

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102120\
 Data File : VX019009.D
 Acq On : 21 Oct 2020 19:08
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 1:52:42 PM

Quant Time: Oct 22 17:57:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 01:25:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	263876	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	433672	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	404163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201393	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	144555	39.90	ug/l	0.00
Spiked Amount			Recovery	=	79.80%	
35) Dibromofluoromethane	5.47	113	129689	43.84	ug/l	0.00
Spiked Amount			Recovery	=	87.68%	
50) Toluene-d8	8.70	98	498724	46.10	ug/l	0.00
Spiked Amount			Recovery	=	92.20%	
62) 4-Bromofluorobenzene	11.12	95	178723	42.24	ug/l	0.00
Spiked Amount			Recovery	=	84.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	133402	53.138	ug/l	100
3) Chloromethane	1.31	50	127756	44.217	ug/l	100
4) Vinyl Chloride	1.39	62	154324	49.666	ug/l	100
5) Bromomethane	1.64	94	143347	68.727	ug/l	100
6) Chloroethane	1.71	64	104220	57.061	ug/l	100
7) Trichlorofluoromethane	1.92	101	257911	53.699	ug/l	100
8) Diethyl Ether	2.17	74	99198	57.566	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	118598	47.202	ug/l	100
10) Methyl Iodide	2.49	142	165831	59.723	ug/l	100
11) Tert butyl alcohol	3.03	59	152864	237.426	ug/l	100
12) 1,1-Dichloroethene	2.36	96	123192	48.362	ug/l	100
13) Acrolein	2.28	56	54783	145.871	ug/l	100
14) Allyl chloride	2.71	41	160530	34.299	ug/l	100
15) Acrylonitrile	3.12	53	301936	202.796	ug/l	100
16) Acetone	2.42	43	255861	186.948	ug/l	100
17) Carbon Disulfide	2.55	76	347865	46.067	ug/l	100
18) Methyl Acetate	2.75	43	131968	38.889	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	399320	45.395	ug/l	100
20) Methylene Chloride	2.84	84	140987	44.985	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	143005	48.066	ug/l	100
22) Diisopropyl ether	3.82	45	322554	36.504	ug/l	100
23) Vinyl Acetate	3.79	43	1547750	196.628	ug/l	100
24) 1,1-Dichloroethane	3.67	63	233548	44.193	ug/l	100
25) 2-Butanone	4.64	43	423928	198.659	ug/l	100
26) 2,2-Dichloropropane	4.55	77	215349	44.015	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	165318	49.466	ug/l	100
28) Bromochloromethane	4.98	49	97729	40.296	ug/l	100
29) Tetrahydrofuran	5.09	42	246469	185.740	ug/l	100
30) Chloroform	5.18	83	257883	47.592	ug/l	100
31) Cyclohexane	5.55	56	181347	41.707	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	233973	46.302	ug/l	100
36) 1,1-Dichloropropene	5.77	75	190628	45.978	ug/l	100
37) Ethyl Acetate	4.79	43	167034	38.922	ug/l	100
38) Carbon Tetrachloride	5.76	117	204919	45.044	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	215733	46.314	ug/l	100
40) Benzene	6.11	78	572752	47.783	ug/l	100
41) Methacrylonitrile	5.00	41	87393	36.761	ug/l	100
42) 1,2-Dichloroethane	6.16	62	197623	43.175	ug/l	100
43) Isopropyl Acetate	6.41	43	284438	39.777	ug/l	100
44) Trichloroethene	7.19	130	165036	47.579	ug/l	100
45) 1,2-Dichloropropane	7.49	63	136658	42.262	ug/l	100
46) Dibromomethane	7.64	93	103364	46.076	ug/l	100
47) Bromodichloromethane	7.87	83	208074	46.076	ug/l	100
48) Methyl methacrylate	7.74	41	134337	38.866	ug/l	100
49) 1,4-Dioxane	7.73	88	62299	1026.354	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	859339	202.257	ug/l	100
52) Toluene	8.76	92	381155	50.075	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	233197	45.490	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	247174	46.751	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	154137	49.086	ug/l	100
56) Ethyl methacrylate	9.16	69	228723	49.486	ug/l	100
57) 1,3-Dichloropropane	9.35	76	248018	47.297	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	580645	237.397	ug/l	100
59) 2-Hexanone	9.47	43	641676	199.461	ug/l	100
60) Dibromochloromethane	9.57	129	174963	47.152	ug/l	100
61) 1,2-Dibromoethane	9.65	107	167228	50.053	ug/l	100
64) Tetrachloroethene	9.32	164	144716	45.915	ug/l	100
65) Chlorobenzene	10.12	112	421844	50.516	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	156585	47.372	ug/l	100
67) Ethyl Benzene	10.23	91	728700	50.675	ug/l	100
68) m/p-Xylenes	10.34	106	569828	103.974	ug/l	100
69) o-Xylene	10.68	106	271712	52.402	ug/l	100
70) Styrene	10.70	104	465716	52.376	ug/l	100
71) Bromoform	10.84	173	127074	46.249	ug/l	100
73) Isopropylbenzene	11.00	105	733699	53.814	ug/l	100
74) N-amyl acetate	10.88	43	239304	41.148	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	220497	49.447	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	202757m	48.214	ug/l	
77) Bromobenzene	11.24	156	182472	49.076	ug/l	100
78) n-propylbenzene	11.34	91	827128	52.214	ug/l	100
79) 2-Chlorotoluene	11.40	91	480294	50.343	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	607065	52.435	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	81333	49.509	ug/l	100
82) 4-Chlorotoluene	11.49	91	569306	50.216	ug/l	100
83) tert-Butylbenzene	11.76	119	602943	53.438	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	611538	52.567	ug/l	100
85) sec-Butylbenzene	11.93	105	723836	54.167	ug/l	100
86) p-Isopropyltoluene	12.05	119	663815	54.284	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	325365	48.774	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	330320	48.774	ug/l	100
89) n-Butylbenzene	12.37	91	593492	52.527	ug/l	100
90) Hexachloroethane	12.58	117	105750	44.543	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	312949	49.905	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	48822	46.069	ug/l	100

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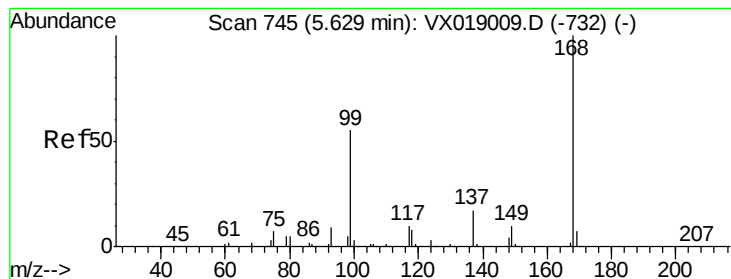
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	220613	50.258	ug/l	100
94) Hexachlorobutadiene	13.76	225	99443	53.378	ug/l	100
95) Naphthalene	13.82	128	728927	54.900	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	218148	52.010	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

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Acq: 21 Oct 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 263876

Ion Ratio Lower Upper

168 100

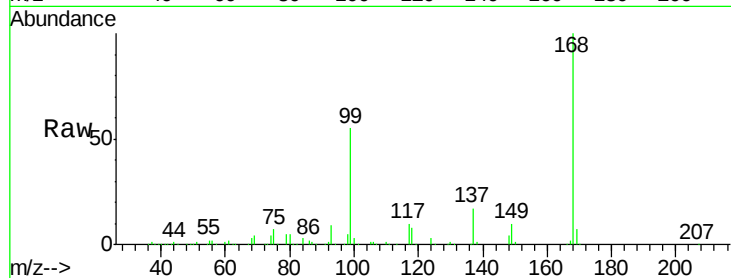
99 55.2 44.2 66.2

Manual Integrations

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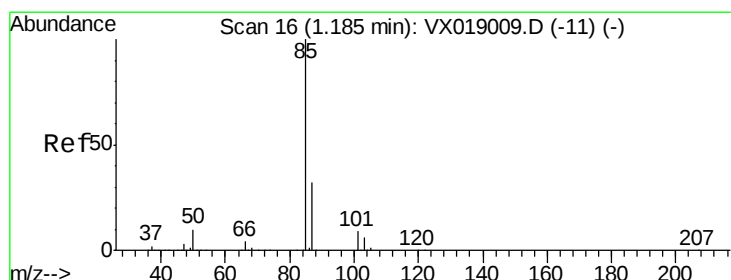
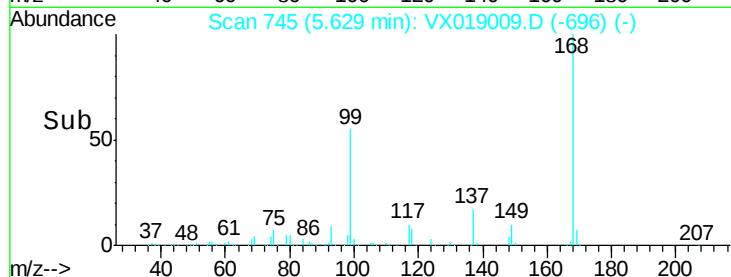
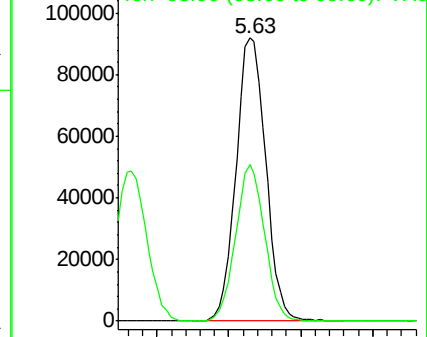
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 53.138 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019009.D

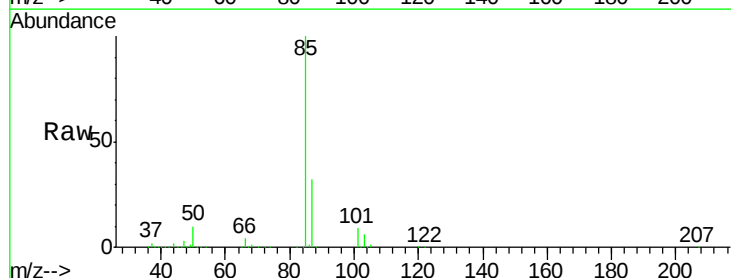
Acq: 21 Oct 2020 19:08

Tgt Ion: 85 Resp: 133402

Ion Ratio Lower Upper

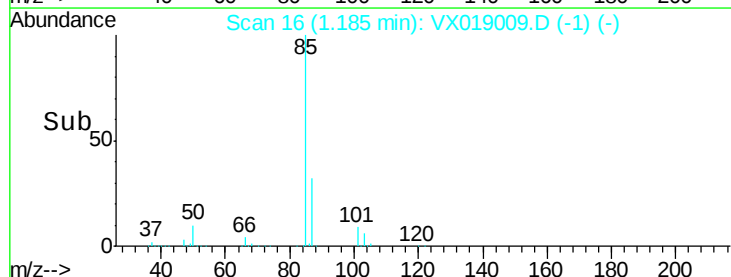
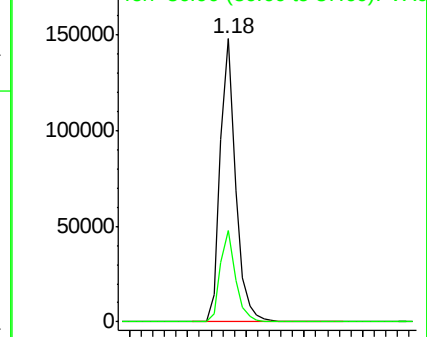
85 100

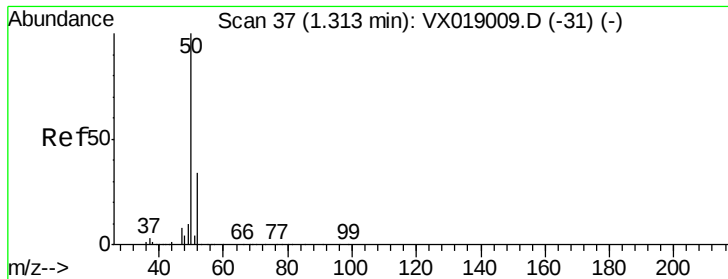
87 32.4 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 44.217 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019009.D

Acq: 21 Oct 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 127756

Ion Ratio Lower Upper

50 100

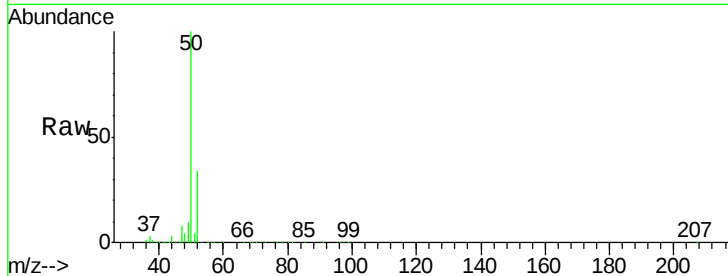
52 33.8 27.0 40.6

Manual Integrations

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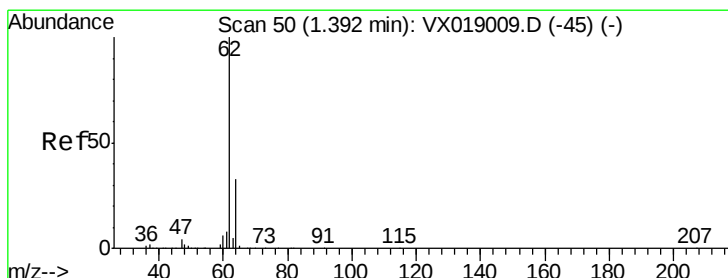
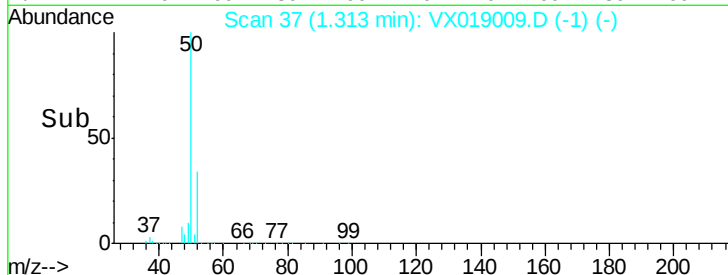
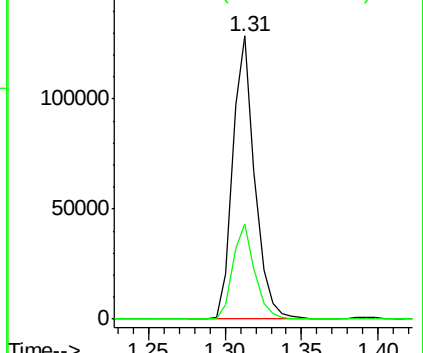
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 49.666 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019009.D

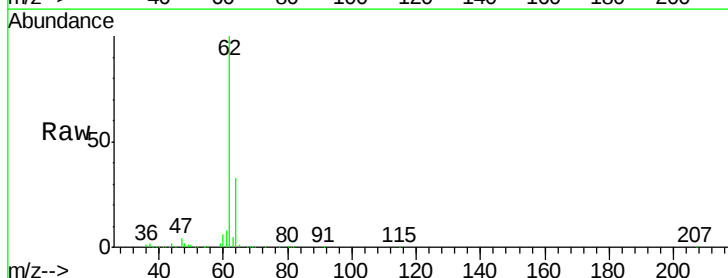
Acq: 21 Oct 2020 19:08

Tgt Ion: 62 Resp: 154324

Ion Ratio Lower Upper

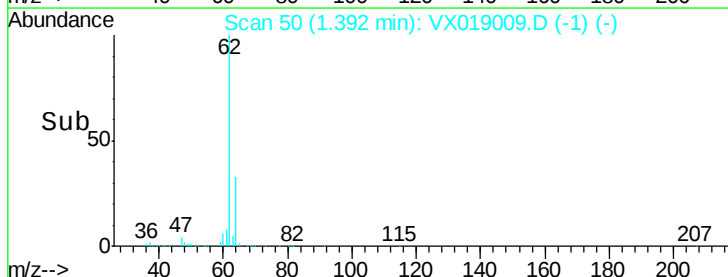
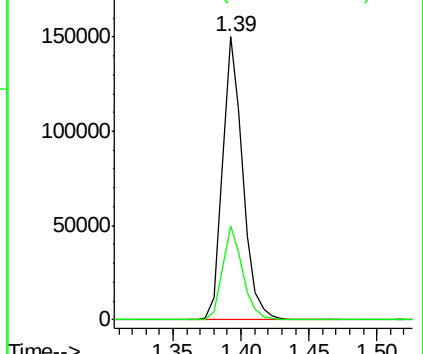
62 100

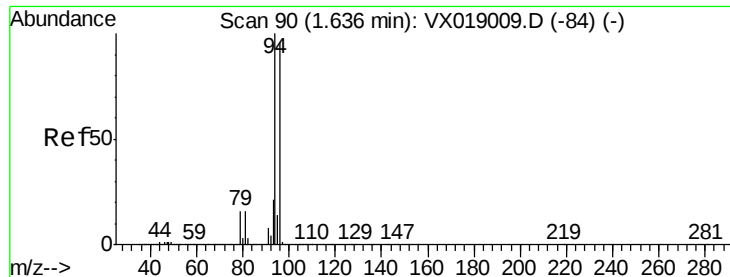
64 33.1 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 68.727 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX019009.D

