

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062920\
 Data File : VX017009.D
 Acq On : 29 Jun 2020 15:21
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/30/2020 10:13:30 AM

Quant Time: Jun 29 17:05:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 16:54:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	287611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	454479	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	430393	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	219637	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	166587	46.98	ug/l	0.00
Spiked Amount			Recovery	=	93.96%	
35) Dibromofluoromethane	5.46	113	138905	48.32	ug/l	0.00
Spiked Amount			Recovery	=	96.64%	
50) Toluene-d8	8.70	98	505600	47.56	ug/l	0.00
Spiked Amount			Recovery	=	95.12%	
62) 4-Bromofluorobenzene	11.12	95	198816	47.84	ug/l	0.00
Spiked Amount			Recovery	=	95.68%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	139319	50.070	ug/l	100
3) Chloromethane	1.31	50	163754	48.620	ug/l	100
4) Vinyl Chloride	1.39	62	153336	49.069	ug/l	100
5) Bromomethane	1.62	94	82131	49.747	ug/l	100
6) Chloroethane	1.71	64	89279	48.375	ug/l	100
7) Trichlorofluoromethane	1.92	101	225426	48.777	ug/l	100
8) Diethyl Ether	2.17	74	79427	47.077	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	139273	50.280	ug/l	100
10) Methyl Iodide	2.49	142	191141	53.478	ug/l	100
11) Tert butyl alcohol	3.01	59	171768	253.941	ug/l	100
12) 1,1-Dichloroethene	2.36	96	140851	49.499	ug/l	100
13) Acrolein	2.27	56	100387	248.271	ug/l	100
14) Allyl chloride	2.71	41	257782	49.020	ug/l	100
15) Acrylonitrile	3.12	53	409947	252.111	ug/l	100
16) Acetone	2.42	43	328347	247.547	ug/l	100
17) Carbon Disulfide	2.55	76	415382	47.660	ug/l	100
18) Methyl Acetate	2.75	43	172673	49.868	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	484062	50.687	ug/l	100
20) Methylene Chloride	2.84	84	162770	48.012	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	156675	49.615	ug/l	100
22) Diisopropyl ether	3.82	45	500252	51.397	ug/l	100
23) Vinyl Acetate	3.79	43	2209678	264.200	ug/l	100
24) 1,1-Dichloroethane	3.67	63	277752	50.154	ug/l	100
25) 2-Butanone	4.64	43	567354	256.706	ug/l	100
26) 2,2-Dichloropropane	4.55	77	243781	49.577	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	178098	49.776	ug/l	100
28) Bromochloromethane	4.98	49	132541	49.182	ug/l	100
29) Tetrahydrofuran	5.09	42	380770	260.752	ug/l	100
30) Chloroform	5.18	83	284364	50.090	ug/l	100
31) Cyclohexane	5.55	56	245926	51.374	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	261063	49.932	ug/l	100
36) 1,1-Dichloropropene	5.77	75	213862	49.789	ug/l	100
37) Ethyl Acetate	4.79	43	227765	52.262	ug/l	100
38) Carbon Tetrachloride	5.75	117	236997	50.094	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	245583	51.386	ug/l	100
40) Benzene	6.12	78	630189	49.934	ug/l	100
41) Methacrylonitrile	5.00	41	123771	50.460	ug/l	100
42) 1,2-Dichloroethane	6.17	62	227612	49.930	ug/l	100
43) Isopropyl Acetate	6.41	43	366531	50.612	ug/l	100
44) Trichloroethene	7.19	130	182894	48.114	ug/l	100
45) 1,2-Dichloropropane	7.49	63	160912	49.641	ug/l	100
46) Dibromomethane	7.64	93	110883	50.105	ug/l	100
47) Bromodichloromethane	7.88	83	231779	50.821	ug/l	100
48) Methyl methacrylate	7.74	41	183457	53.321	ug/l	100
49) 1,4-Dioxane	7.71	88	80039	1026.850	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1129428	261.629	ug/l	100
52) Toluene	8.76	92	399432	50.692	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	256694	51.013	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	275072	50.994	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	160677	49.910	ug/l	100
56) Ethyl methacrylate	9.16	69	245077	53.484	ug/l	100
57) 1,3-Dichloropropane	9.35	76	271991	49.930	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	626354	274.654	ug/l	100
59) 2-Hexanone	9.47	43	840076	266.455	ug/l	100
60) Dibromochloromethane	9.57	129	189195	50.598	ug/l	100
61) 1,2-Dibromoethane	9.65	107	174453	50.413	ug/l	100
64) Tetrachloroethene	9.32	164	171871	49.480	ug/l	100
65) Chlorobenzene	10.12	112	439303	49.454	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	170074	49.680	ug/l	100
67) Ethyl Benzene	10.23	91	768615	51.812	ug/l	100
68) m/p-Xylenes	10.34	106	595461	104.539	ug/l	100
69) o-Xylene	10.68	106	280660	51.795	ug/l	100
70) Styrene	10.70	104	494438	53.584	ug/l	100
71) Bromoform	10.84	173	144559	53.250	ug/l	# 100
73) Isopropylbenzene	11.00	105	760266	52.846	ug/l	100
74) N-amyl acetate	10.88	43	336317	54.787	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	228087	50.402	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	227127m	41.990	ug/l	
77) Bromobenzene	11.24	156	199879	50.552	ug/l	100
78) n-propylbenzene	11.34	91	860988	52.923	ug/l	100
79) 2-Chlorotoluene	11.40	91	516807	52.489	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	638907	53.540	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	89140	53.447	ug/l	100
82) 4-Chlorotoluene	11.49	91	611624	51.963	ug/l	100
83) tert-Butylbenzene	11.76	119	625356	53.384	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	655137	54.116	ug/l	100
85) sec-Butylbenzene	11.93	105	735368	53.405	ug/l	100
86) p-Isopropyltoluene	12.05	119	699654	54.581	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	350441	48.800	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	358097	49.584	ug/l	100
89) n-Butylbenzene	12.37	91	599658	52.391	ug/l	100
90) Hexachloroethane	12.58	117	130970	51.811	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	337602	50.295	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	53032	49.124	ug/l	100

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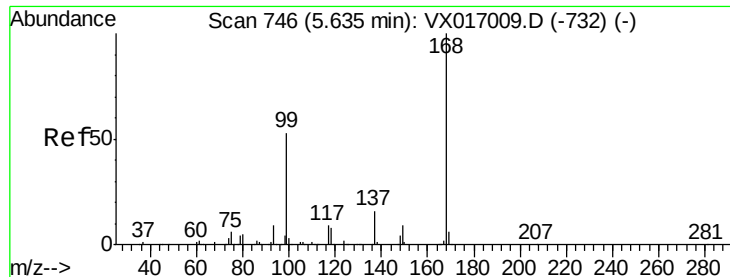
Manual Integrations
APPROVED

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	231230	50.469	ug/l	100
94) Hexachlorobutadiene	13.77	225	88880	47.964	ug/l	100
95) Naphthalene	13.82	128	759862	54.553	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	227446	51.297	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX017009.D

Acq: 29 Jun 2020 15:21

Instrument :

MSVOA_X

ClientSampled :

VSTDICCC050

Tot Ion:168 Resp: 287611

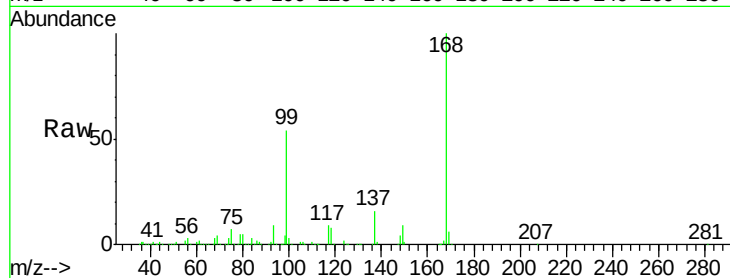
Ion Ratio Lower Upper

168 100

99 53.3 42.6 64.0

Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

120000

100000

80000

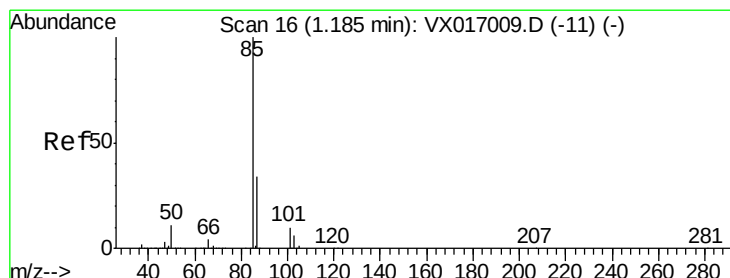
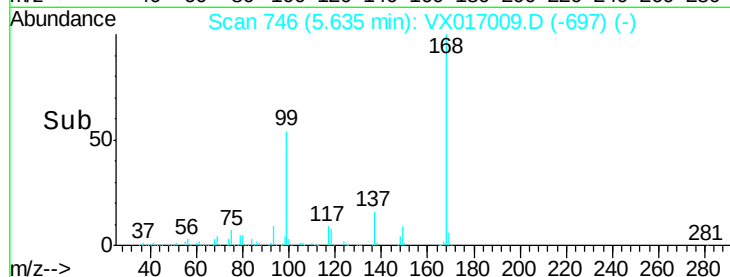
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.070 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017009.D

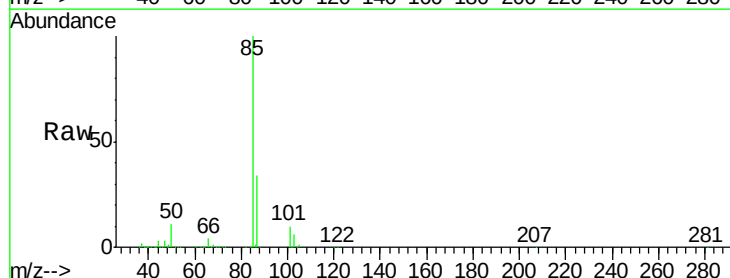
Acq: 29 Jun 2020 15:21

Tgt Ion: 85 Resp: 139319

Ion Ratio Lower Upper

85 100

87 33.6 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

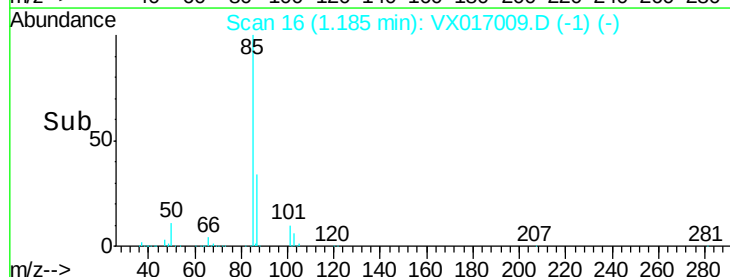
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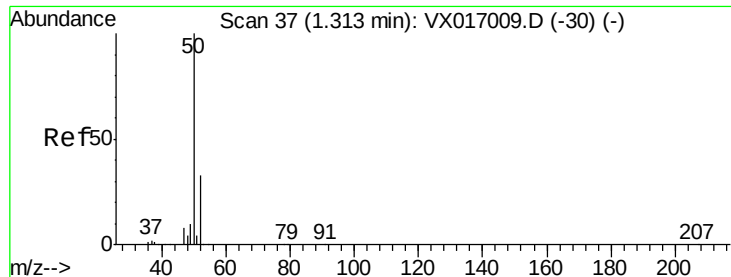
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50000

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Time-->





#3

Chloromethane

Concen: 48.620 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX017009.D

Acq: 29 Jun 2020 15:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 163754

Ion Ratio Lower Upper

50 100

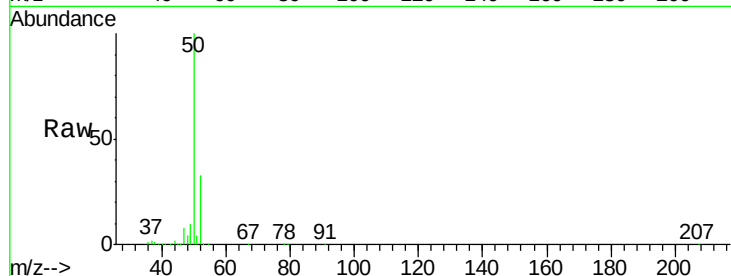
52 32.6 26.1 39.1

Manual Integrations

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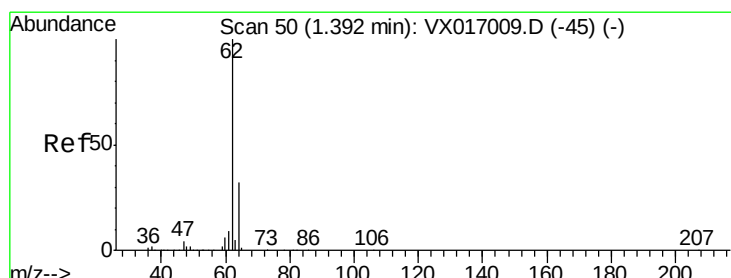
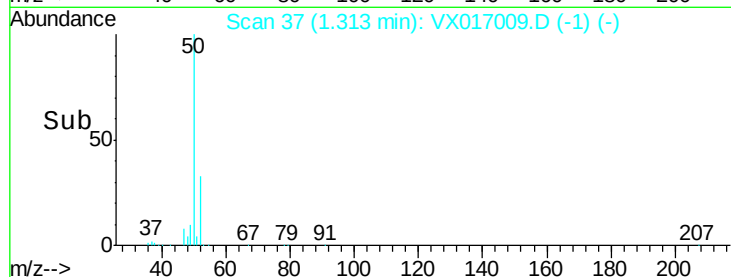
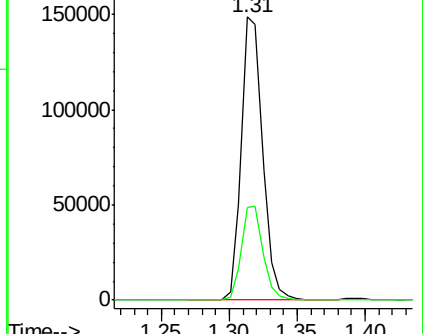
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.069 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017009.D

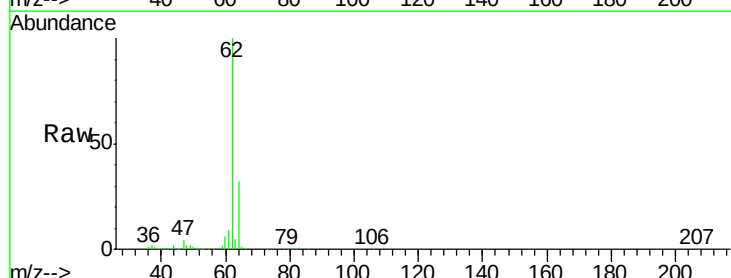
Acq: 29 Jun 2020 15:21

Tgt Ion: 62 Resp: 153336

Ion Ratio Lower Upper

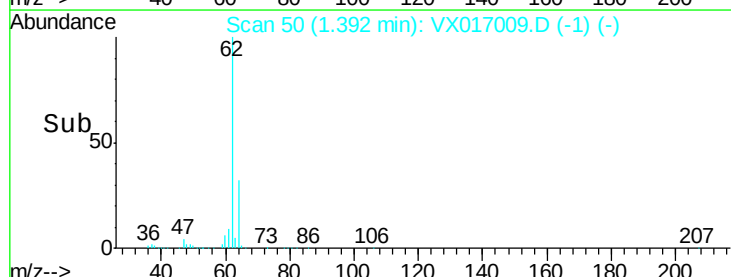
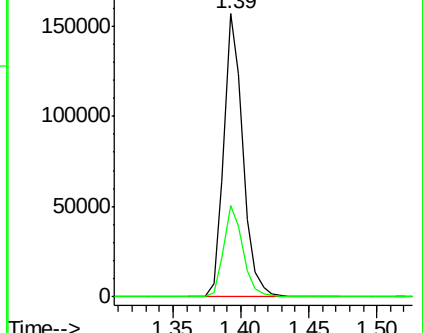
62 100

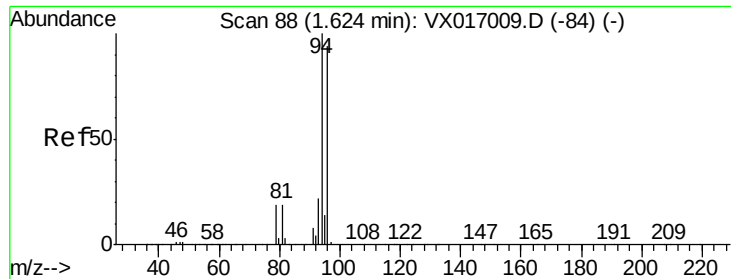
64 32.4 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 49.747 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX017009.D

Acq: 29 Jun 2020 15:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 82131

Ion Ratio Lower Upper

94 100

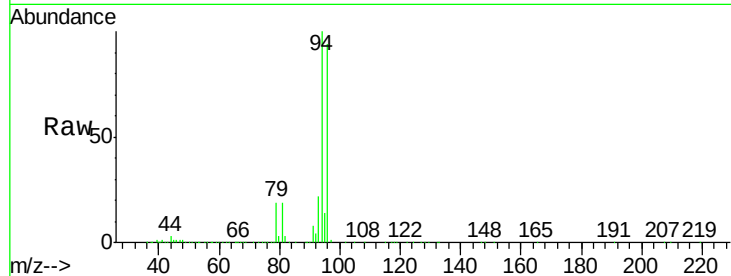
96 93.7 75.0 112.4

Manual Integrations

APPROVED

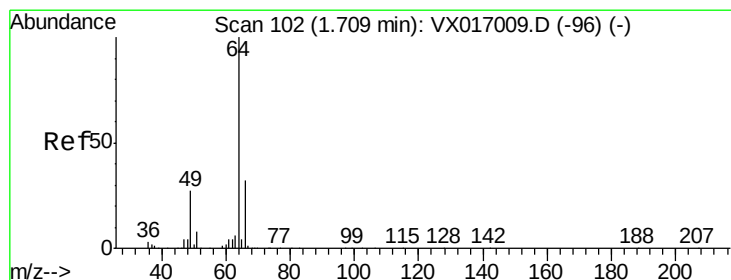
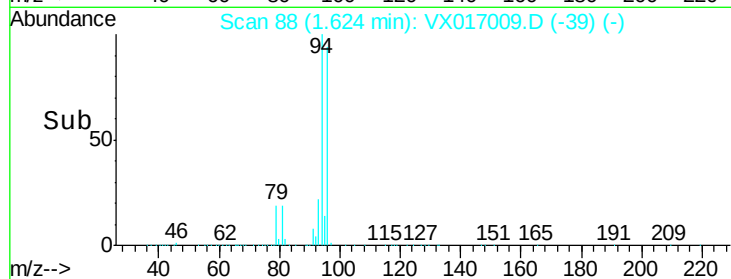
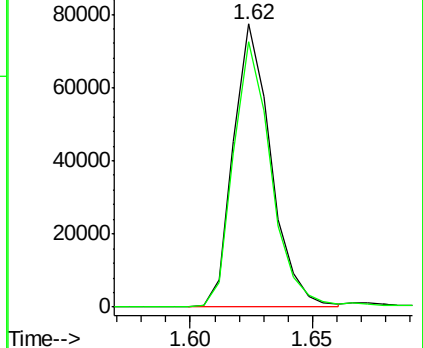
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.375 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX017009.D

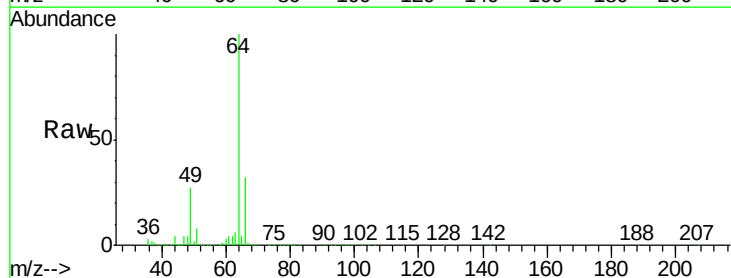
Acq: 29 Jun 2020 15:21

Tgt Ion: 64 Resp: 89279

Ion Ratio Lower Upper

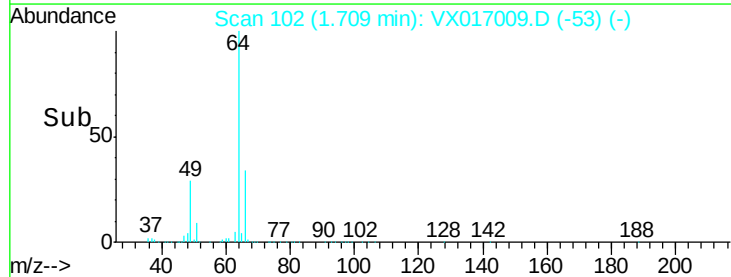
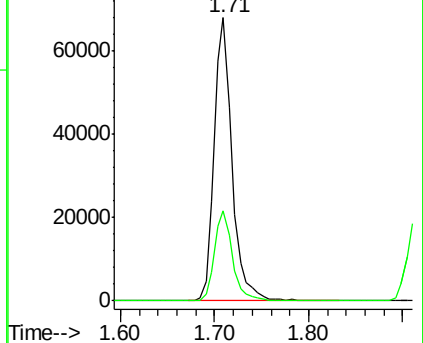
64 100

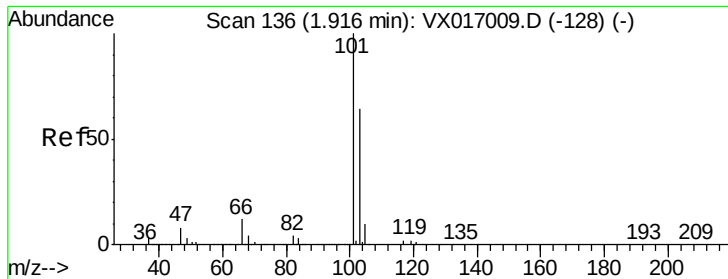
66 31.9 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

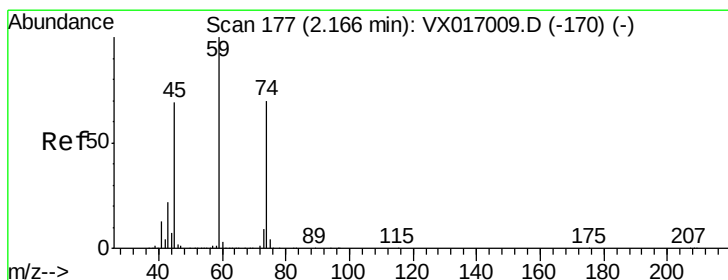
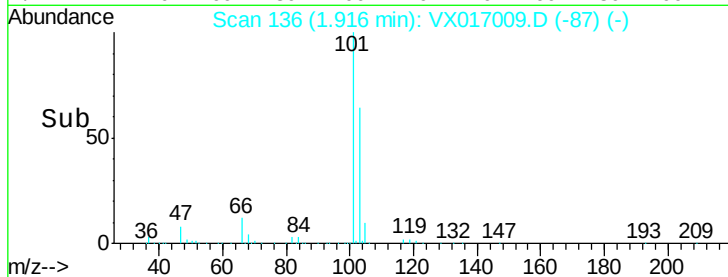
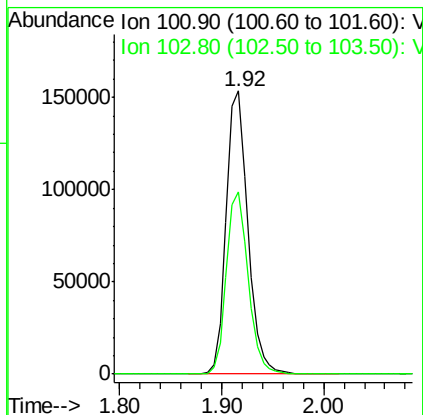
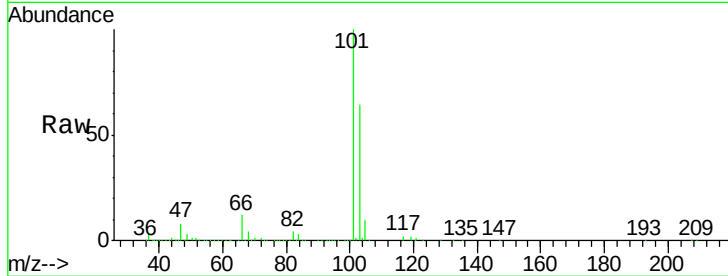
Trichlorofluoromethane
Concen: 48.777 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.5	77.3

Manual Integrations
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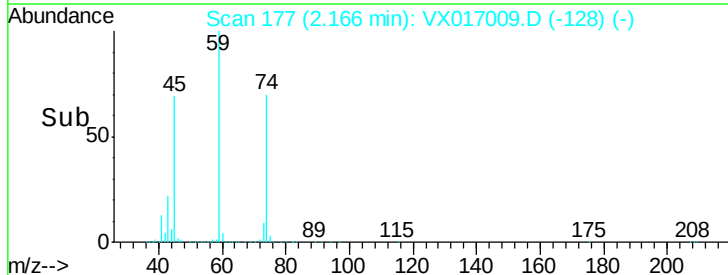
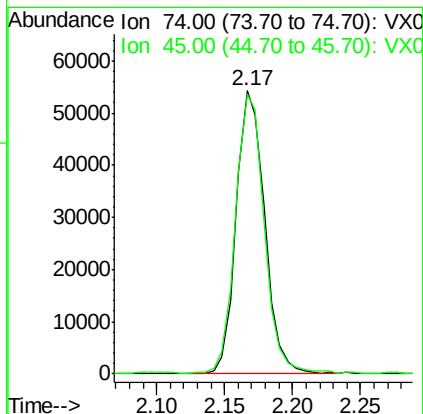
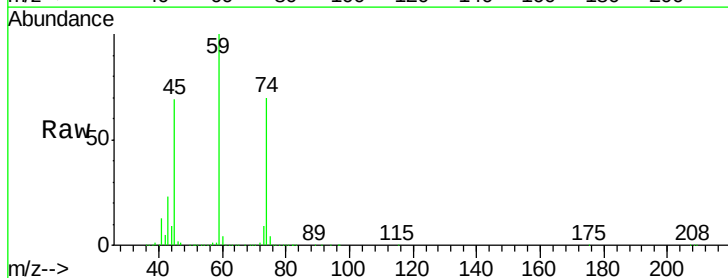
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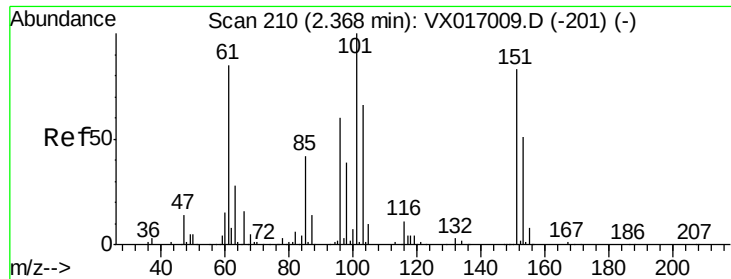


#8

Diethyl Ether
Concen: 47.077 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX017009.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.5	49.8	149.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.280 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX017009.D

Acq: 29 Jun 2020 15:21

Instrument :

MSVOA_X

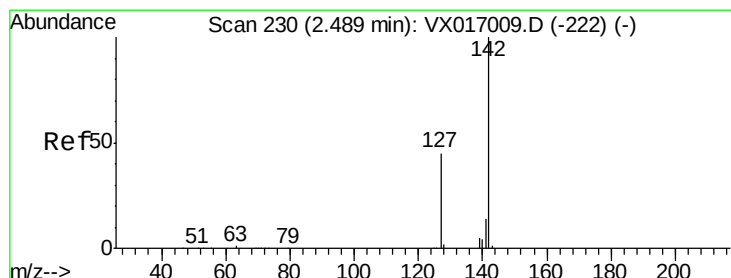
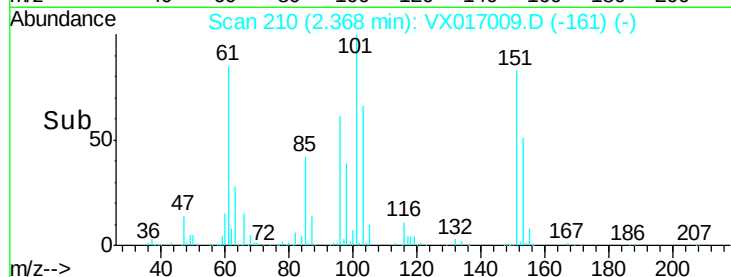
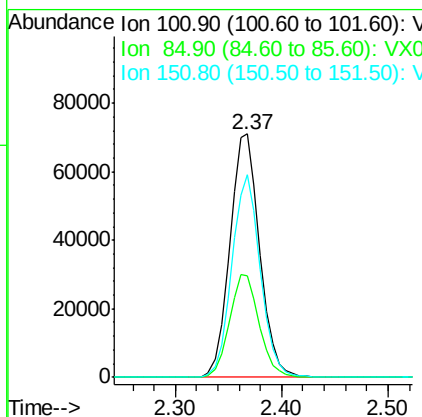
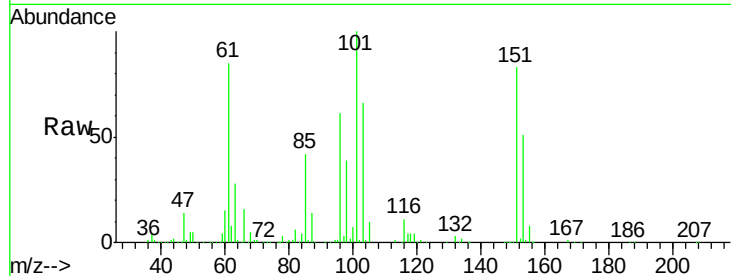
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	139273
Ion Ratio	Lower	Upper	
101	100		
85	41.9	33.5	50.3
151	79.7	63.8	95.6

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#10

Methyl Iodide

Concen: 53.478 ug/l

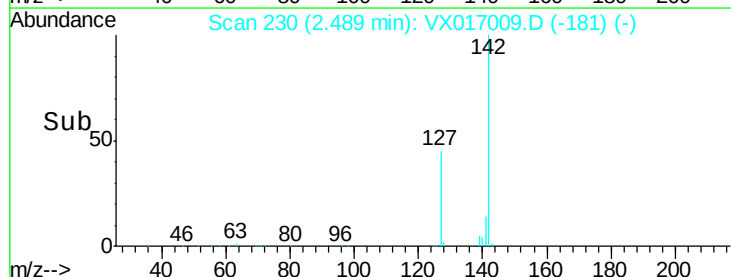
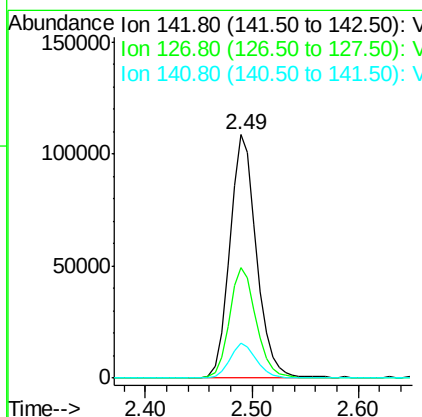
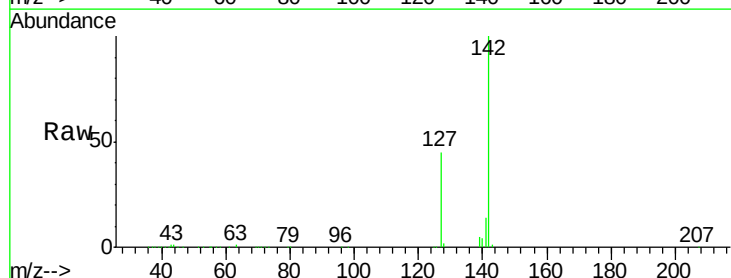
RT: 2.49 min Scan# 230

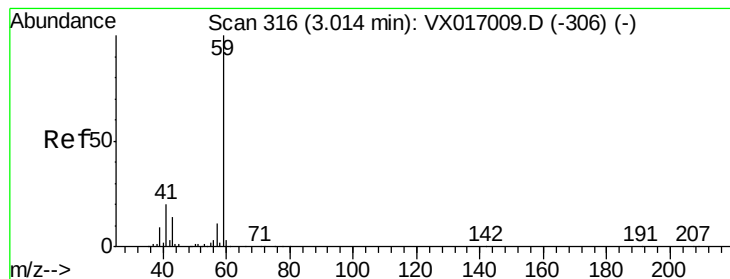
Delta R.T. 0.00 min

Lab File: VX017009.D

Acq: 29 Jun 2020 15:21

Tgt Ion:	142	Resp:	191141
Ion Ratio	Lower	Upper	
142	100		
127	45.7	36.6	54.8
141	14.5	11.6	17.4





