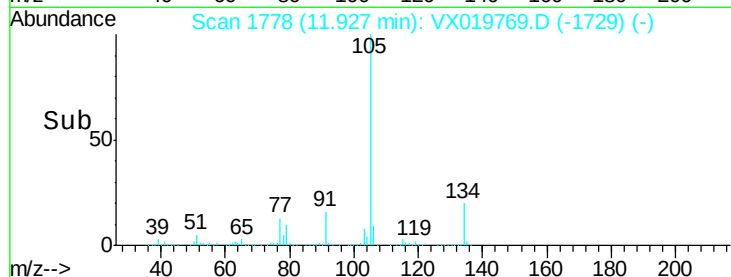
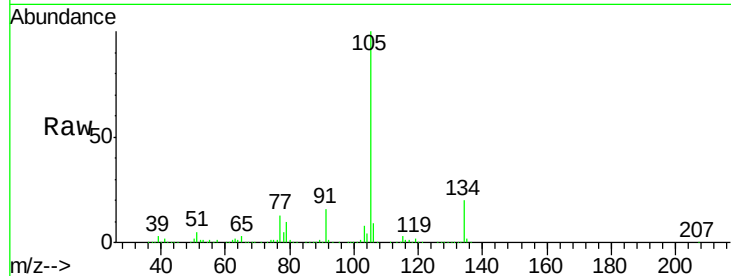
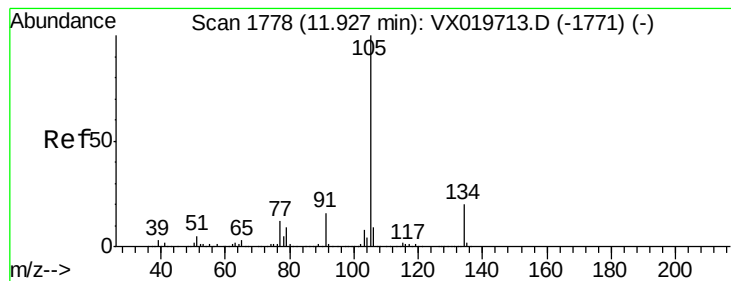
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 12/10/2020 9:31:40 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 56.982 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019769.D
 Acq: 09 Dec 2020 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	747004		
120	44.3	22.4	67.3	





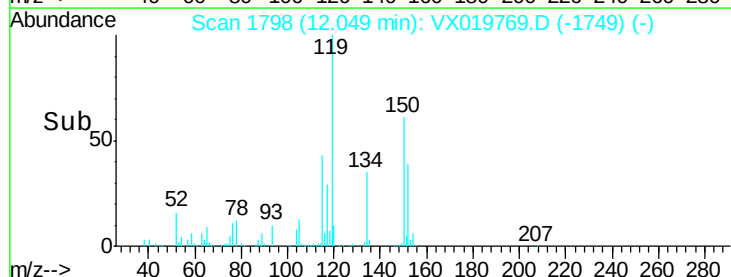
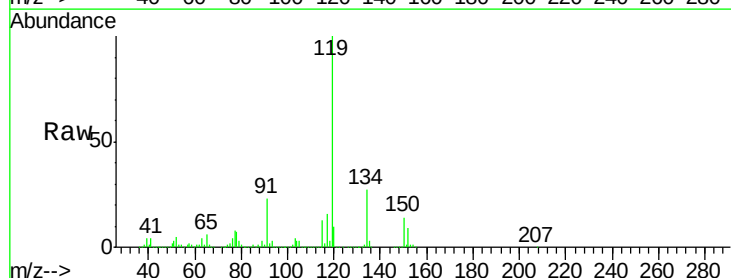
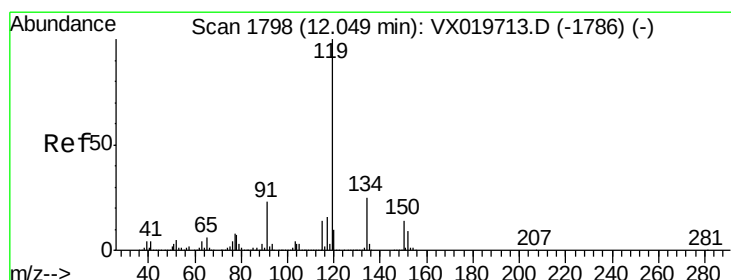
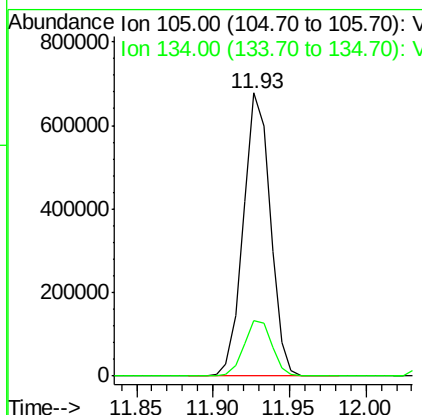
#85
 sec-Butylbenzene
 Concen: 56.812 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX019769.D
 Acq: 09 Dec 2020 11:08