Acq: 21 Oct 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 143347

Ion Ratio Lower Upper

94 100

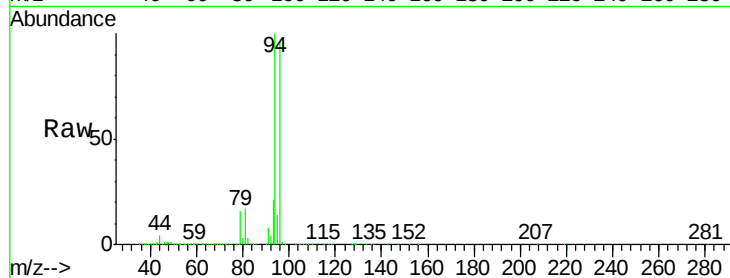
96 96.4 77.1 115.7

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

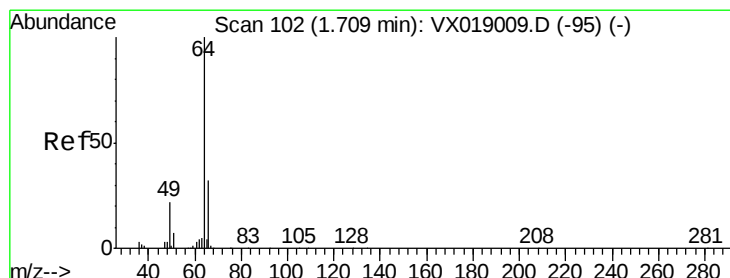
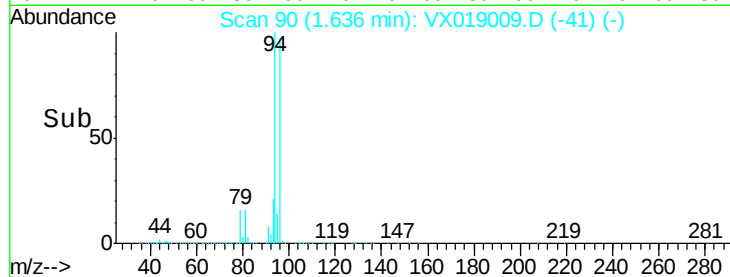
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100000

50000

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Time-->



#6

Chloroethane

Concen: 57.061 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX019009.D

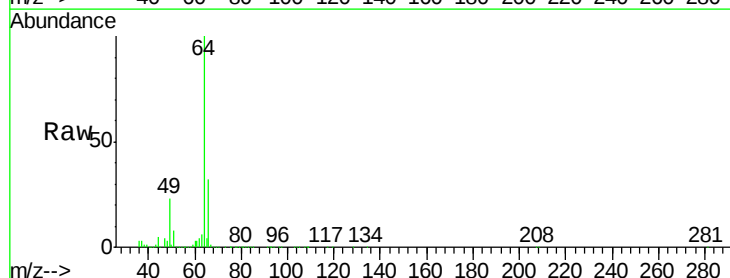
Acq: 21 Oct 2020 19:08

Tgt Ion: 64 Resp: 104220

Ion Ratio Lower Upper

64 100

66 32.1 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

80000

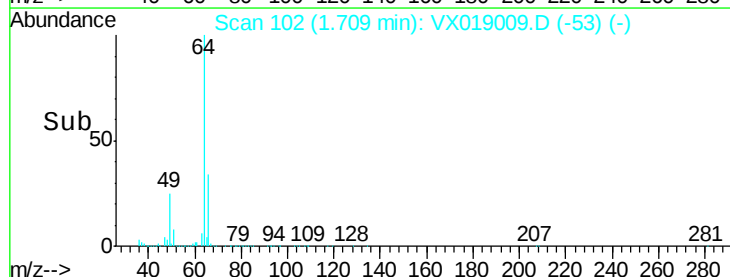
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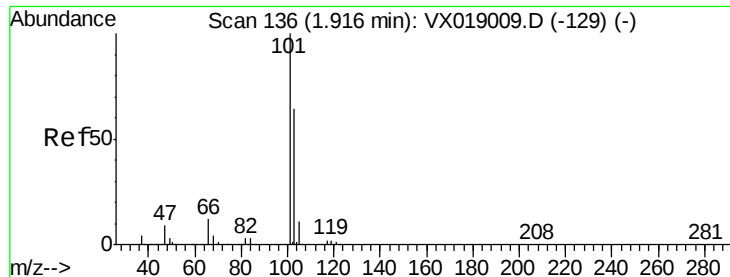
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#7

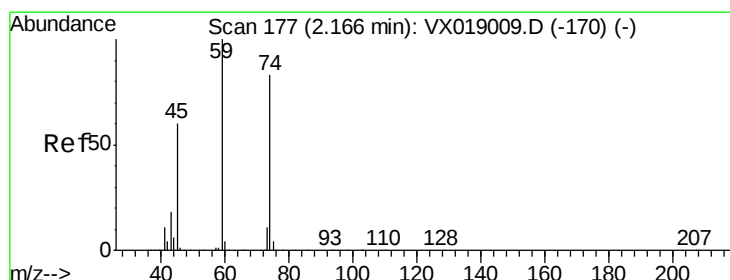
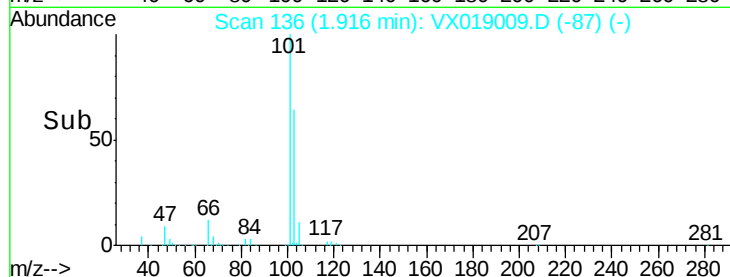
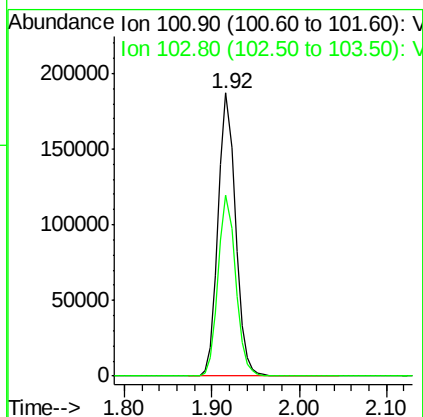
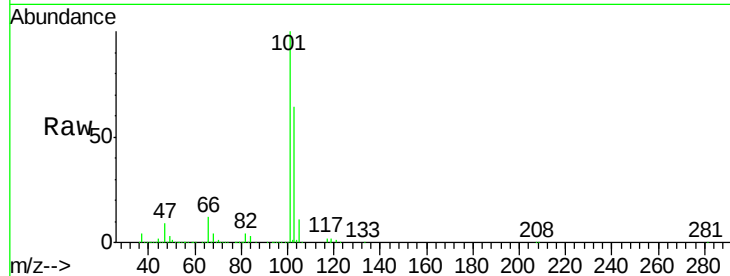
Trichlorofluoromethane
Concen: 53.699 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX019009.D
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Tot Ion	Ratio	Resp	Lower	Upper
101	100	257911		
103	64.0	51.2	76.8	

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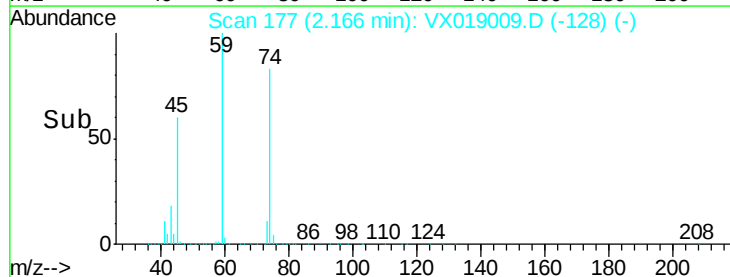
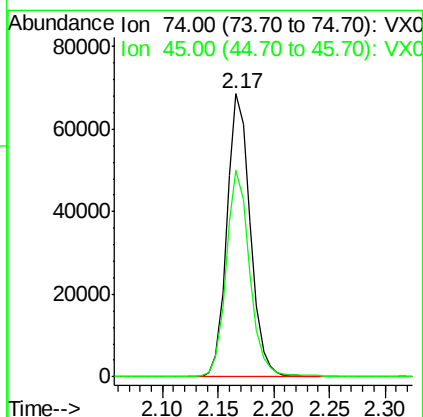
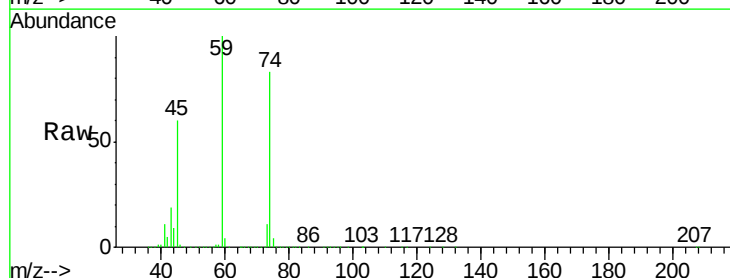
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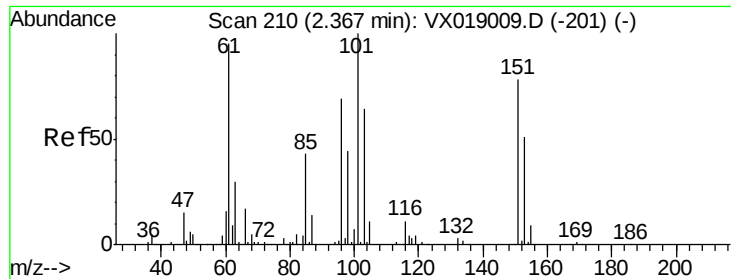


#8

Diethyl Ether
Concen: 57.566 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019009.D
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Tgt Ion	Ratio	Resp	Lower	Upper
74	100	99198		
45	73.6	36.8	110.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.202 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX019009.D

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Instrument :

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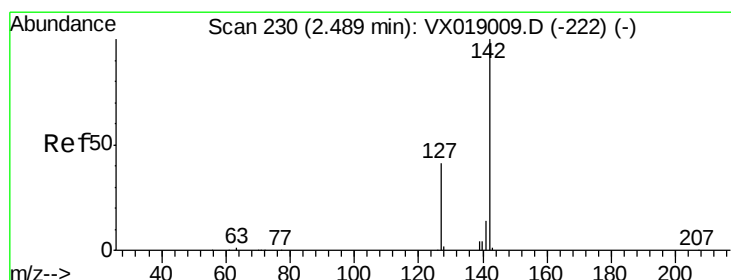
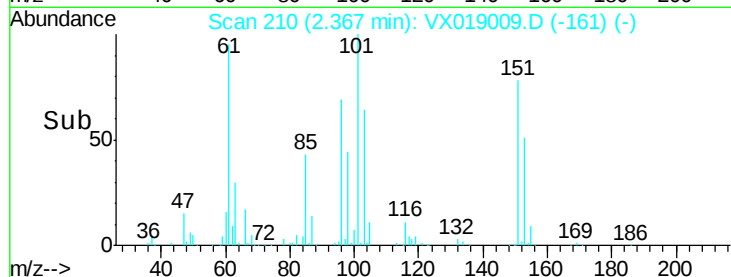
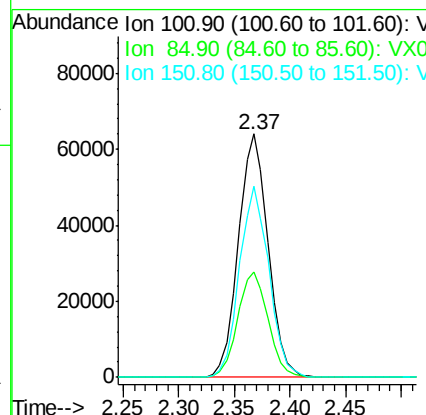
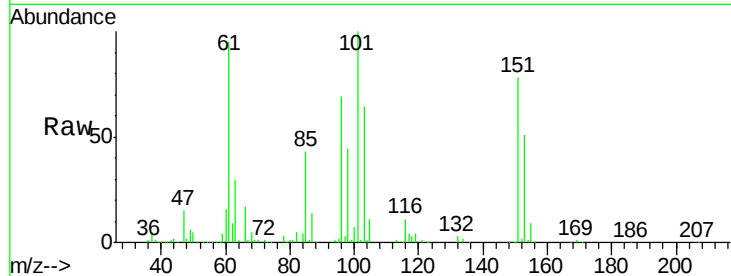
ClientSampleId :

VSTDICCC050

Tot Ion:	101	Resp:	118598
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.2	52.8
151	78.0	62.4	93.6

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#10

Methyl Iodide

Concen: 59.723 ug/l

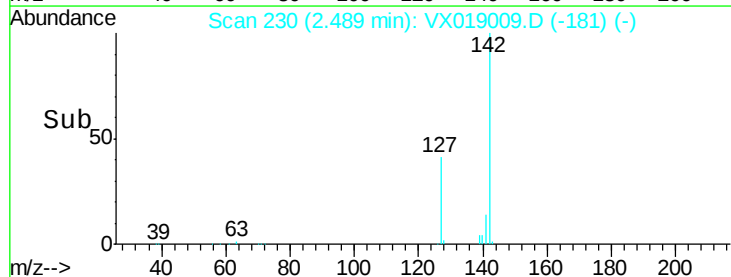
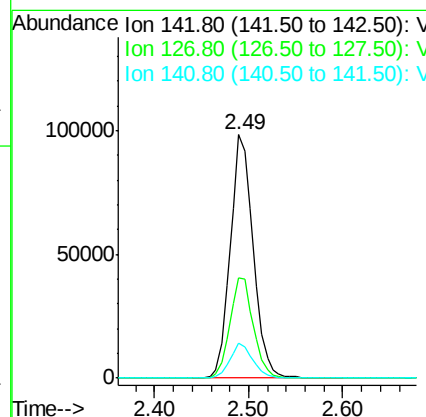
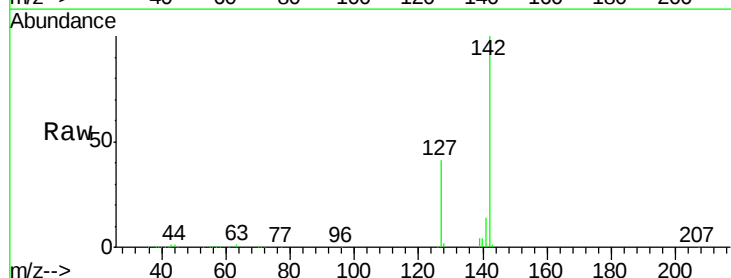
RT: 2.49 min Scan# 230

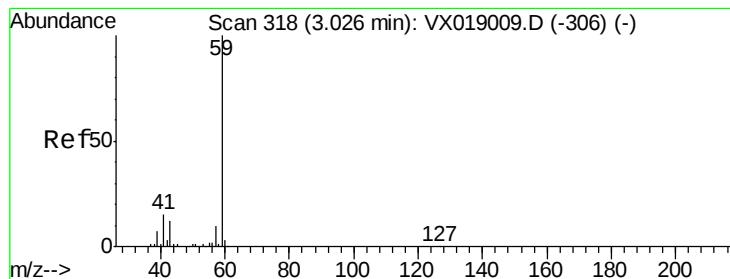
Delta R.T. 0.00 min

Lab File: VX019009.D

Acq: 21 Oct 2020 19:08

Tgt Ion:	142	Resp:	165831
Ion Ratio	Lower	Upper	
142	100		
127	42.0	33.6	50.4
141	14.0	11.2	16.8





#11

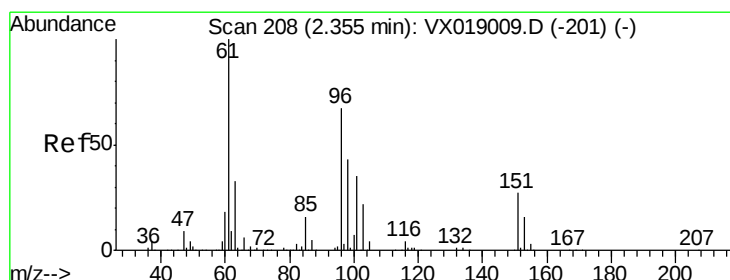
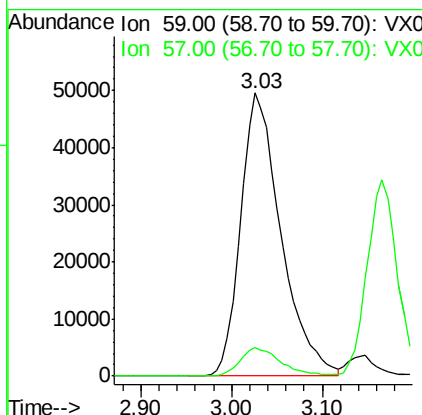
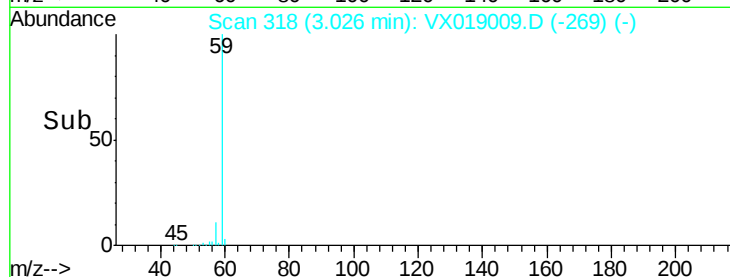
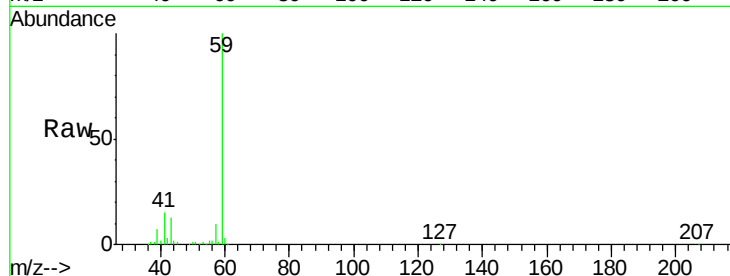
Tert butyl alcohol
Concen: 237.426 ug/l
RT: 3.03 min Scan# 318
Delta R.T. 0.00 min
Lab File: VX019009.D
Acq: 21 Oct 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.2