#11

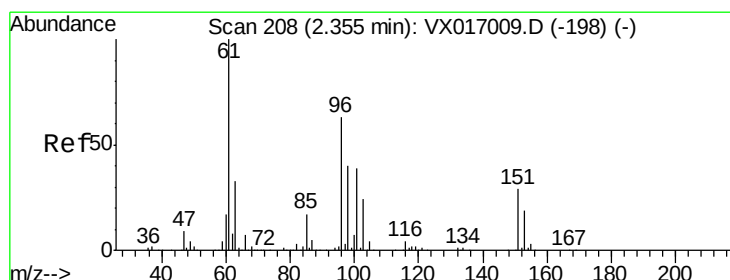
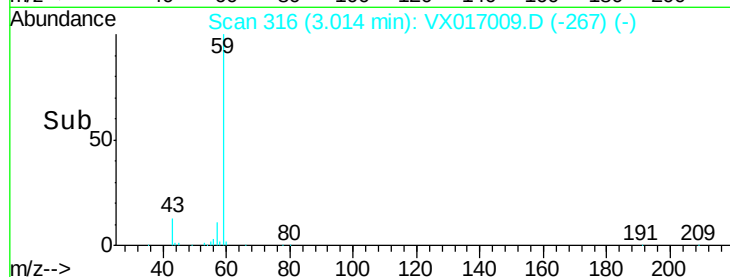
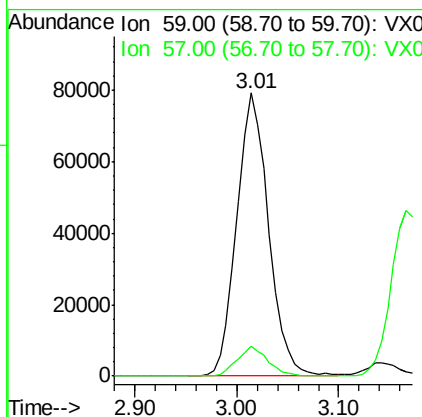
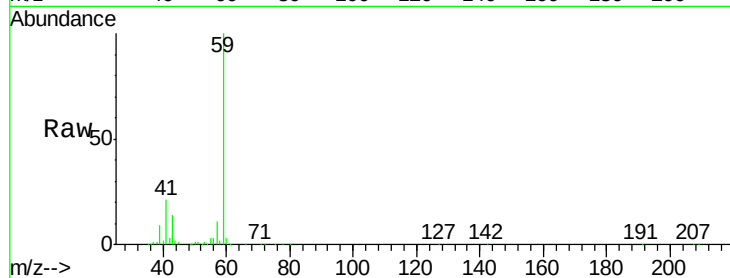
Tert butyl alcohol
Concen: 253.941 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.2

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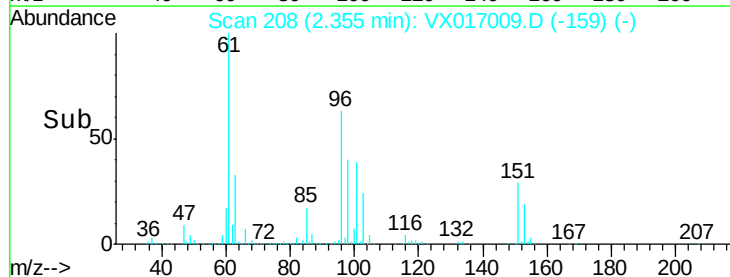
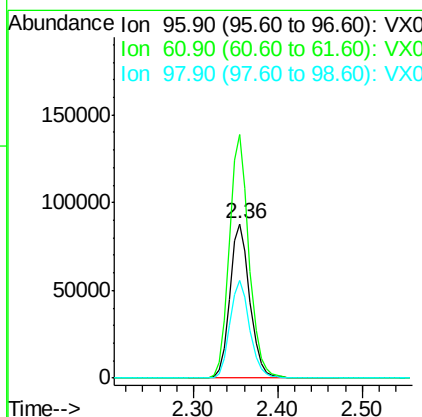
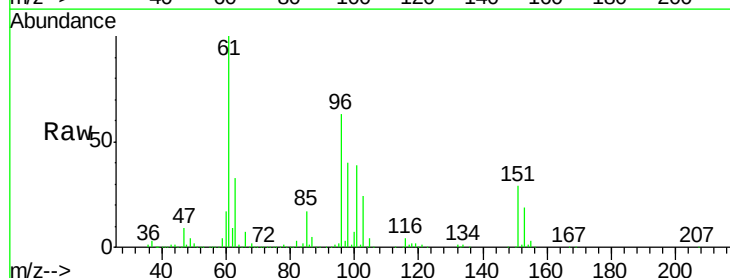
MMDadoda
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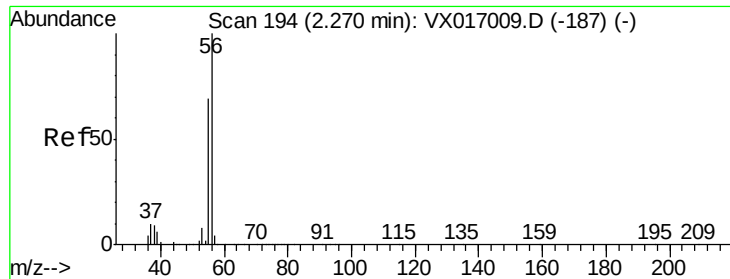


#12

1,1-Dichloroethene
Concen: 49.499 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.9	126.3	189.5
98	63.8	51.0	76.6





#13

Acrolein

Concen: 248.271 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX017009.D

Acq: 29 Jun 2020 15:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 100387

Ion Ratio Lower Upper

56 100

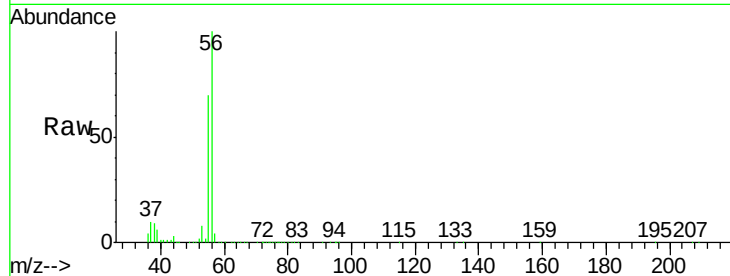
55 69.6 55.7 83.5

Manual Integrations

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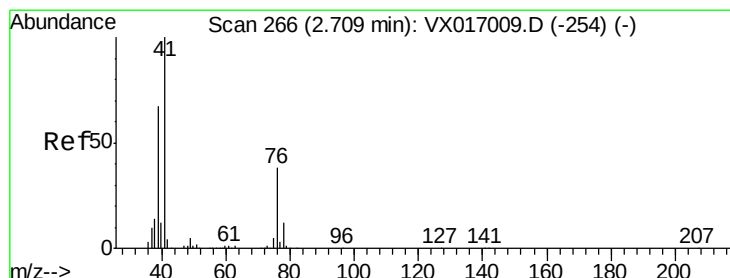
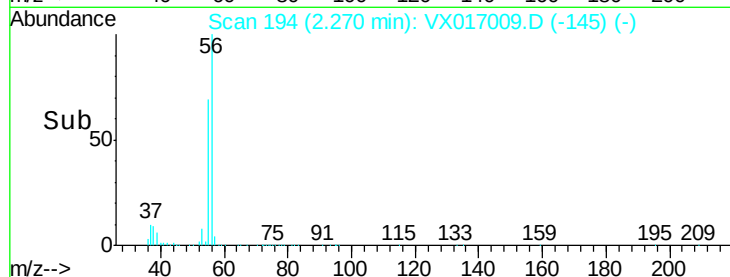
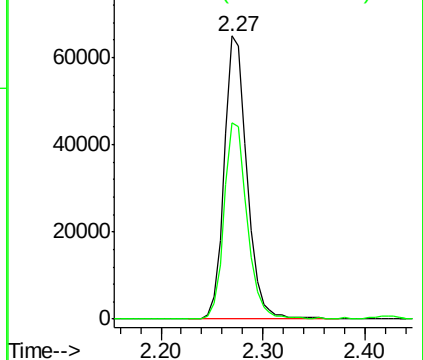
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 49.020 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX017009.D

Acq: 29 Jun 2020 15:21

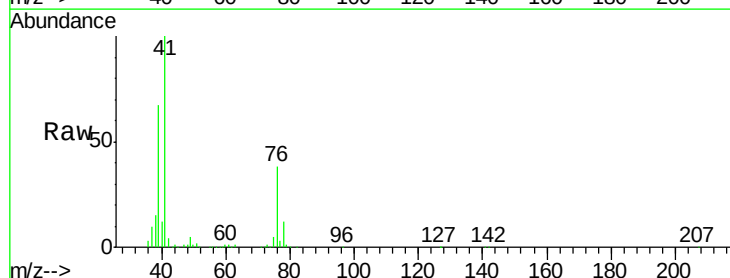
Tgt Ion: 41 Resp: 257782

Ion Ratio Lower Upper

41 100

39 61.8 49.4 74.2

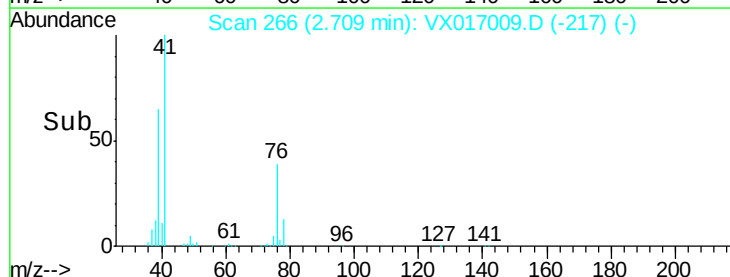
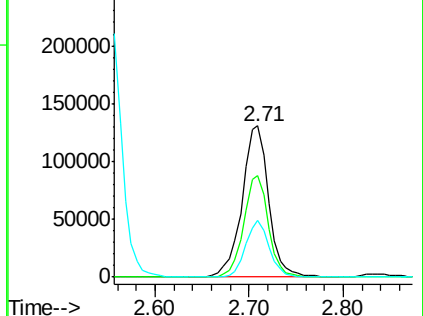
76 33.5 26.8 40.2

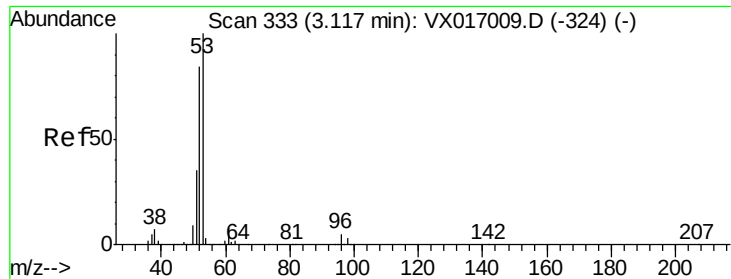


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 252.111 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017009.D

Acq: 29 Jun 2020 15:21

Instrument :

MSVOA_X

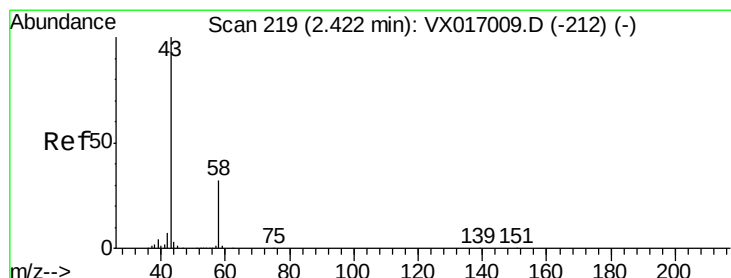
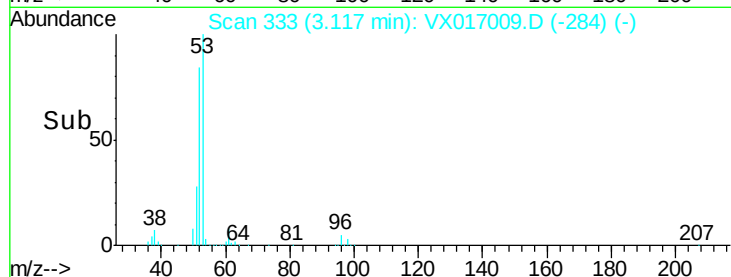
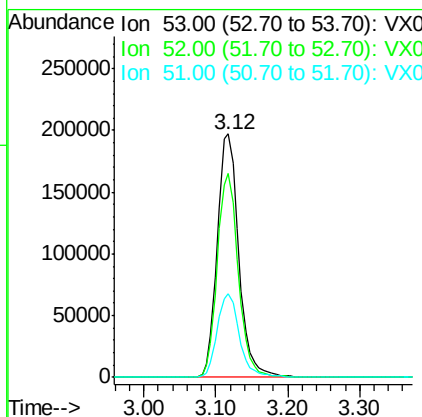
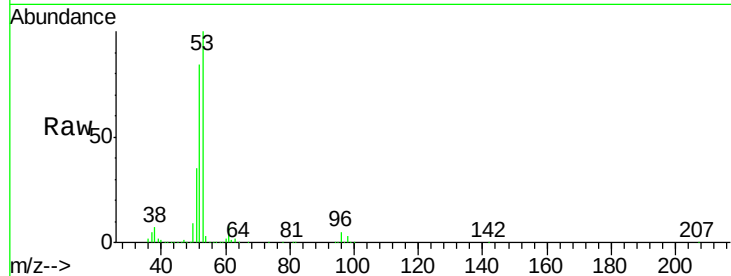
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	409947
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.6	98.4
51	35.4	28.3	42.5

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#16

Acetone

Concen: 247.547 ug/l

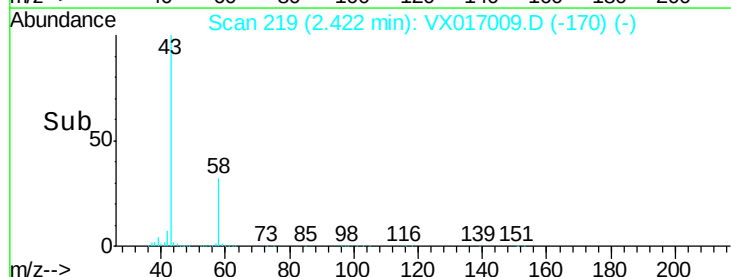
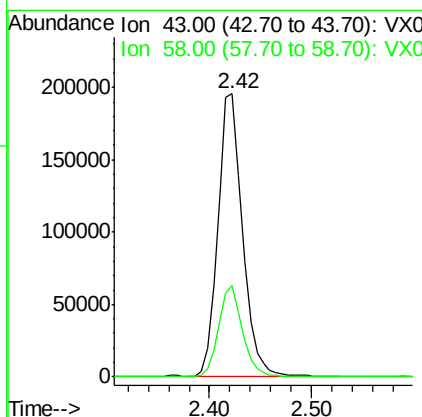
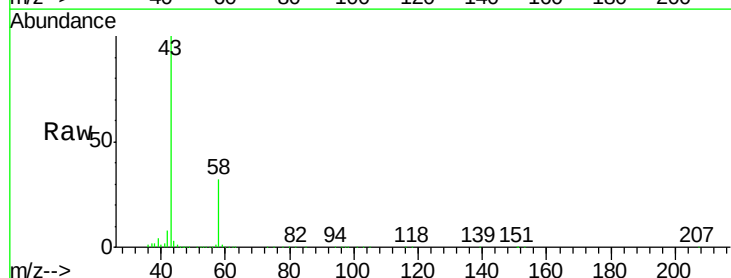
RT: 2.42 min Scan# 219

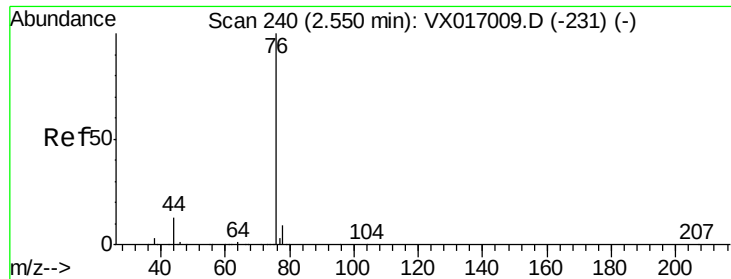
Delta R.T. 0.00 min

Lab File: VX017009.D

Acq: 29 Jun 2020 15:21

Tgt Ion:	43	Resp:	328347
Ion	Ratio	Lower	Upper
43	100		
58	32.1	25.7	38.5





#17

Carbon Disulfide

Concen: 47.660 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017009.D

Acq: 29 Jun 2020 15:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 415382

Ion Ratio Lower Upper

76 100

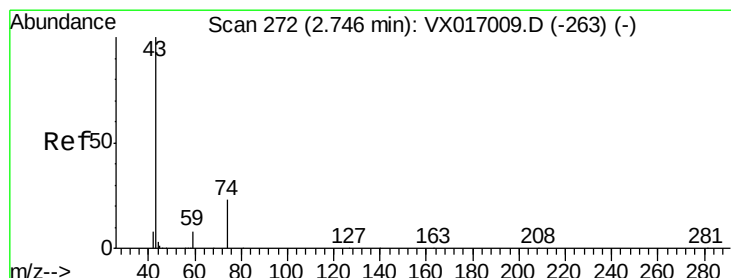
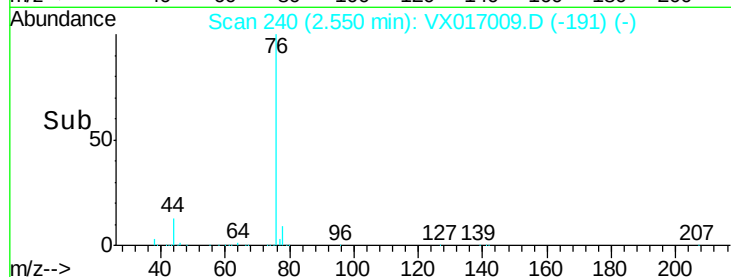
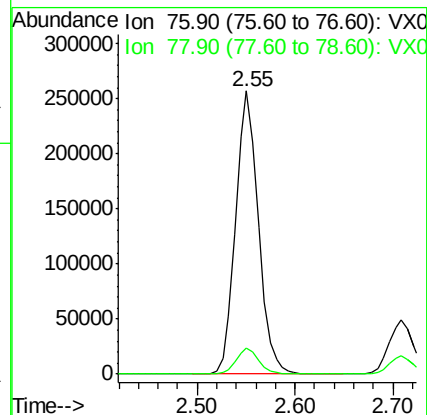
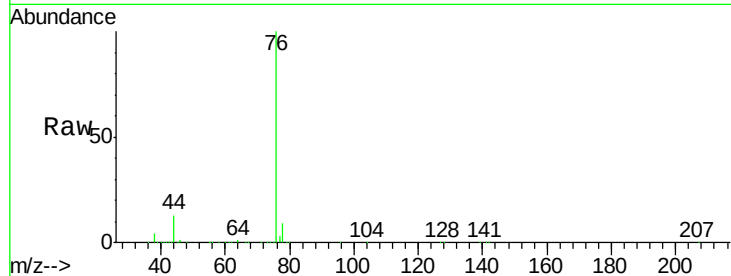
78 9.0 7.2 10.8

Manual Integrations

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#18

Methyl Acetate

Concen: 49.868 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX017009.D

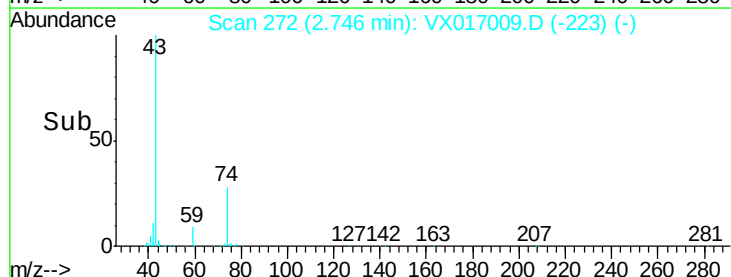
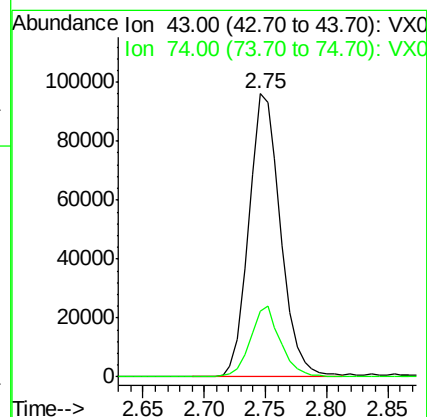
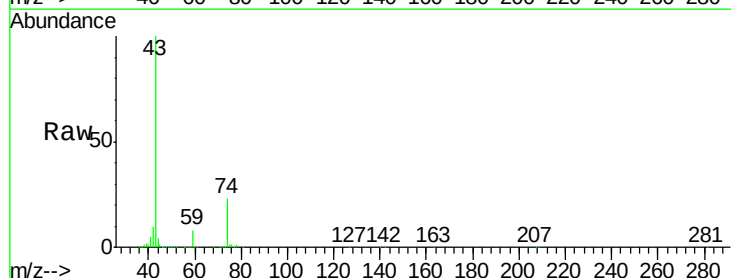
Acq: 29 Jun 2020 15:21

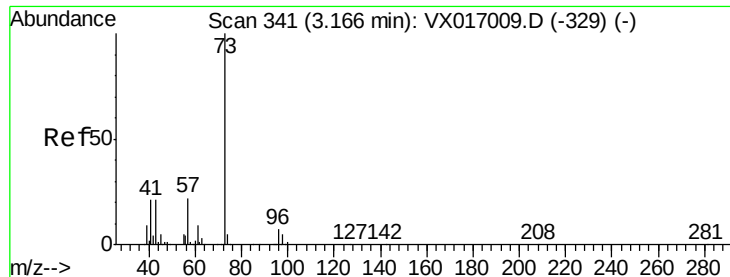
Tgt Ion: 43 Resp: 172673

Ion Ratio Lower Upper

43 100

74 24.1 19.3 28.9





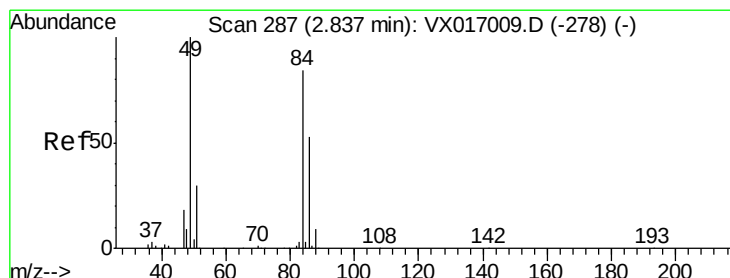
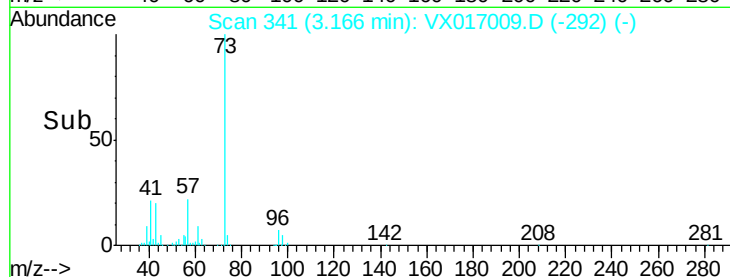
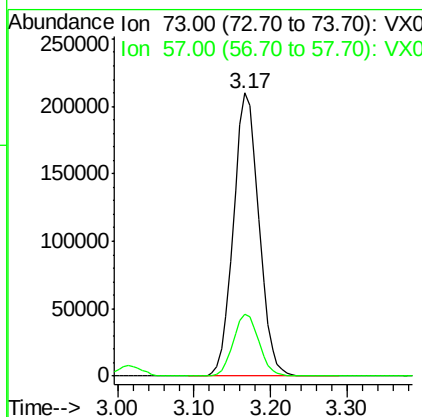
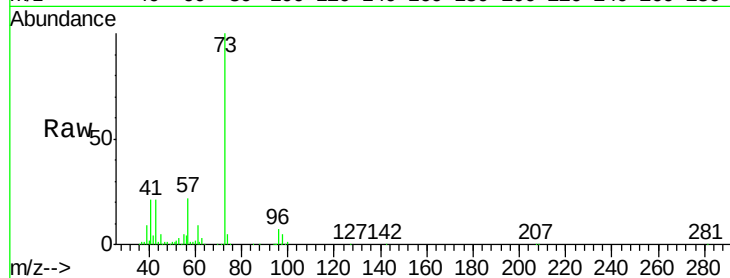
#19
Methyl tert-butyl Ether
Concen: 50.687 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 484062
Ion Ratio Lower Upper
73 100
57 22.0 17.6 26.4

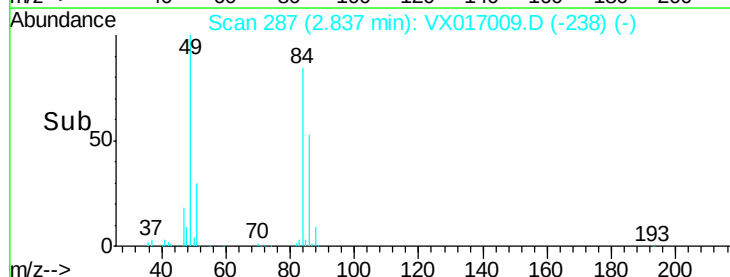
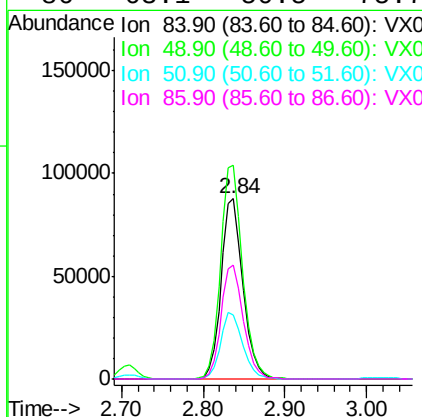
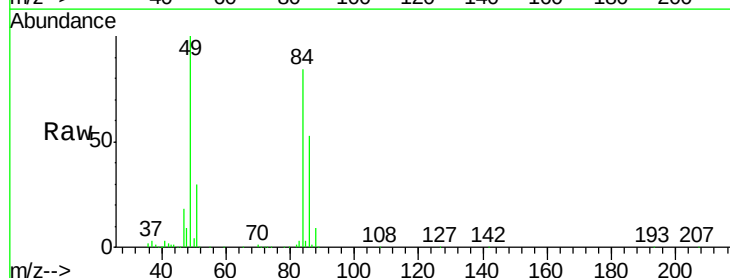
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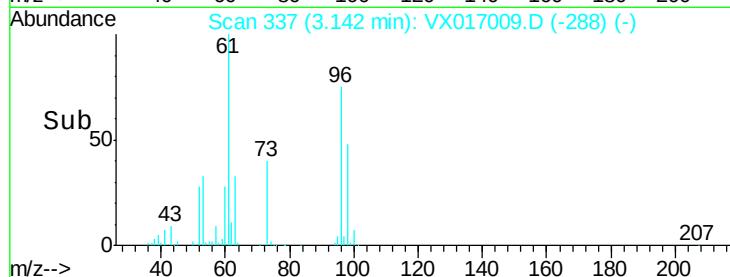
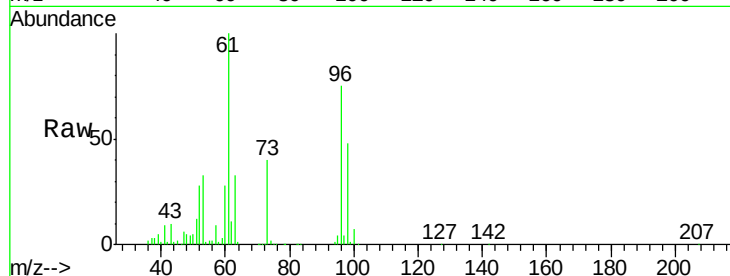
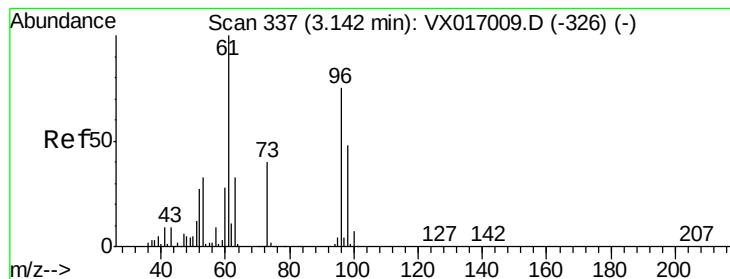
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#20
Methylene Chloride
Concen: 48.012 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Tgt Ion: 84 Resp: 162770
Ion Ratio Lower Upper
84 100
49 118.4 94.7 142.1
51 35.7 28.6 42.8
86 63.1 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 49.615 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017009.D

Acq: 29 Jun 2020 15:21

Tot Ion:	96	Resp:	156675
Ion	Ratio	Lower	Upper
96	100		
61	133.8	107.0	160.6
98	64.5	51.6	77.4

Instrument :

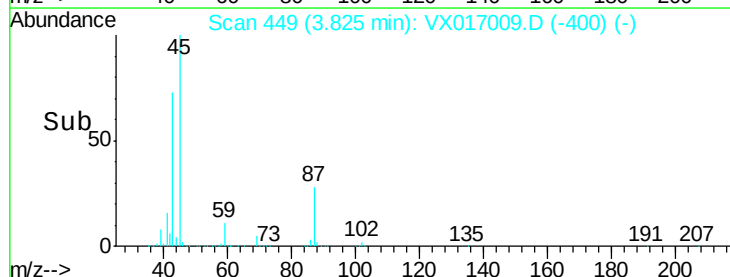
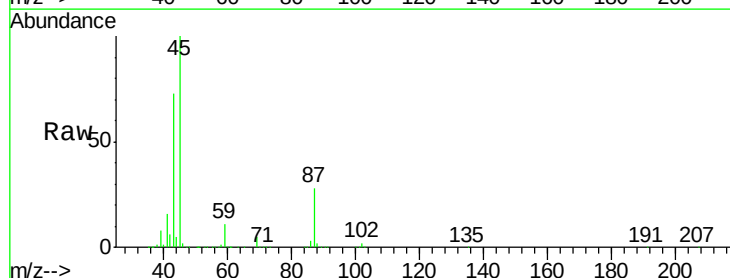
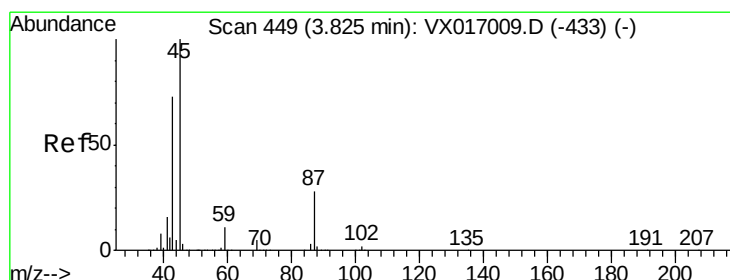
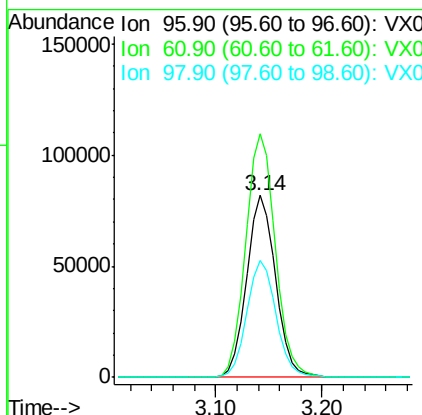
MSVOA_X

ClientSampleId :

VSTDICCC050

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#22

Diisopropyl ether

Concen: 51.397 ug/l

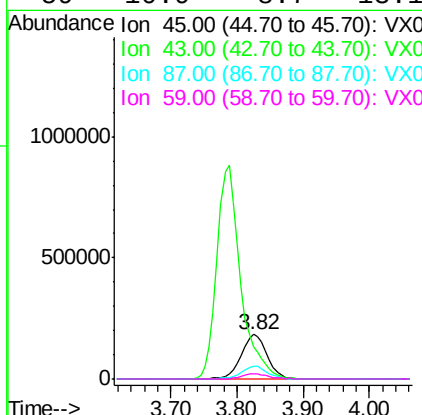
RT: 3.82 min Scan# 449

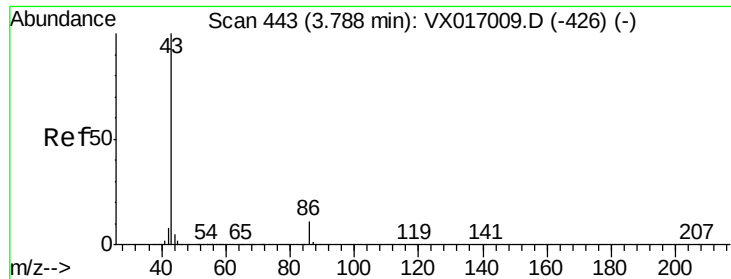
Delta R.T. 0.00 min

Lab File: VX017009.D

Acq: 29 Jun 2020 15:21

Tgt Ion:	45	Resp:	500252
Ion	Ratio	Lower	Upper
45	100		
43	73.3	58.6	88.0
87	28.3	22.6	34.0
59	10.9	8.7	13.1





#23

Vinyl Acetate

Concen: 264.200 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017009.D

Acq: 29 Jun 2020 15:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 2209678