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.3	10.0	29.8

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

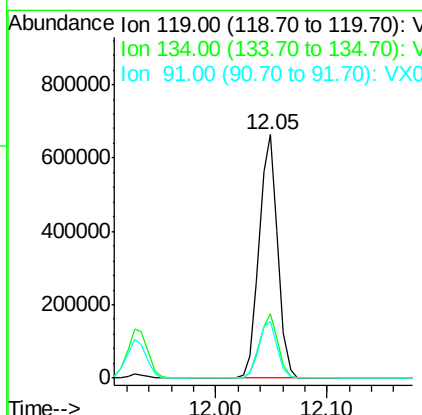
Manual Integrations
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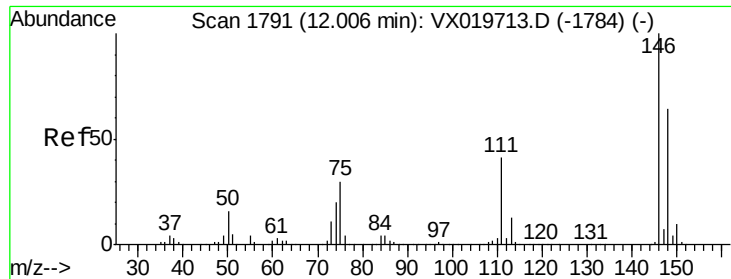
MMDadoda
 12/10/2020 9:31:40 AM



#86
 p-Isopropyltoluene
 Concen: 57.844 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX019769.D
 Acq: 09 Dec 2020 11:08

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	12.9	38.7
91	23.6	11.7	35.0





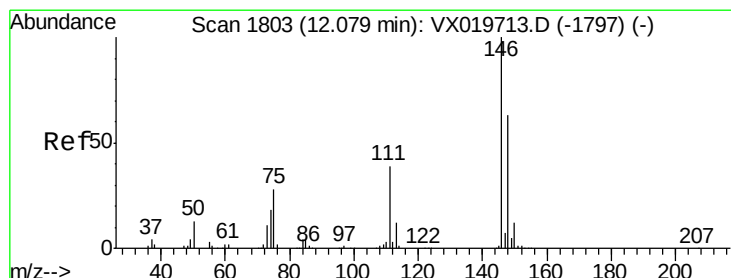
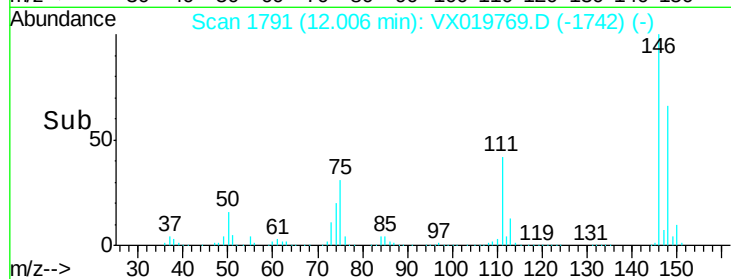
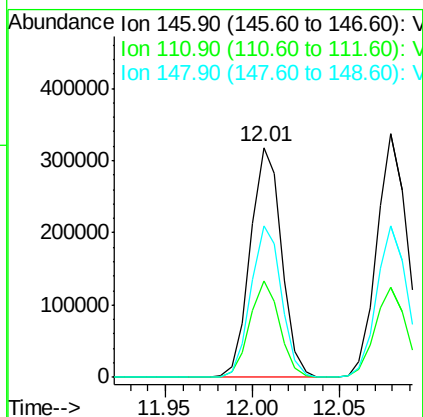
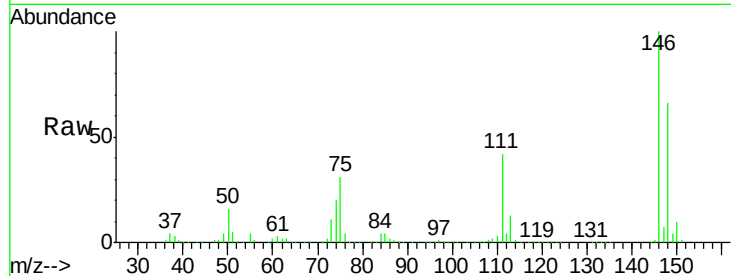
#87
 1,3-Dichlorobenzene
 Concen: 54.667 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019769.D
 Acq: 09 Dec 2020 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.2	60.5
148	64.8	31.9	95.7