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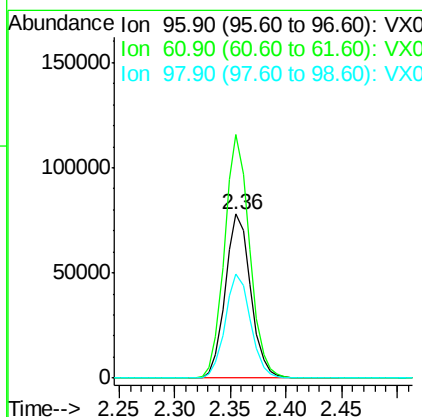
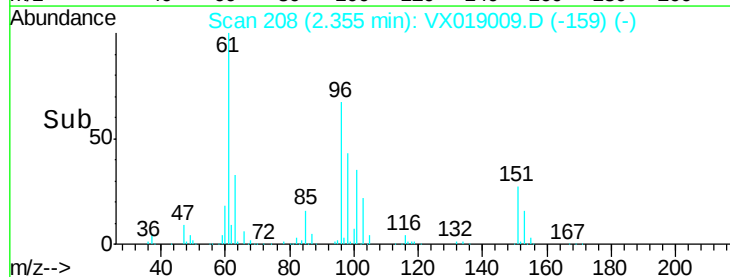
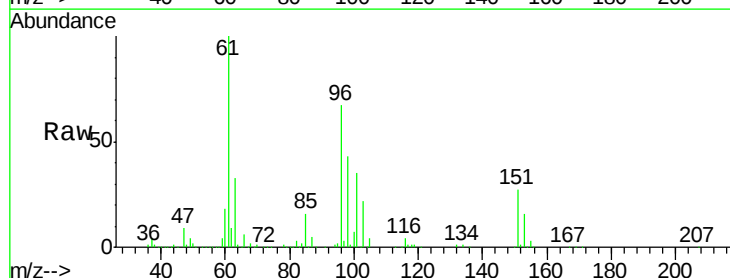
MMDadoda
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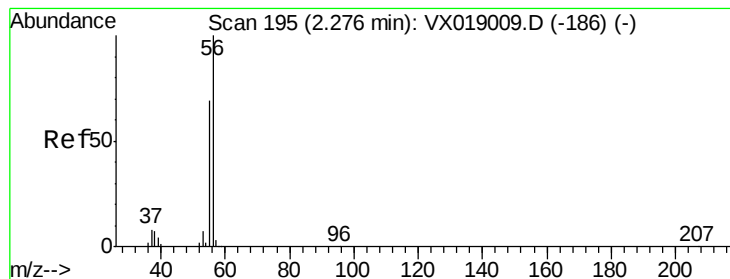


#12

1,1-Dichloroethene
Concen: 48.362 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019009.D
Acq: 21 Oct 2020 19:08

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.8	119.0	178.6
98	63.7	51.0	76.4





#13

Acrolein

Concen: 145.871 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX019009.D

Acq: 21 Oct 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 54783

Ion Ratio Lower Upper

56 100

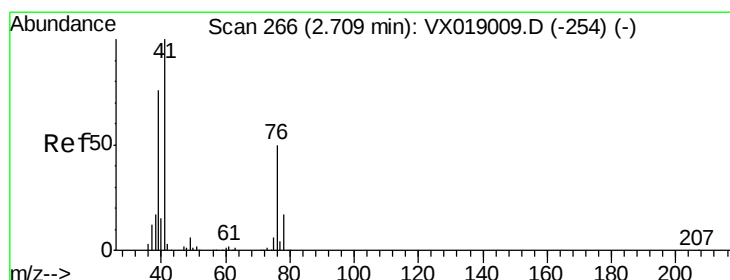
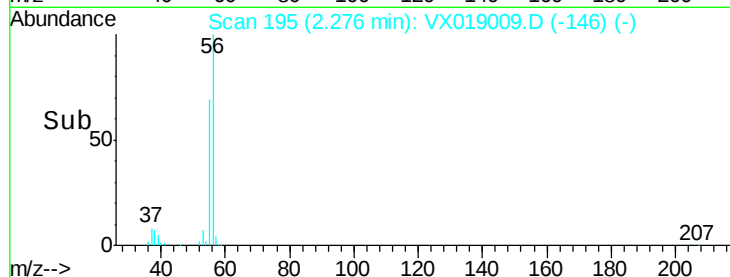
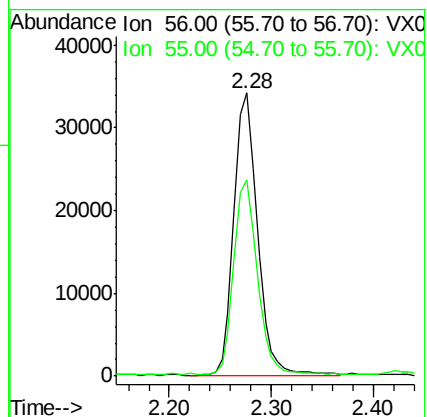
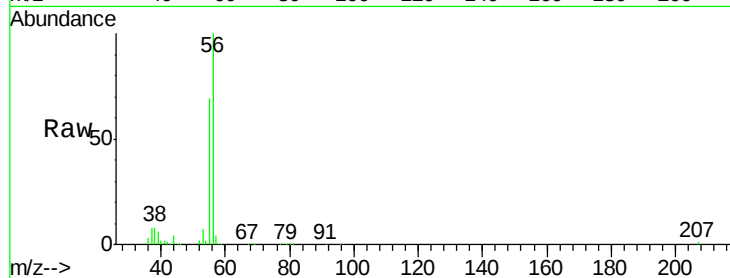
55 67.8 54.2 81.4

Manual Integrations

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#14

Allyl chloride

Concen: 34.299 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX019009.D

Acq: 21 Oct 2020 19:08

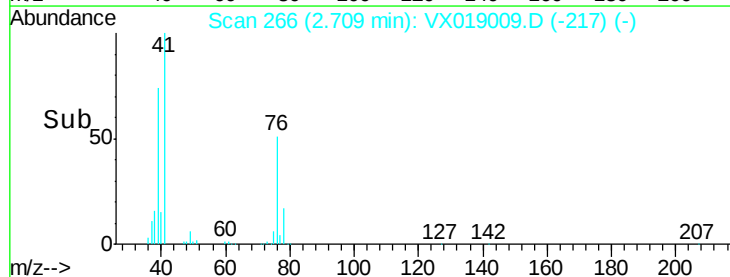
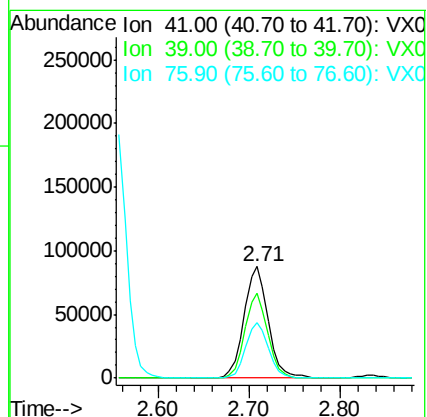
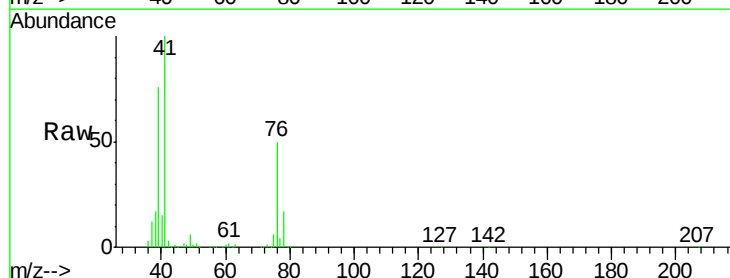
Tgt Ion: 41 Resp: 160530

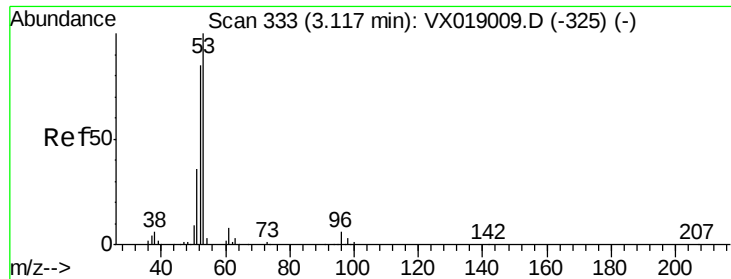
Ion Ratio Lower Upper

41 100

39 71.7 57.4 86.0

76 47.1 37.7 56.5





#15

Acrylonitrile

Concen: 202.796 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX019009.D

Acq: 21 Oct 2020 19:08

Instrument :

MSVOA_X

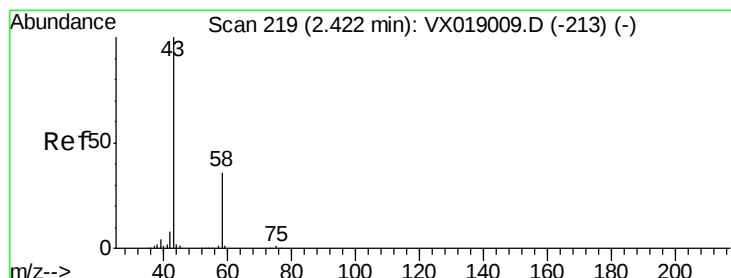
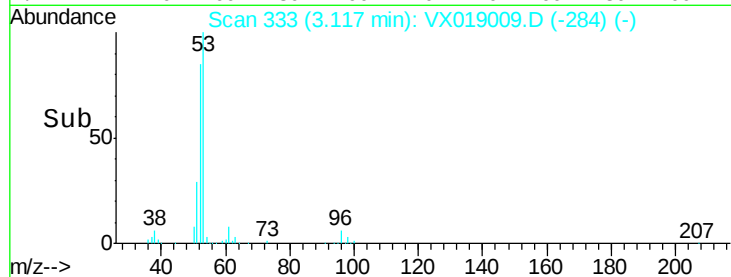
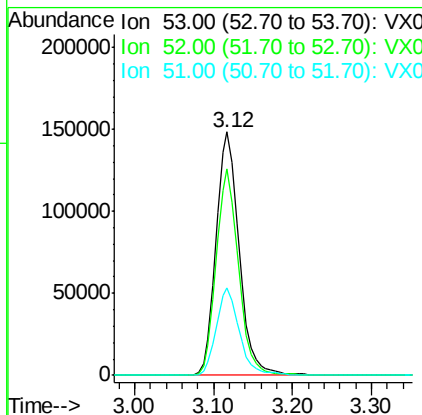
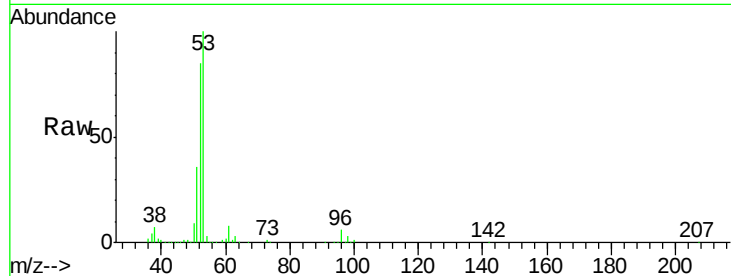
ClientSampleId :

VSTDICCC050

Tot Ion:	53	Resp:	301936
Ion Ratio	Lower	Upper	
53	100		
52	82.4	65.9	98.9
51	35.4	28.3	42.5

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#16

Acetone

Concen: 186.948 ug/l

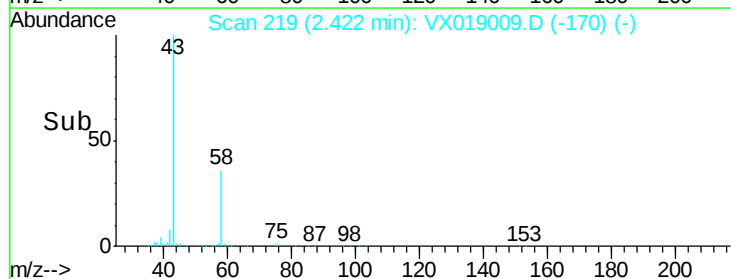
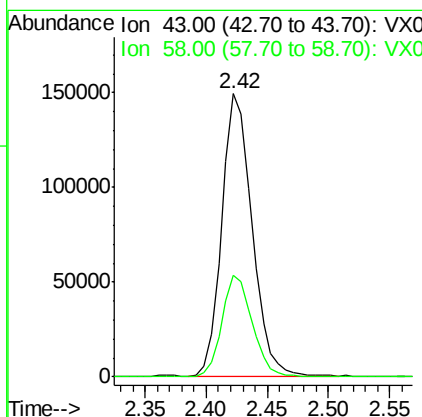
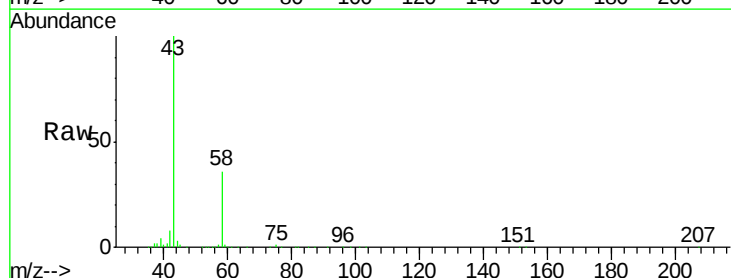
RT: 2.42 min Scan# 219

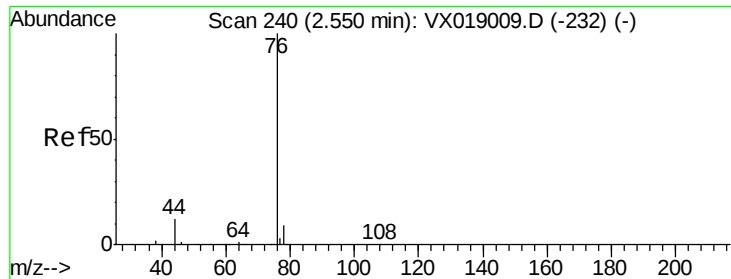
Delta R.T. 0.00 min

Lab File: VX019009.D

Acq: 21 Oct 2020 19:08

Tgt Ion:	43	Resp:	255861
Ion Ratio	Lower	Upper	
43	100		
58	35.7	28.6	42.8





#17

Carbon Disulfide

Concen: 46.067 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019009.D

Acq: 21 Oct 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 347865

Ion Ratio Lower Upper

76 100

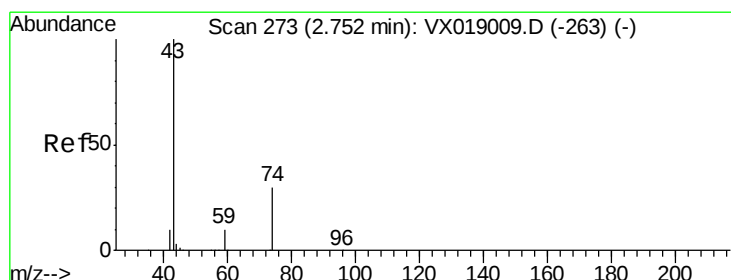
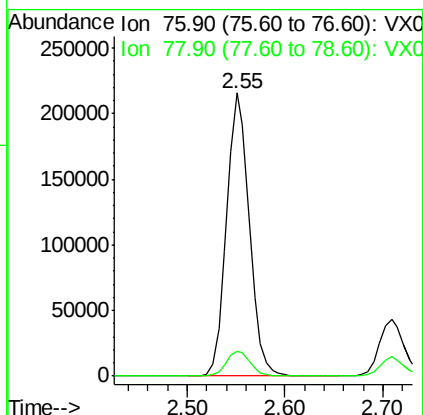
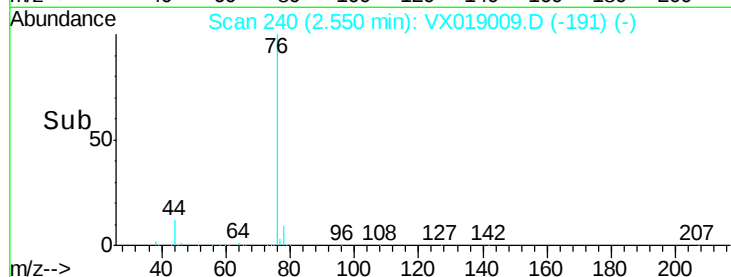
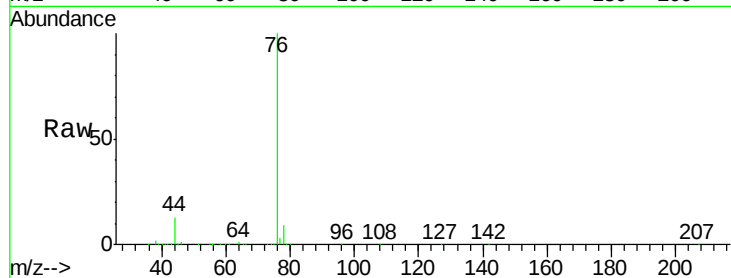
78 8.9 7.1 10.7

Manual Integrations

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#18

Methyl Acetate

Concen: 38.889 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX019009.D

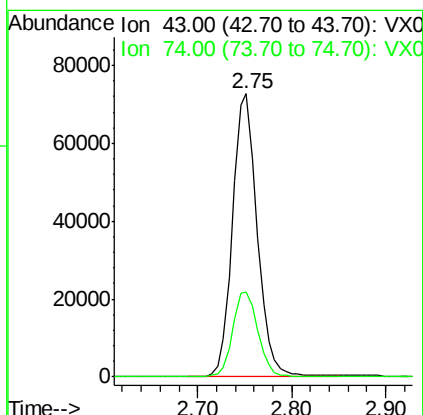
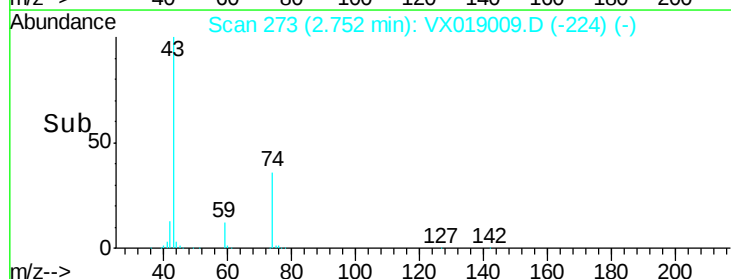
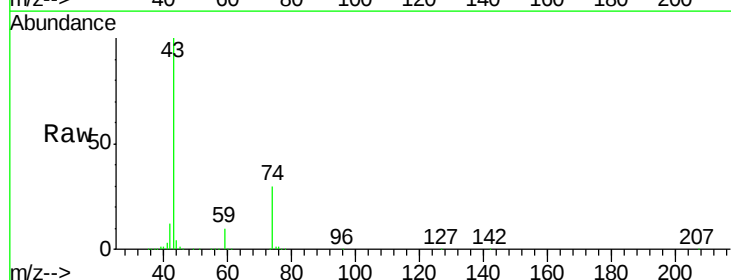
Acq: 21 Oct 2020 19:08