Ion Ratio Lower Upper

43 100

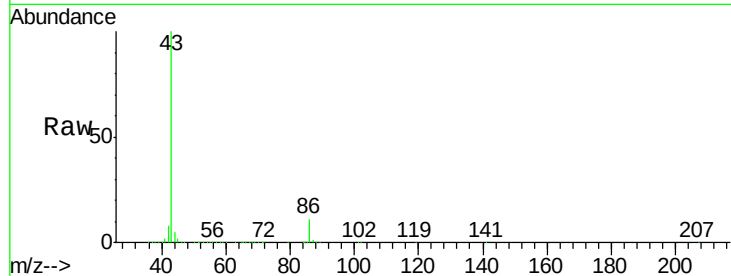
86 10.8 8.6 13.0

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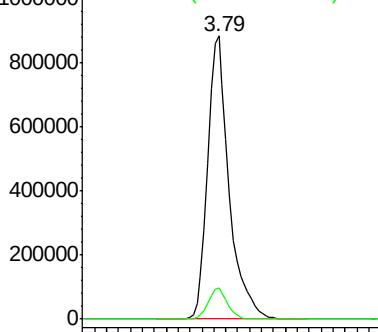
MMDadoda

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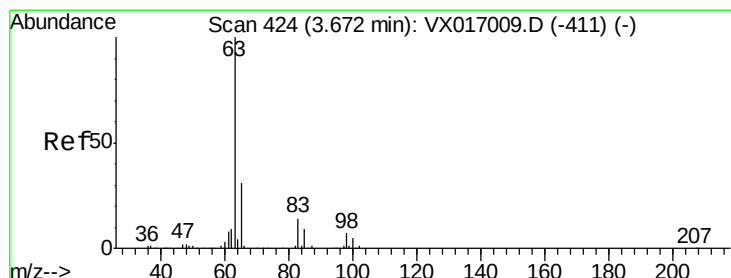
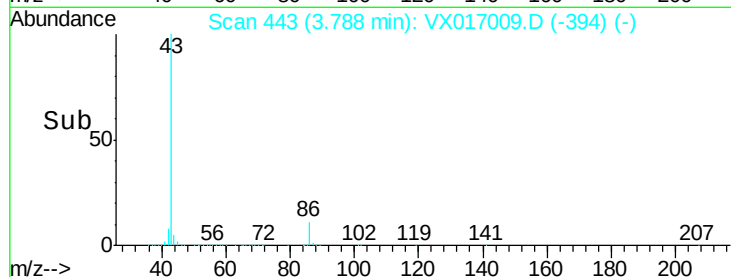


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 50.154 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017009.D

Acq: 29 Jun 2020 15:21

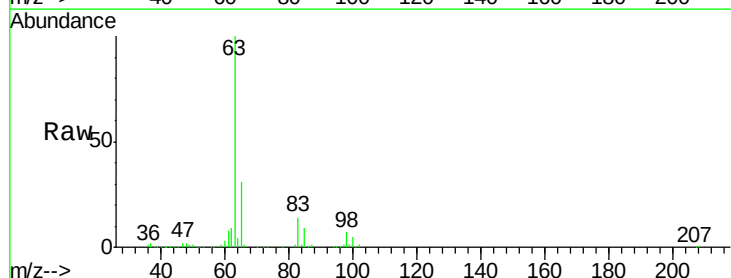
Tgt Ion: 63 Resp: 277752

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

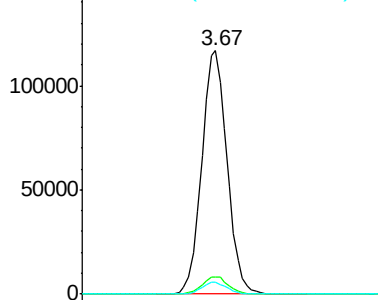
100 4.7 2.4 7.1



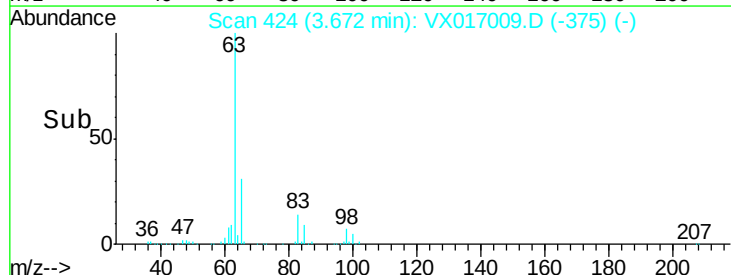
Abundance Ion 62.90 (62.60 to 63.60): VX0

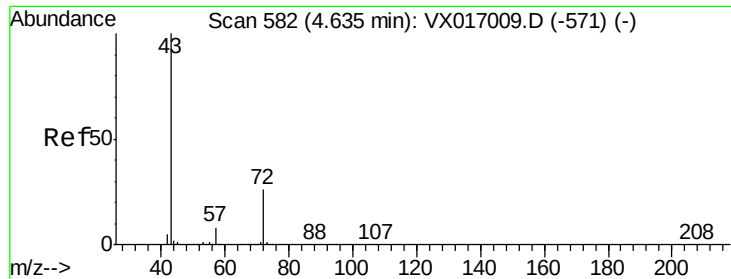
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 256.706 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX017009.D

Acq: 29 Jun 2020 15:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 567354

Ion Ratio Lower Upper

43 100

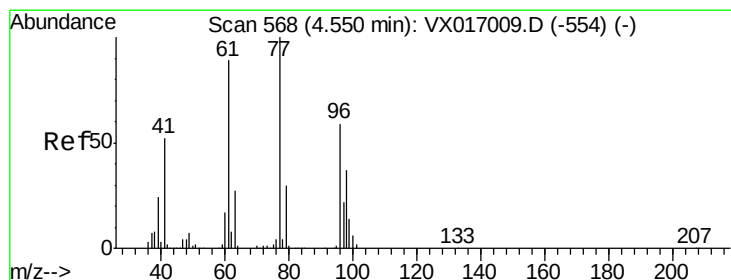
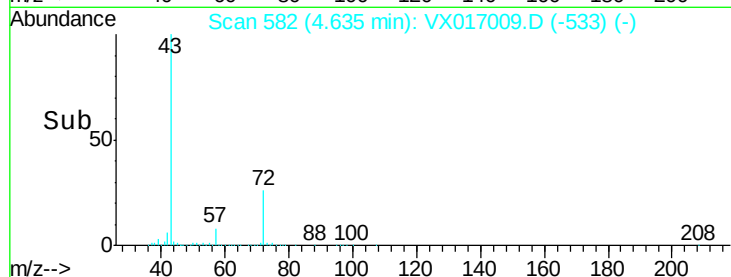
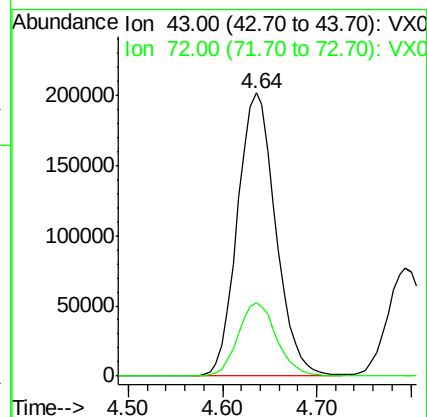
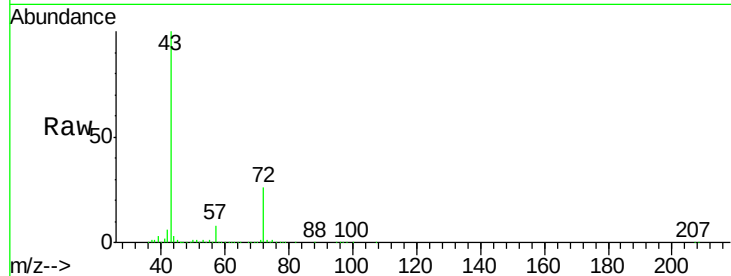
72 26.0 20.8 31.2

Manual Integrations

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6/30/2020 10:13:30 AM



#26

2,2-Dichloropropane

Concen: 49.577 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX017009.D

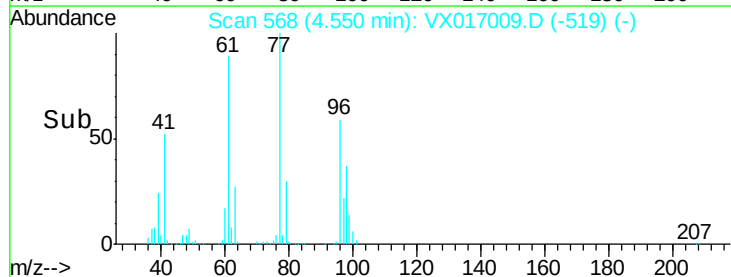
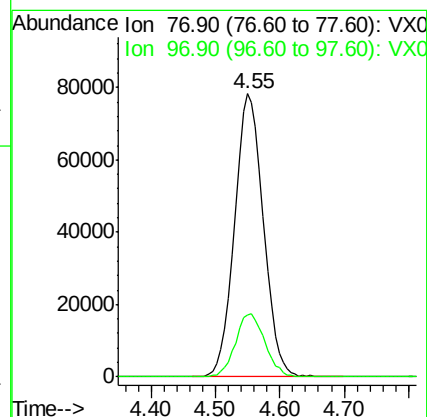
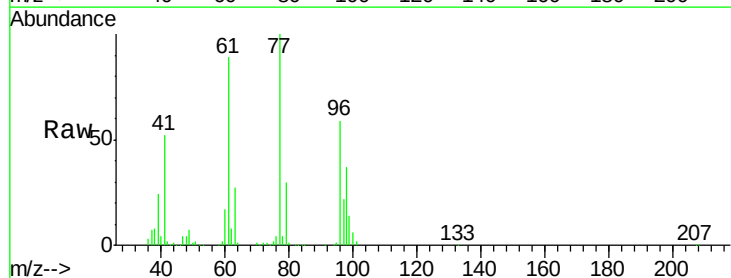
Acq: 29 Jun 2020 15:21

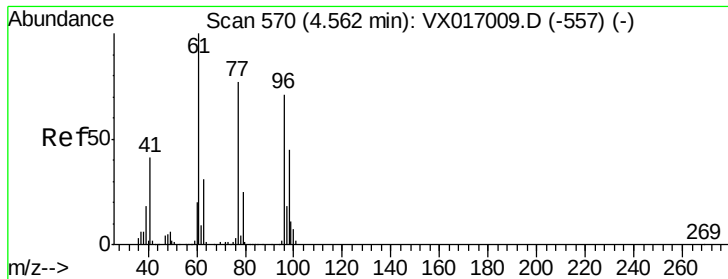
Tgt Ion: 77 Resp: 243781

Ion Ratio Lower Upper

77 100

97 22.8 11.4 34.2





#27

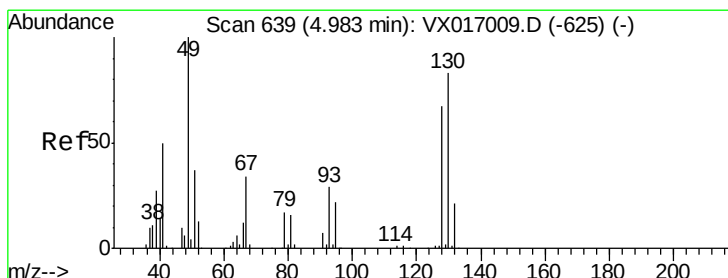
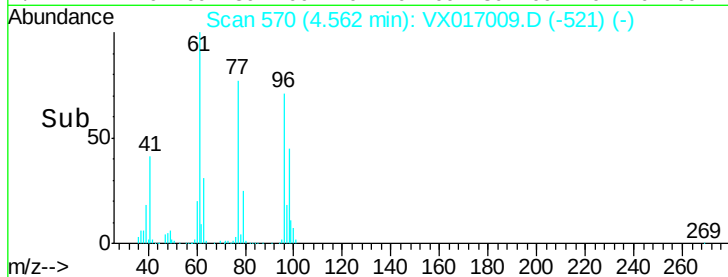
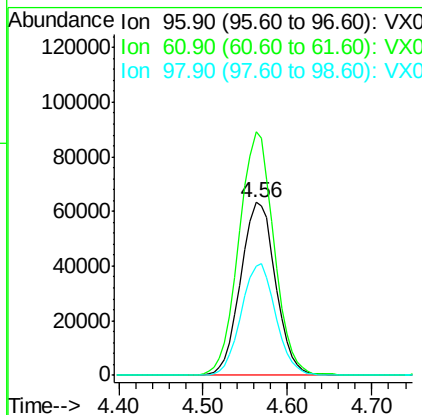
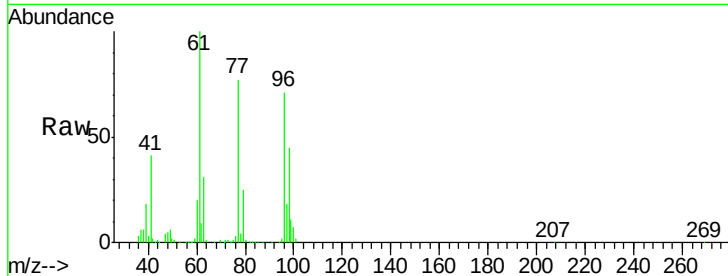
cis-1,2-Dichloroethene
Concen: 49.776 ug/l
RT: 4.56 min Scan# 570
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	178098		
61	141.4	0.0	282.8	
98	63.8	0.0	127.6	

Manual Integrations
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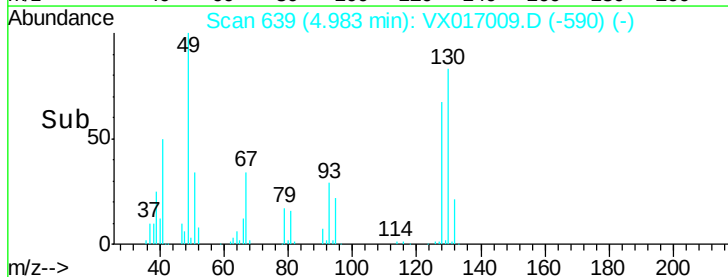
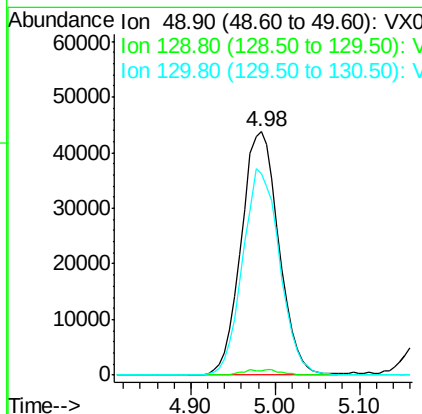
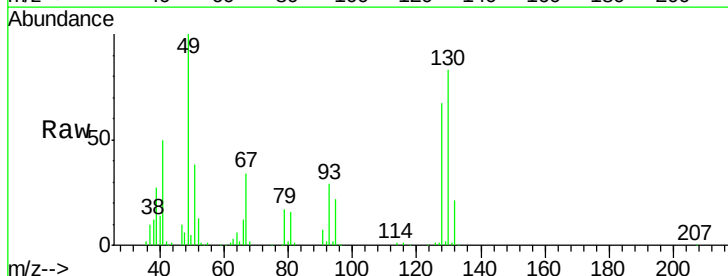
MMDadoda
6/30/2020 10:13:30 AM

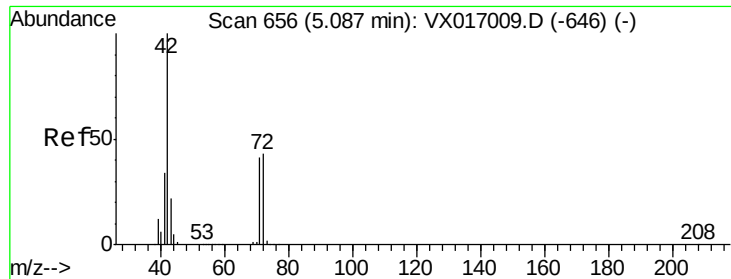


#28

Bromochloromethane
Concen: 49.182 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	132541		
129	2.1	0.0	4.2	
130	83.3	66.6	100.0	





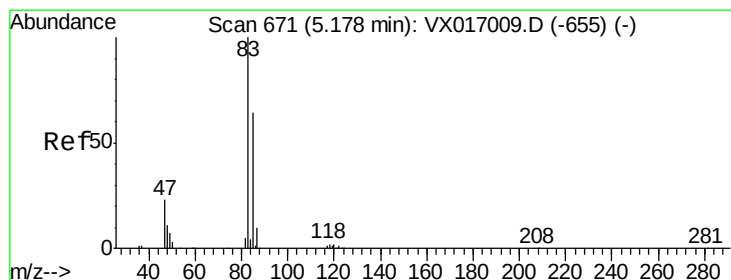
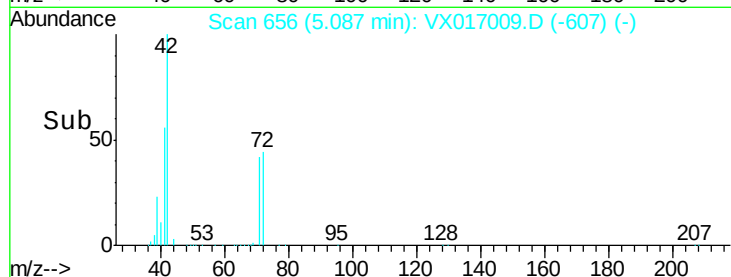
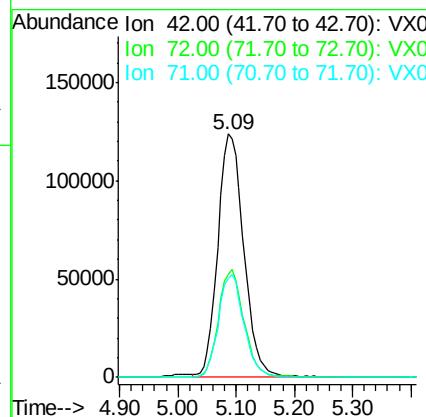
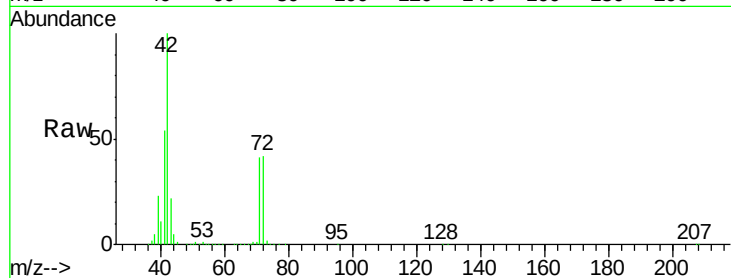
#29
Tetrahydrofuran
Concen: 260.752 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.1	35.3	52.9
71	41.4	33.1	49.7

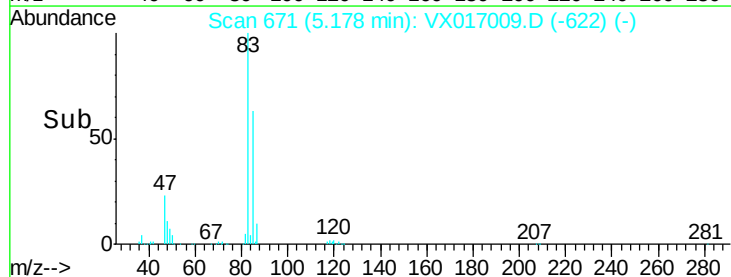
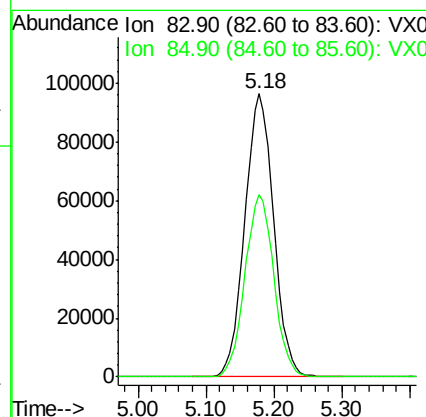
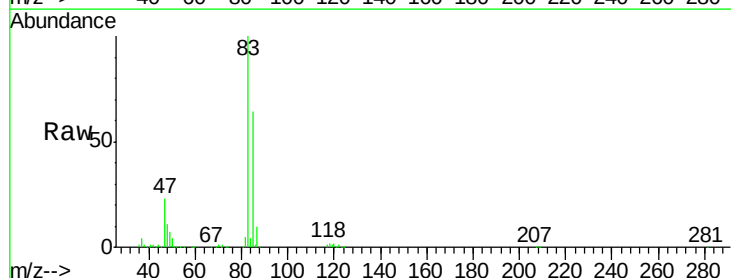
Manual Integrations
APPROVED

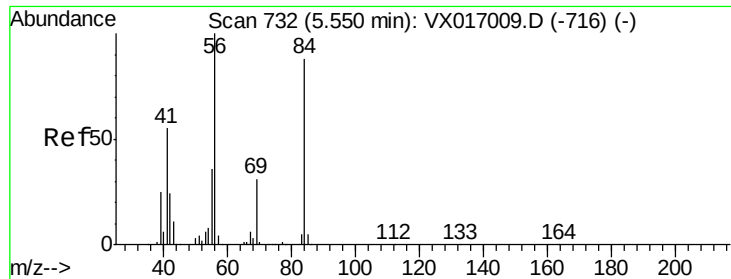
MMDadoda
6/30/2020 10:13:30 AM



#30
Chloroform
Concen: 50.090 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	51.4	77.2





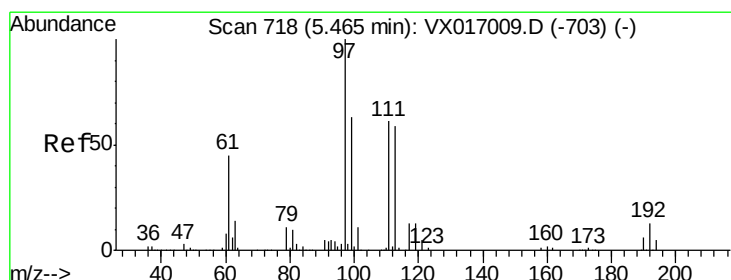
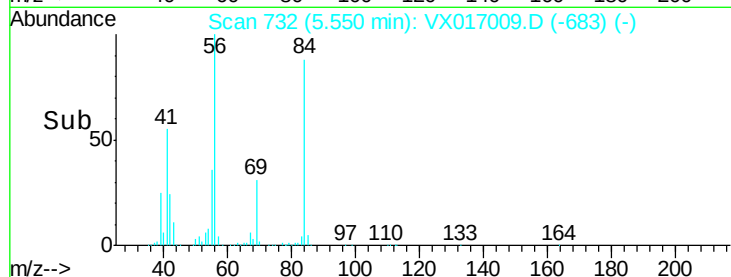
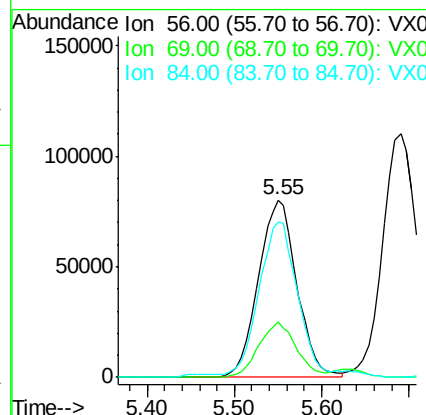
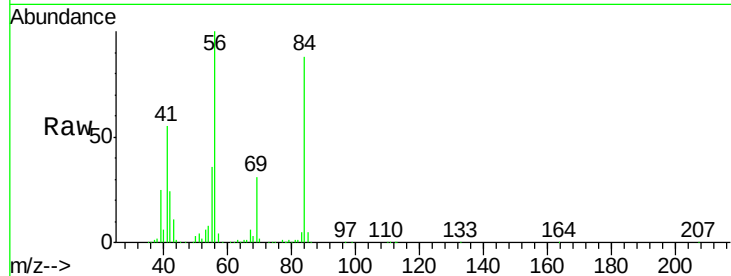
#31
Cyclohexane
Concen: 51.374 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.0	37.4
84	86.4	69.1	103.7

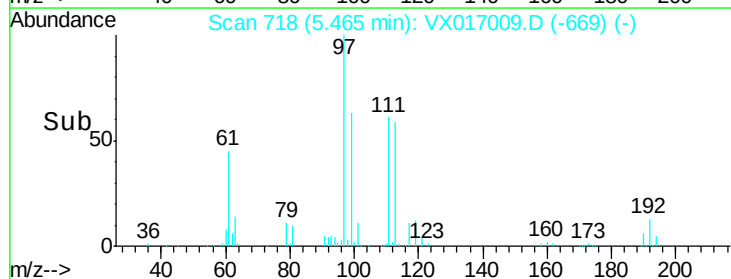
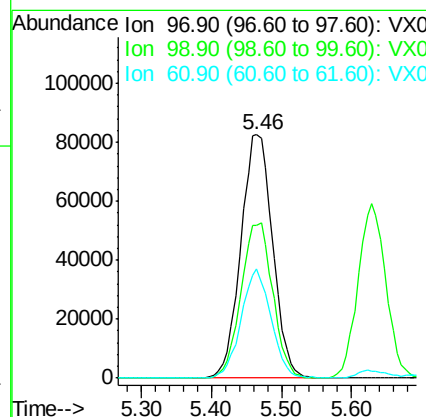
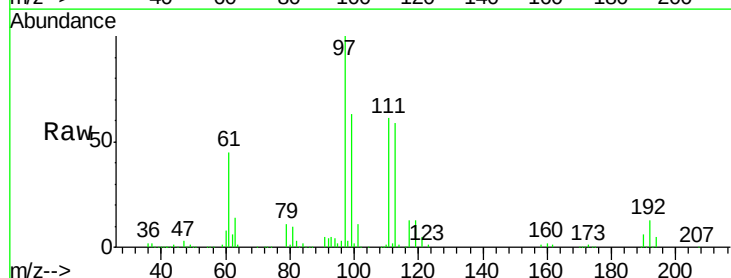
Manual Integrations
APPROVED

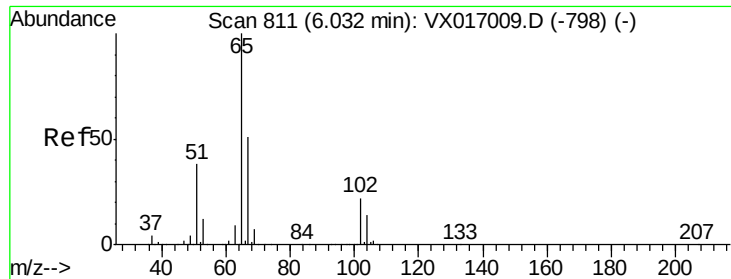
MMDadoda
6/30/2020 10:13:30 AM



#32
1,1,1-Trichloroethane
Concen: 49.932 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	50.8	76.2
61	42.1	33.7	50.5





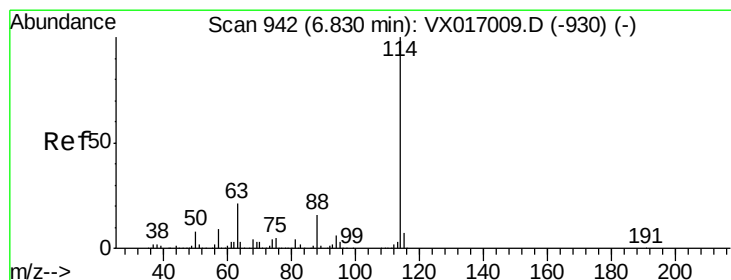
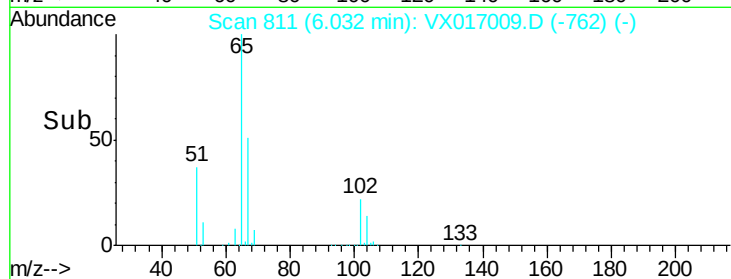
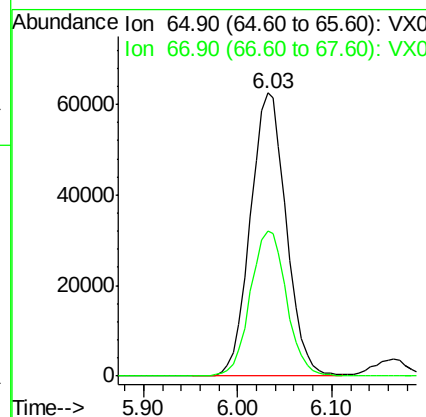
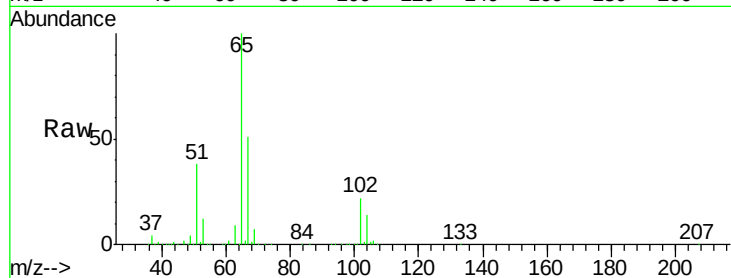
#33
 1,2-Dichloroethane-d4
 Concen: 46.983 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX017009.D
 Acq: 29 Jun 2020 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	103.8

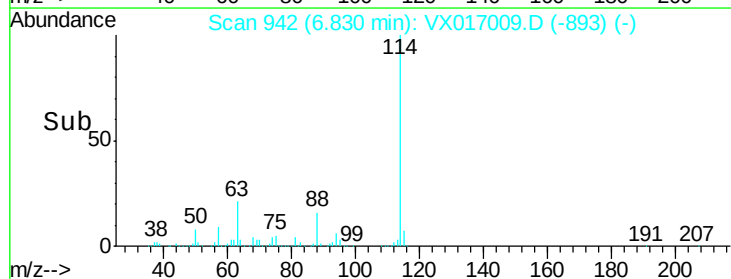
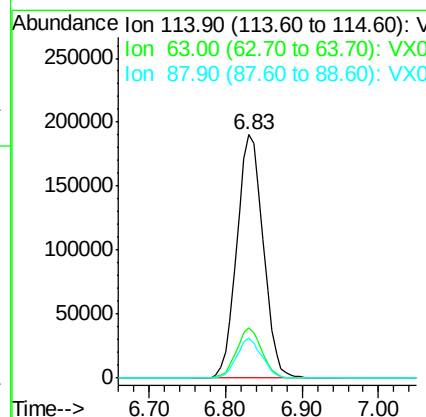
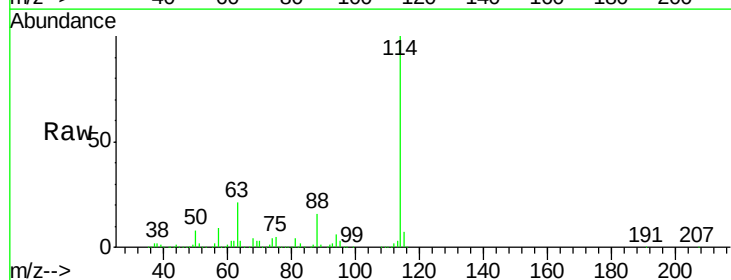
Manual Integrations
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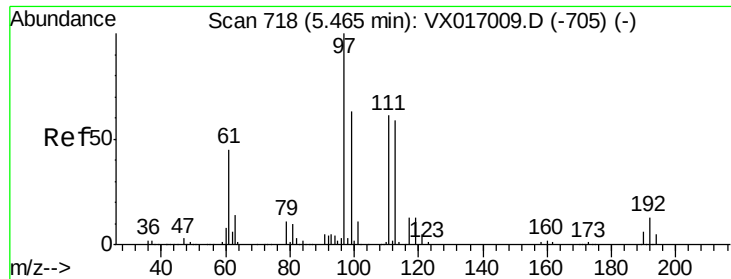
MMDadoda
 6/30/2020 10:13:30 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX017009.D
 Acq: 29 Jun 2020 15:21