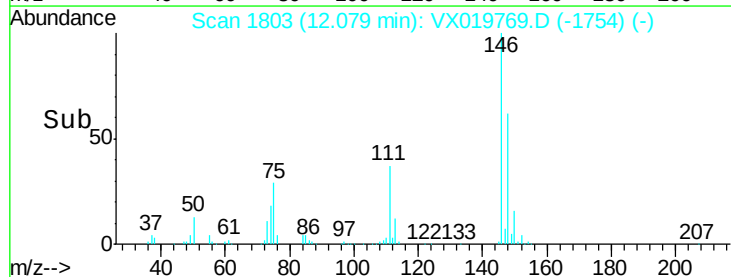
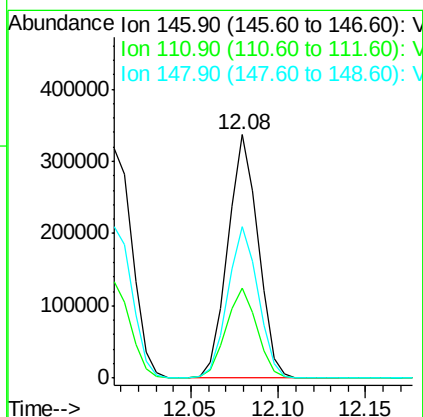
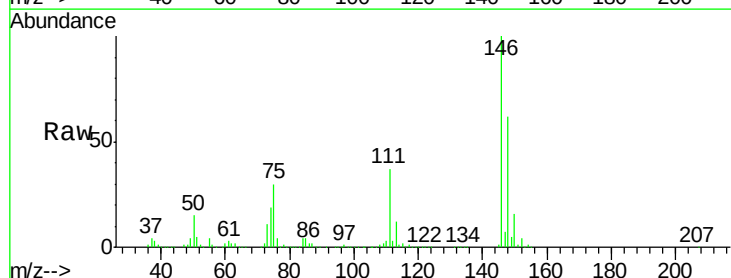
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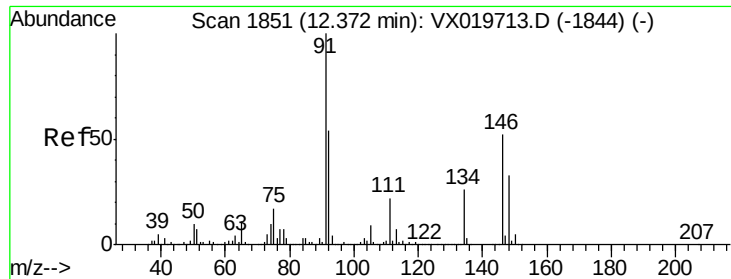
MMDadoda
 12/10/2020 9:31:40 AM