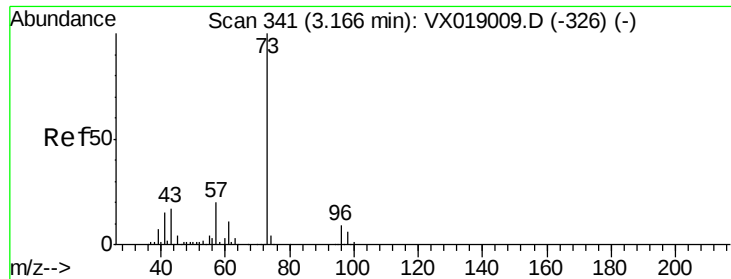
Tgt Ion: 43 Resp: 131968

Ion Ratio Lower Upper

43 100

74 31.1 24.9 37.3





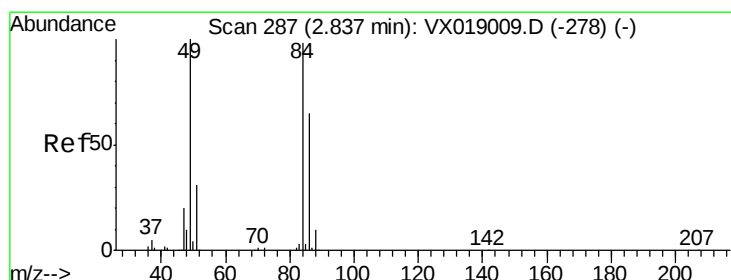
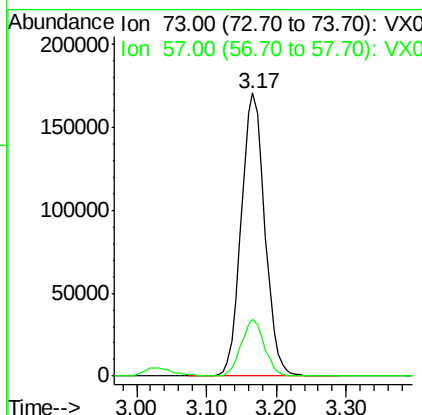
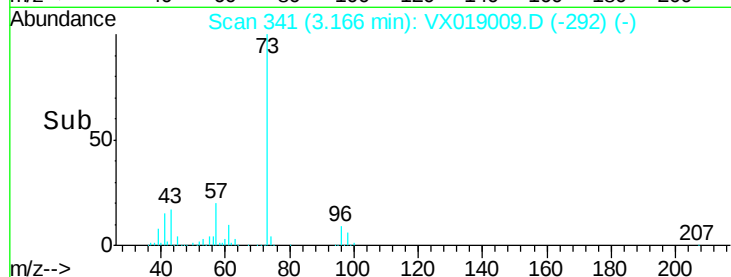
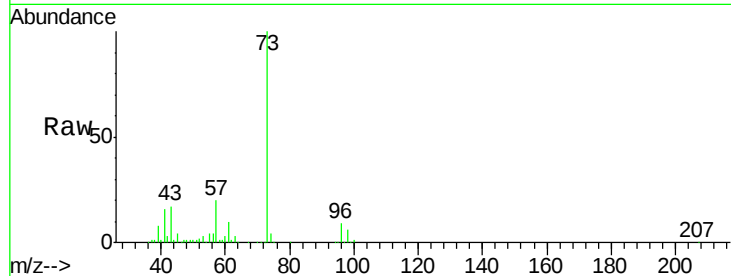
#19
Methvl tert-butvl Ether
Concen: 45.395 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX019009.D
Acq: 21 Oct 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.2	16.2	24.2

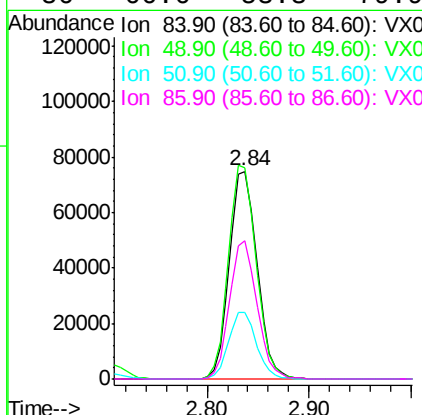
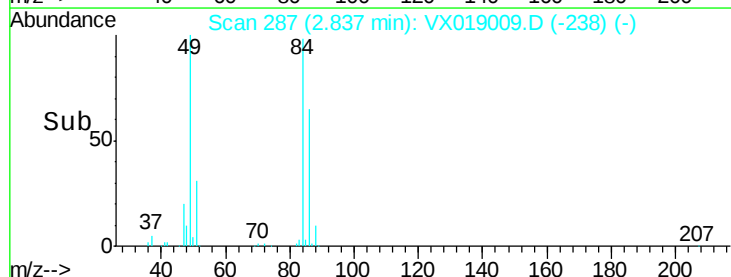
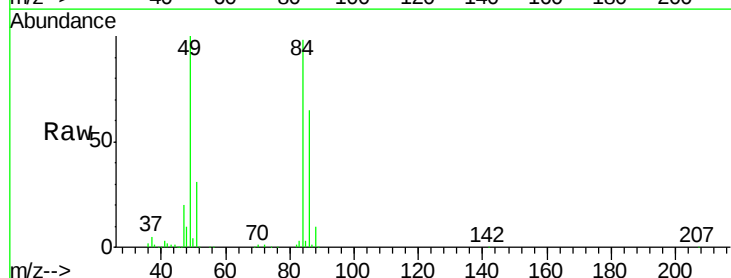
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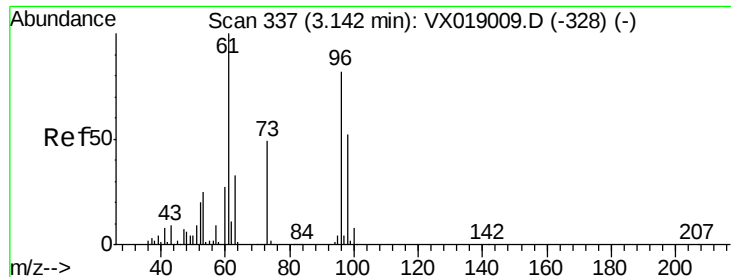
MMDadoda
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#20
Methylene Chloride
Concen: 44.985 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX019009.D
Acq: 21 Oct 2020 19:08

Tgt Ion	Ratio	Lower	Upper
84	100		
49	102.0	81.6	122.4
51	32.0	25.6	38.4
86	66.6	53.3	79.9





#21

trans-1,2-Dichloroethene

Concen: 48.066 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX019009.D

Acq: 21 Oct 2020 19:08

Instrument :

MSVOA_X

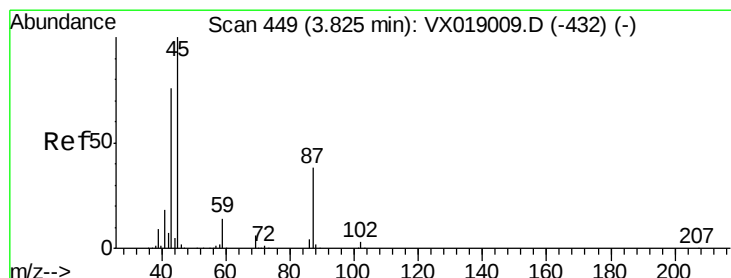
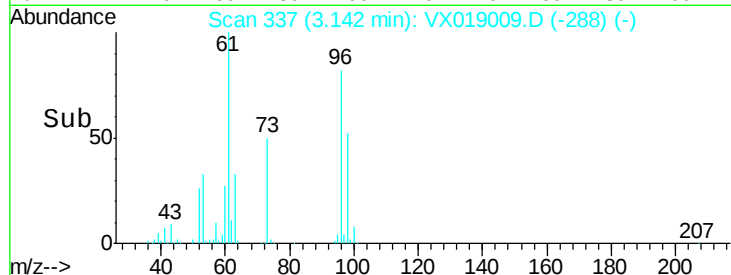
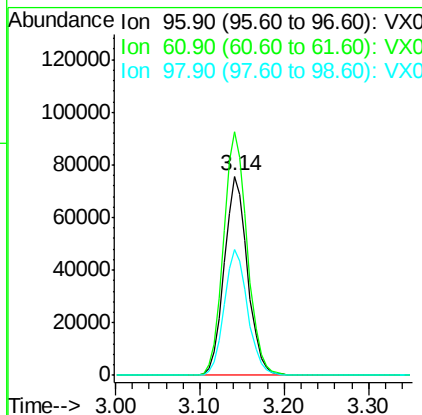
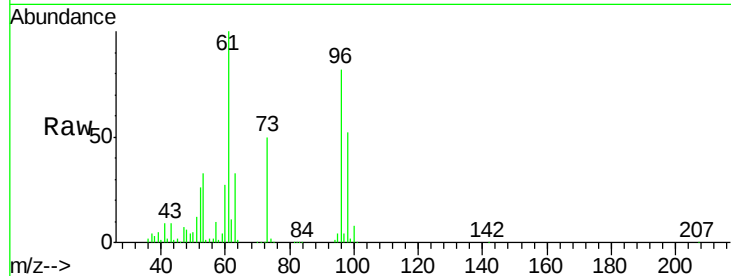
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	143005
Ion	Ratio	Lower	Upper
96	100		
61	122.2	97.8	146.6
98	63.4	50.7	76.1

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#22

Diisopropyl ether

Concen: 36.504 ug/l

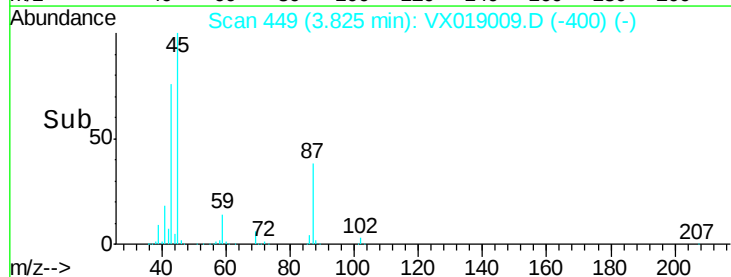
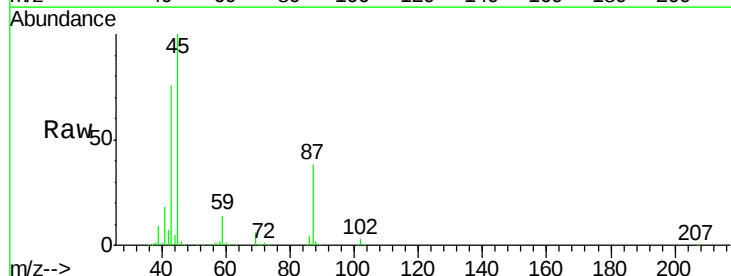
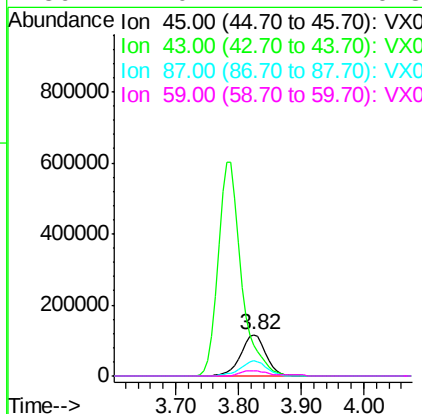
RT: 3.82 min Scan# 449

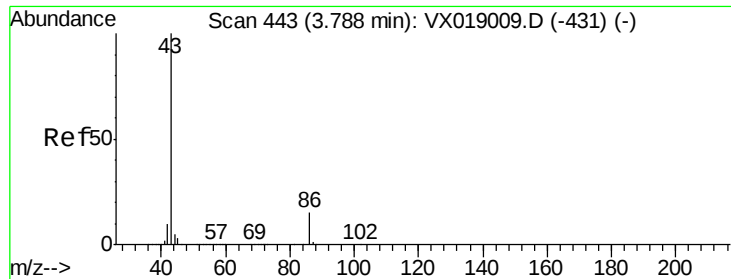
Delta R.T. 0.00 min

Lab File: VX019009.D

Acq: 21 Oct 2020 19:08

Tgt Ion:	45	Resp:	322554
Ion	Ratio	Lower	Upper
45	100		
43	75.5	60.4	90.6
87	38.0	30.4	45.6
59	14.0	11.2	16.8





#23

Vinyl Acetate

Concen: 196.628 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX019009.D

Acq: 21 Oct 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1547750

Ion Ratio Lower Upper

43 100

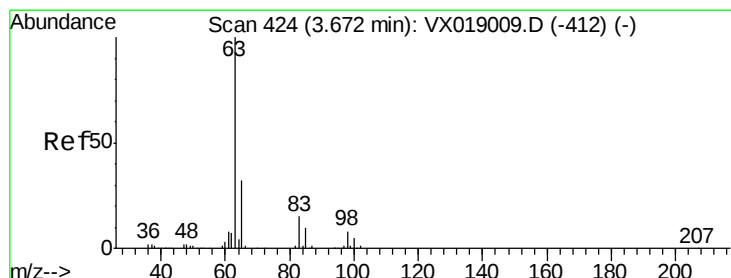
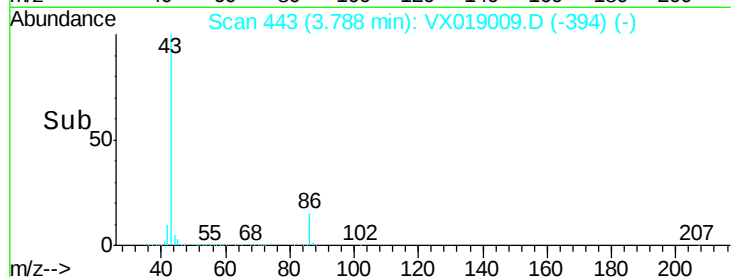
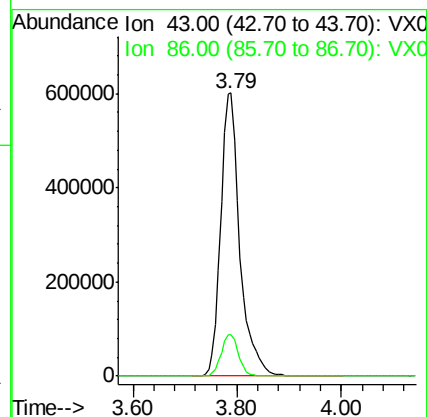
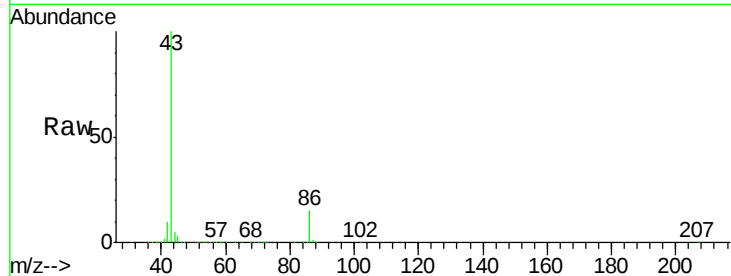
86 14.6 11.7 17.5

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 44.193 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX019009.D

Acq: 21 Oct 2020 19:08

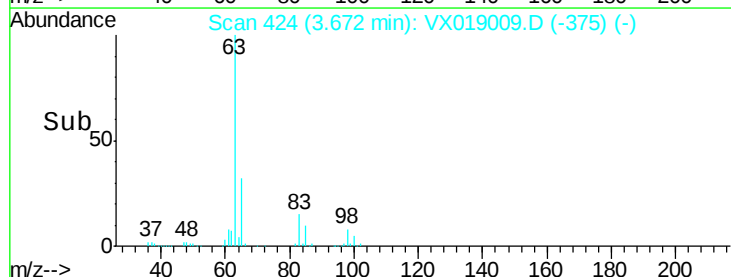
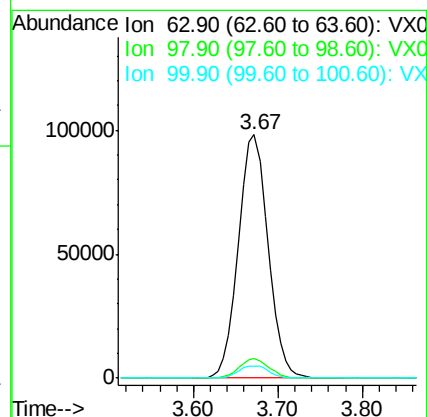
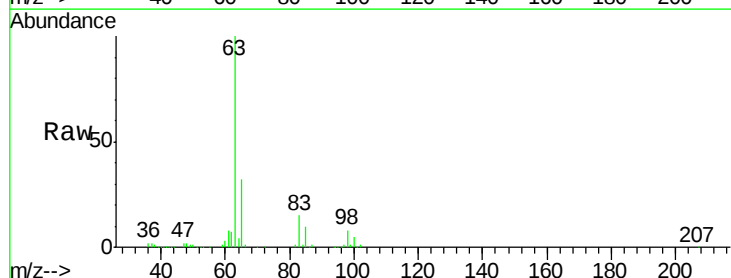
Tgt Ion: 63 Resp: 233548