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	41.4
88	16.2	0.0	32.4





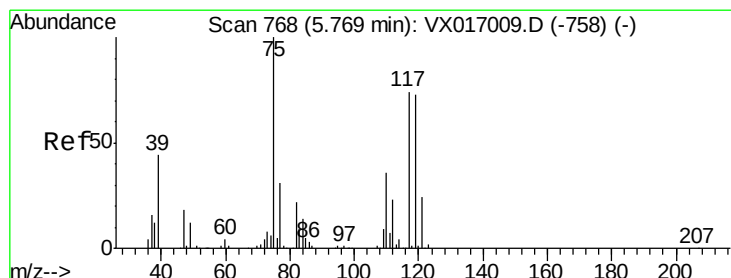
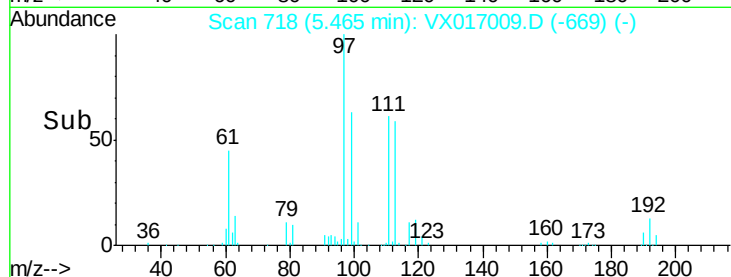
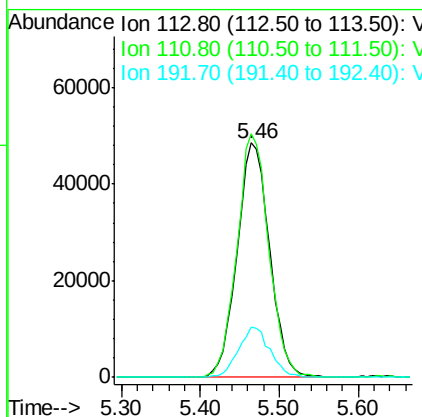
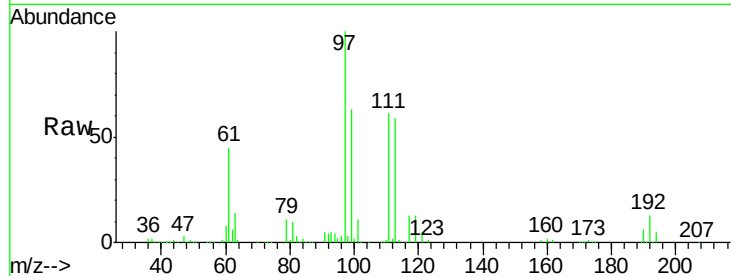
#35
Dibromofluoromethane
Concen: 48.317 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	138905		
111	102.4	81.9	122.9	
192	20.9	16.7	25.1	

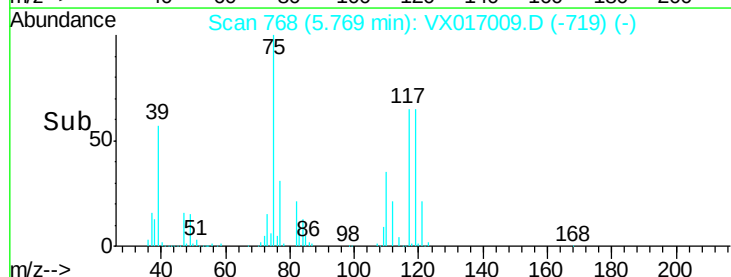
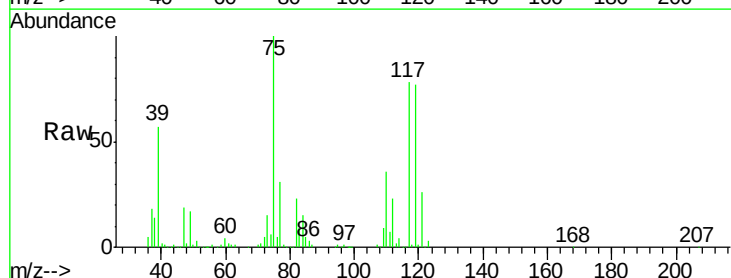
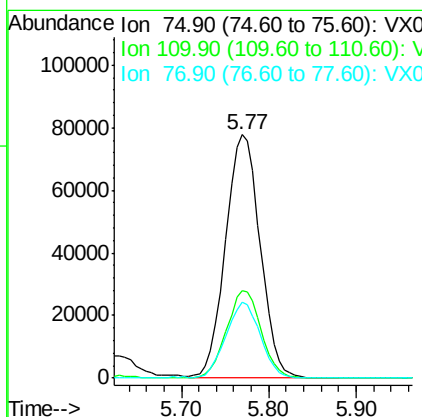
Manual Integrations
APPROVED

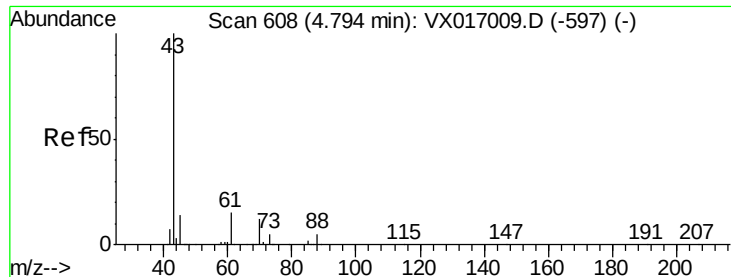
MMDadoda
6/30/2020 10:13:30 AM



#36
1,1-Dichloropropene
Concen: 49.789 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	213862		
110	36.1	18.1	54.1	
77	30.8	24.6	37.0	





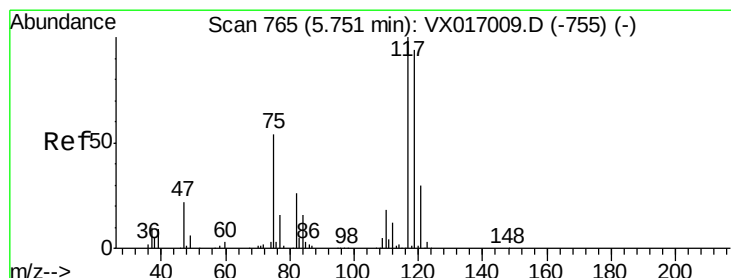
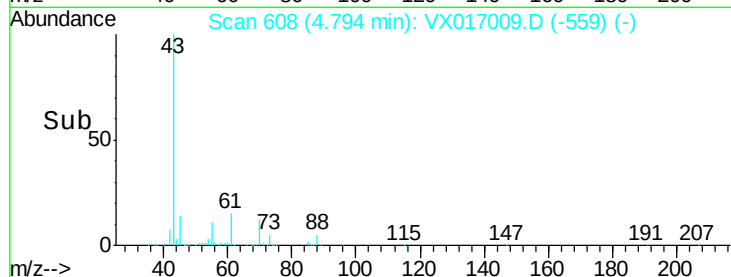
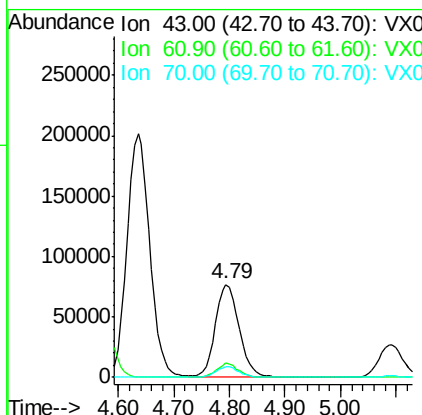
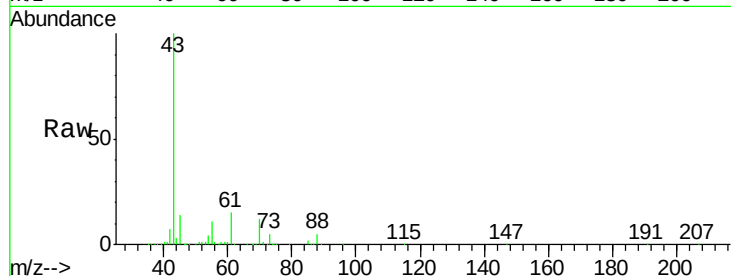
#37
Ethyl Acetate
Concen: 52.262 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.0	16.4
70	11.1	8.9	13.3

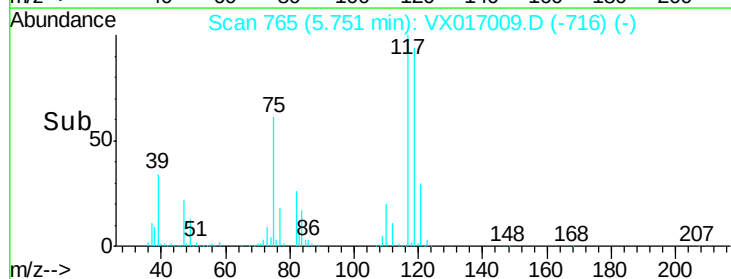
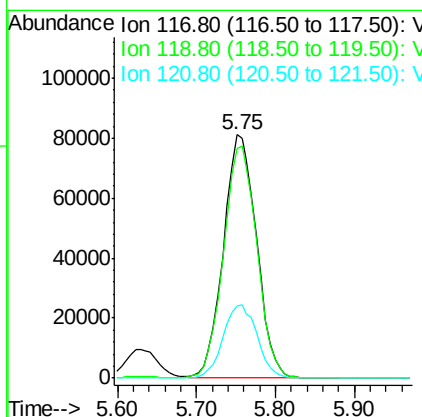
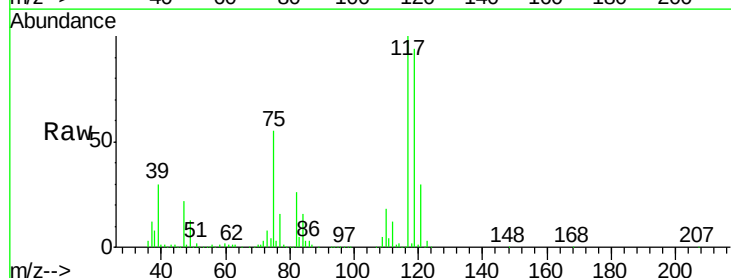
Manual Integrations
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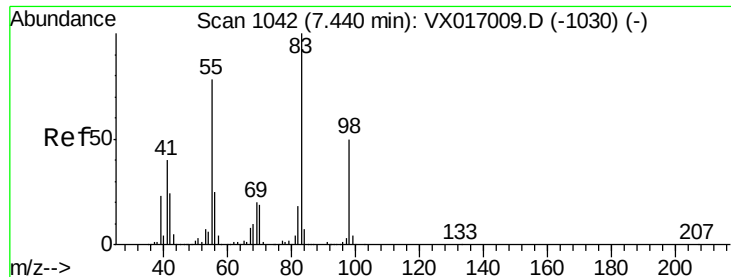
MMDadoda
6/30/2020 10:13:30 AM



#38
Carbon Tetrachloride
Concen: 50.094 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.4	113.0
121	29.7	23.8	35.6





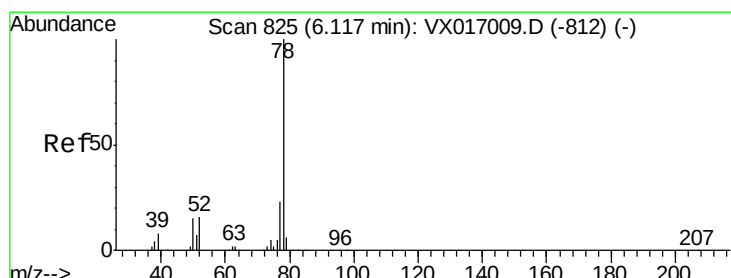
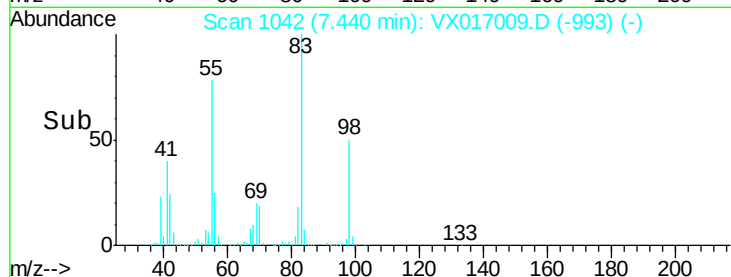
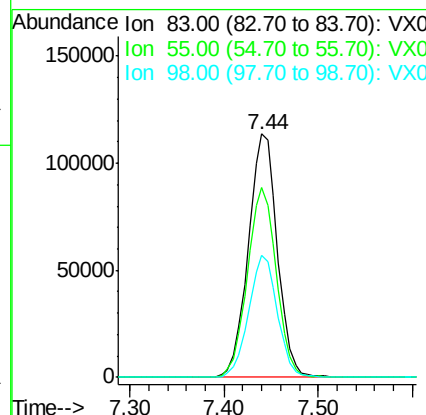
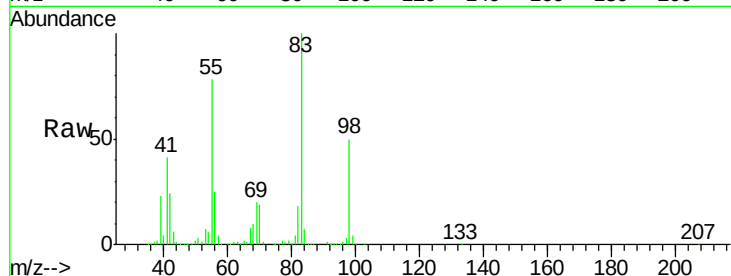
#39
Methylvlcyclohexane
Concen: 51.386 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	245583		
55	78.1		62.5	93.7
98	50.1		40.1	60.1

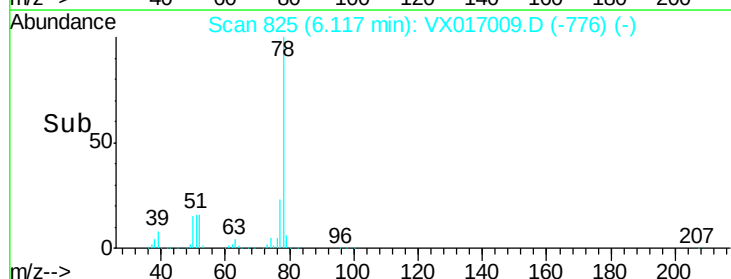
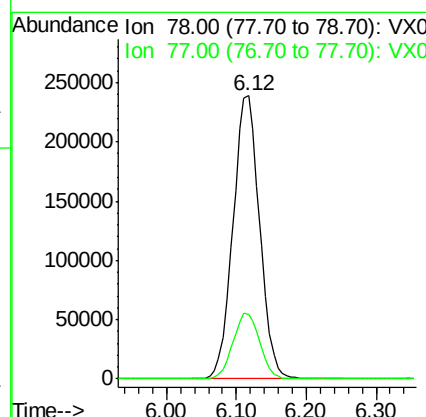
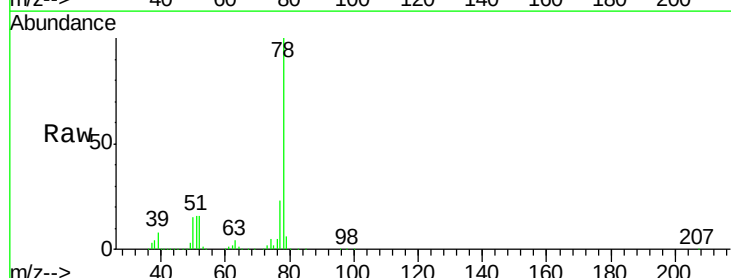
Manual Integrations
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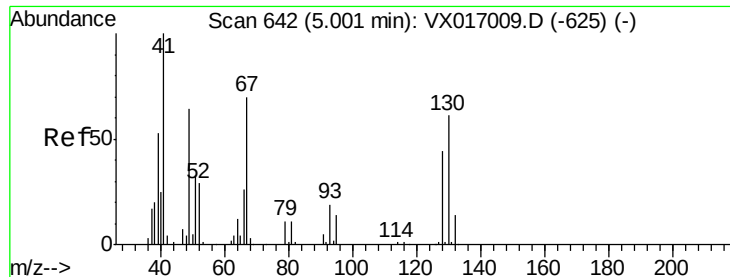
MMDadoda
6/30/2020 10:13:30 AM



#40
Benzene
Concen: 49.934 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	630189		
77	22.9		18.3	27.5





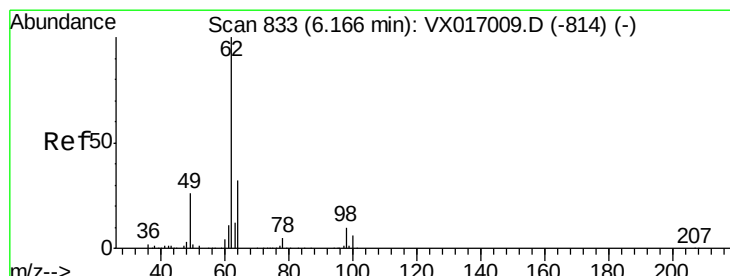
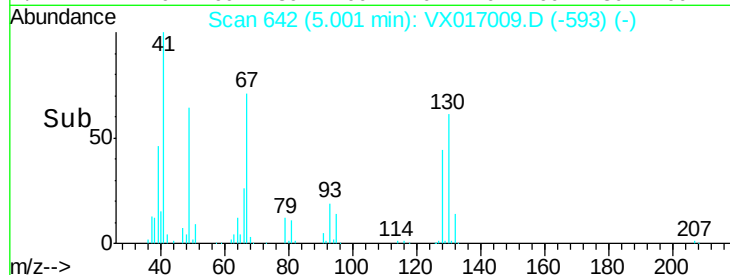
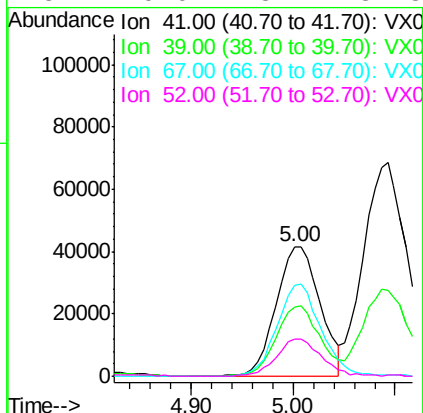
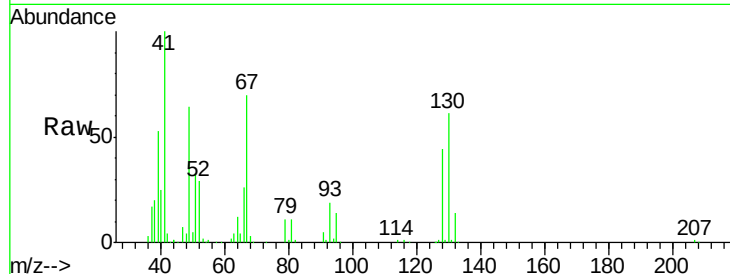
#41
Methacrylonitrile
Concen: 50.460 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		123771		
39	55.5	44.4	66.6		
67	71.4	57.1	85.7		
52	29.0	23.2	34.8		

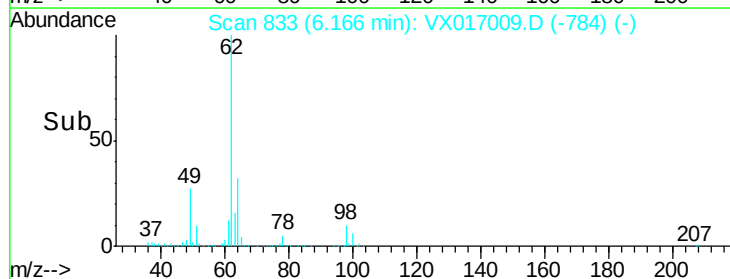
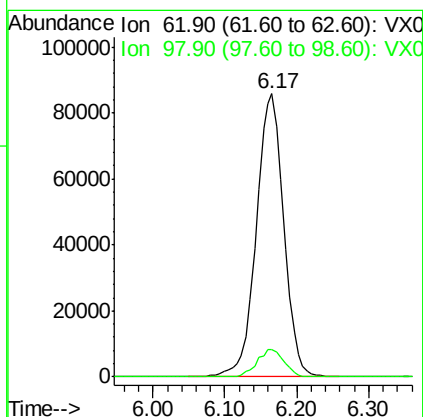
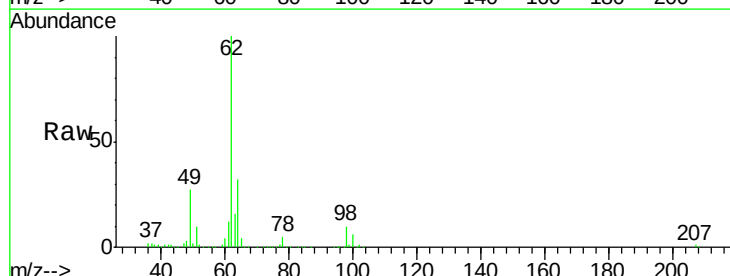
Manual Integrations
APPROVED

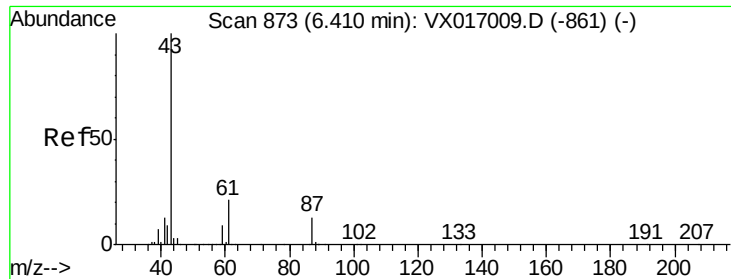
MMDadoda
6/30/2020 10:13:30 AM



#42
1,2-Dichloroethane
Concen: 49.930 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		227612		
98	9.6	0.0	19.2		





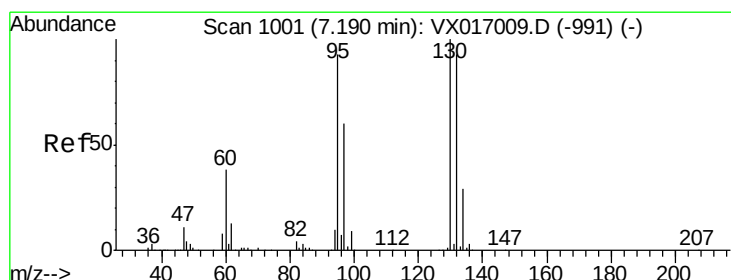
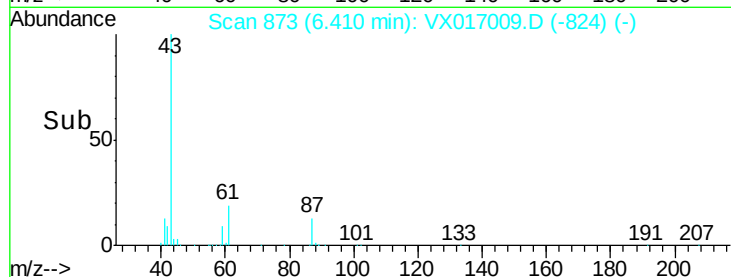
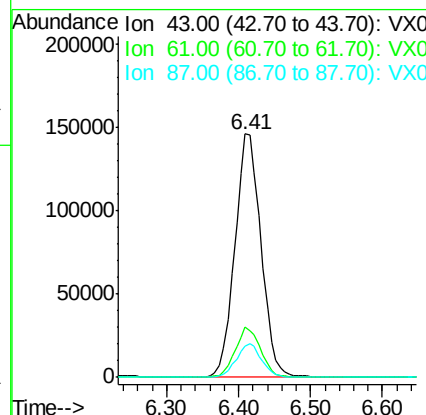
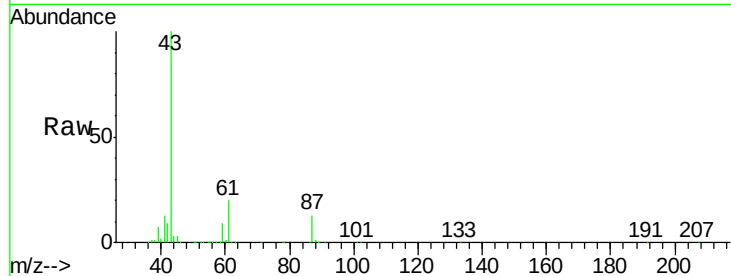
#43
Isopropyl Acetate
Concen: 50.612 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.2	24.2
87	13.4	10.7	16.1

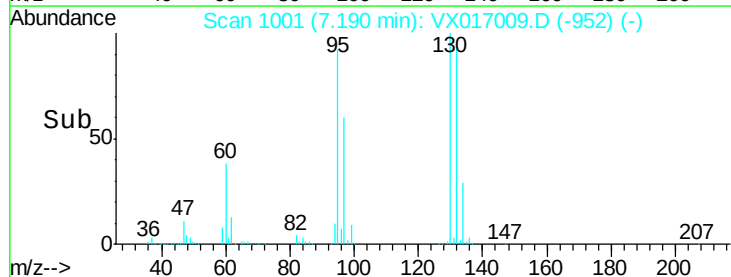
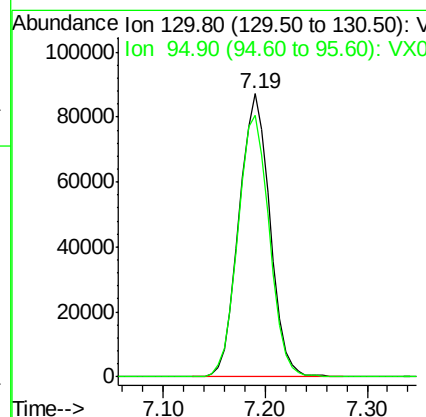
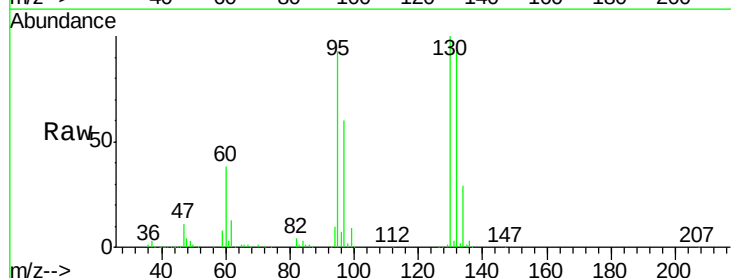
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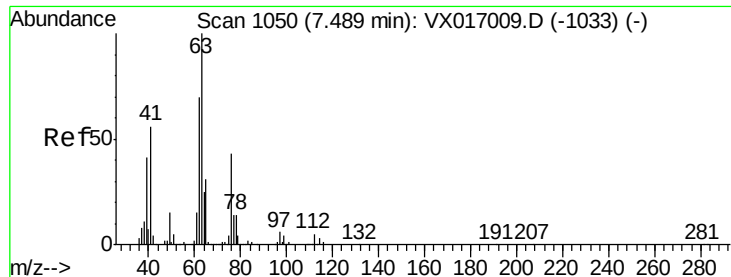
MMDadoda
6/30/2020 10:13:30 AM



#44
Trichloroethene
Concen: 48.114 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.5	0.0	185.0





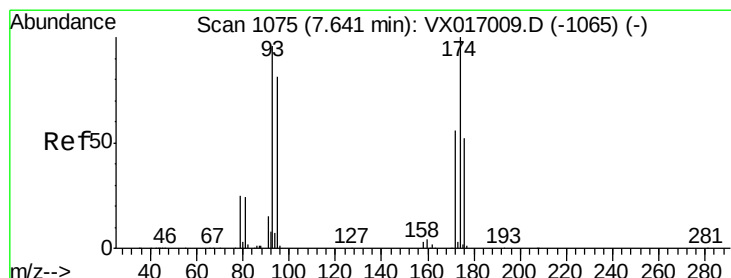
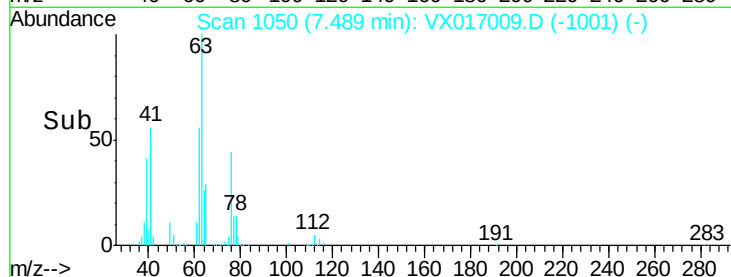
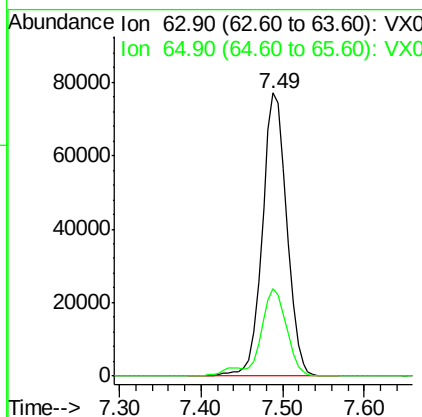
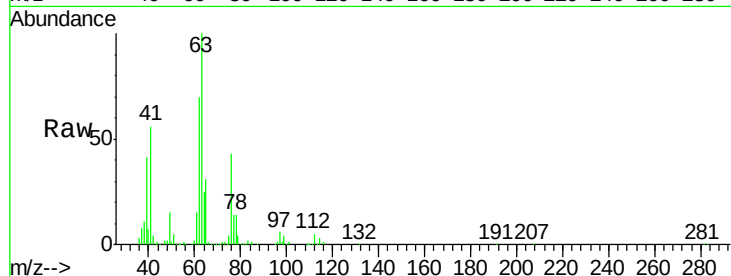
#45
 1,2-Dichloropropane
 Concen: 49.641 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX017009.D
 Acq: 29 Jun 2020 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.6	36.8

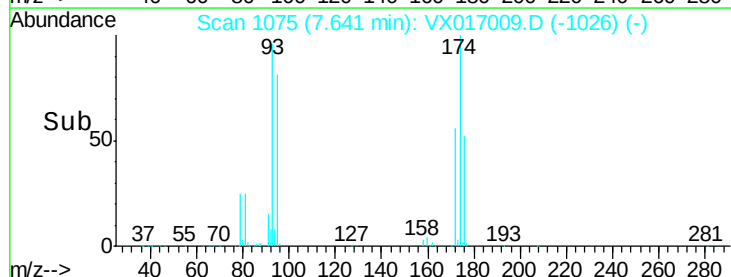
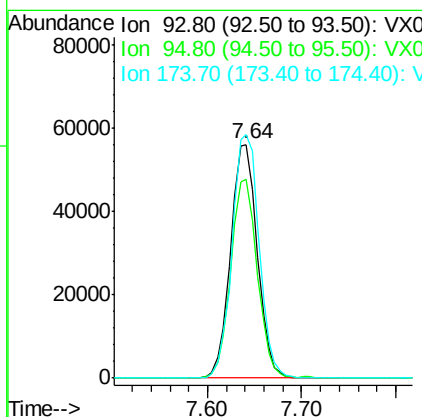
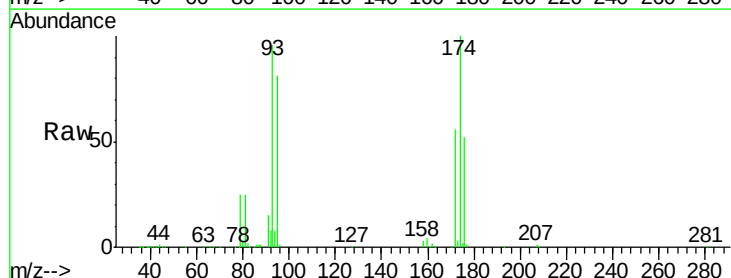
Manual Integrations
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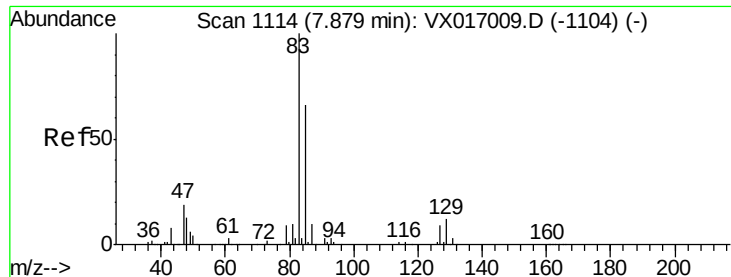
MMDadoda
 6/30/2020 10:13:30 AM



#46
 Dibromomethane
 Concen: 50.105 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX017009.D
 Acq: 29 Jun 2020 15:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.2	67.4	101.0
174	105.4	84.3	126.5





#47

Bromodichloromethane

Concen: 50.821 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX017009.D

Acq: 29 Jun 2020 15:21

Instrument :