#88
 1,4-Dichlorobenzene
 Concen: 54.914 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019769.D
 Acq: 09 Dec 2020 11:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.6	58.8
148	62.8	31.6	95.0





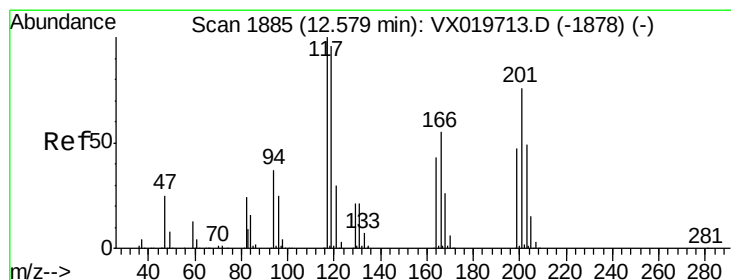
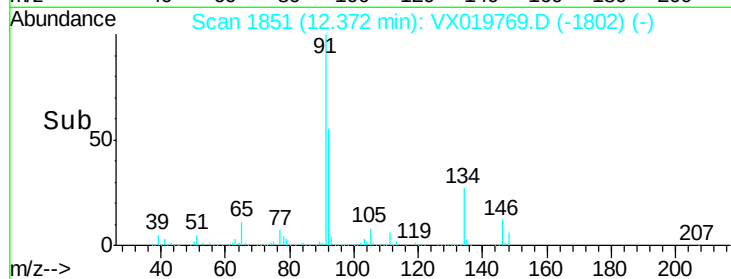
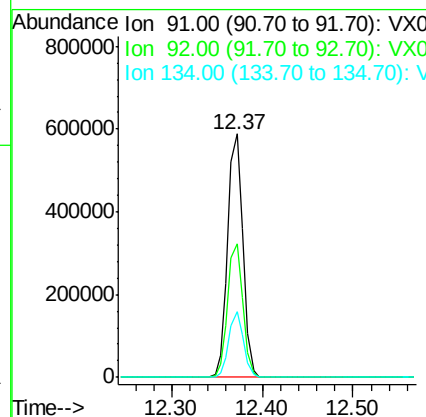
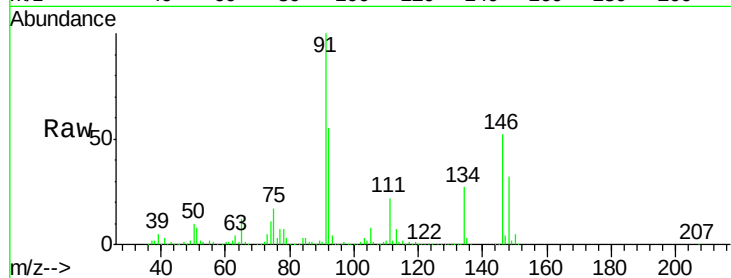
#89
n-Butylbenzene
Concen: 58.298 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.4	82.0
134	26.0	13.2	39.5