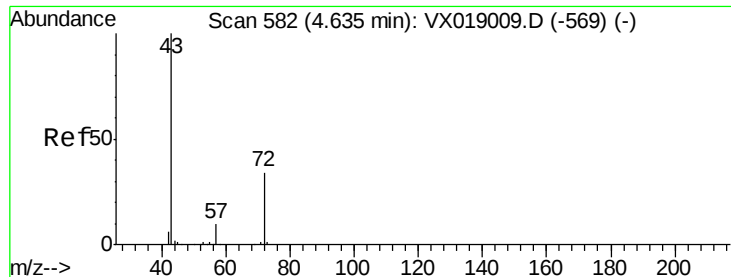
Ion Ratio Lower Upper

63 100

98 8.0 4.0 12.0

100 4.9 2.5 7.4





#25

2-Butanone

Concen: 198.659 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX019009.D

Acq: 21 Oct 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 423928

Ion Ratio Lower Upper

43 100

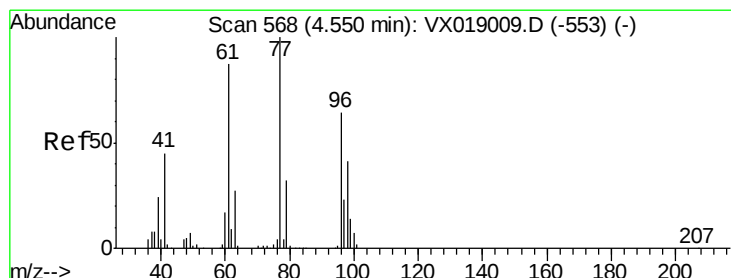
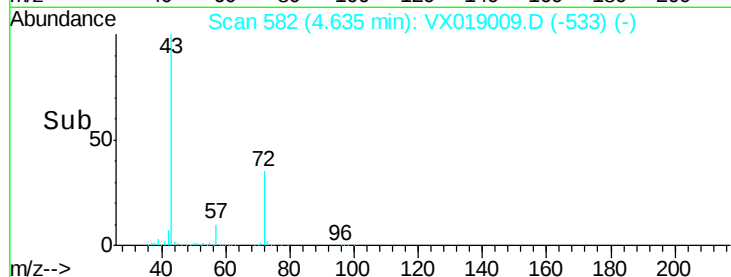
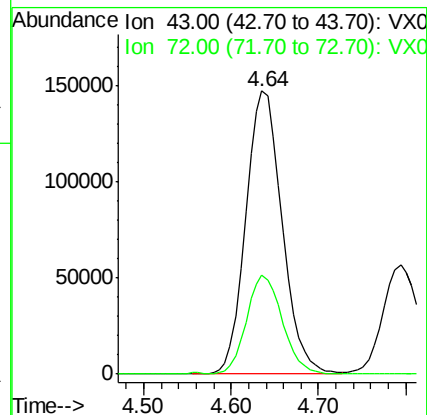
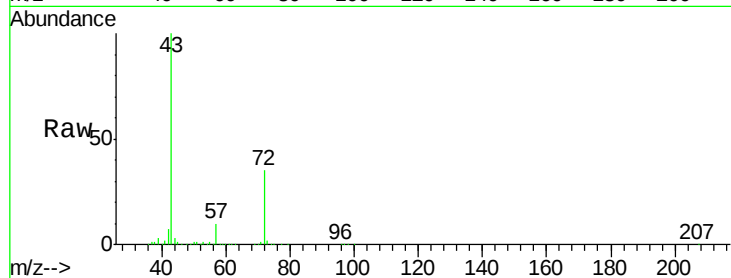
72 34.7 27.8 41.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 44.015 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX019009.D

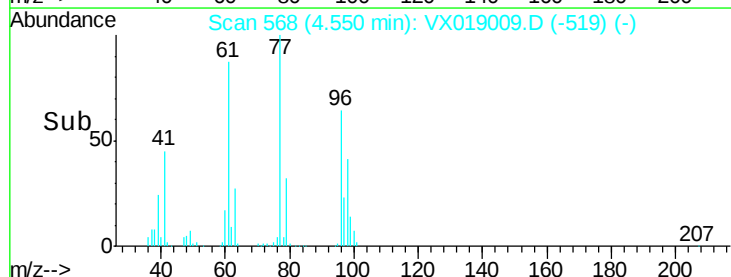
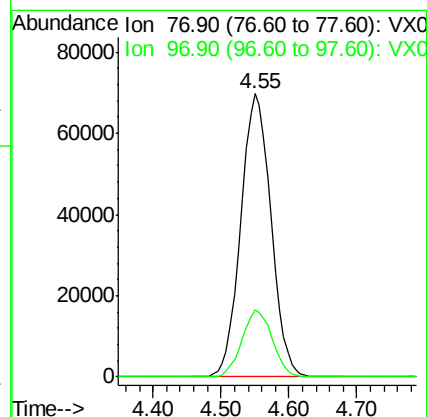
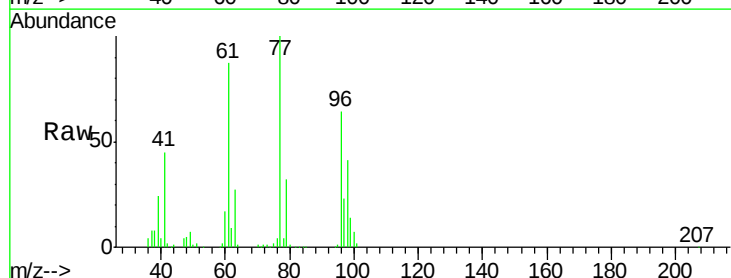
Acq: 21 Oct 2020 19:08

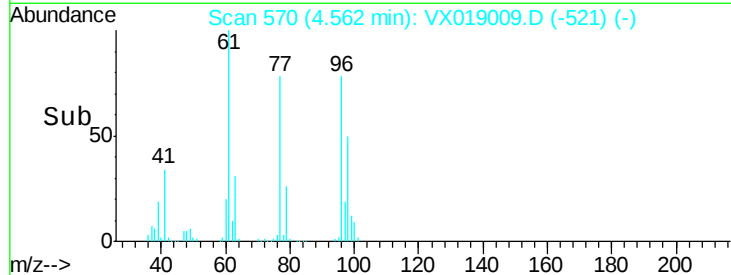
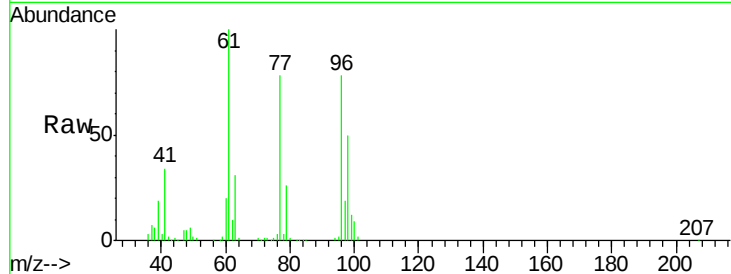
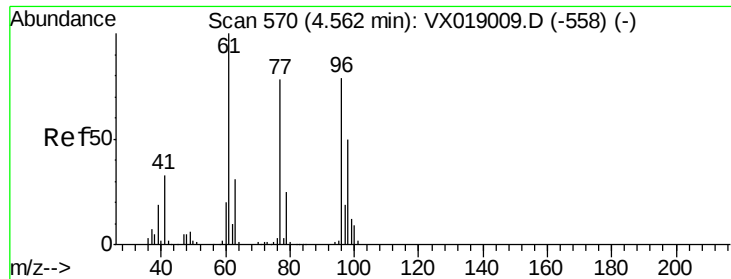
Tgt Ion: 77 Resp: 215349

Ion Ratio Lower Upper

77 100

97 23.8 11.9 35.7





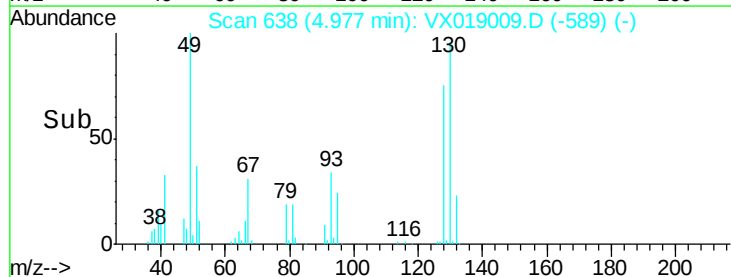
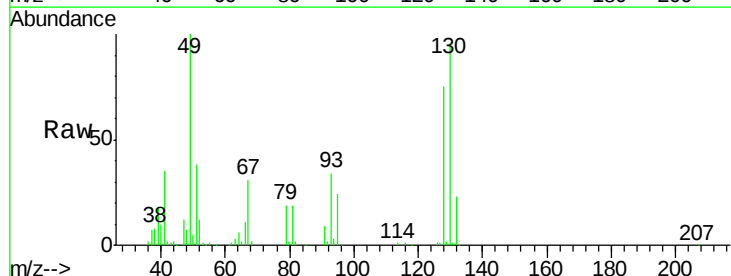
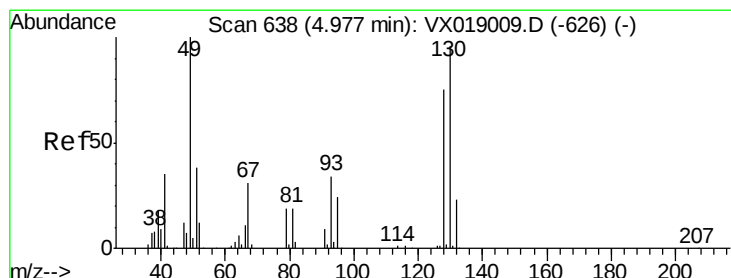
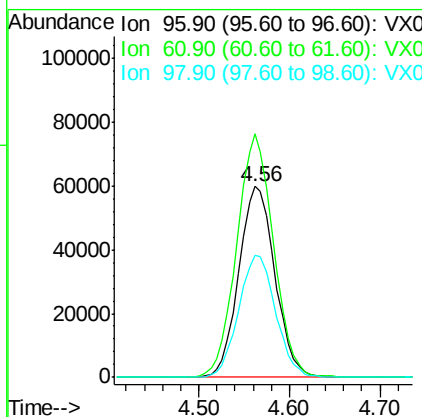
#27
 cis-1,2-Dichloroethene
 Concen: 49.466 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VX019009.D
 Acq: 21 Oct 2020 19:08

Tot Ion	Ratio	Resp	Lower	Upper
96	100	165318		
61	130.0	0.0	260.0	
98	65.7	0.0	131.4	

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

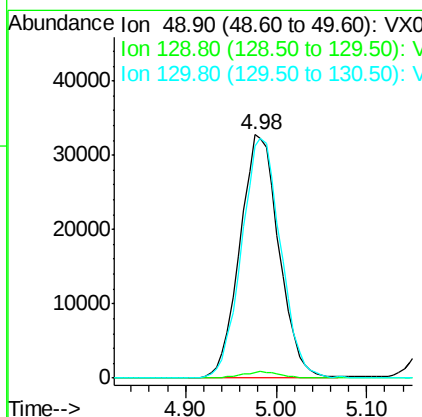
Manual Integrations
 APPROVED

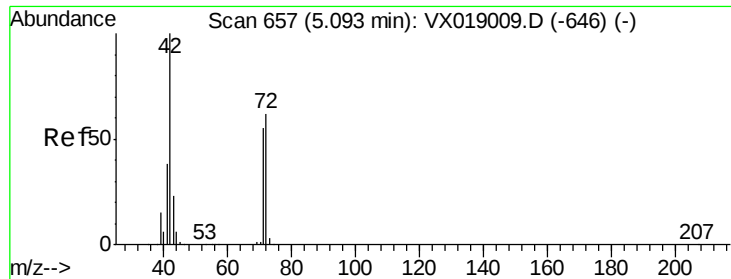
MMDadoda
 10/23/2020 1:52:42 PM



#28
 Bromochloromethane
 Concen: 40.296 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: VX019009.D
 Acq: 21 Oct 2020 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	97729		
129	2.6	0.0	5.2	
130	98.8	79.0	118.6	





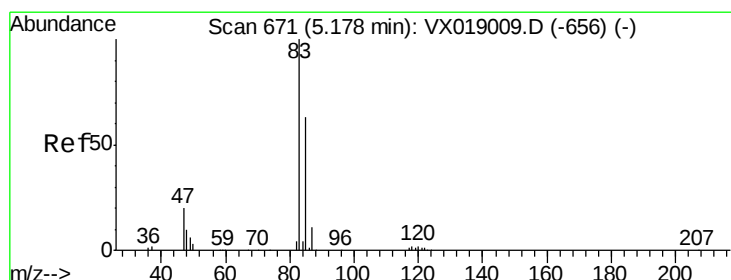
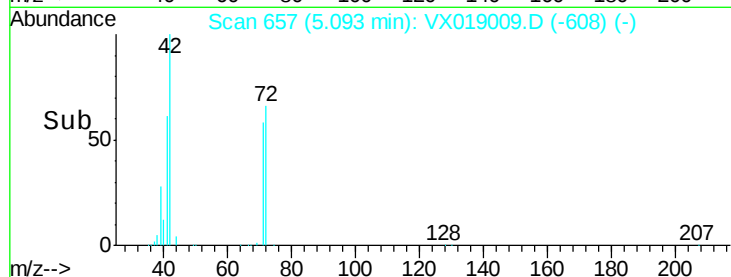
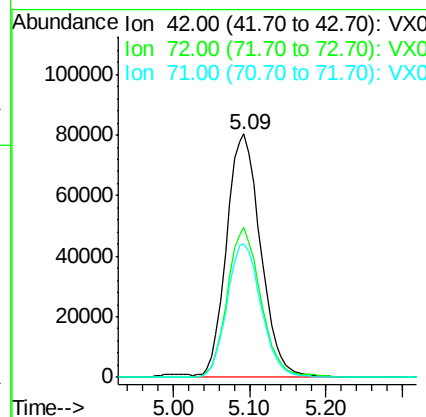
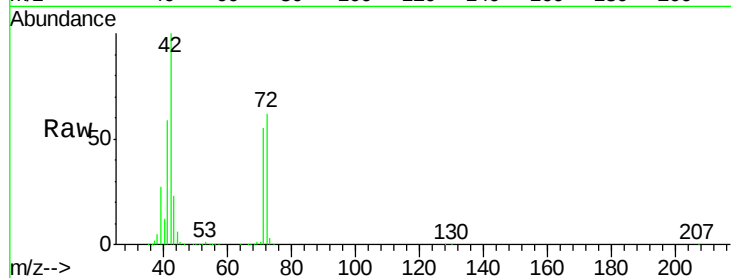
#29
Tetrahydrofuran
Concen: 185.740 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX019009.D
Acq: 21 Oct 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	61.4	49.1	73.7
71	55.3	44.2	66.4

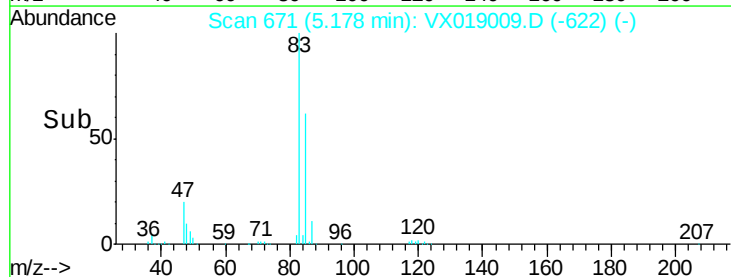
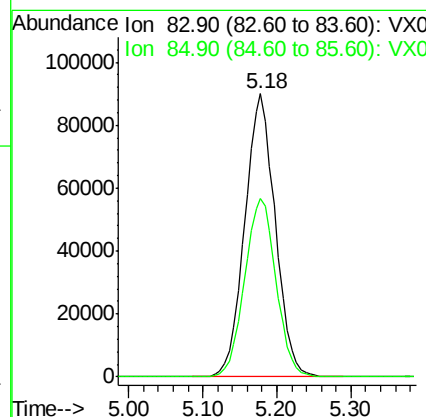
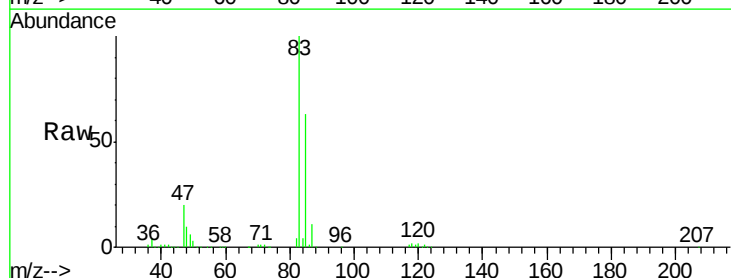
Manual Integrations
APPROVED

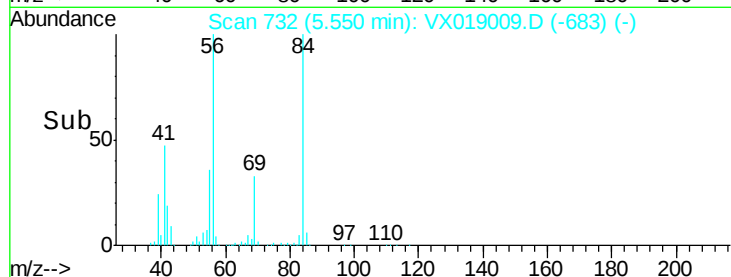
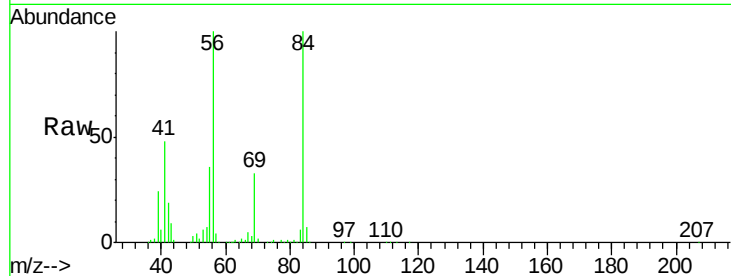
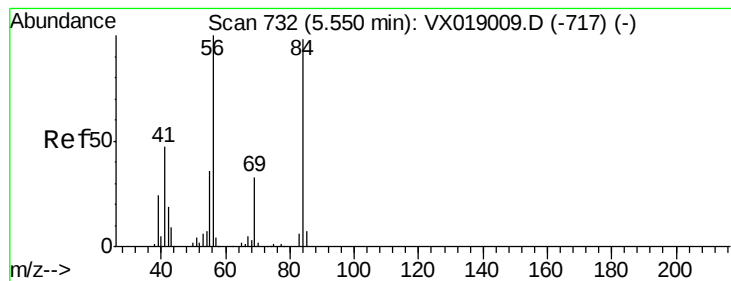
MMDadoda
10/23/2020 1:52:42 PM



#30
Chloroform
Concen: 47.592 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX019009.D
Acq: 21 Oct 2020 19:08