MSVOA_X

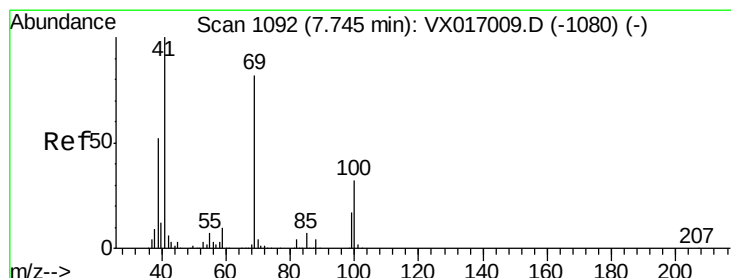
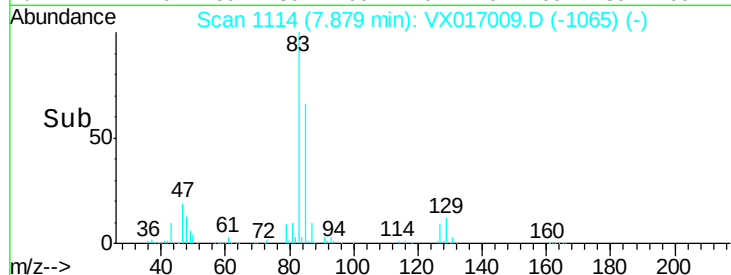
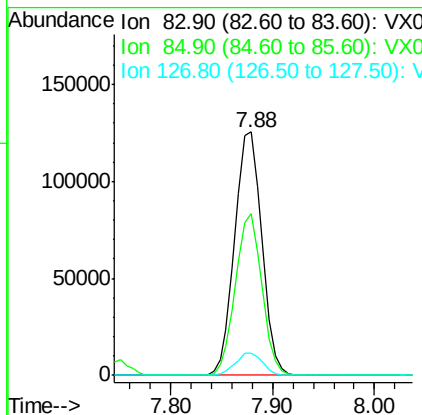
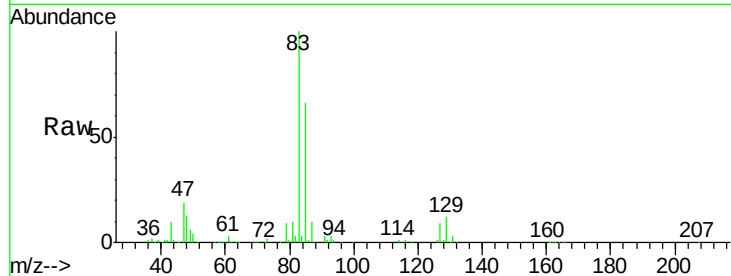
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	231779
Ion	Ratio	Lower	Upper
83	100		
85	66.2	53.0	79.4
127	9.4	7.5	11.3

Manual Integrations
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6/30/2020 10:13:30 AM



#48

Methyl methacrylate

Concen: 53.321 ug/l

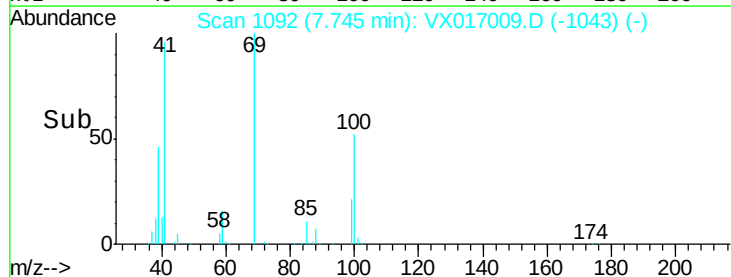
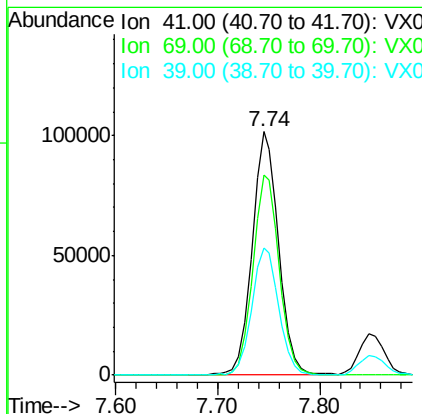
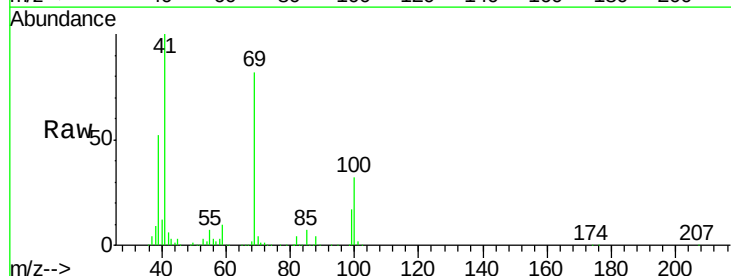
RT: 7.74 min Scan# 1092

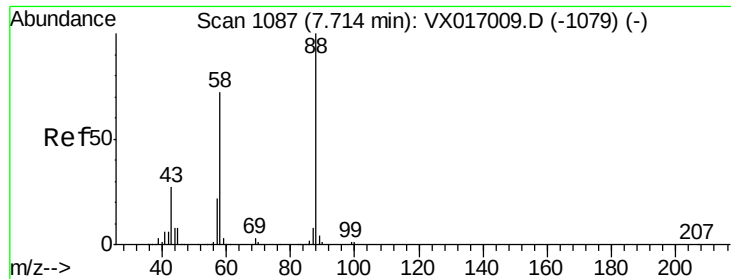
Delta R.T. 0.00 min

Lab File: VX017009.D

Acq: 29 Jun 2020 15:21

Tgt Ion:	41	Resp:	183457
Ion	Ratio	Lower	Upper
41	100		
69	82.3	65.8	98.8
39	53.1	42.5	63.7





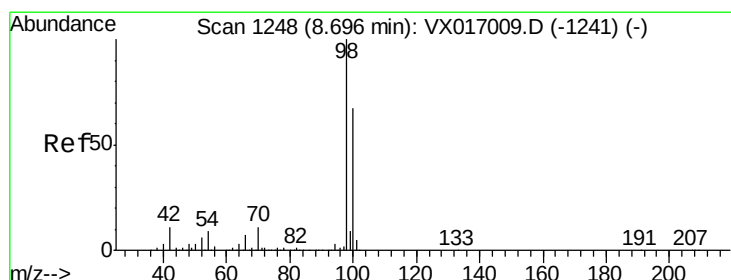
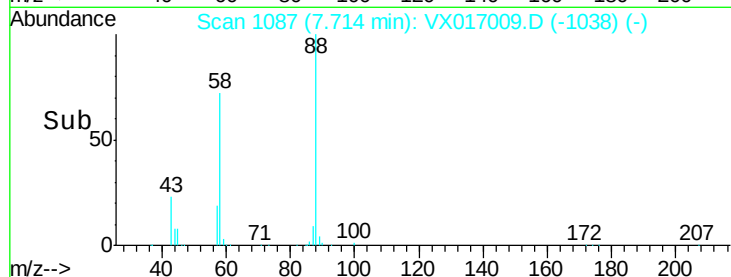
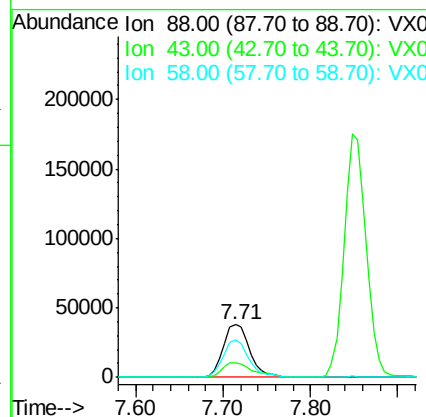
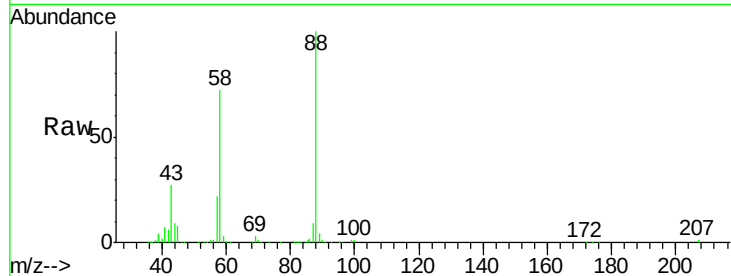
#49
1,4-Dioxane
Concen: 1026.850 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.3	25.8	38.8
58	68.5	54.8	82.2

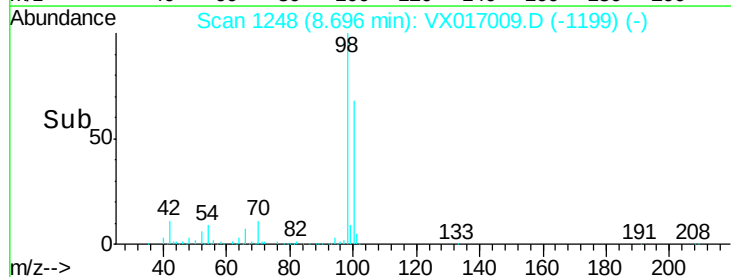
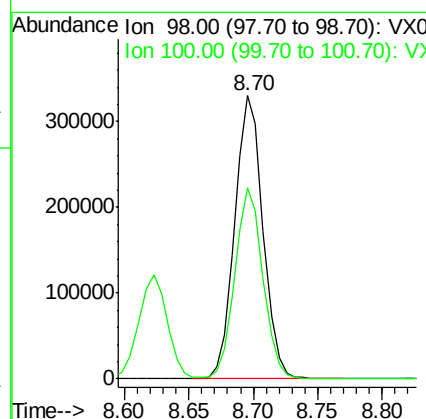
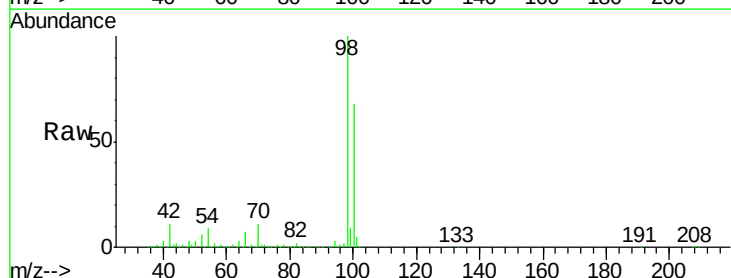
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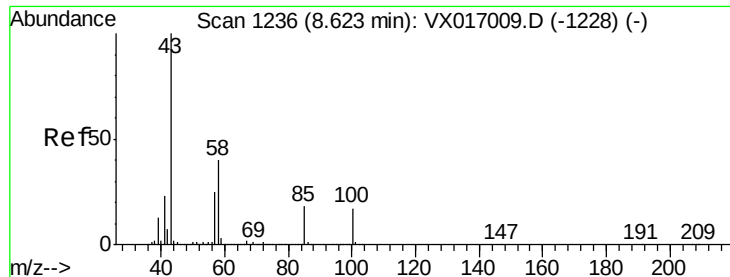
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#50
Toluene-d8
Concen: 47.560 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.8	80.6





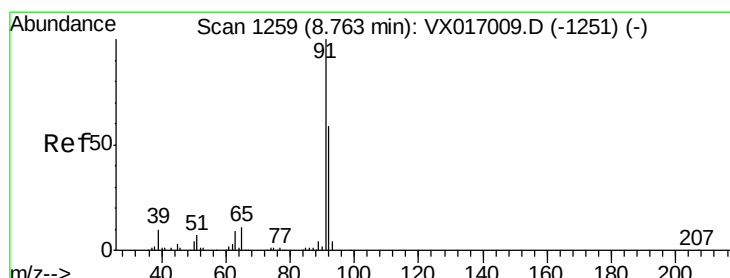
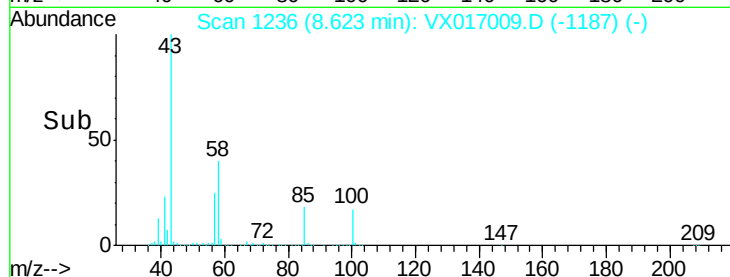
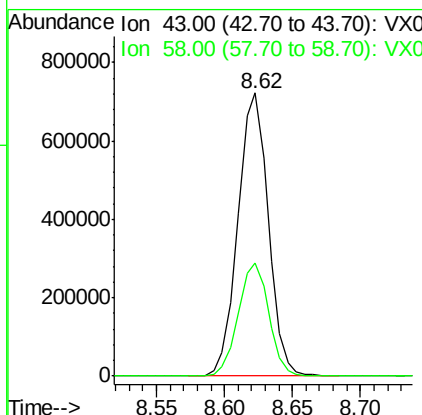
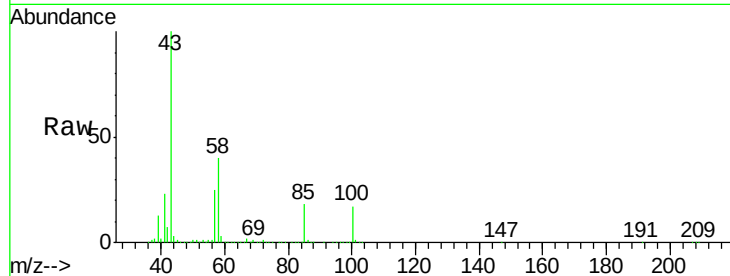
#51
4-Methyl-2-Pentanone
Concen: 261.629 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 1129428
Ion Ratio Lower Upper
43 100
58 39.9 31.9 47.9

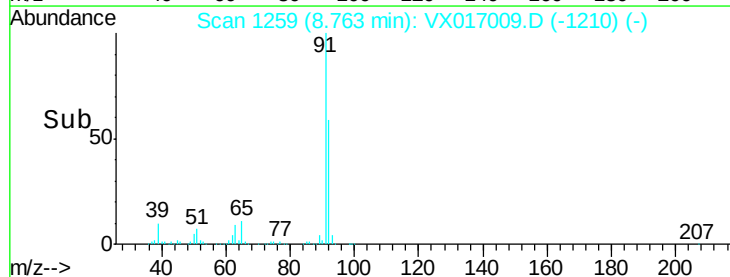
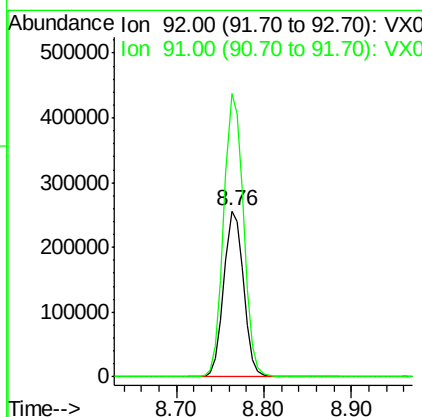
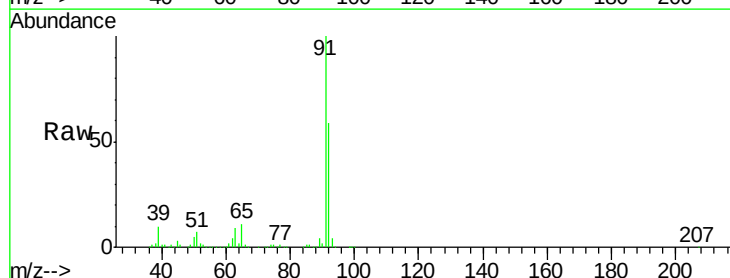
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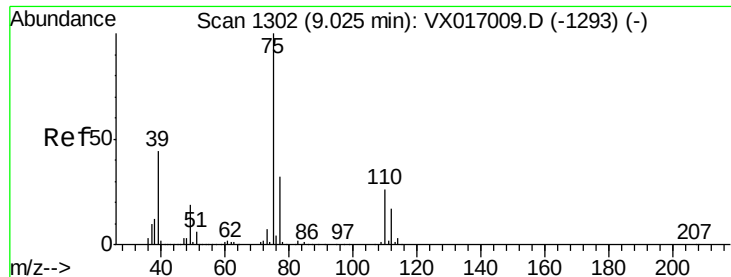
MMDadoda
6/30/2020 10:13:30 AM



#52
Toluene
Concen: 50.692 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Tgt Ion: 92 Resp: 399432
Ion Ratio Lower Upper
92 100
91 171.1 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 51.013 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017009.D

Acq: 29 Jun 2020 15:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 256694

Ion Ratio Lower Upper

75 100

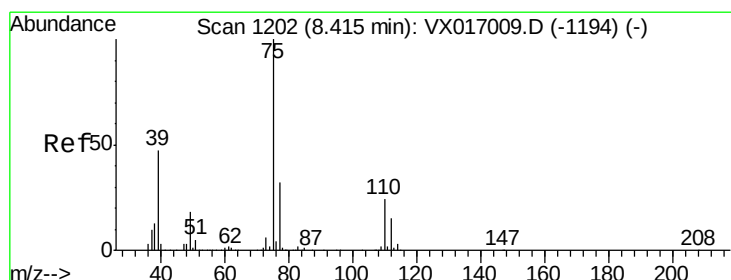
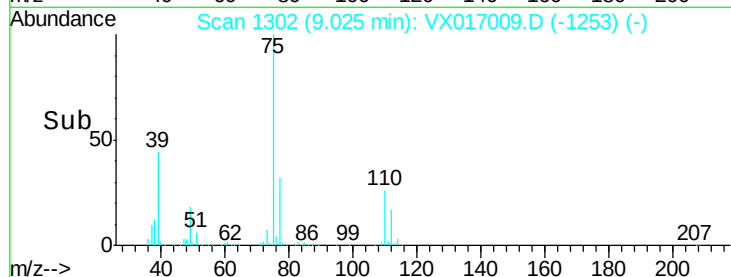
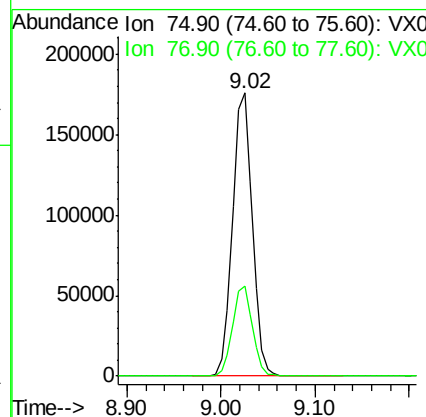
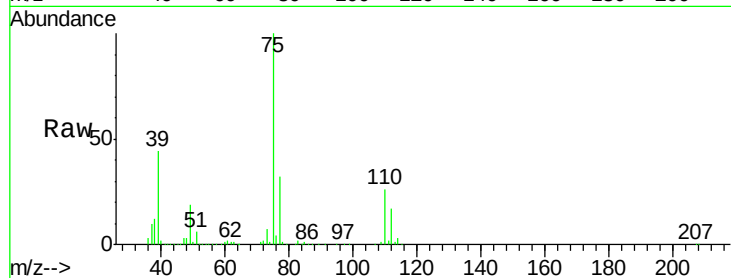
77 32.0 25.6 38.4

Manual Integrations

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6/30/2020 10:13:30 AM



#54

cis-1,3-Dichloropropene

Concen: 50.994 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017009.D

Acq: 29 Jun 2020 15:21

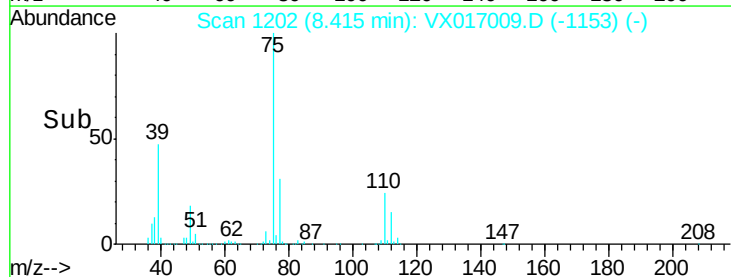
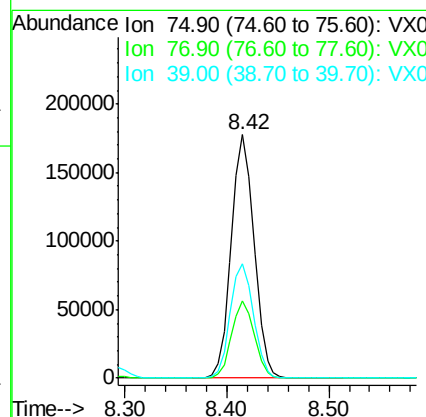
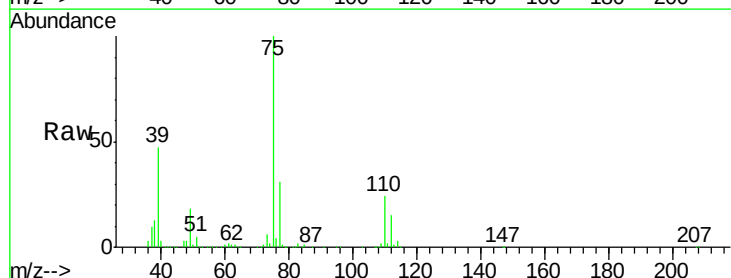
Tgt Ion: 75 Resp: 275072

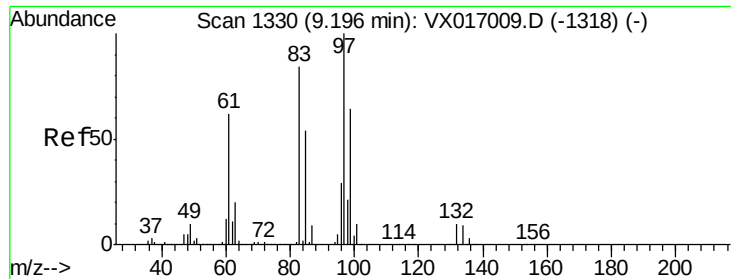
Ion Ratio Lower Upper

75 100

77 31.5 25.2 37.8

39 46.8 37.4 56.2





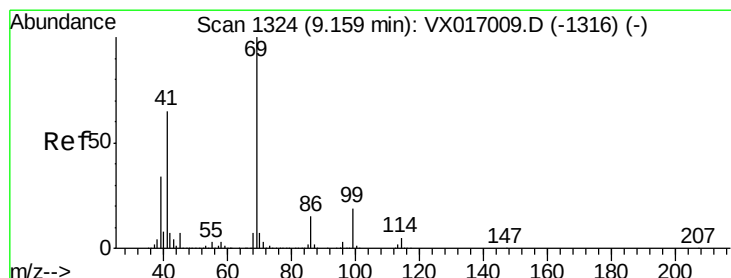
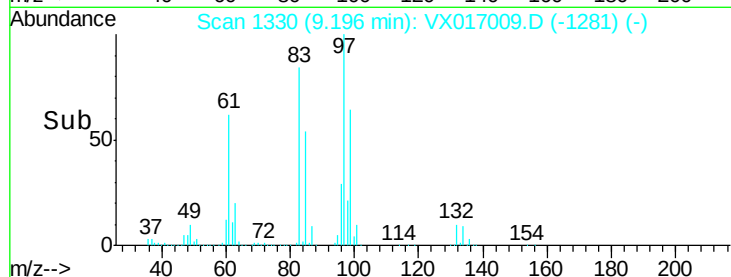
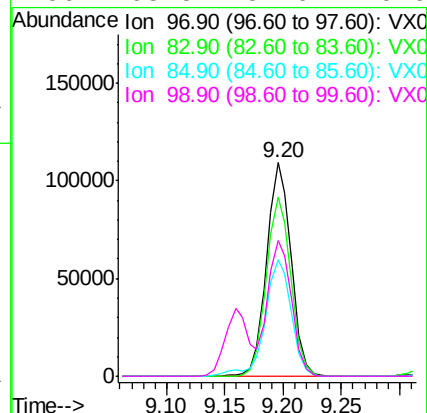
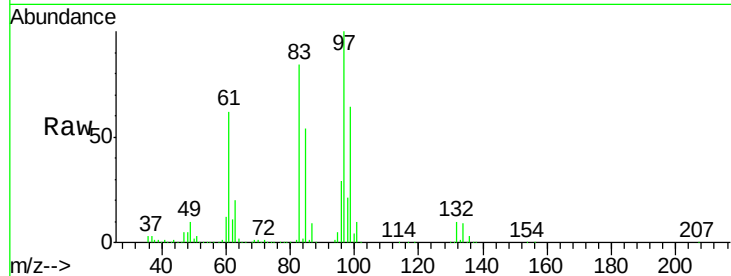
#55
 1,1,2-Trichloroethane
 Concen: 49.910 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017009.D
 Acq: 29 Jun 2020 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		160677		
83	83.8	67.0	100.6		
85	54.4	43.5	65.3		
99	63.8	51.0	76.6		

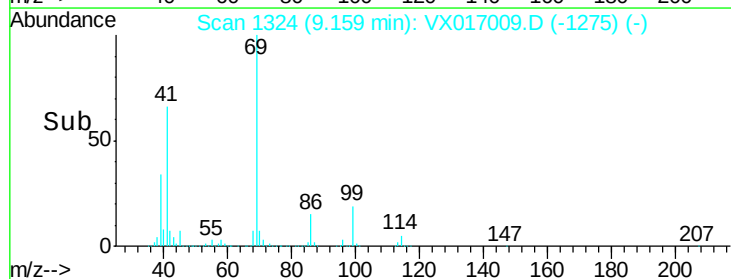
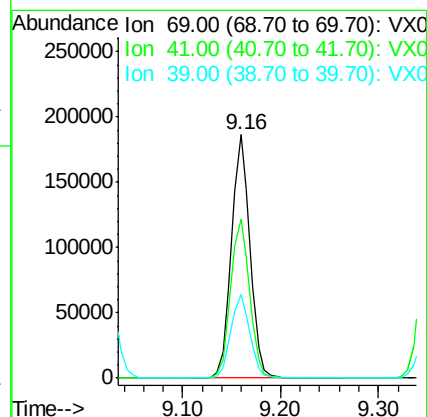
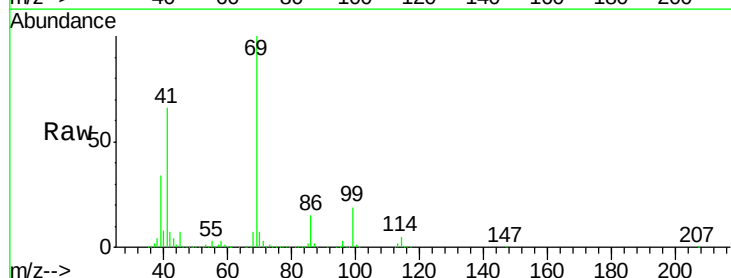
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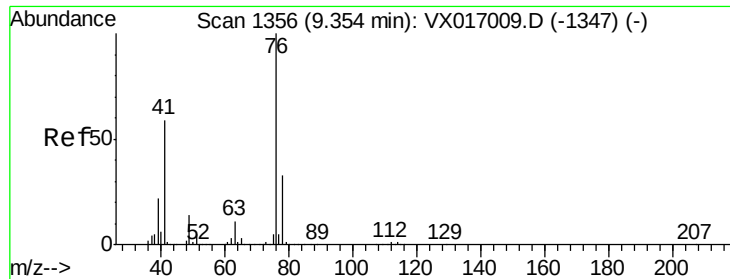
MMDadoda
 6/30/2020 10:13:30 AM



#56
 Ethyl methacrylate
 Concen: 53.484 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017009.D
 Acq: 29 Jun 2020 15:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		245077		
41	67.0	53.6	80.4		
39	35.2	28.2	42.2		





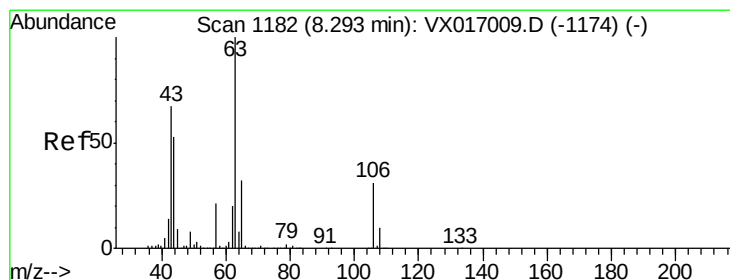
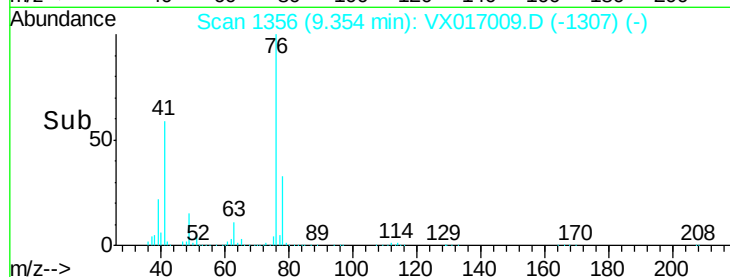
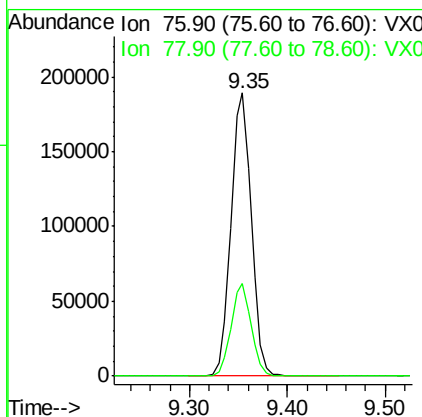
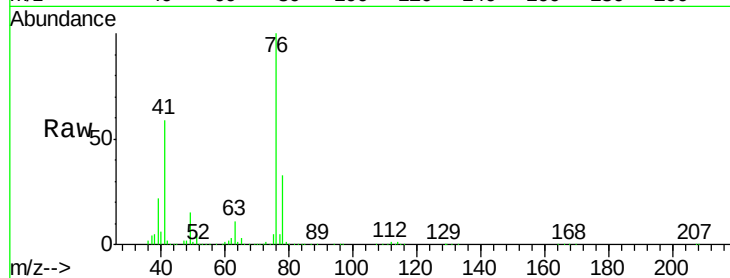
#57
 1,3-Dichloropropane
 Concen: 49.930 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX017009.D
 Acq: 29 Jun 2020 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.9	38.9

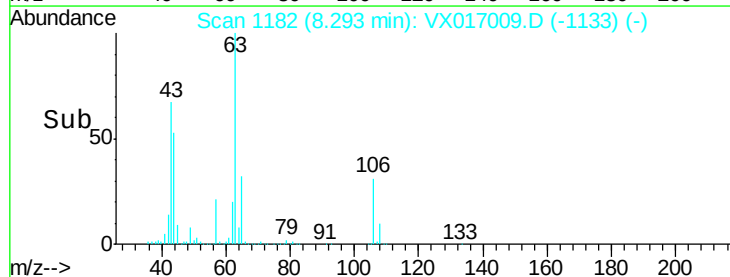
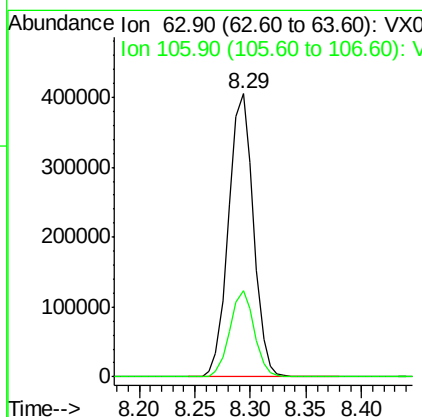
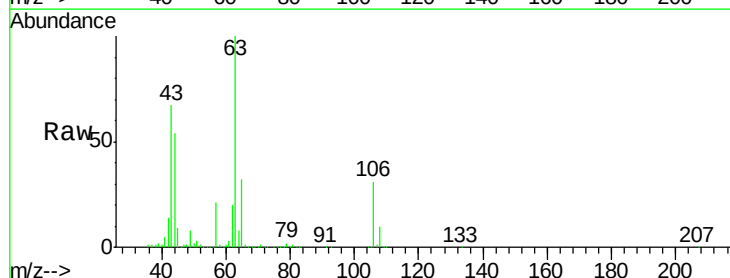
Manual Integrations
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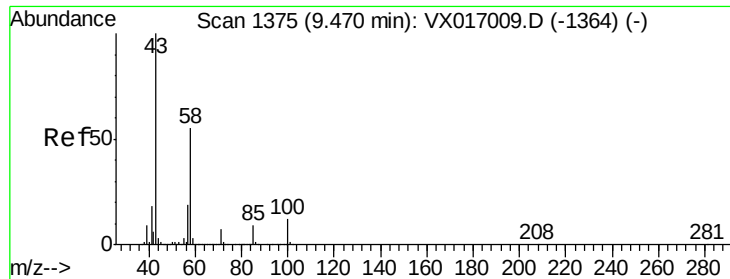
MMDadoda
 6/30/2020 10:13:30 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 274.654 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX017009.D
 Acq: 29 Jun 2020 15:21