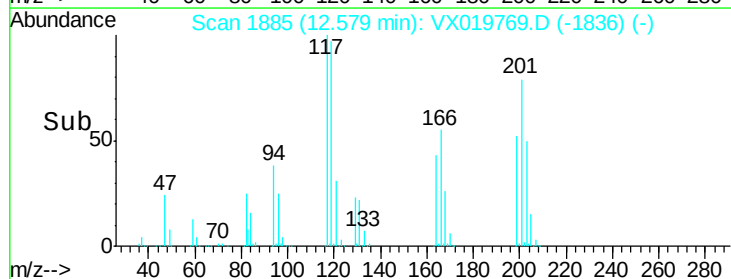
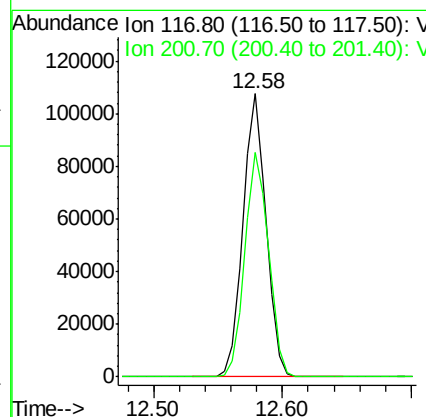
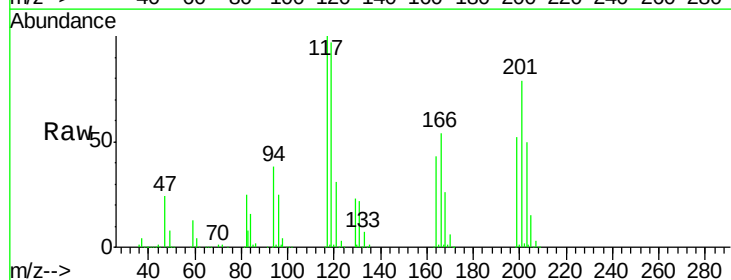
Manual Integrations
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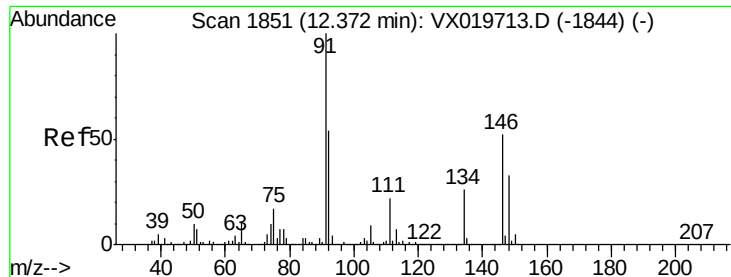
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12/10/2020 9:31:40 AM



#90
Hexachloroethane
Concen: 57.798 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.3	40.4	121.2





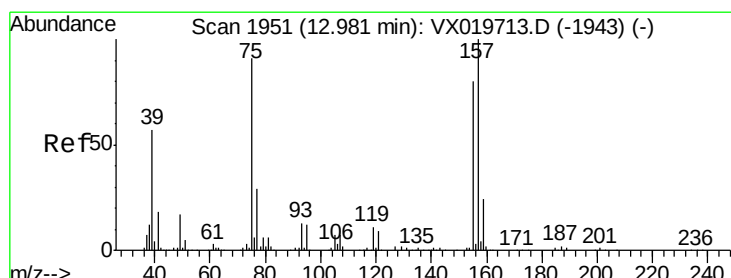
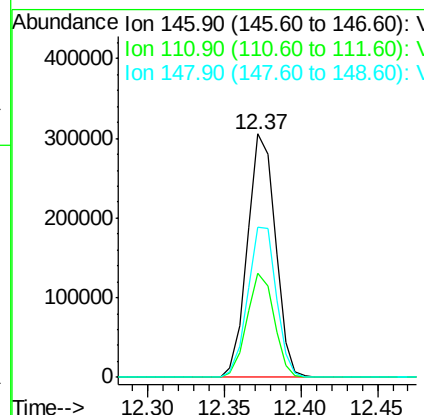
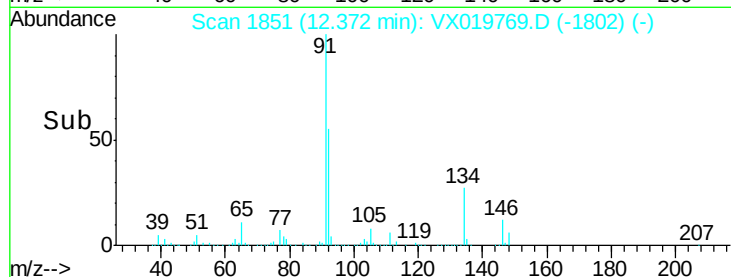
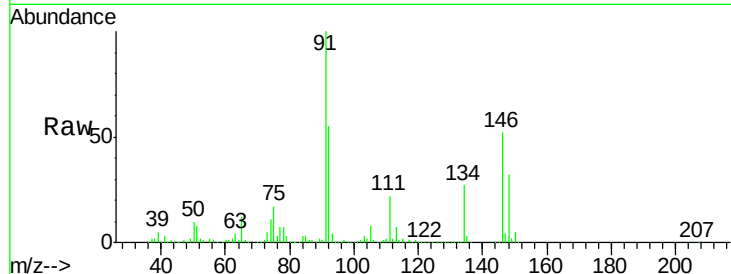
#91
 1,2-Dichlorobenzene
 Concen: 54.892 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX019769.D
 Acq: 09 Dec 2020 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	387563		
111	41.8	20.8	62.2	
148	63.2	31.9	95.5	