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	50.5	75.7





#31

Cyclohexane

Concen: 41.707 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX019009.D

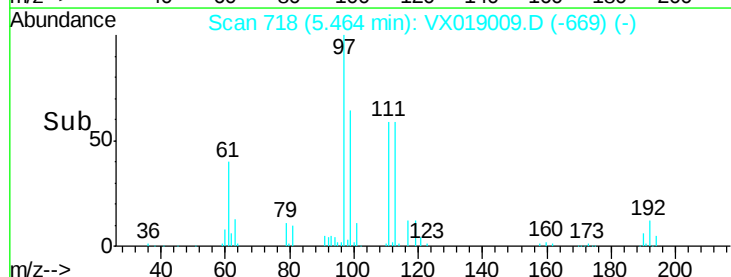
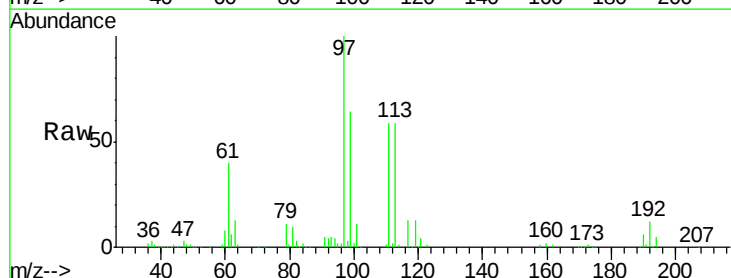
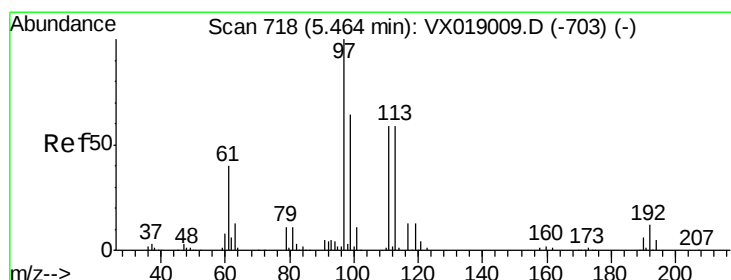
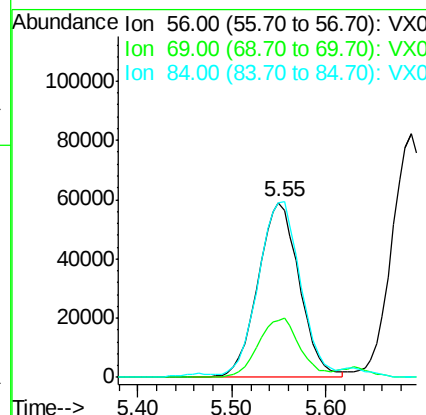
Acq: 21 Oct 2020 19:08

Tot Ion:	56	Resp:	181347
Ion	Ratio	Lower	Upper
56	100		
69	32.7	26.2	39.2
84	97.9	78.3	117.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 46.302 ug/l

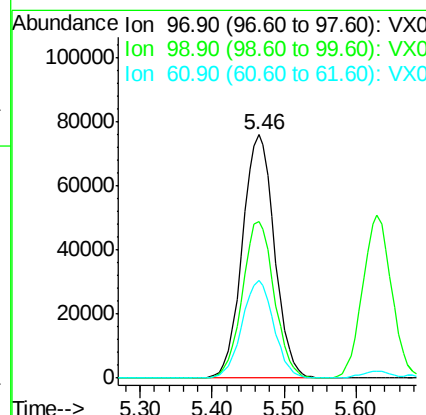
RT: 5.46 min Scan# 718

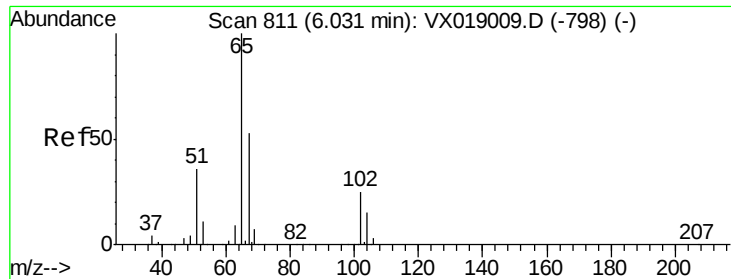
Delta R.T. 0.00 min

Lab File: VX019009.D

Acq: 21 Oct 2020 19:08

Tgt Ion:	97	Resp:	233973
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.3	76.9
61	39.9	31.9	47.9





#33

1,2-Dichloroethane-d4

Concen: 39.901 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX019009.D

Acq: 21 Oct 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 65 Resp: 144555

Ion Ratio Lower Upper

65 100

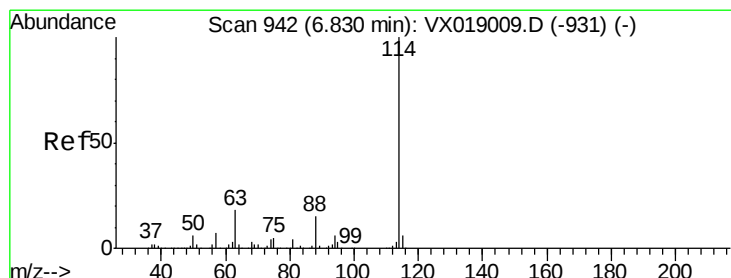
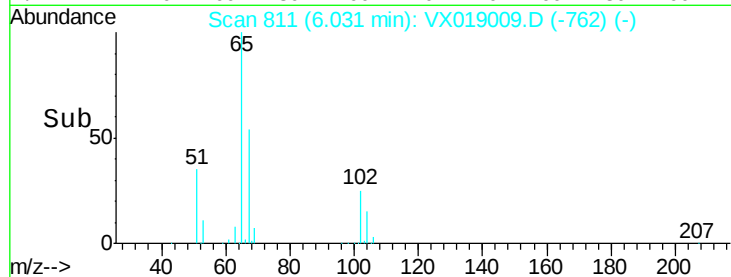
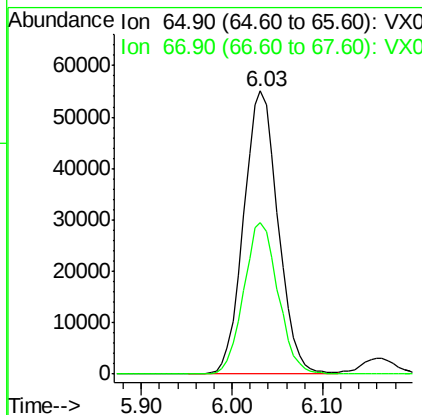
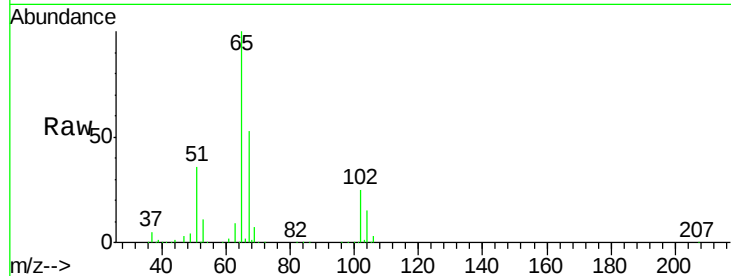
67 53.5 0.0 107.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019009.D

Acq: 21 Oct 2020 19:08

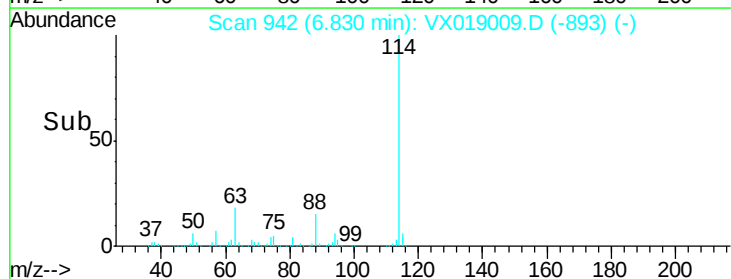
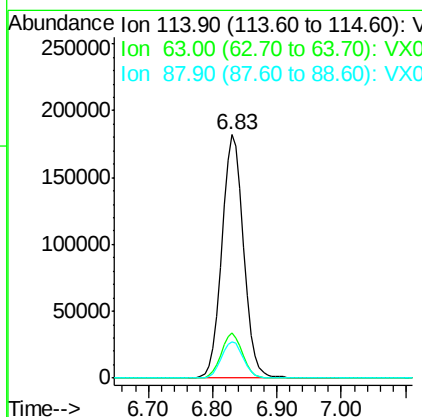
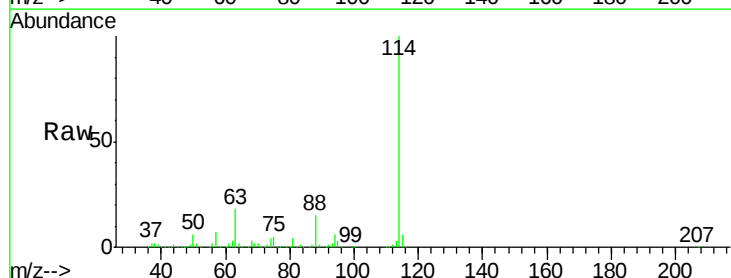
Tgt Ion: 114 Resp: 433672

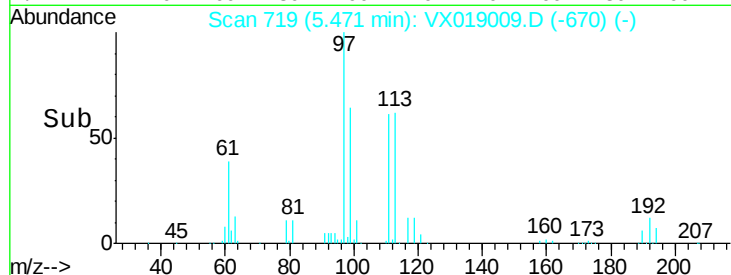
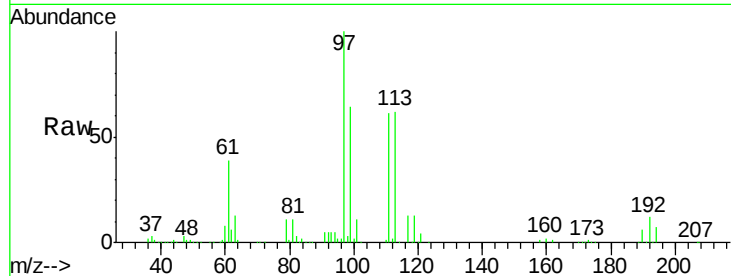
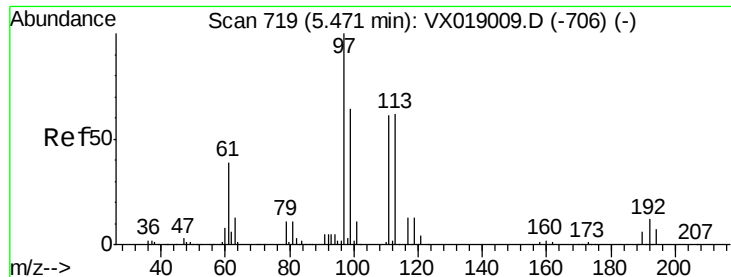
Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.8

88 15.1 0.0 30.2





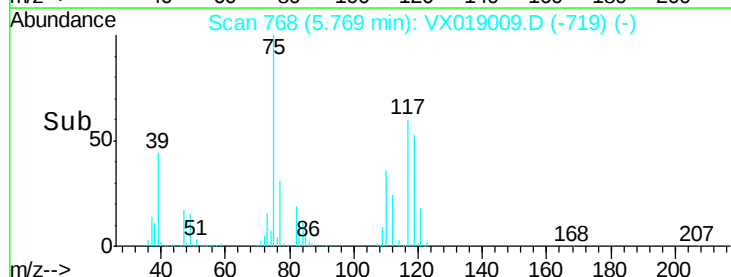
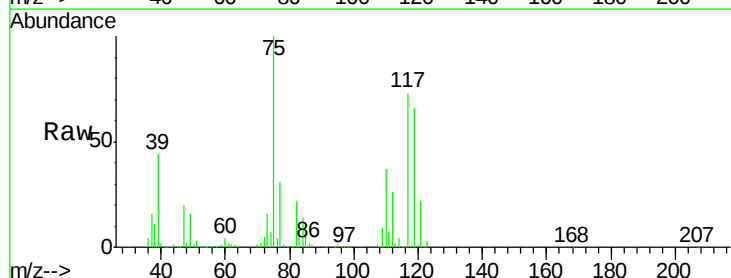
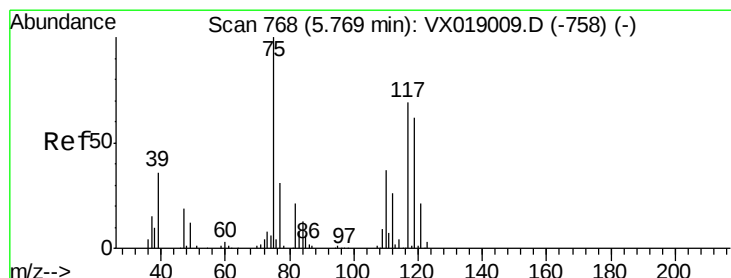
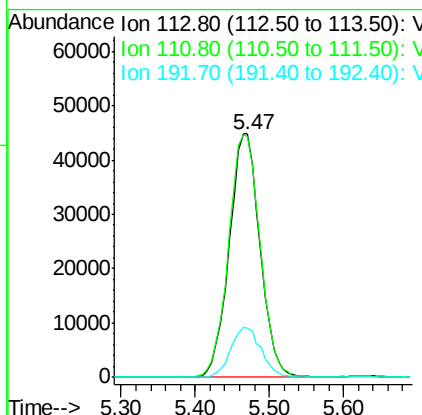
#35
Dibromofluoromethane
Concen: 43.835 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.00 min
Lab File: VX019009.D
Acq: 21 Oct 2020 19:08

Tot Ion	Ratio	Resp	Lower	Upper
113	100	129689		
111	101.9	81.5	122.3	
192	20.4	16.3	24.5	

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

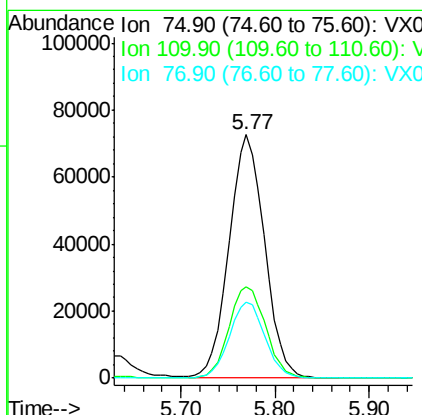
Manual Integrations
APPROVED

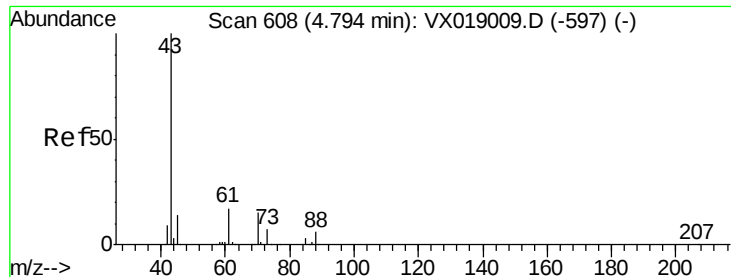
MMDadoda
10/23/2020 1:52:42 PM



#36
1,1-Dichloropropene
Concen: 45.978 ug/l
RT: 5.77 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX019009.D
Acq: 21 Oct 2020 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	190628		
110	38.8	19.4	58.2	
77	31.5	25.2	37.8	





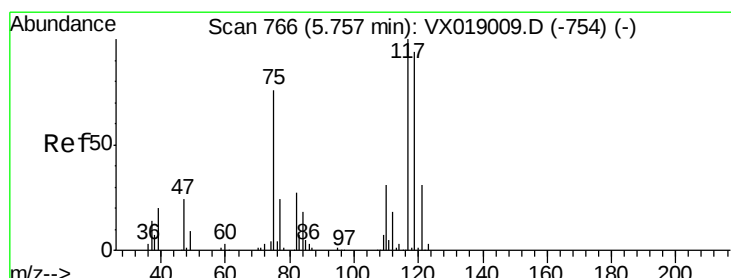
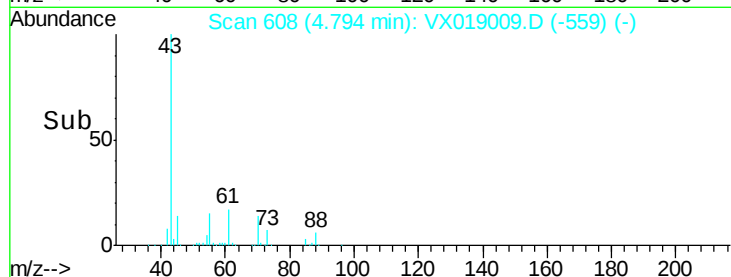
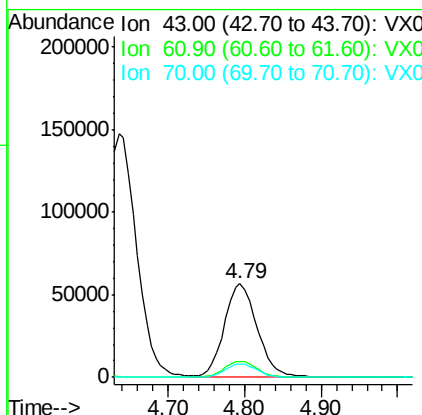
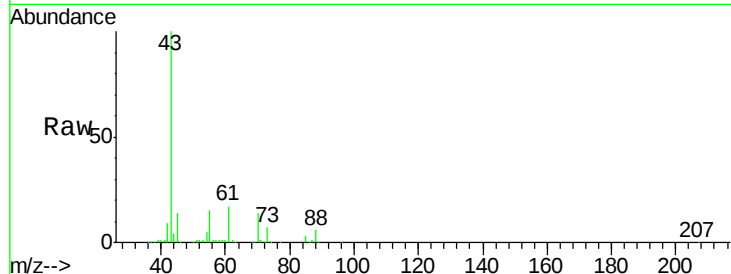
#37
Ethyl Acetate
Concen: 38.922 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX019009.D
Acq: 21 Oct 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.3	13.8	20.8
70	14.3	11.4	17.2