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.0	24.0	36.0





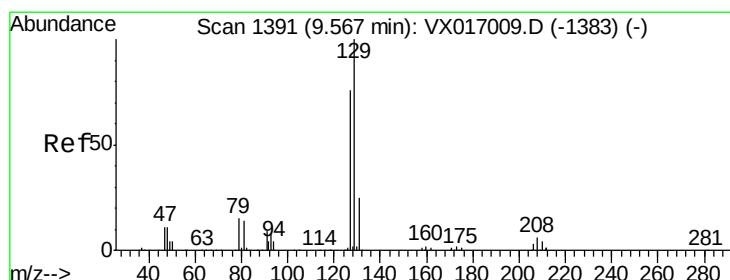
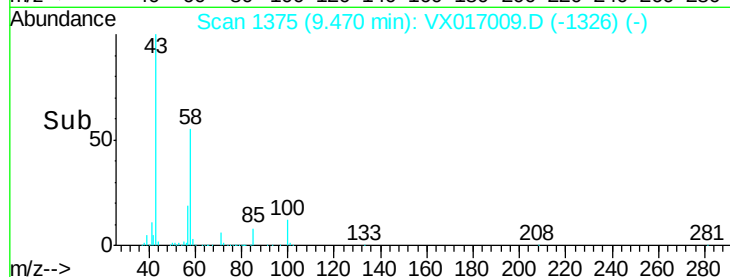
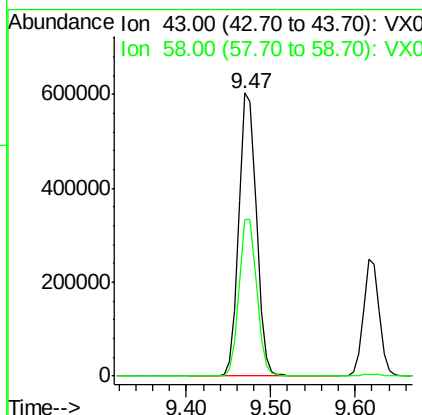
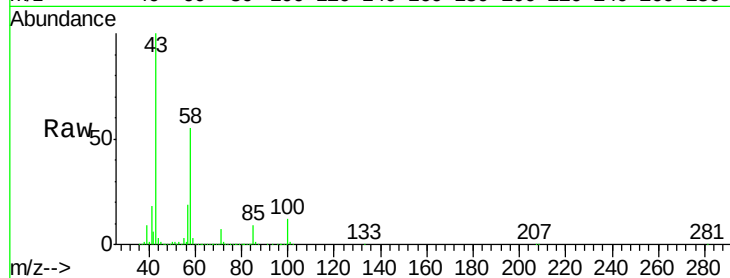
#59
2-Hexanone
Concen: 266.455 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 840076
Ion Ratio Lower Upper
43 100
58 55.7 27.9 83.6

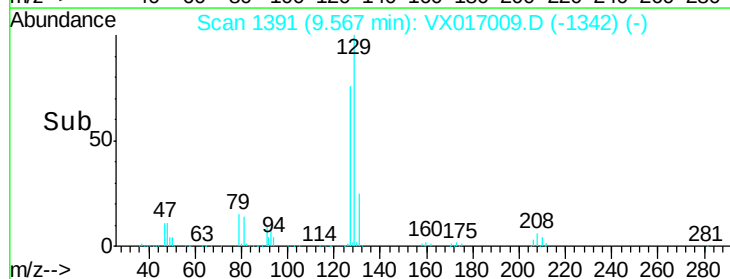
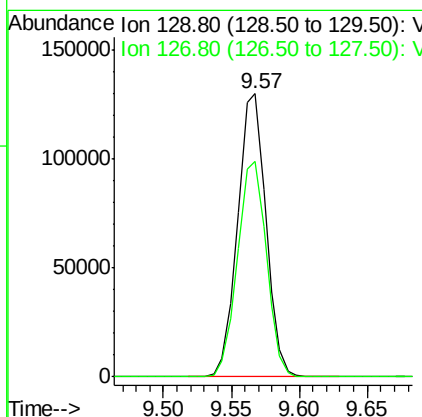
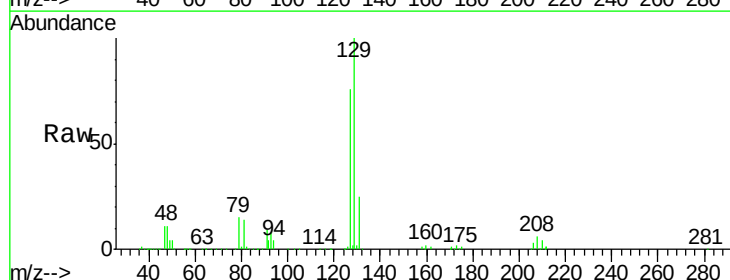
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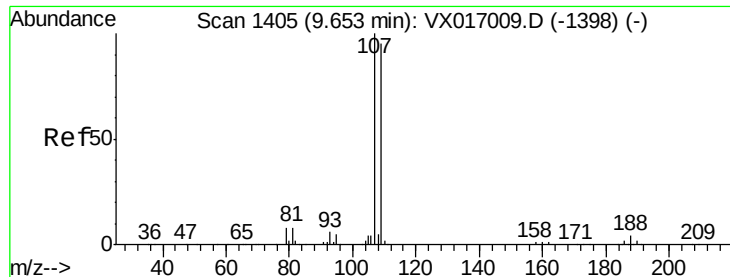
MMDadoda
6/30/2020 10:13:30 AM



#60
Dibromochloromethane
Concen: 50.598 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Tgt Ion: 129 Resp: 189195
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 50.413 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017009.D

Acq: 29 Jun 2020 15:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:107 Resp: 174453

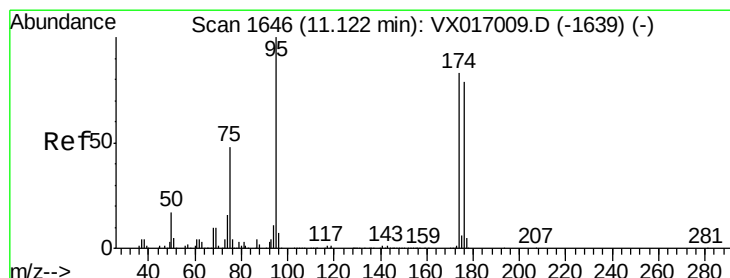
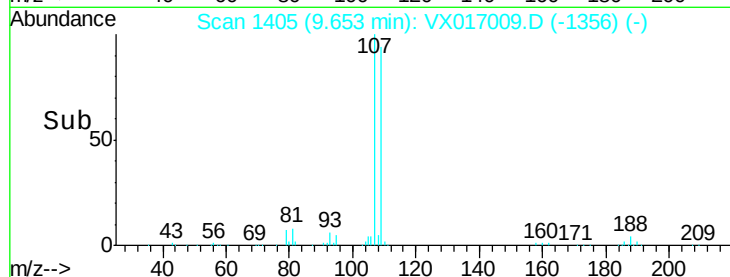
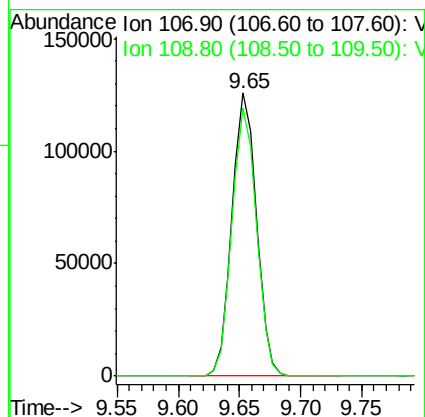
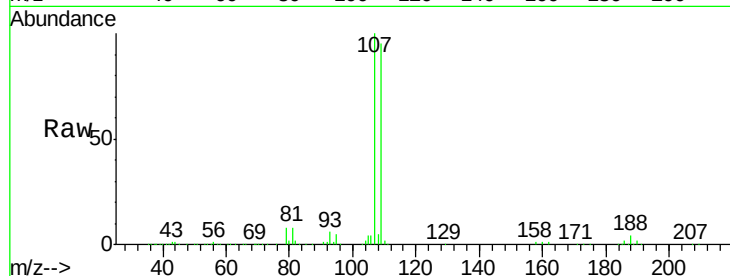
Ion Ratio Lower Upper

107 100

109 94.8 75.8 113.8

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#62

4-Bromofluorobenzene

Concen: 47.842 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017009.D

Acq: 29 Jun 2020 15:21

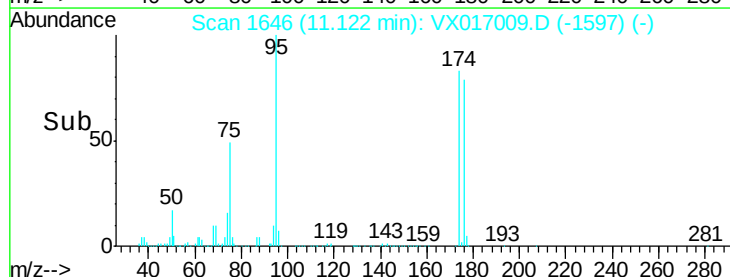
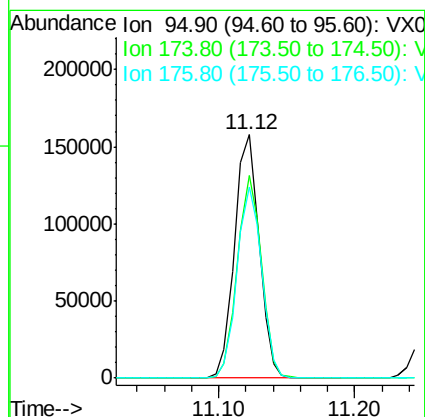
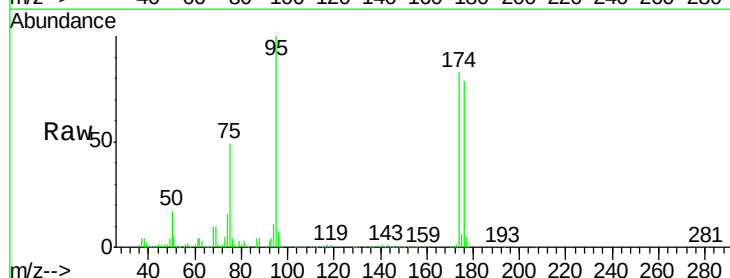
Tgt Ion: 95 Resp: 198816

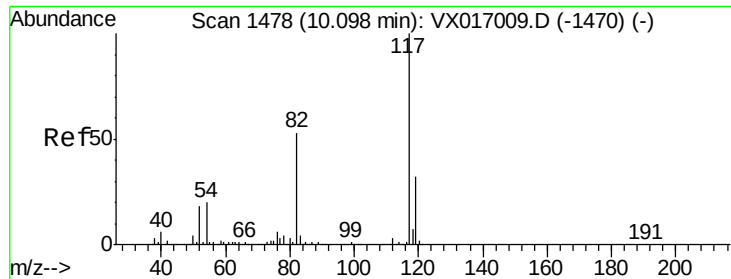
Ion Ratio Lower Upper

95 100

174 82.0 0.0 164.0

176 78.8 0.0 157.6





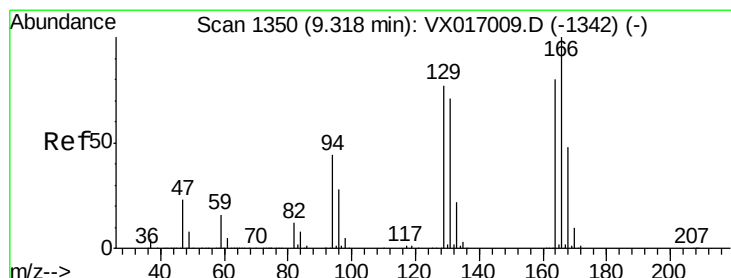
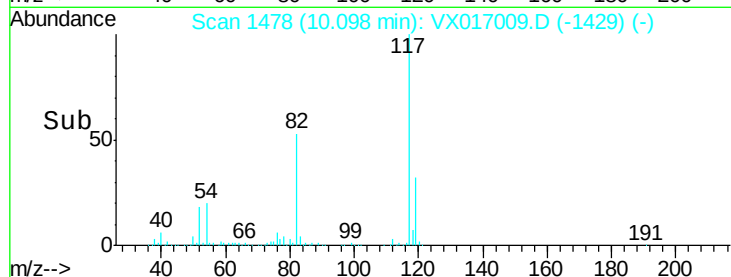
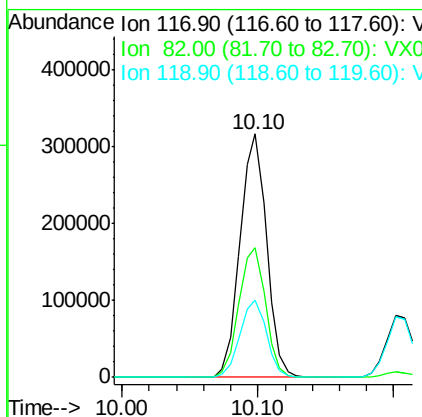
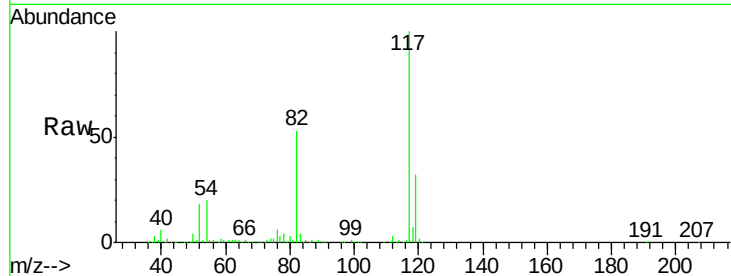
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.6	63.8
119	31.8	25.4	38.2

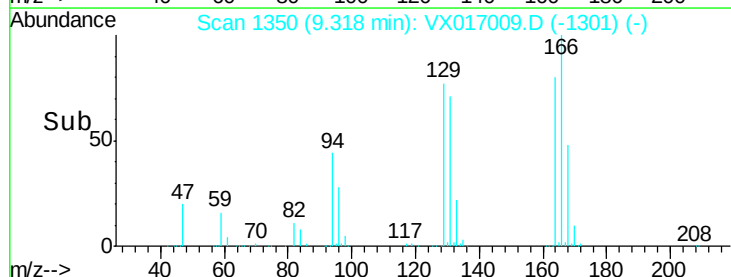
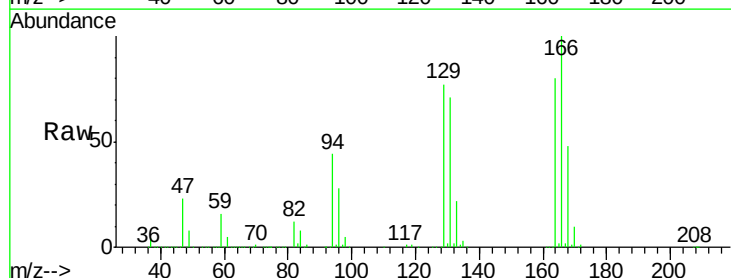
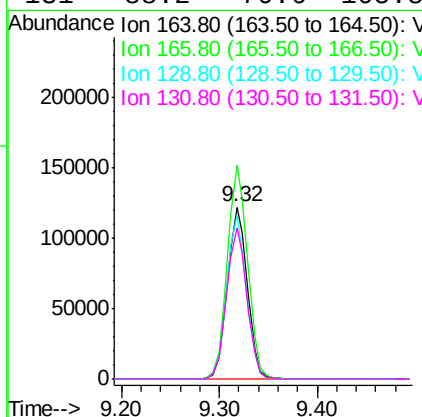
Manual Integrations
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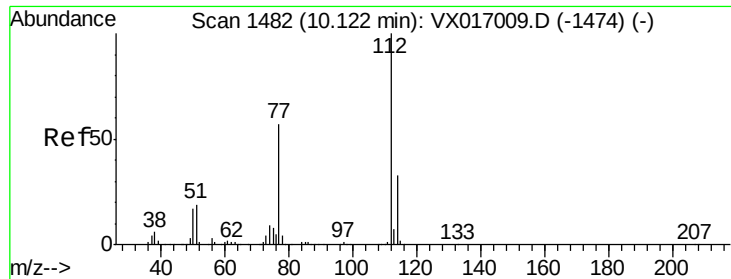
MMDadoda
6/30/2020 10:13:30 AM



#64
Tetrachloroethene
Concen: 49.480 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.2	99.4	149.0
129	95.4	76.3	114.5
131	88.2	70.6	105.8





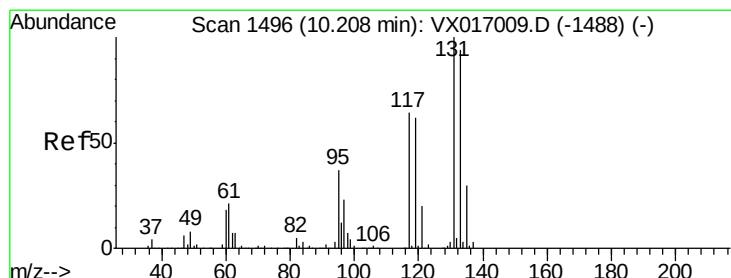
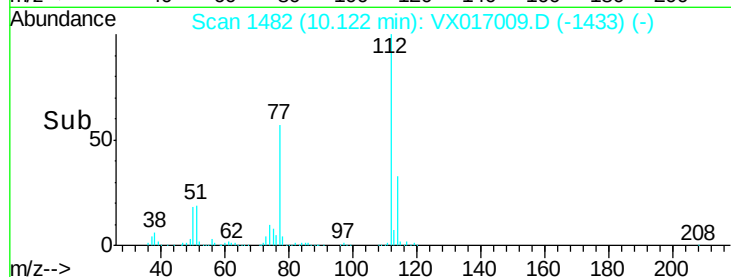
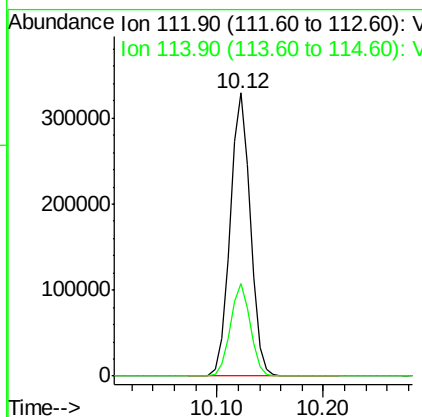
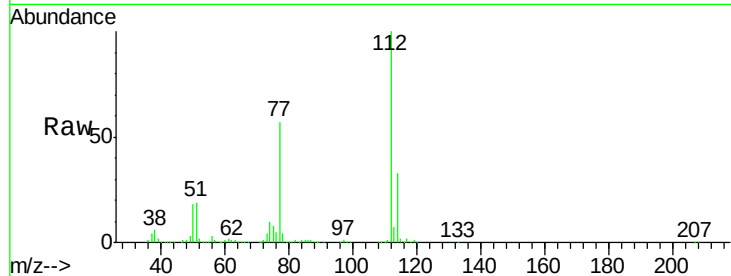
#65
Chlorobenzene
Concen: 49.454 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 439303
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.4

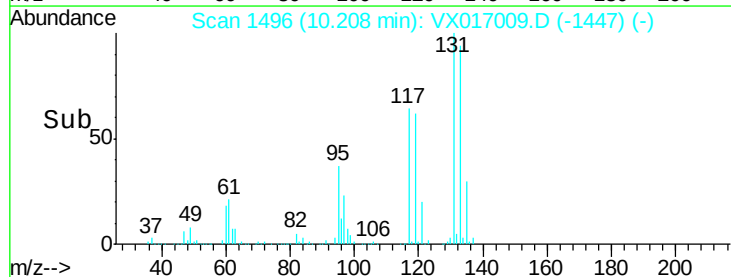
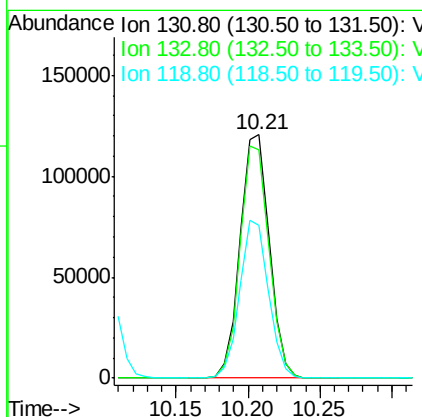
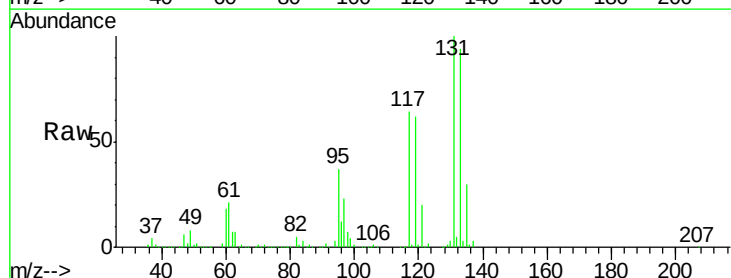
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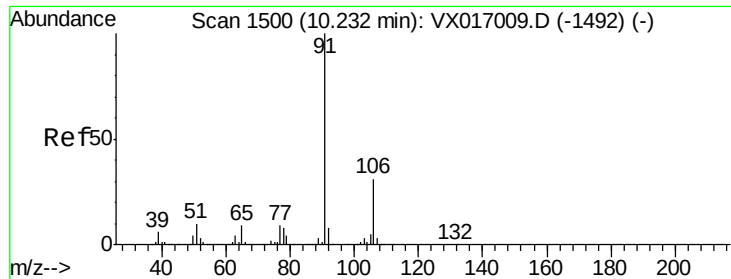
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.680 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Tgt Ion:131 Resp: 170074
Ion Ratio Lower Upper
131 100
133 94.6 47.3 141.9
119 63.7 31.9 95.5





#67

Ethyl Benzene

Concen: 51.812 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX017009.D

Acq: 29 Jun 2020 15:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 768615

Ion Ratio Lower Upper

91 100

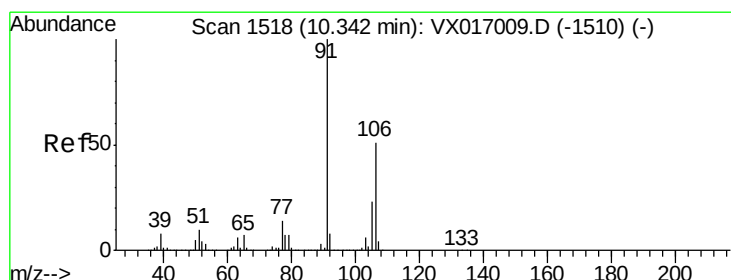
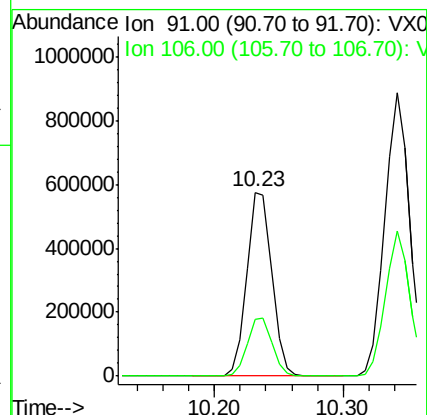
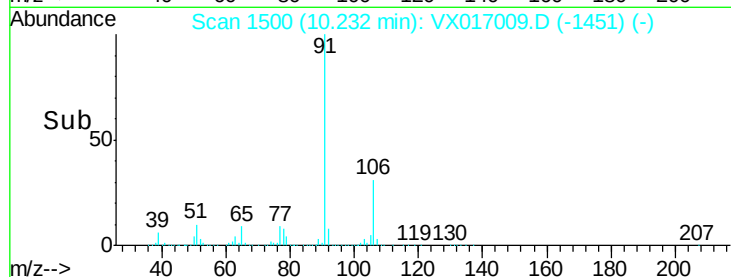
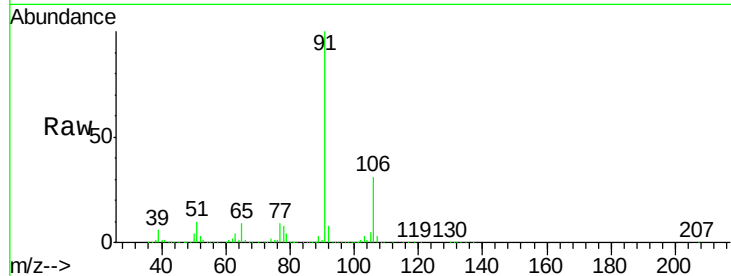
106 30.9 24.7 37.1

Manual Integrations

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#68

m/p-Xylenes

Concen: 104.539 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017009.D

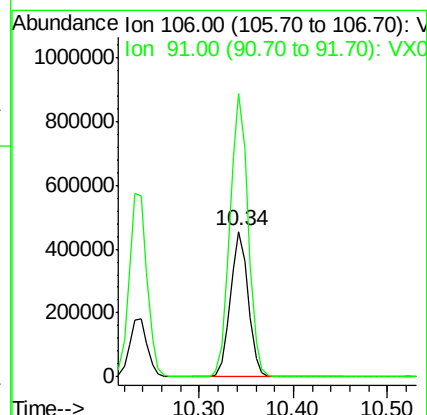
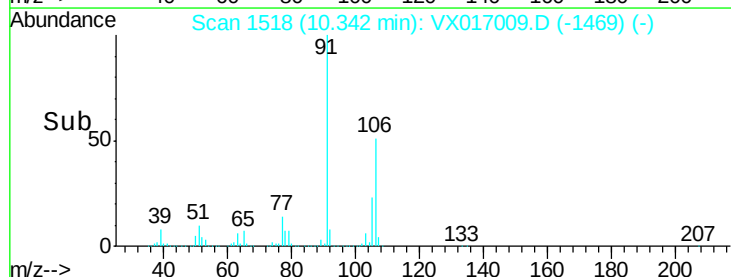
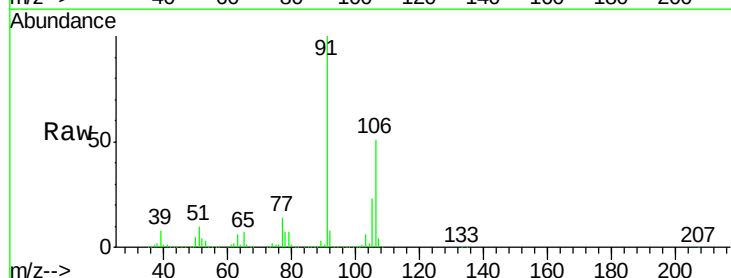
Acq: 29 Jun 2020 15:21

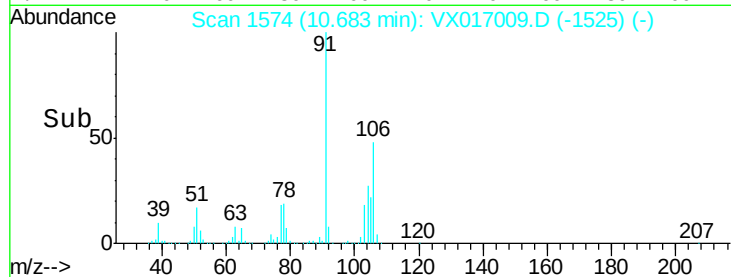
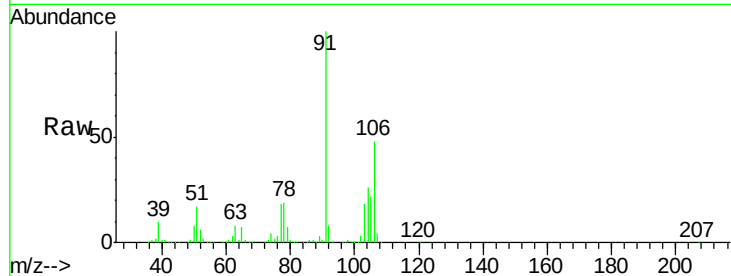
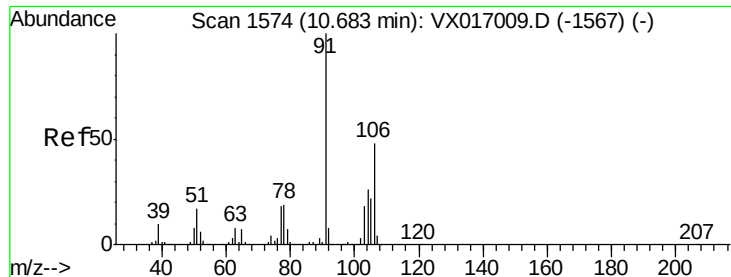
Tgt Ion: 106 Resp: 595461

Ion Ratio Lower Upper

106 100

91 198.3 158.6 238.0





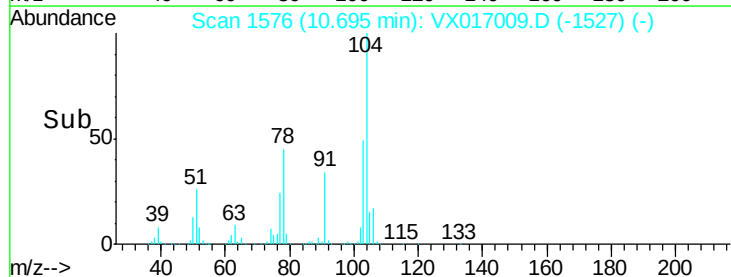
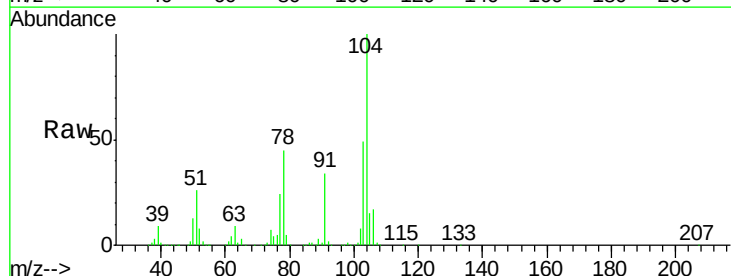
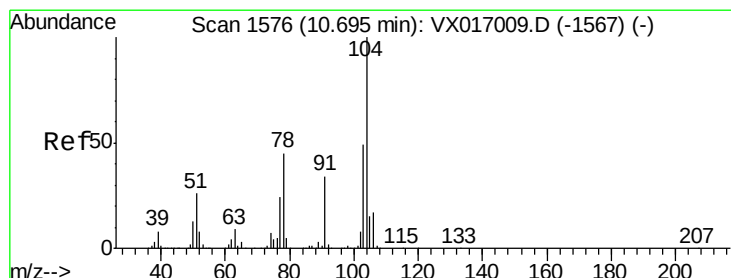
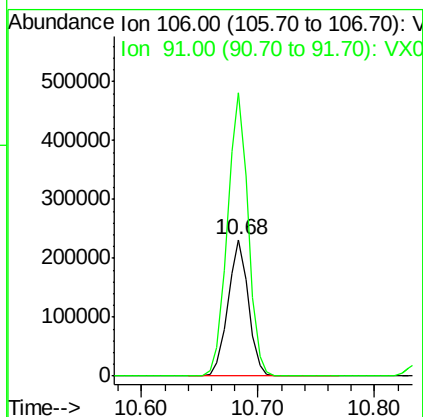
#69
o-Xylene
Concen: 51.795 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Tot Ion	Ratio	Resp	Lower	Upper
106	100	280660		
91	211.1	105.6	316.7	

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

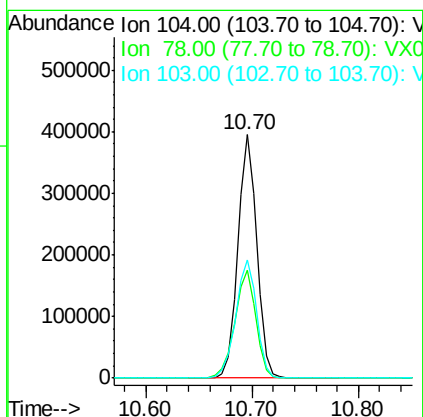
Manual Integrations
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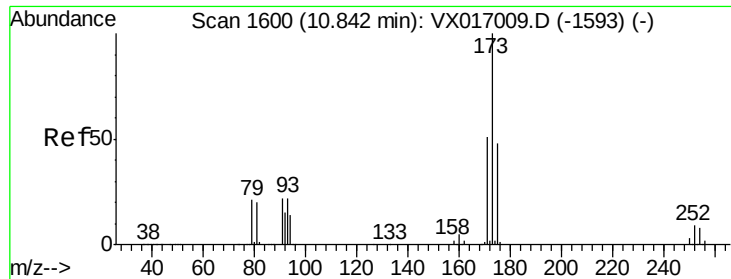
MMDadoda
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#70
Styrene
Concen: 53.584 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	494438		
78	49.4	39.5	59.3	
103	53.8	43.0	64.6	





#71

Bromoform

Concen: 53.250 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017009.D

Acq: 29 Jun 2020 15:21

Instrument :

MSVOA_X

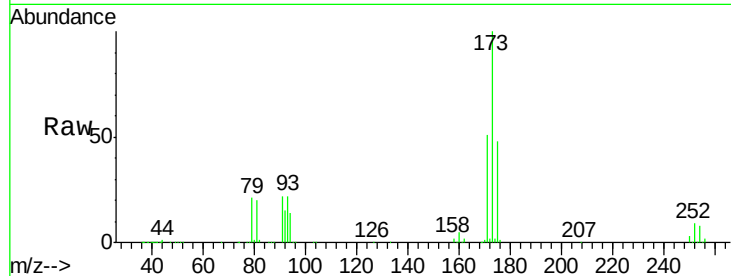
ClientSampleId :

VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	24.5	73.5
254	0.1	0.1	0.1#