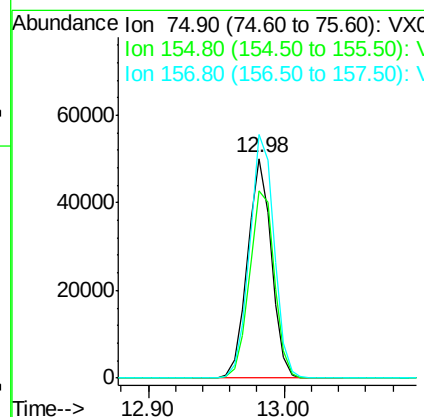
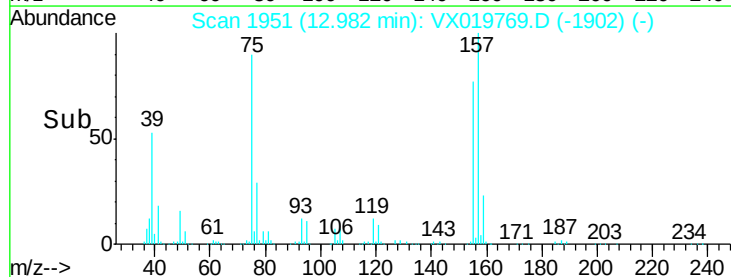
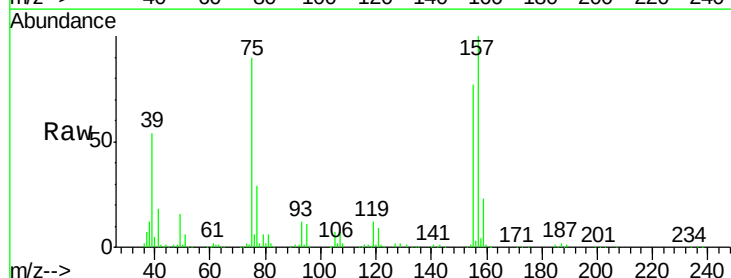
Manual Integrations
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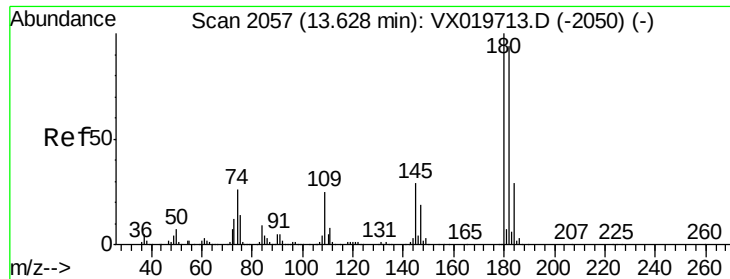
MMDadoda
 12/10/2020 9:31:40 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.359 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019769.D
 Acq: 09 Dec 2020 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	61194		
155	89.5	45.3	135.9	
157	114.4	57.7	173.1	