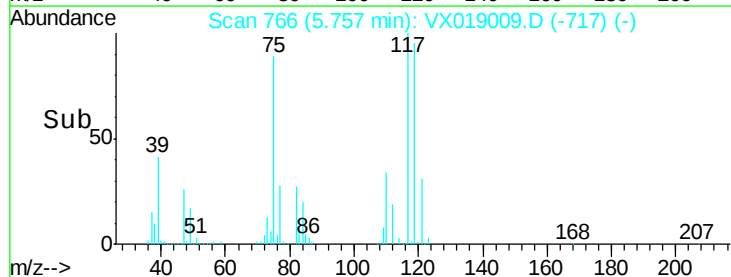
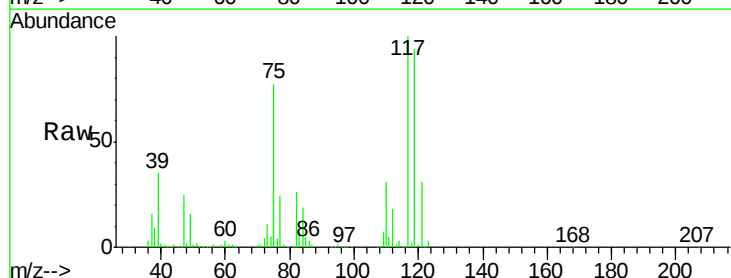
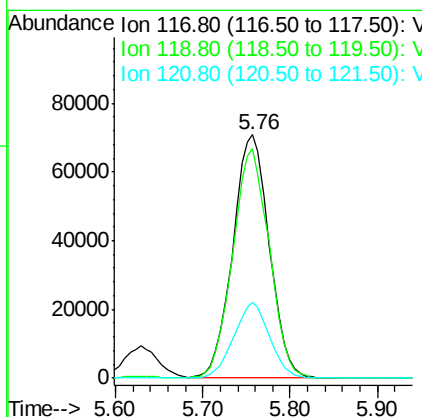
Manual Integrations
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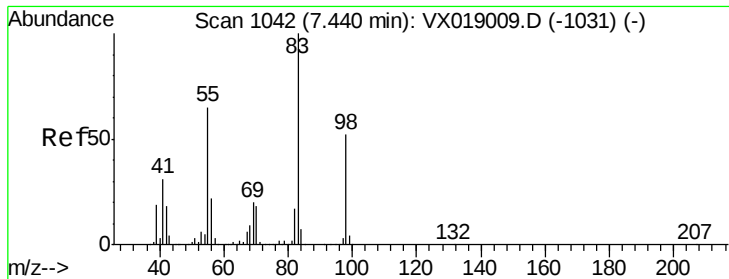
MMDadoda
10/23/2020 1:52:42 PM



#38
Carbon Tetrachloride
Concen: 45.044 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX019009.D
Acq: 21 Oct 2020 19:08

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.2	75.4	113.0
121	31.3	25.0	37.6





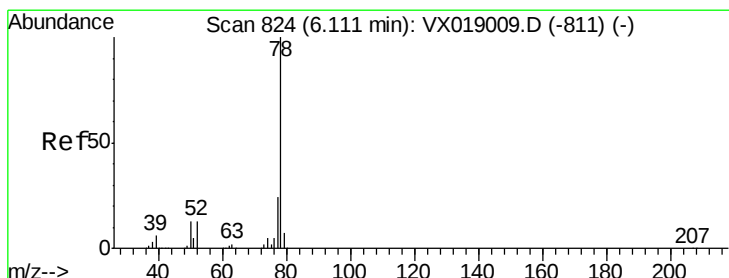
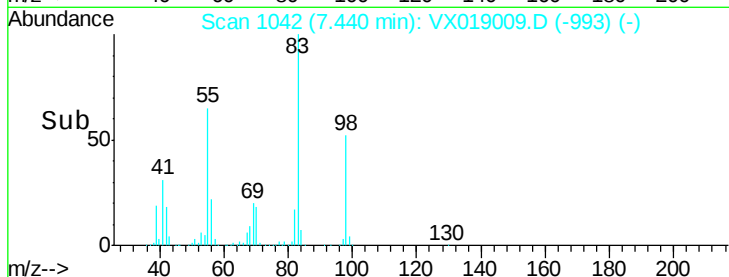
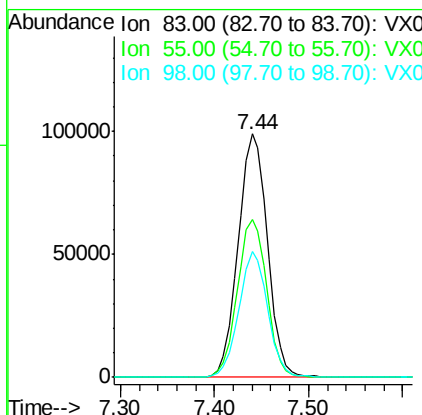
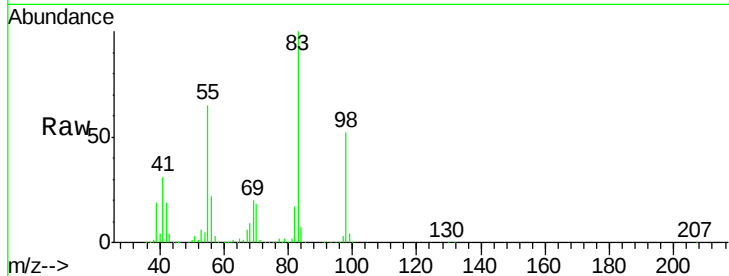
#39
Methvlcvclohexane
Concen: 46.314 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019009.D
Acq: 21 Oct 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	215733		
55	64.7		51.8	77.6
98	51.8		41.4	62.2

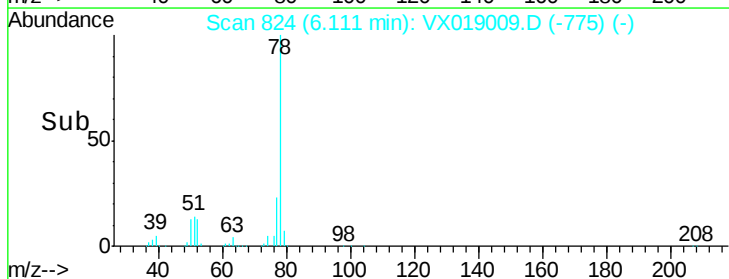
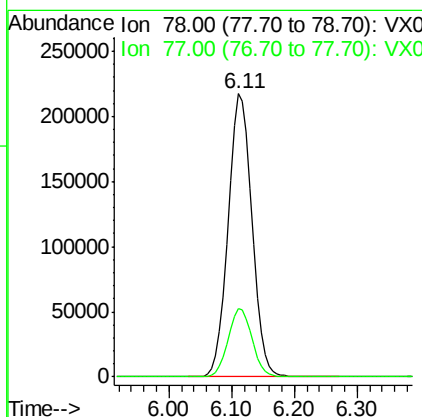
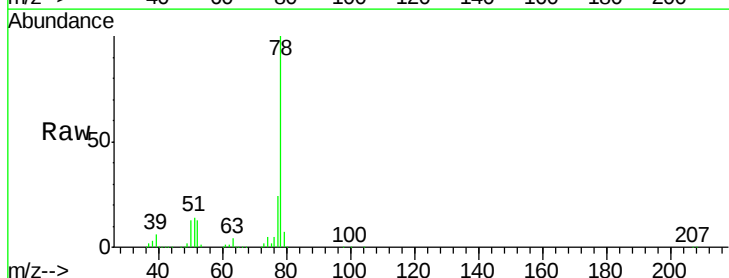
Manual Integrations
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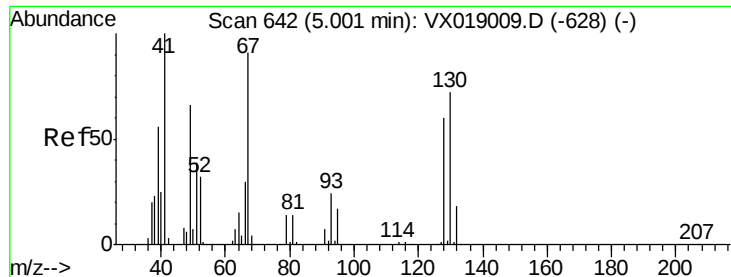
MMDadoda
10/23/2020 1:52:42 PM



#40
Benzene
Concen: 47.783 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019009.D
Acq: 21 Oct 2020 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	572752		
77	24.1		19.3	28.9





#41

Methacrylonitrile

Concen: 36.761 ug/l

RT: 5.00 min Scan# 642

Delta R.T. 0.00 min

Lab File: VX019009.D

Acq: 21 Oct 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 41 Resp: 87393

Ion Ratio Lower Upper

41 100

39 55.8 44.6 67.0

67 95.1 76.1 114.1

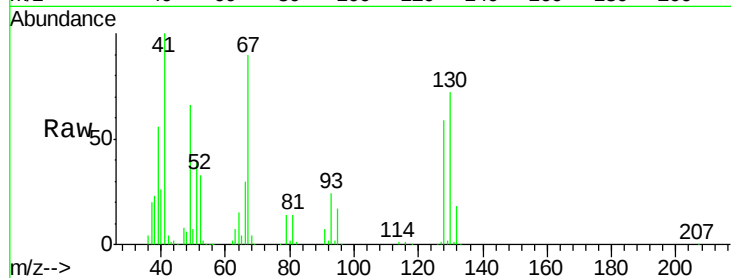
52 35.4 28.3 42.5

Manual Integrations

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MMDadoda

10/23/2020 1:52:42 PM

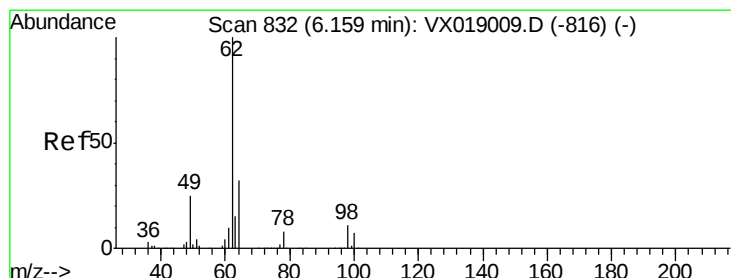
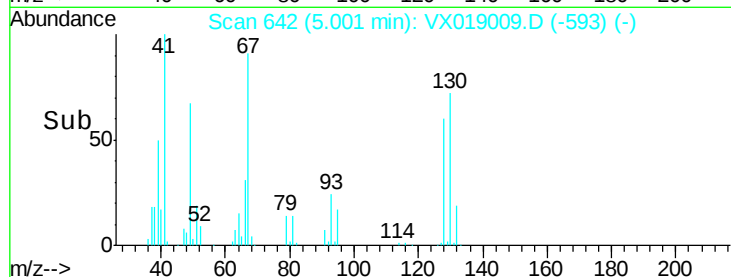
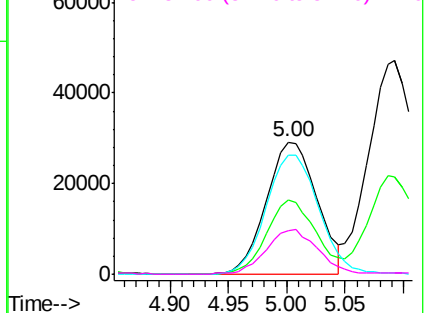


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 43.175 ug/l

RT: 6.16 min Scan# 832

Delta R.T. 0.00 min

Lab File: VX019009.D

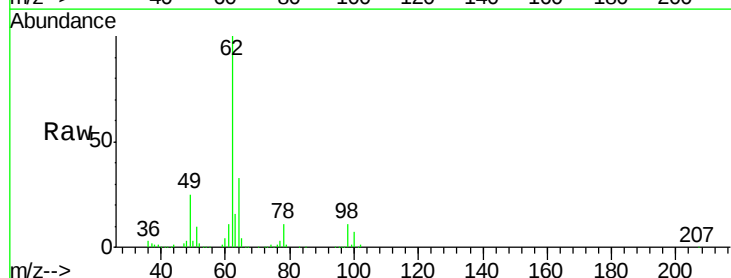
Acq: 21 Oct 2020 19:08

Tgt Ion: 62 Resp: 197623

Ion Ratio Lower Upper

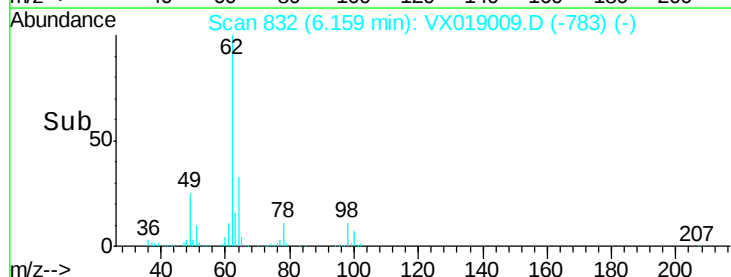
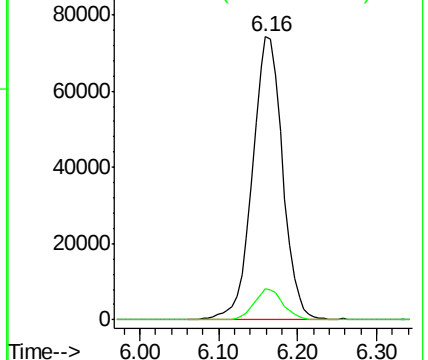
62 100

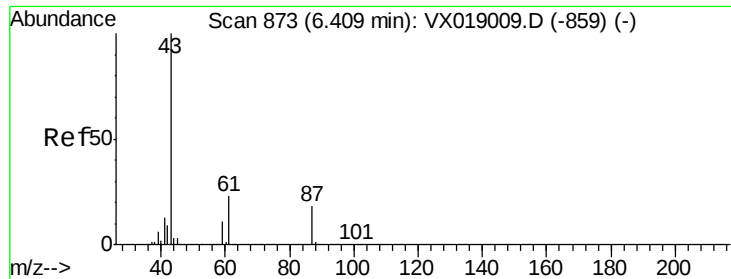
98 10.4 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

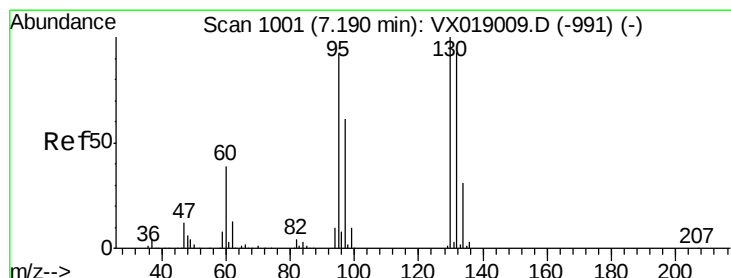
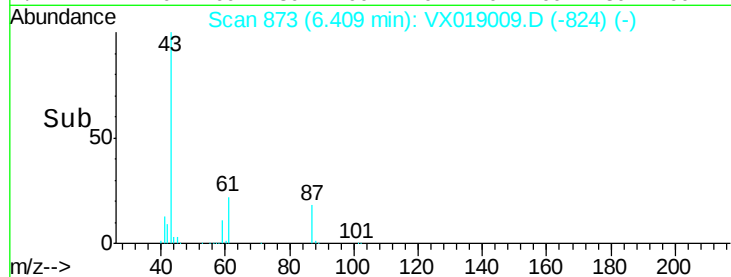
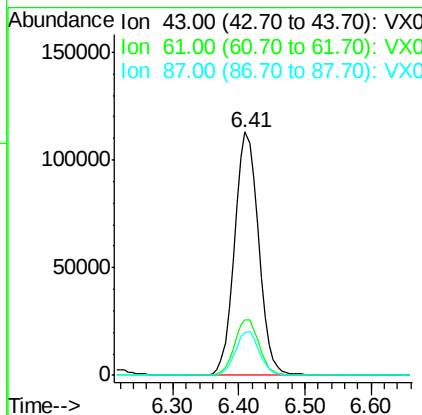
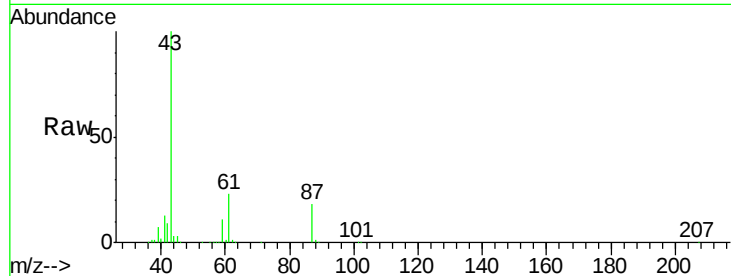
Isopropyl Acetate
 Concen: 39.777 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: VX019009.D
 Acq: 21 Oct 2020 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	23.4	18.7	28.1
87	17.8	14.2	21.4

Manual Integrations
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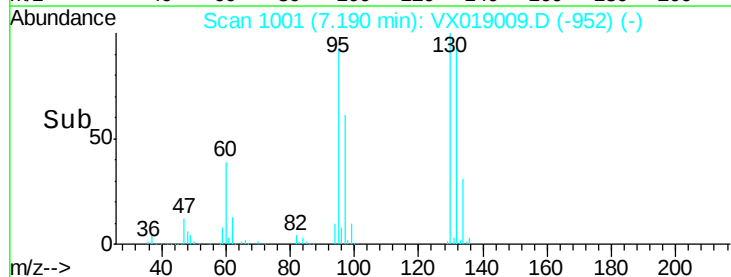
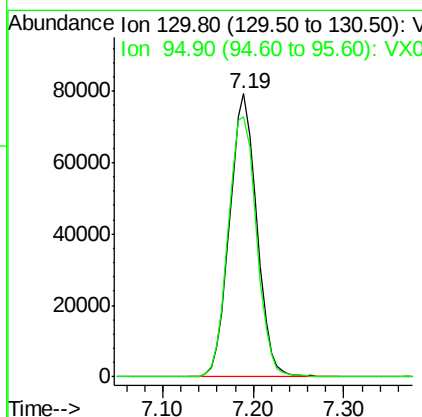
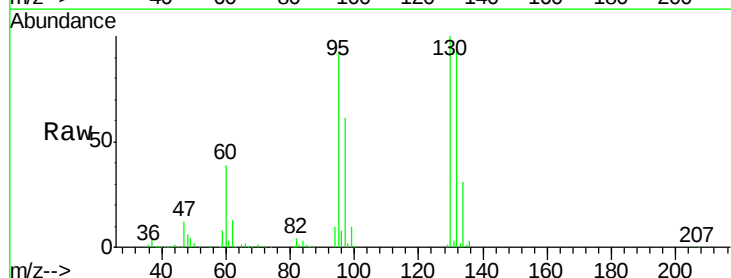
MMDadoda
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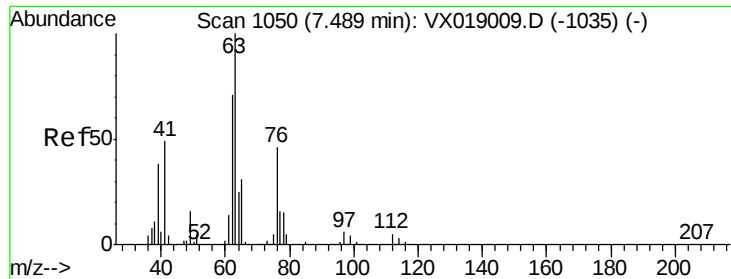