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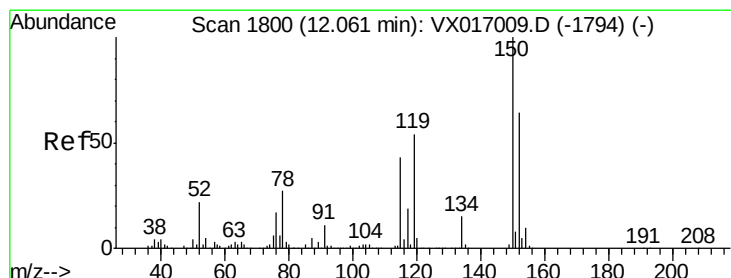
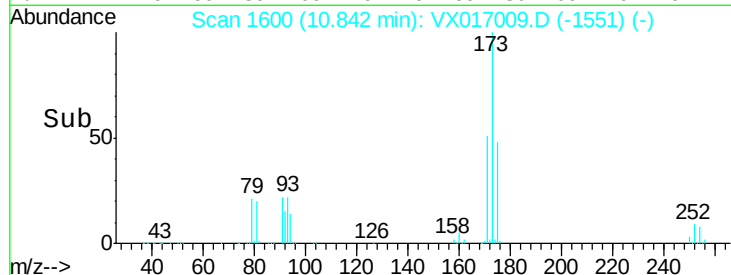
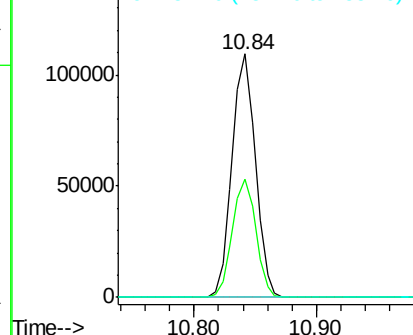


Abundance

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

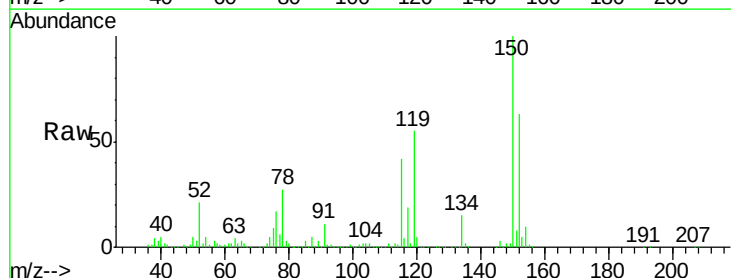
RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX017009.D

Acq: 29 Jun 2020 15:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	81.8	40.9	122.7
150	175.8	0.0	351.6

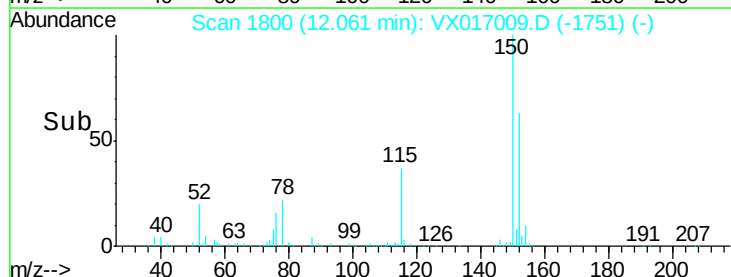
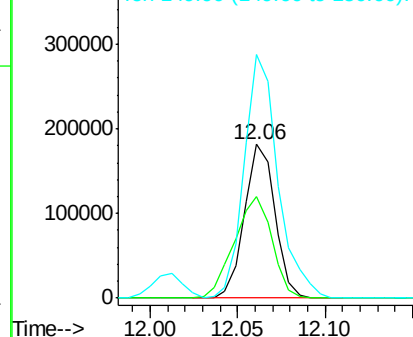


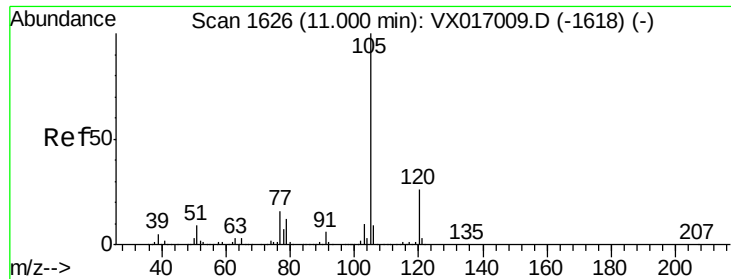
Abundance

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: 52.846 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX017009.D

Acq: 29 Jun 2020 15:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 760266

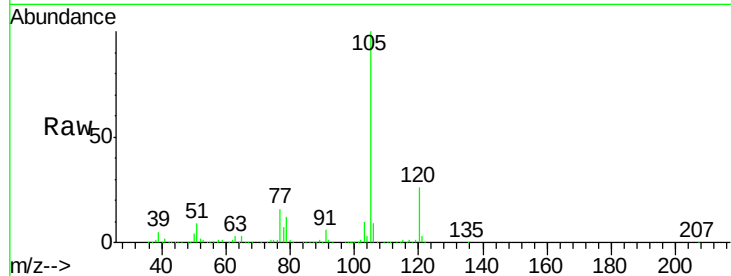
Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2

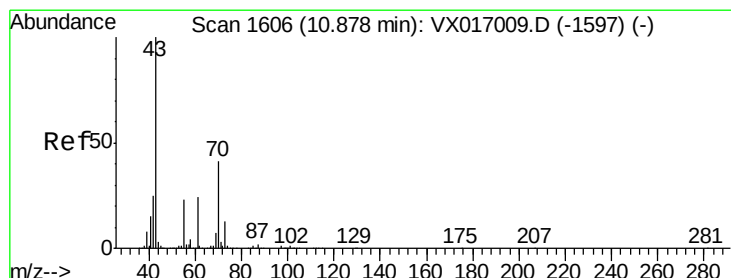
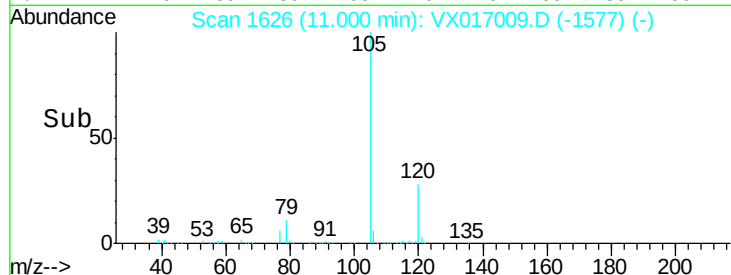
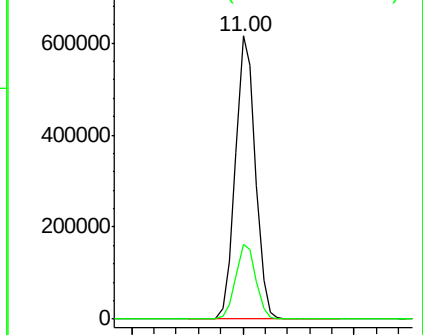
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 54.787 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX017009.D

Acq: 29 Jun 2020 15:21

Tgt Ion: 43 Resp: 336317

Ion Ratio Lower Upper

43 100

70 42.7 34.2 51.2

55 24.0 19.2 28.8

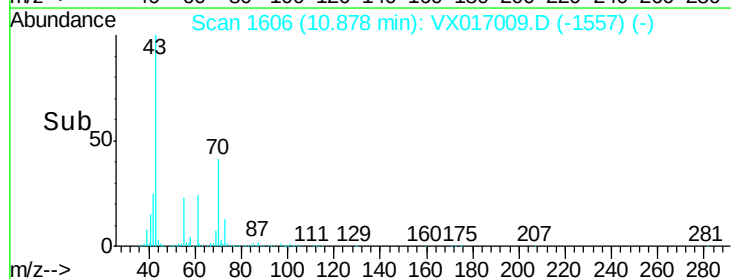
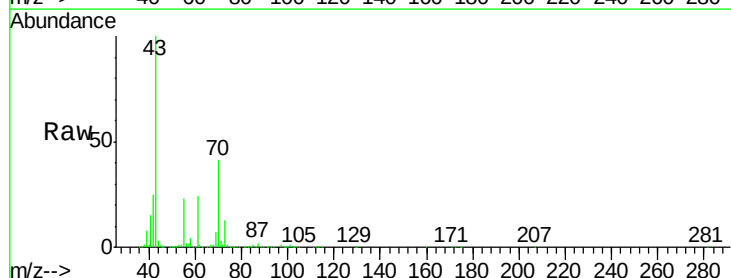
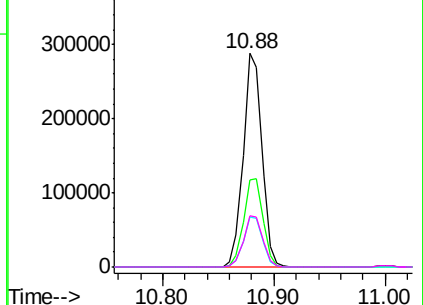
61 24.5 19.6 29.4

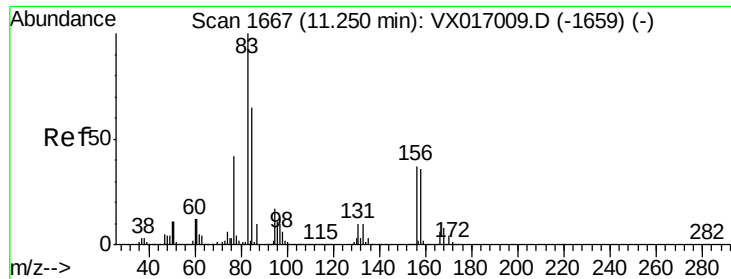
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.402 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX017009.D

Acq: 29 Jun 2020 15:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 83 Resp: 228087

Ion Ratio Lower Upper

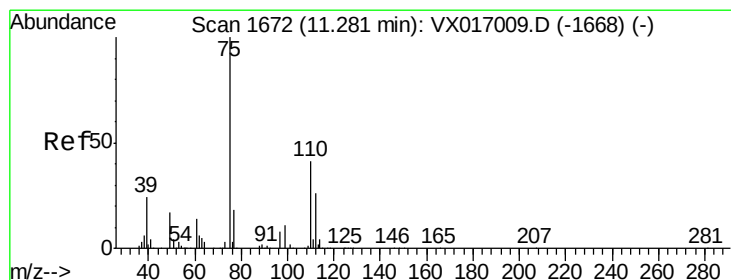
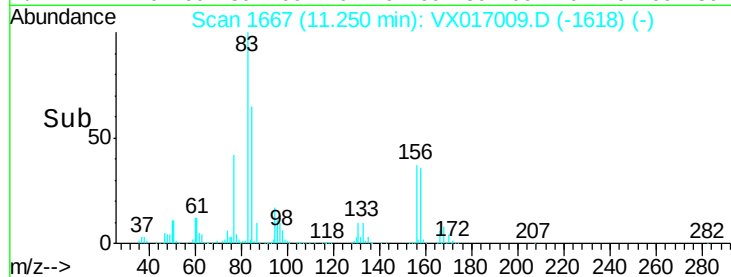
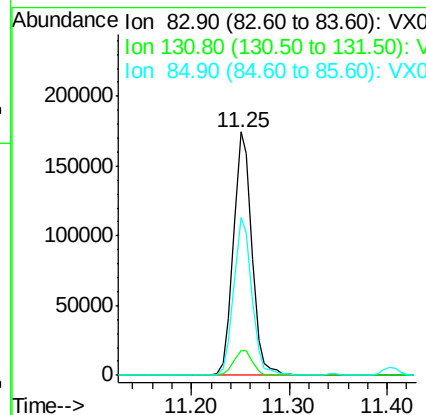
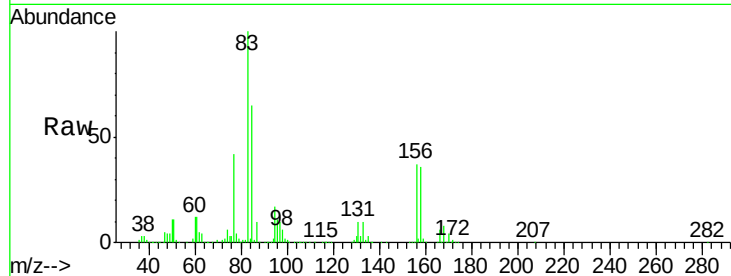
83 100

131 10.8 5.4 16.2

85 63.9 31.9 95.9

Manual Integrations
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6/30/2020 10:13:30 AM



#76

1,2,3-Trichloropropane

Concen: 41.990 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX017009.D

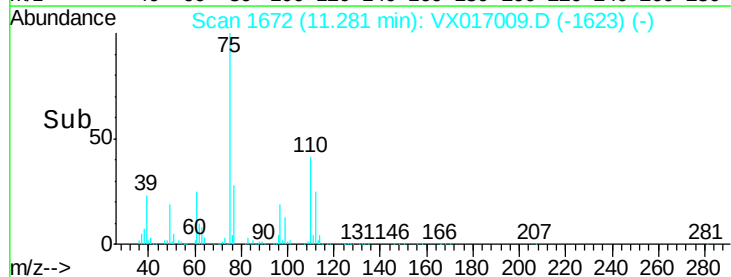
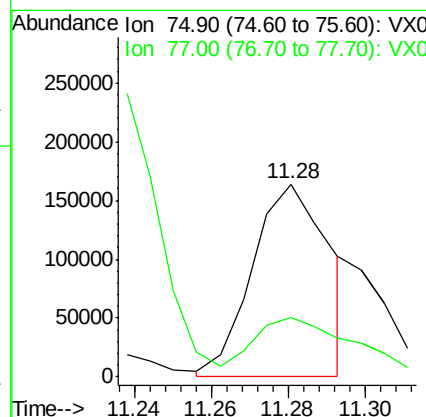
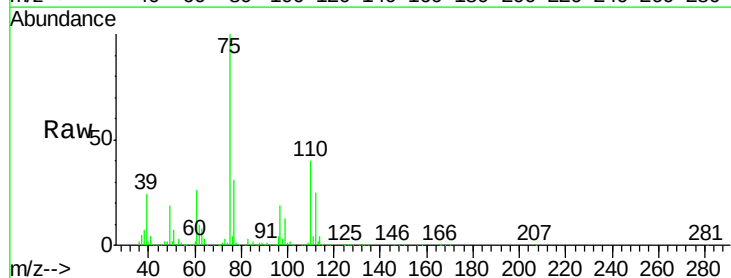
Acq: 29 Jun 2020 15:21

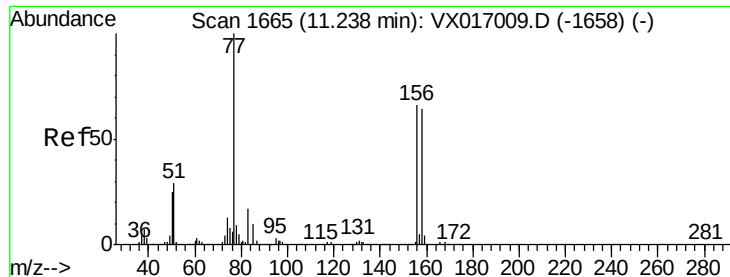
Tgt Ion: 75 Resp: 227127

Ion Ratio Lower Upper

75 100

77 40.4 20.2 60.6





#77

Bromobenzene

Concen: 50.552 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017009.D

Acq: 29 Jun 2020 15:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:156 Resp: 199879

Ion Ratio Lower Upper

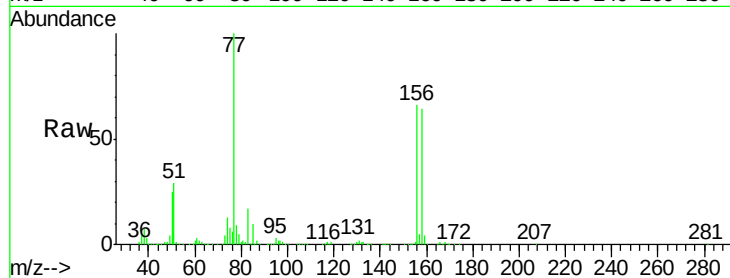
156 100

77 153.8 76.9 230.7

158 95.7 47.9 143.6

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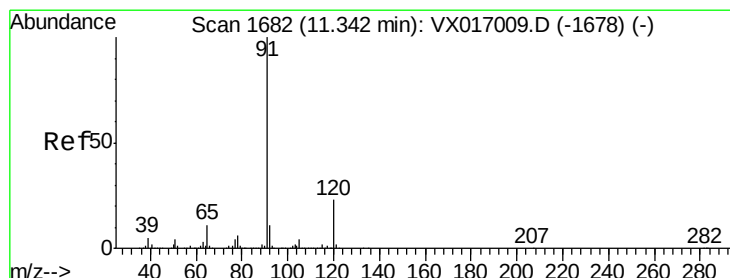
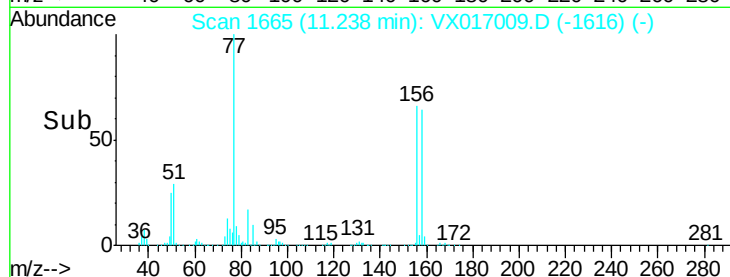
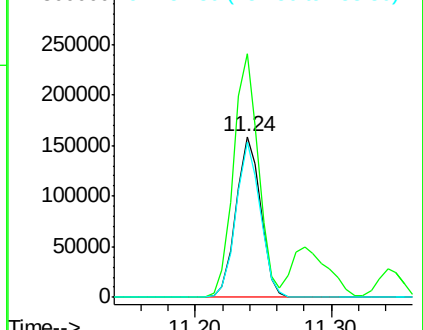
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.923 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX017009.D

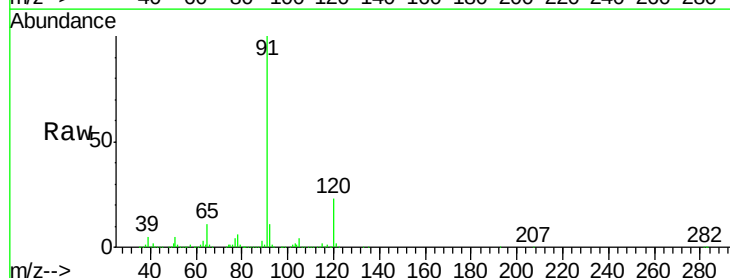
Acq: 29 Jun 2020 15:21

Tgt Ion: 91 Resp: 860988

Ion Ratio Lower Upper

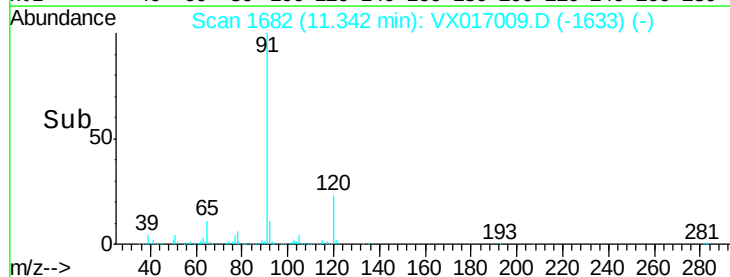
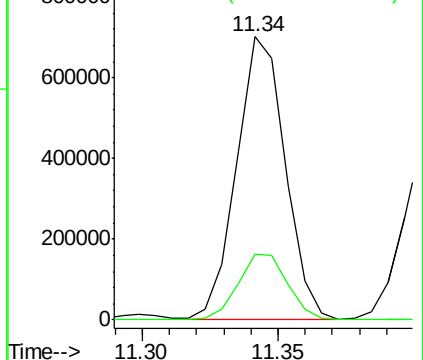
91 100

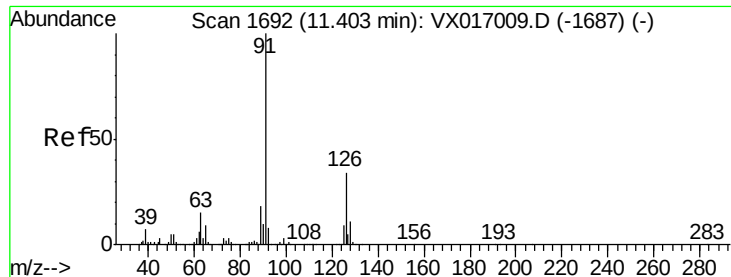
120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 52.489 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX017009.D

Acq: 29 Jun 2020 15:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 516807

Ion Ratio Lower Upper

91 100

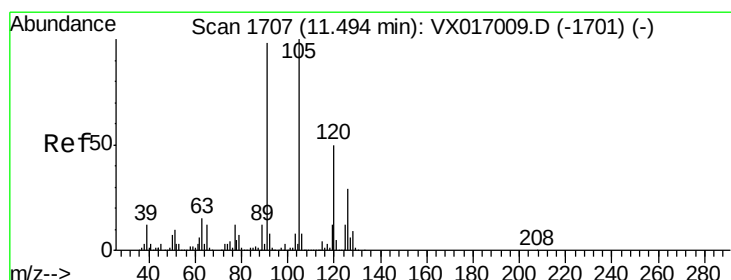
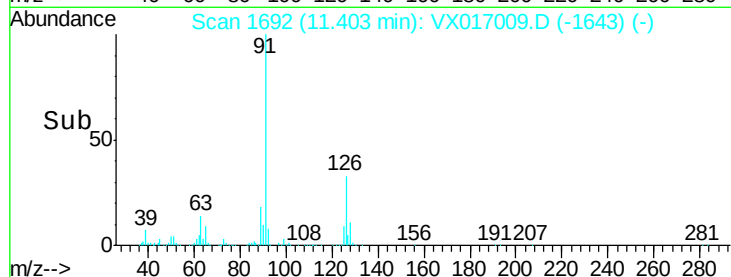
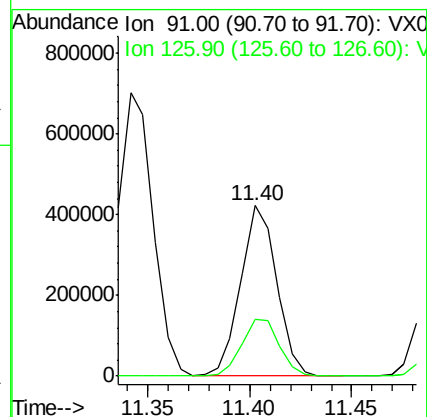
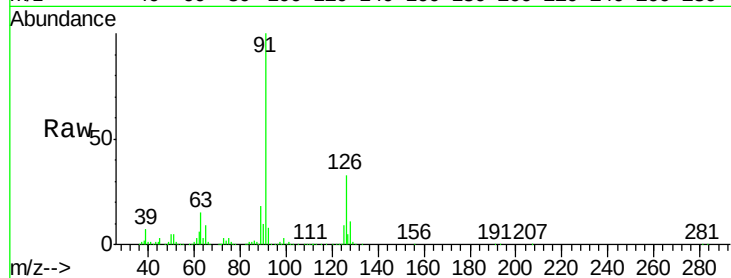
126 34.9 17.4 52.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 53.540 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017009.D

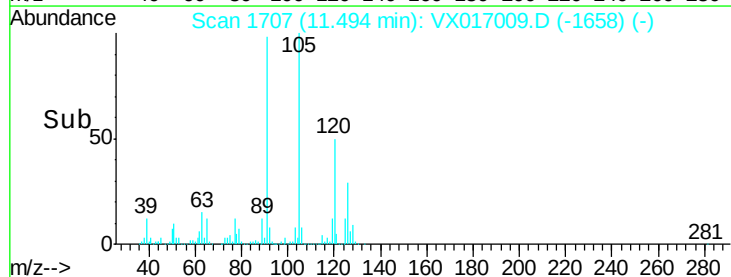
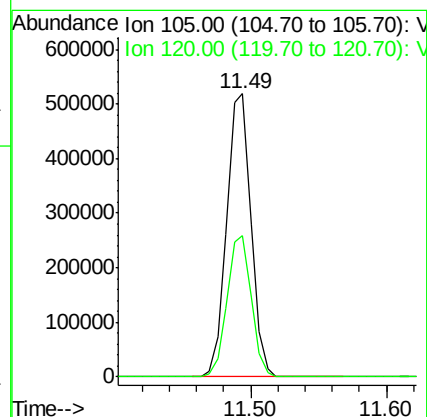
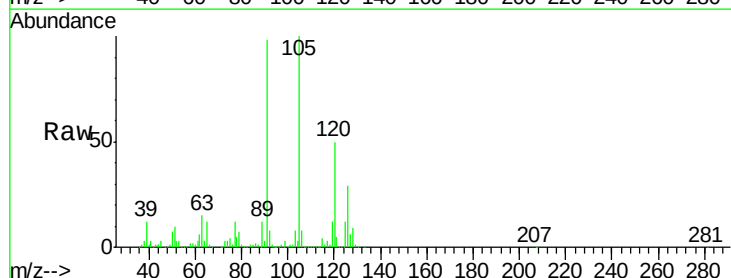
Acq: 29 Jun 2020 15:21

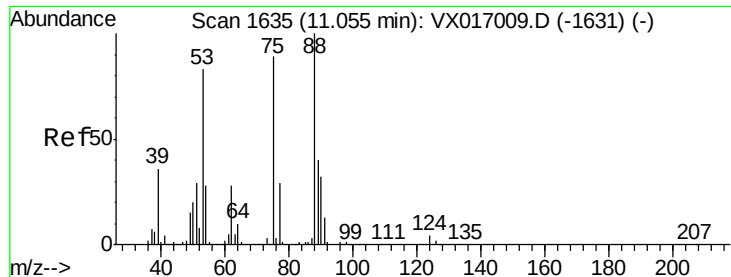
Tgt Ion: 105 Resp: 638907

Ion Ratio Lower Upper

105 100

120 49.7 24.9 74.6





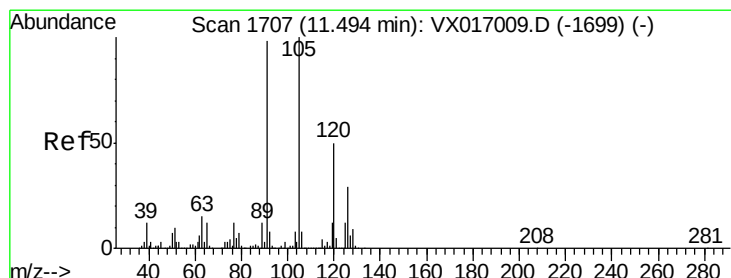
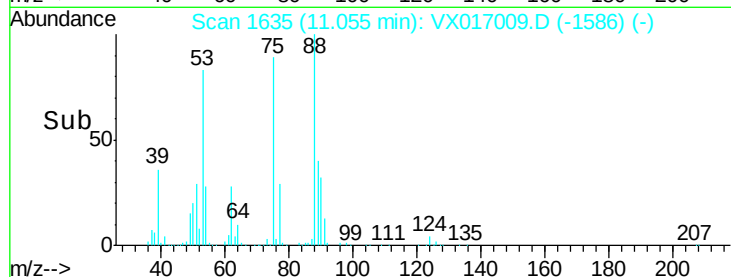
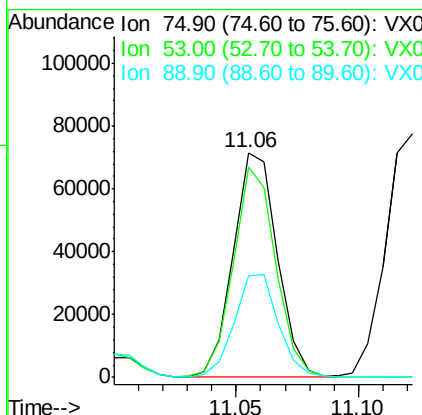
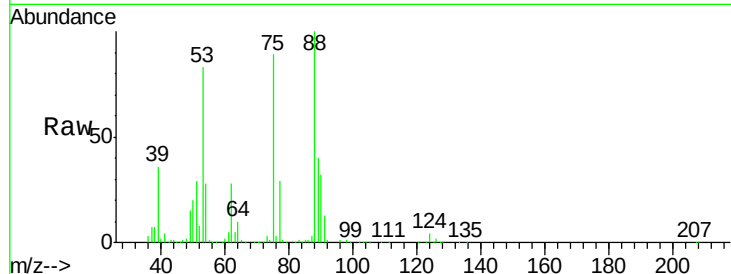
#81
trans-1,4-Dichloro-2-butene
Concen: 53.447 ug/l
RT: 11.06 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.4	72.4	108.6
89	46.1	37.0	55.4

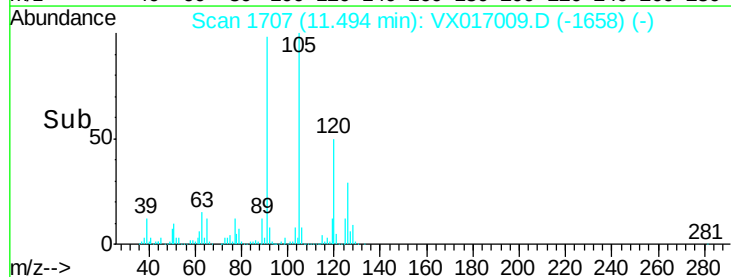
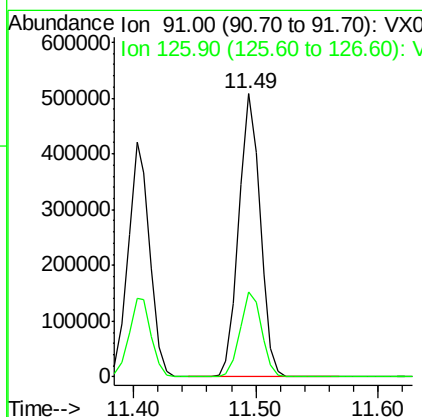
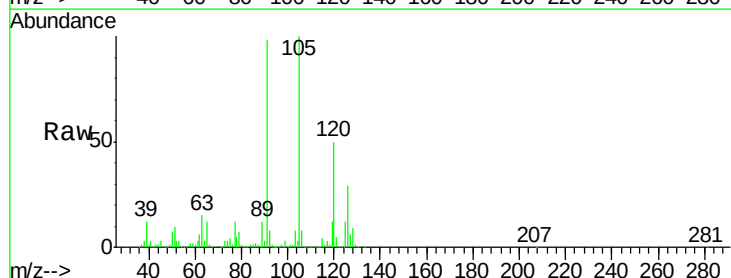
Manual Integrations
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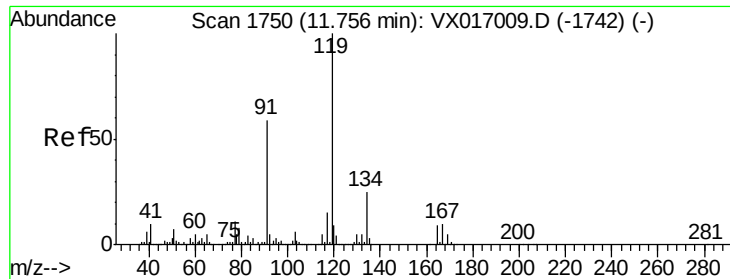
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#82
4-Chlorotoluene
Concen: 51.963 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.3	15.2	45.5





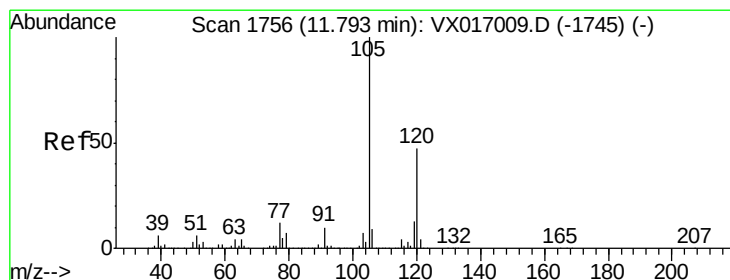
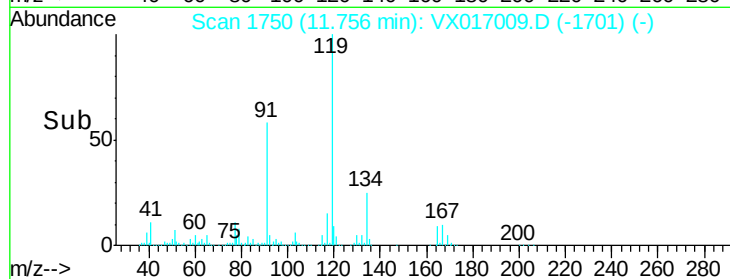
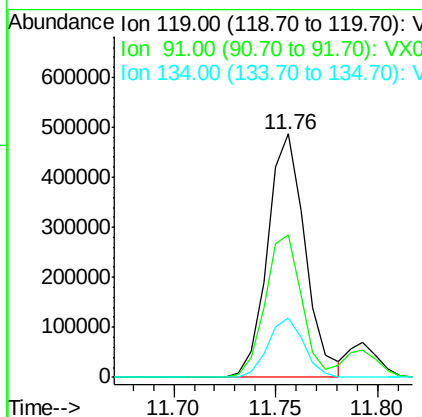
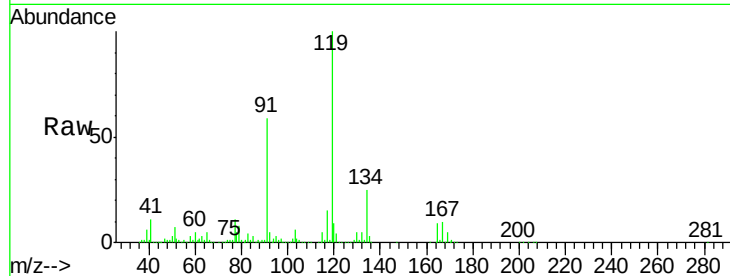
#83
tert-Butylbenzene
Concen: 53.384 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	625356		
91	56.6	28.3	84.9	
134	23.4	11.7	35.1	