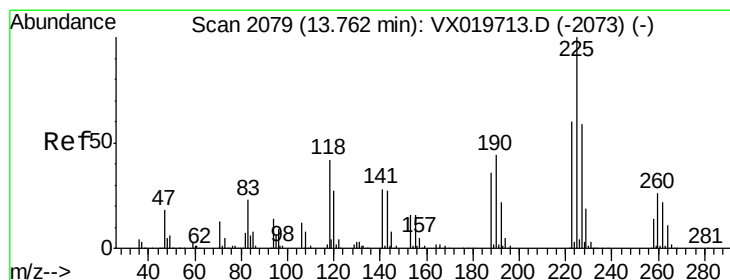
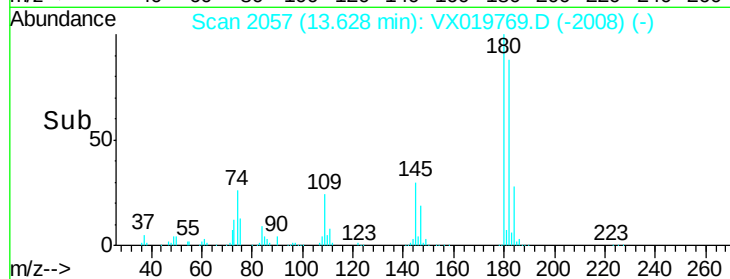
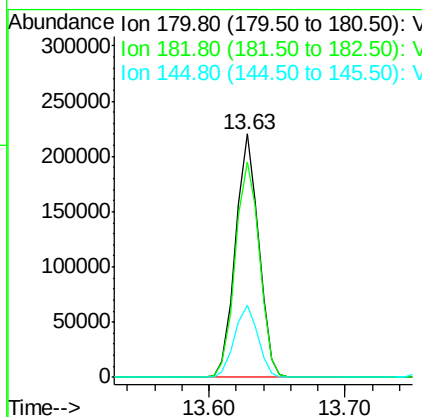
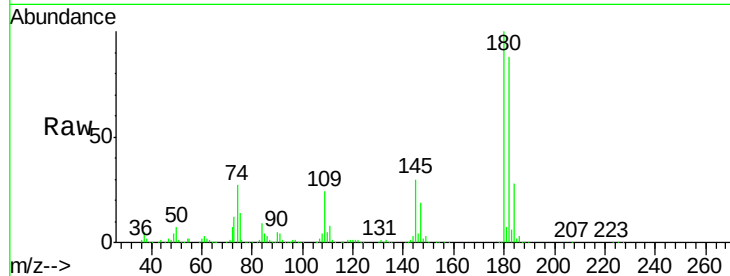
#93
 1,2,4-Trichlorobenzene
 Concen: 56.774 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019769.D
 Acq: 09 Dec 2020 11:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	260933		
182	92.4	47.7	143.1	
145	30.1	15.0	45.0	

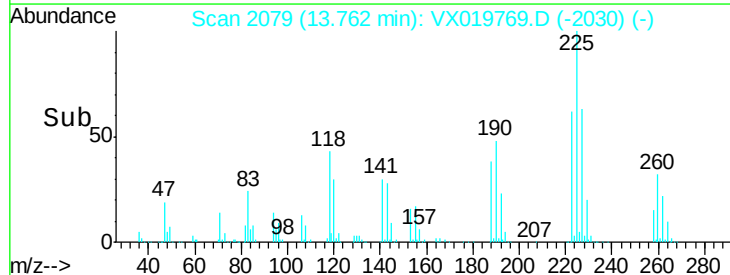
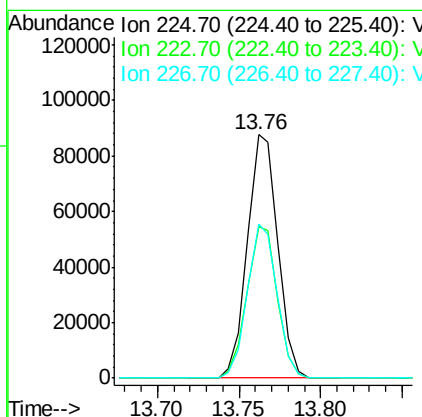
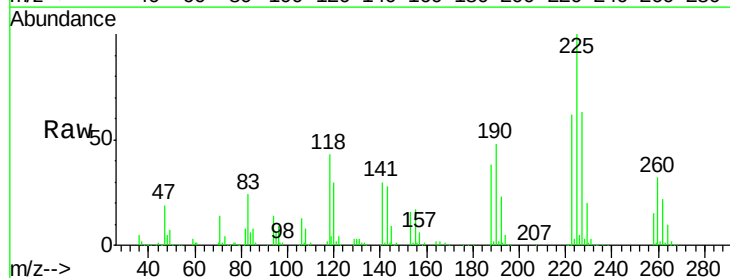
Manual Integrations
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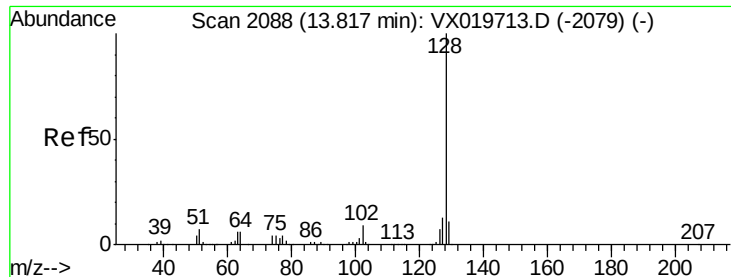
MMDadoda
 12/10/2020 9:31:40 AM