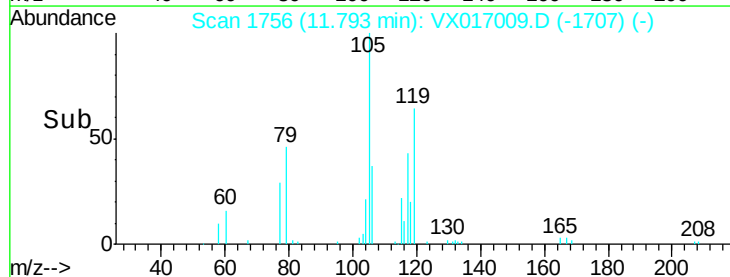
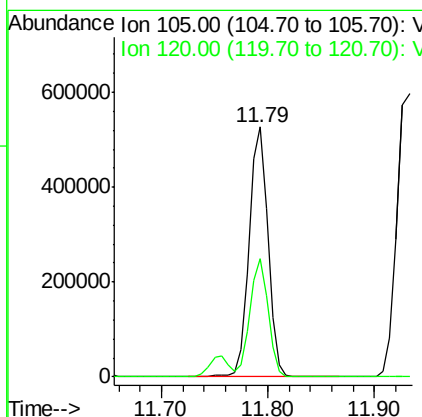
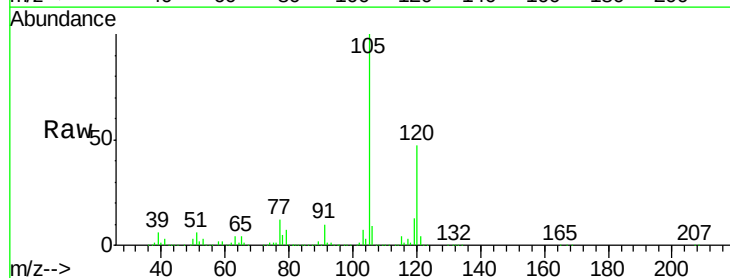
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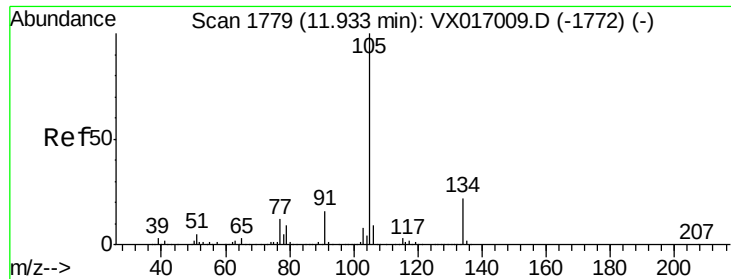
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#84
1,2,4-Trimethylbenzene
Concen: 54.116 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	655137		
120	45.7	22.9	68.5	





#85

sec-Butylbenzene

Concen: 53.405 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX017009.D

Acq: 29 Jun 2020 15:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 735368

Ion Ratio Lower Upper

105 100

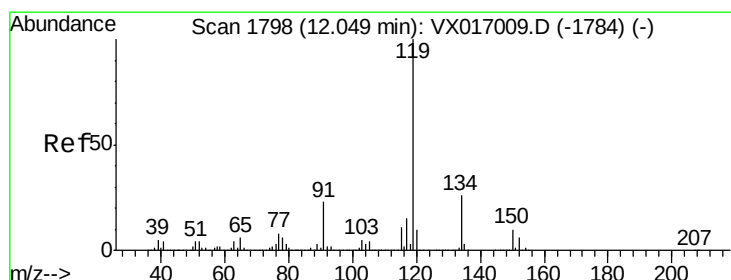
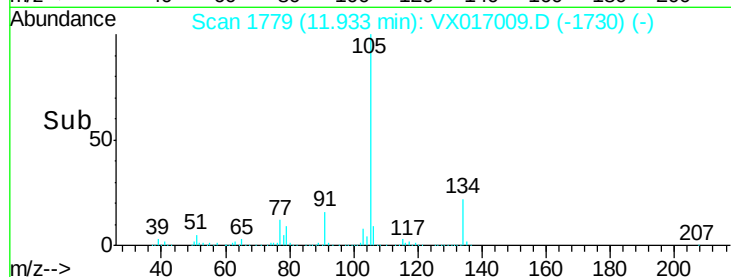
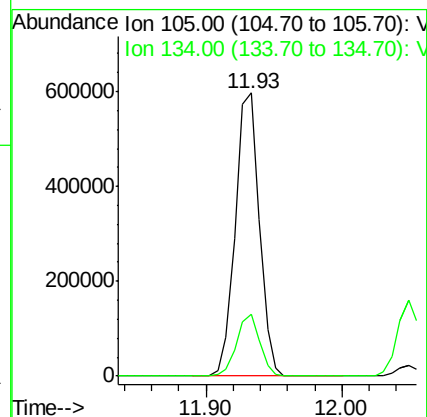
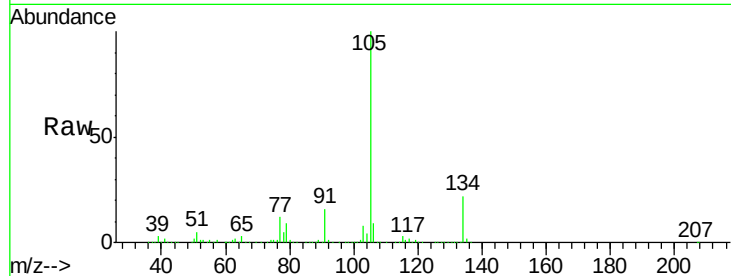
134 21.1 10.5 31.6

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#86

p-Isopropyltoluene

Concen: 54.581 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX017009.D

Acq: 29 Jun 2020 15:21

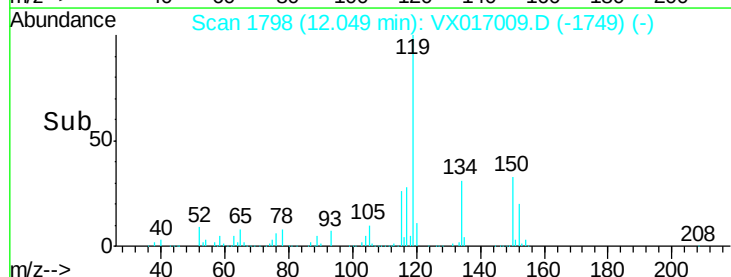
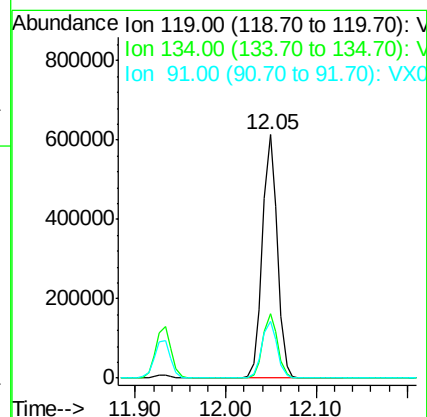
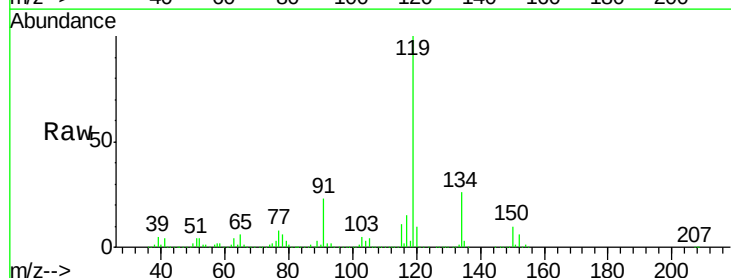
Tgt Ion:119 Resp: 699654

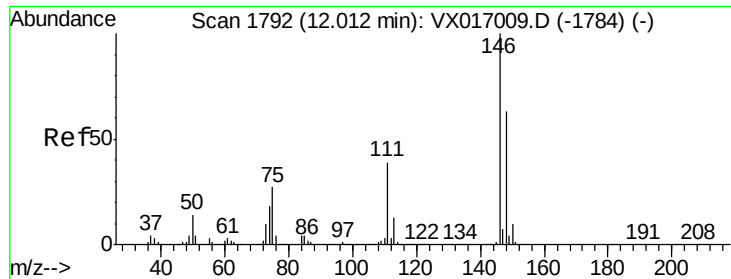
Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

91 23.6 11.8 35.4





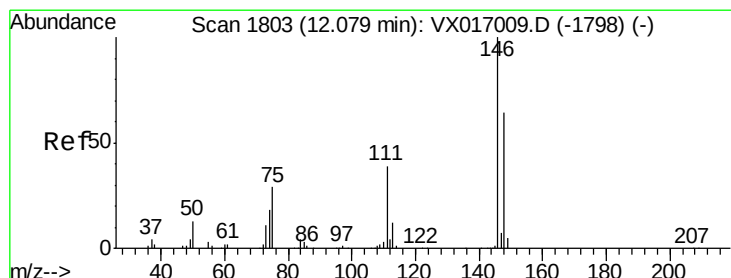
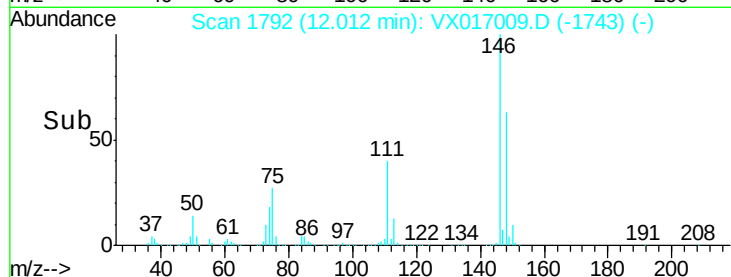
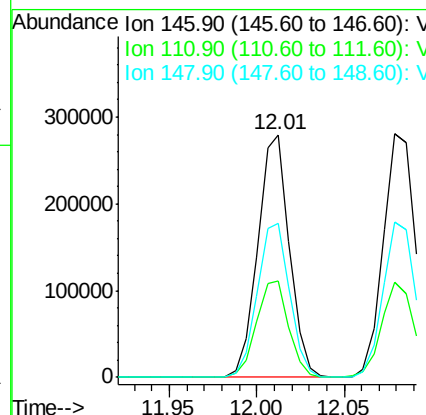
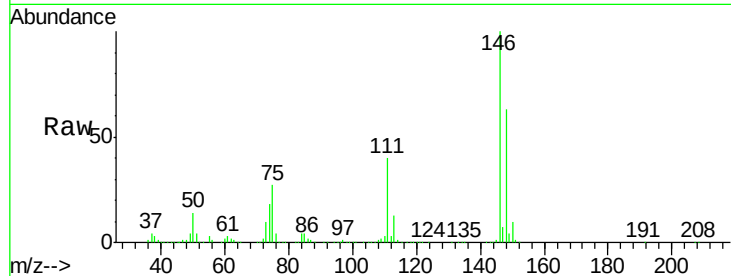
#87
 1,3-Dichlorobenzene
 Concen: 48.800 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017009.D
 Acq: 29 Jun 2020 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.4	61.2
148	65.0	32.5	97.5

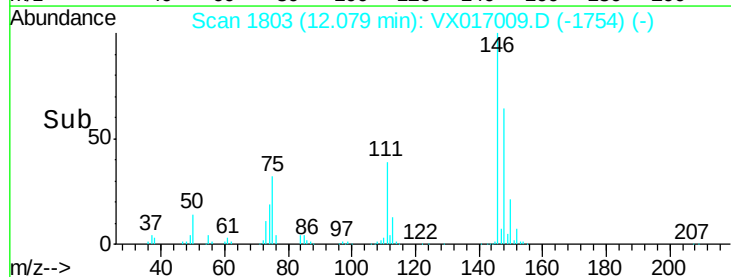
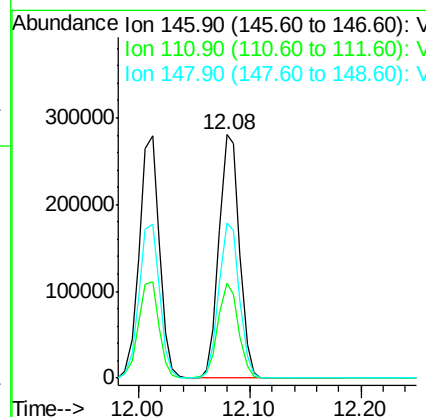
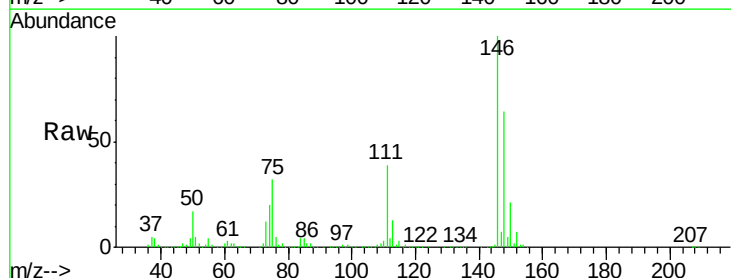
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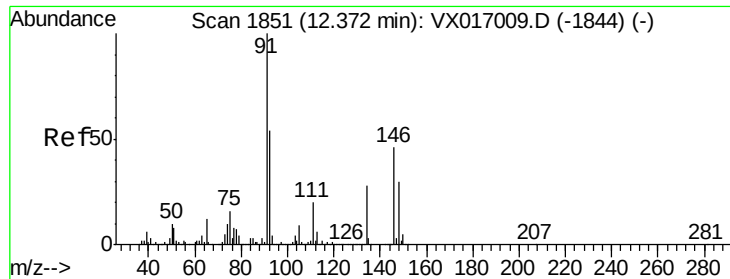
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#88
 1,4-Dichlorobenzene
 Concen: 49.584 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX017009.D
 Acq: 29 Jun 2020 15:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.5	58.5
148	63.8	31.9	95.7





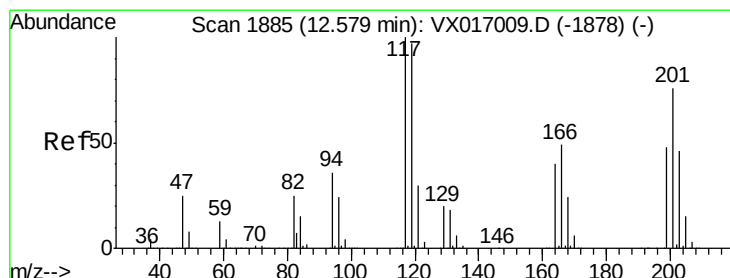
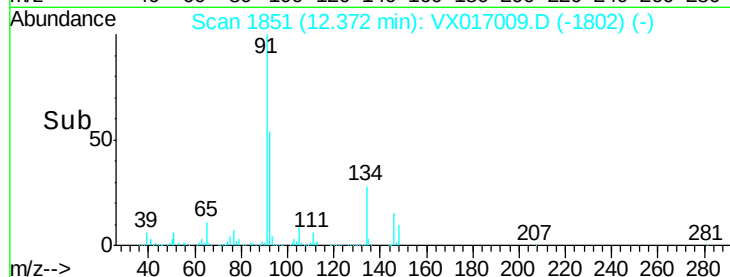
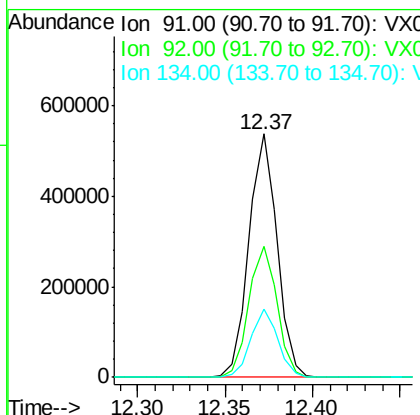
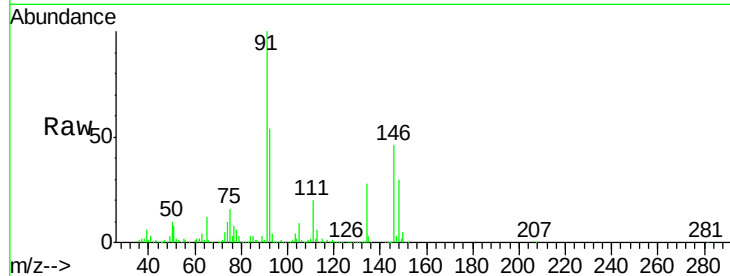
#89
n-Butylbenzene
Concen: 52.391 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.2	81.6
134	27.1	13.6	40.7

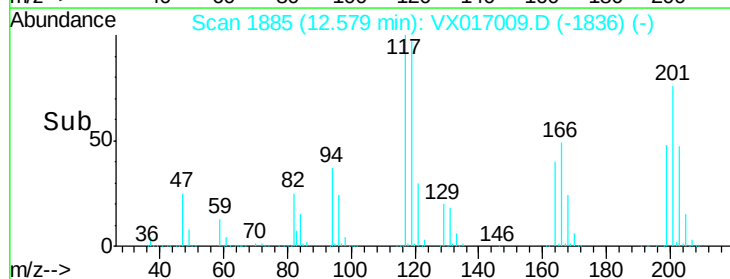
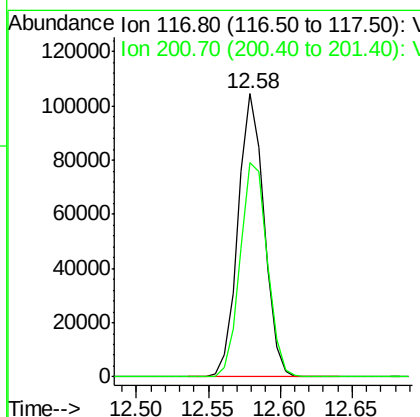
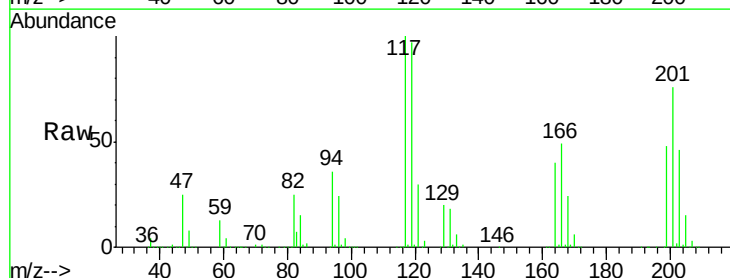
Manual Integrations
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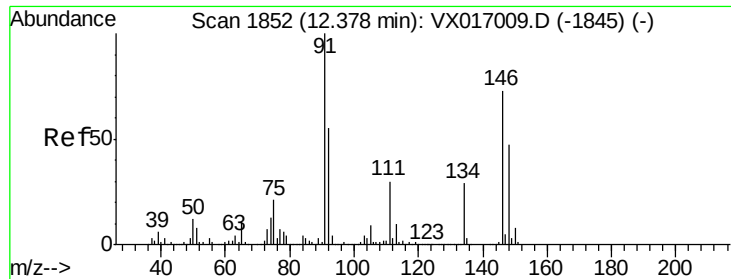
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#90
Hexachloroethane
Concen: 51.811 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.8	39.4	118.2





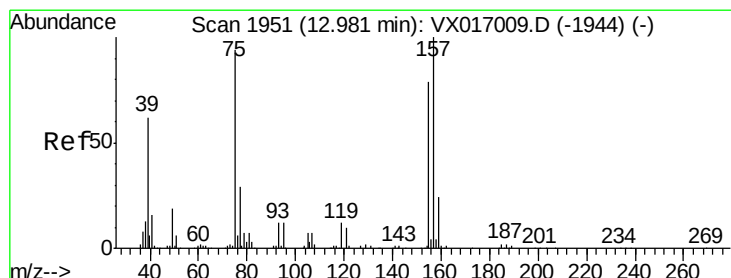
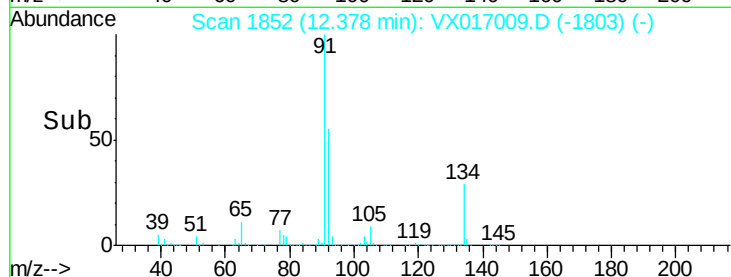
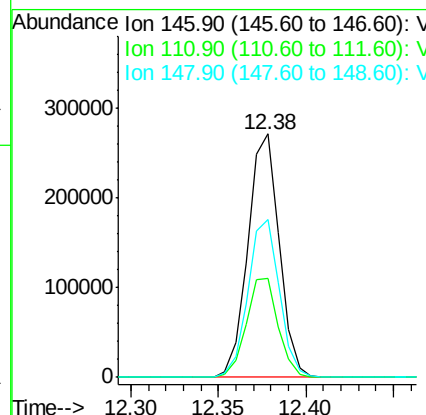
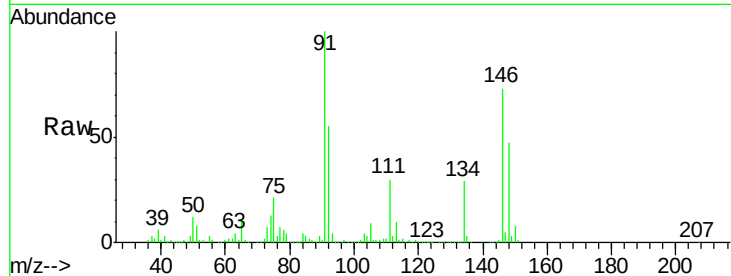
#91
 1,2-Dichlorobenzene
 Concen: 50.295 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017009.D
 Acq: 29 Jun 2020 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.6	61.9
148	64.8	32.4	97.2

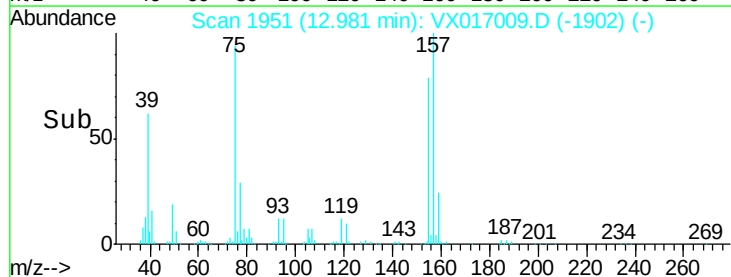
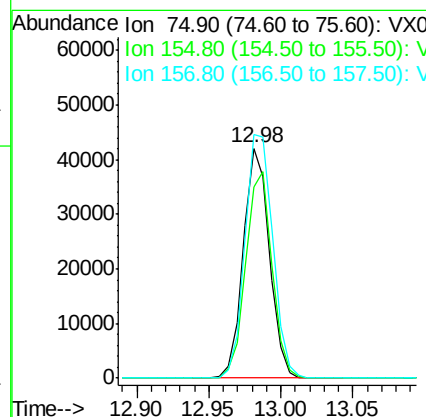
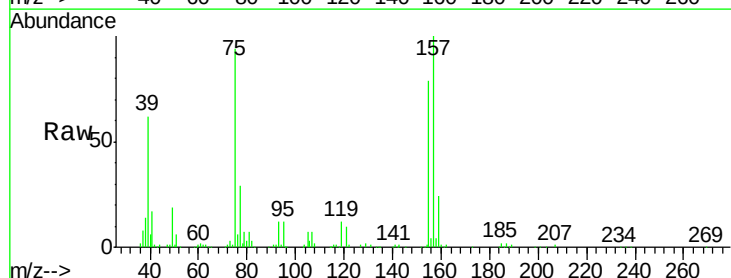
Manual Integrations
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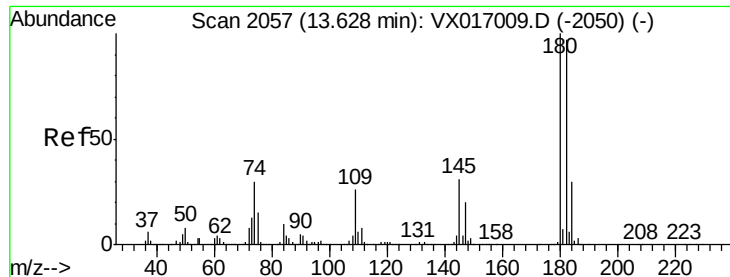
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.124 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017009.D
 Acq: 29 Jun 2020 15:21

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.1	45.1	135.2
157	112.9	56.5	169.3





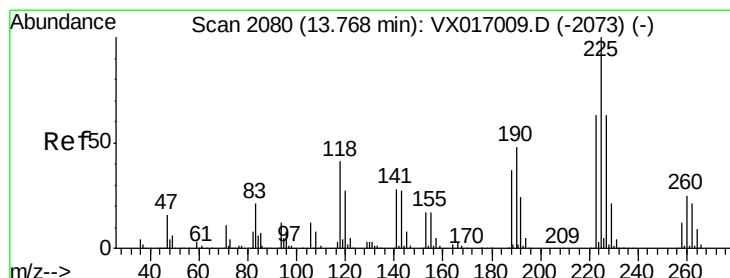
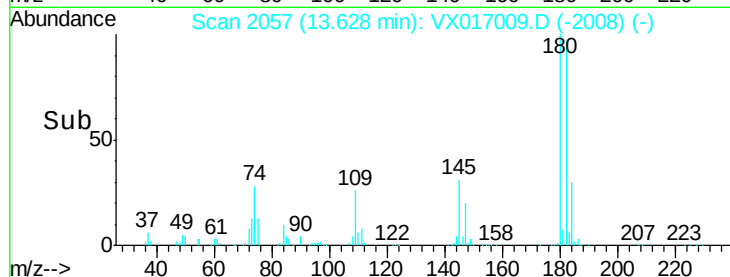
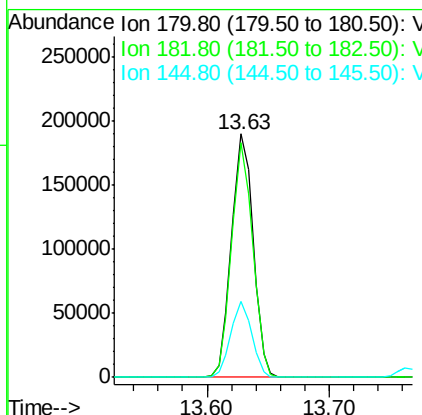
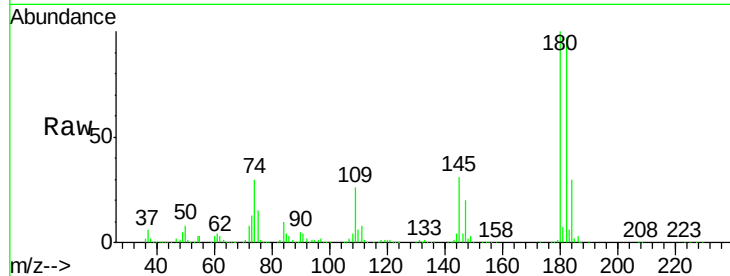
#93
 1,2,4-Trichlorobenzene
 Concen: 50.469 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017009.D
 Acq: 29 Jun 2020 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.3	141.9
145	30.8	15.4	46.2

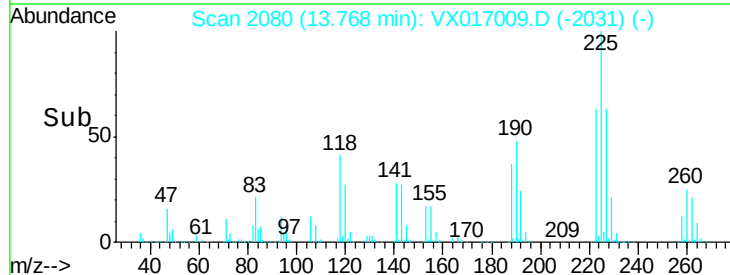
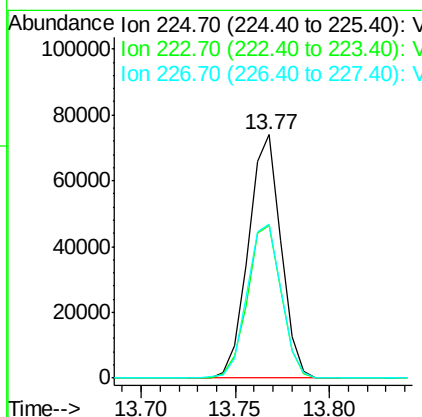
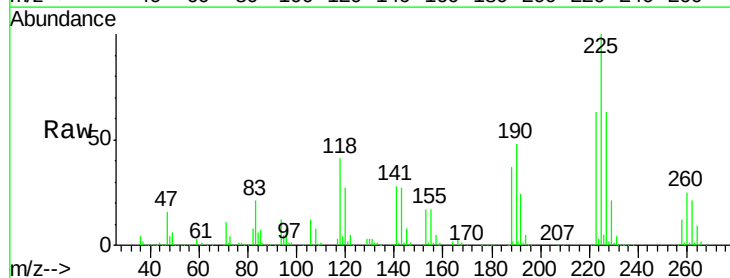
Manual Integrations
 APPROVED

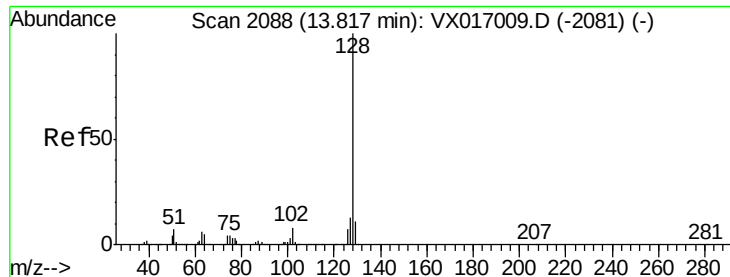
MMDadoda
 6/30/2020 10:13:30 AM



#94
 Hexachlorobutadiene
 Concen: 47.964 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017009.D
 Acq: 29 Jun 2020 15:21

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.0	32.5	97.5
227	66.1	33.1	99.2





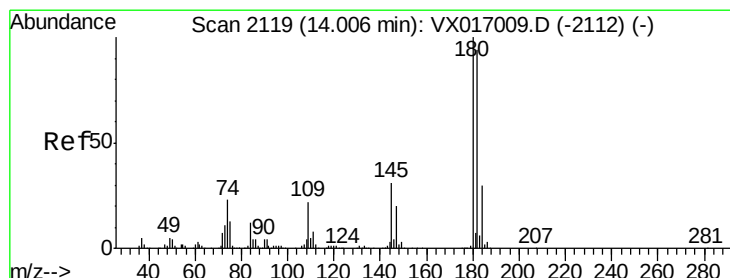
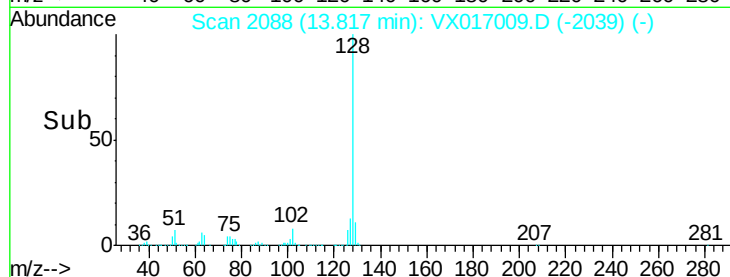
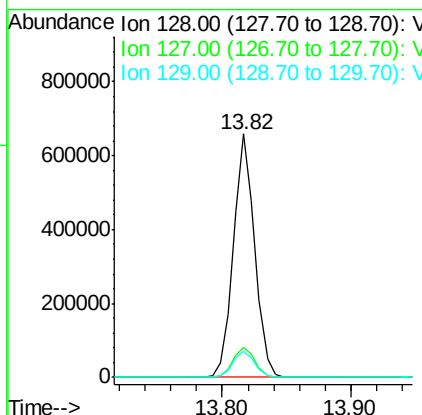
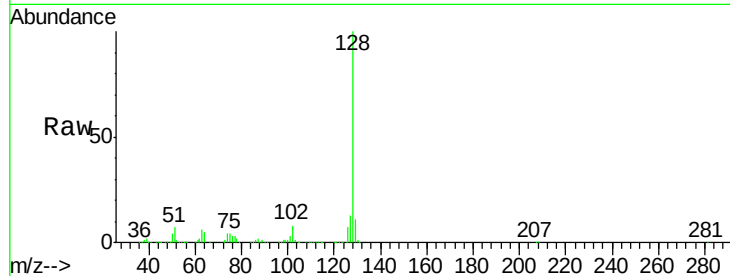
#95
Naphthalene
Concen: 54.553 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	759862		
127	12.8		10.2	15.4
129	10.9		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
6/30/2020 10:13:30 AM



#96
1,2,3-Trichlorobenzene
Concen: 51.297 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VX017009.D
Acq: 29 Jun 2020 15:21

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	227446		
182	94.3		47.1	141.4
145	33.1		16.6	49.7