#94
 Hexachlorobutadiene
 Concen: 55.556 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019769.D
 Acq: 09 Dec 2020 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	114124		
223	62.0	31.1	93.2	
227	61.7	31.6	95.0	





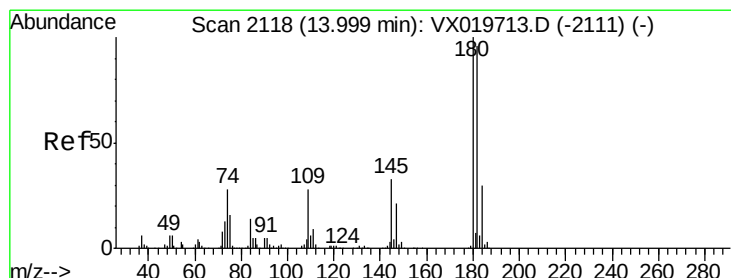
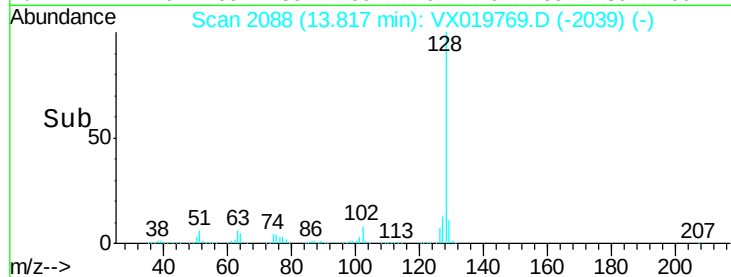
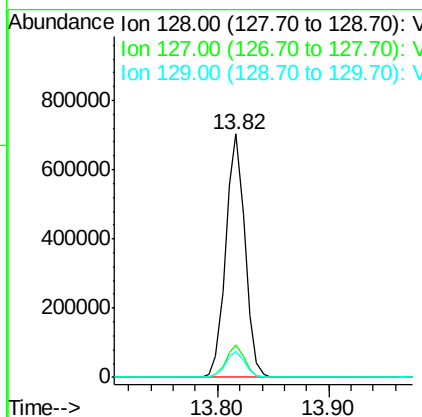
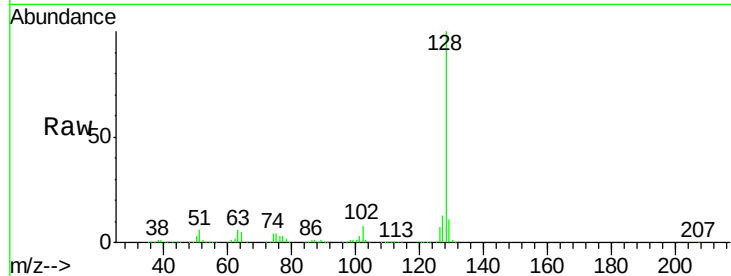
#95
Naphthalene
Concen: 55.808 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	831556		
127	13.1		10.3	15.5
129	10.9		8.8	13.2

Manual Integrations
APPROVED

MMDadoda
12/10/2020 9:31:40 AM



#96
1,2,3-Trichlorobenzene
Concen: 57.052 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019769.D
Acq: 09 Dec 2020 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	256257		
182	94.8		47.6	142.9
145	32.4		16.1	48.3