#44

Trichloroethene
 Concen: 47.579 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX019009.D
 Acq: 21 Oct 2020 19:08

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.1	0.0	184.2





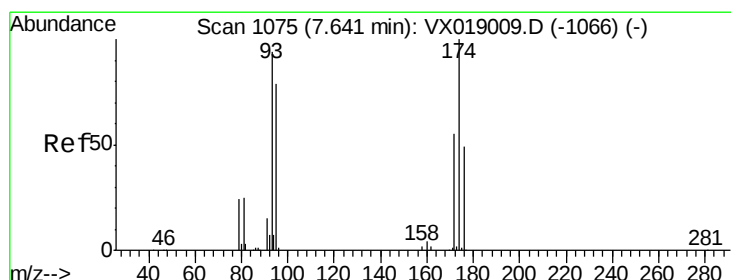
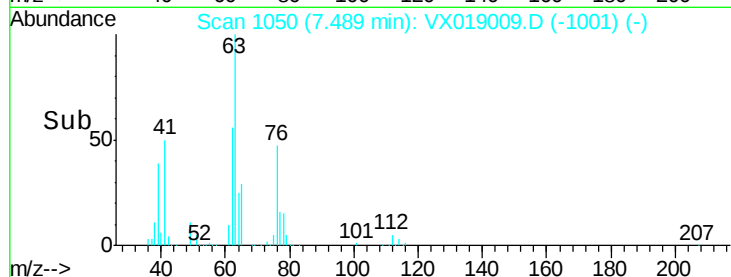
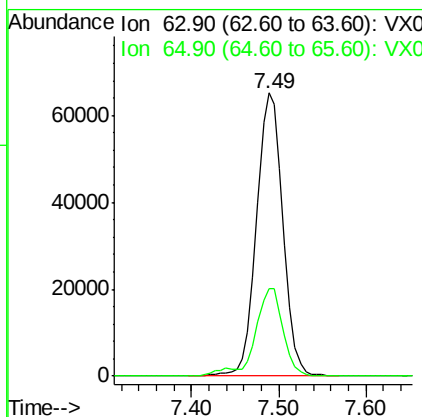
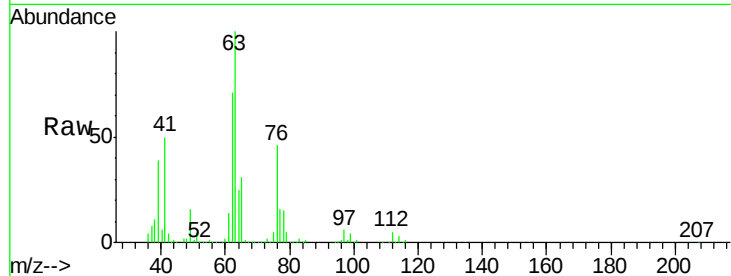
#45
 1,2-Dichloropropane
 Concen: 42.262 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX019009.D
 Acq: 21 Oct 2020 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.9	37.3

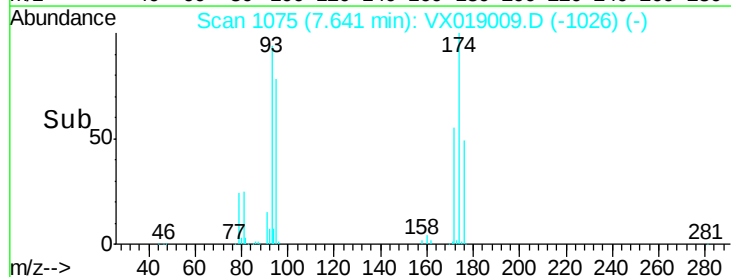
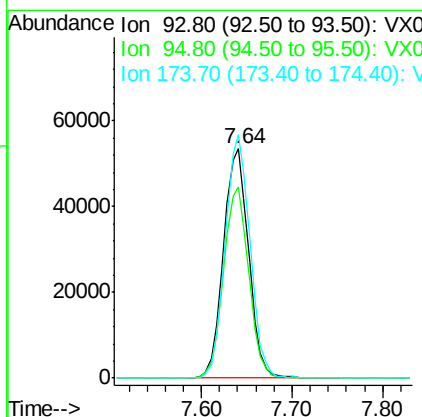
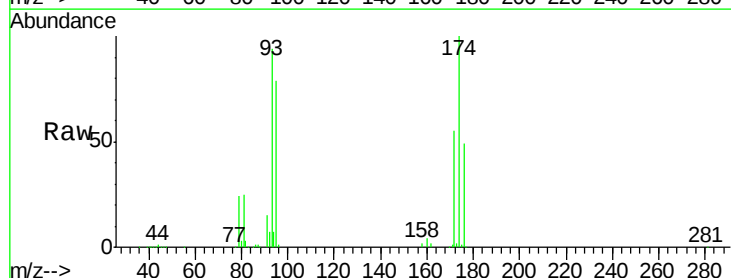
Manual Integrations
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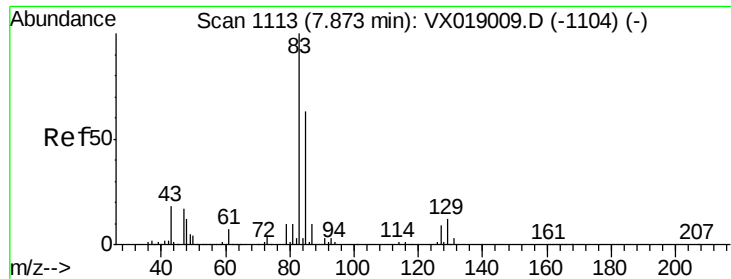
MMDadoda
 10/23/2020 1:52:42 PM



#46
 Dibromomethane
 Concen: 46.076 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX019009.D
 Acq: 21 Oct 2020 19:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	66.8	100.2
174	104.8	83.8	125.8





#47

Bromodichloromethane

Concen: 46.076 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019009.D

Acq: 21 Oct 2020 19:08

Instrument :

MSVOA_X

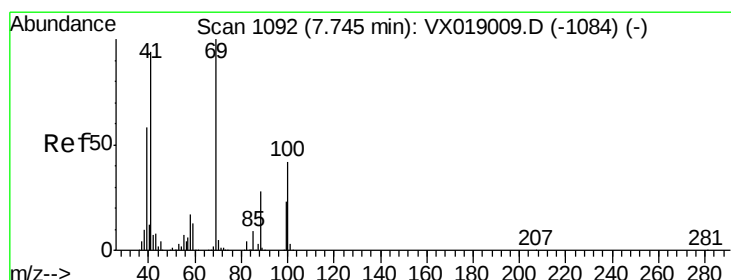
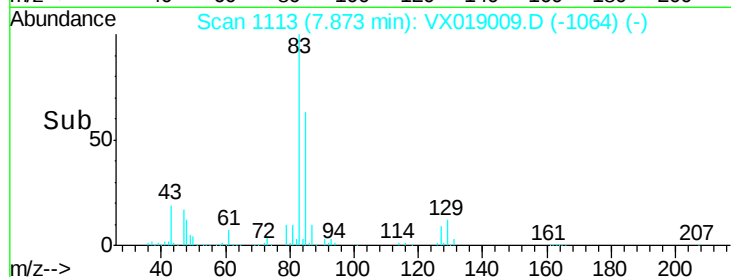
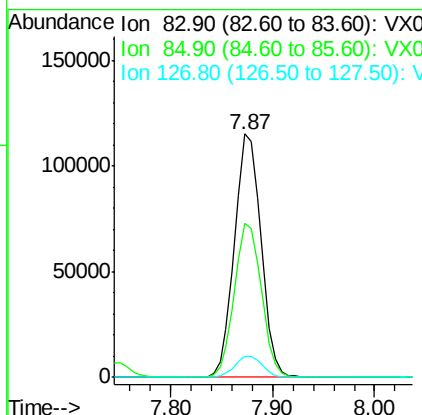
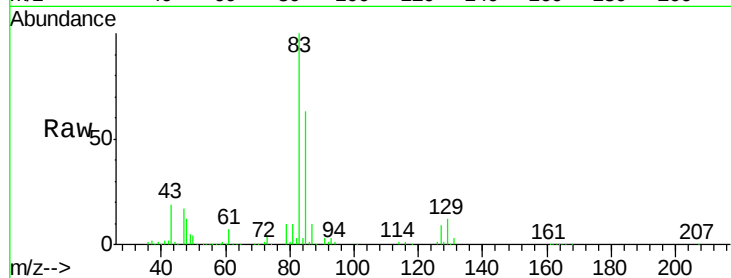
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	208074
Ion Ratio	Lower	Upper	
83	100		
85	63.4	50.7	76.1
127	8.5	6.8	10.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 38.866 ug/l

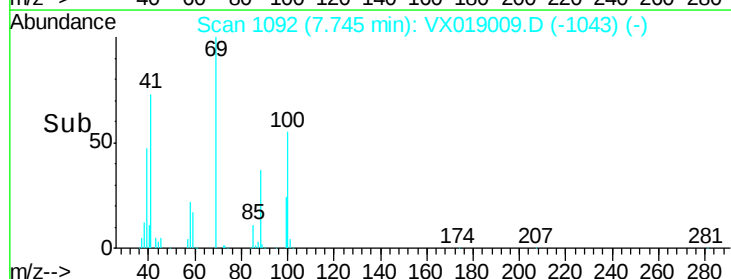
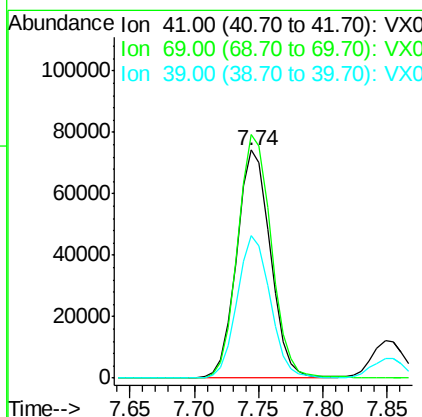
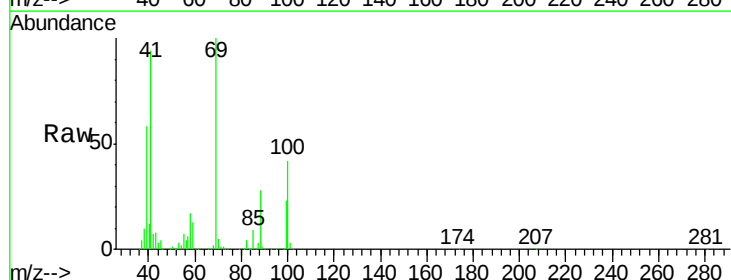
RT: 7.74 min Scan# 1092

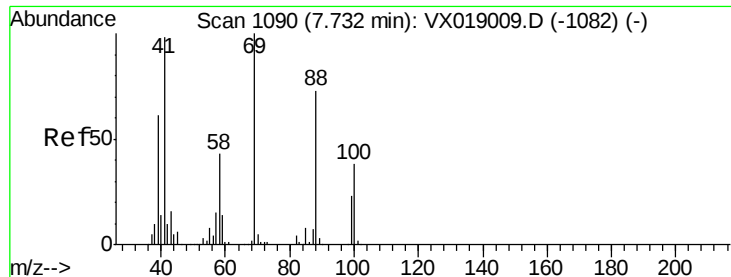
Delta R.T. 0.00 min

Lab File: VX019009.D

Acq: 21 Oct 2020 19:08

Tgt Ion:	41	Resp:	134337
Ion Ratio	Lower	Upper	
41	100		
69	106.9	85.5	128.3
39	61.6	49.3	73.9





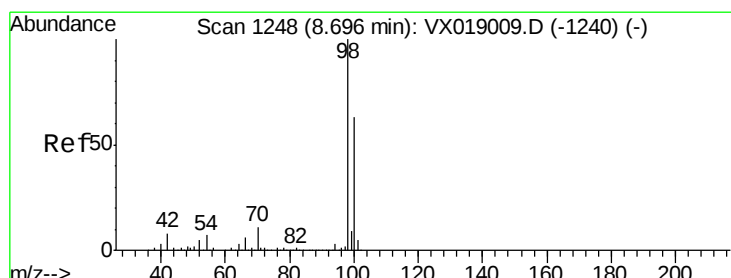
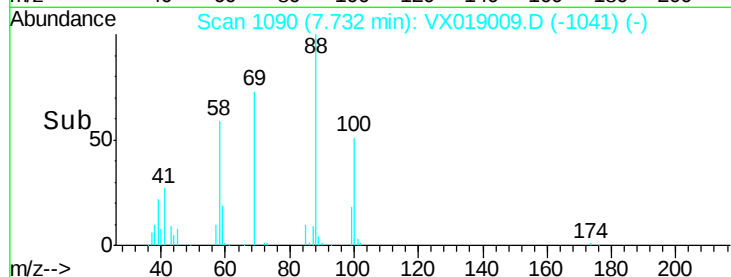
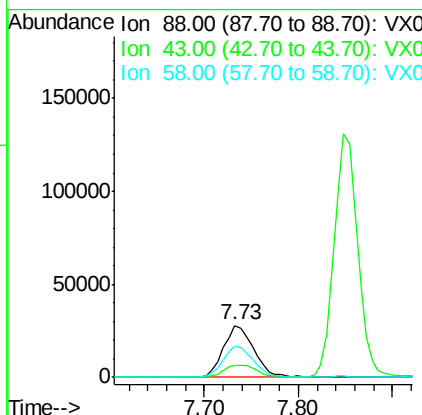
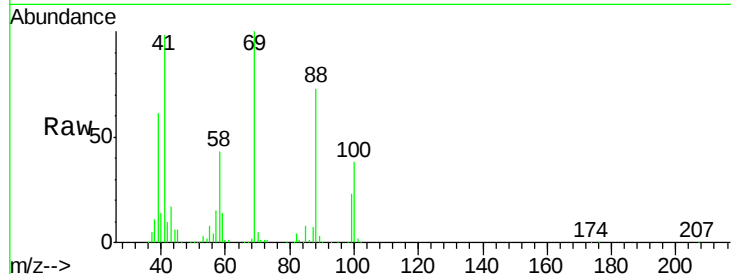
#49
1,4-Dioxane
Concen: 1026.354 ug/l
RT: 7.73 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VX019009.D
Acq: 21 Oct 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.4	20.3	30.5
58	60.5	48.4	72.6

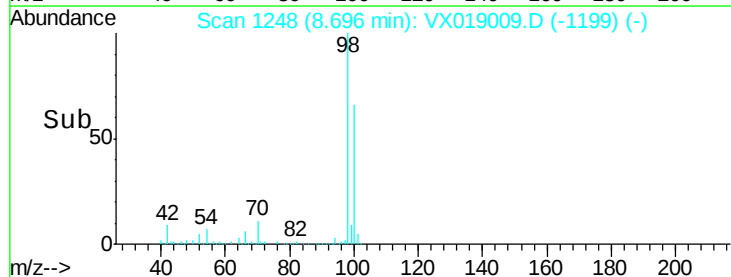
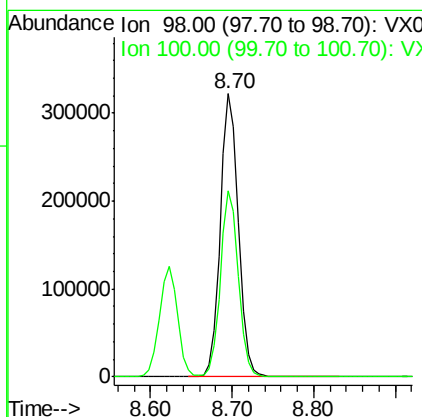
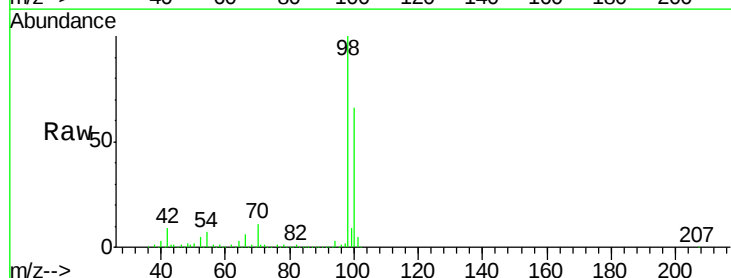
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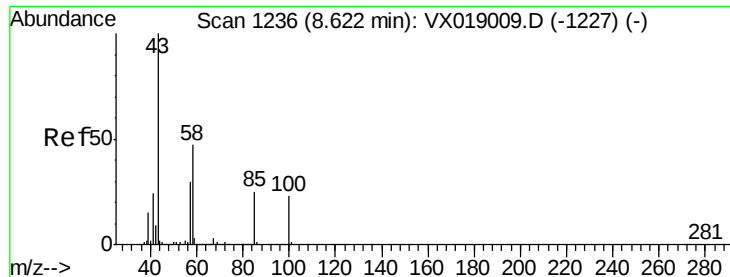
MMDadoda
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#50
Toluene-d8
Concen: 46.101 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019009.D
Acq: 21 Oct 2020 19:08

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.1	78.1





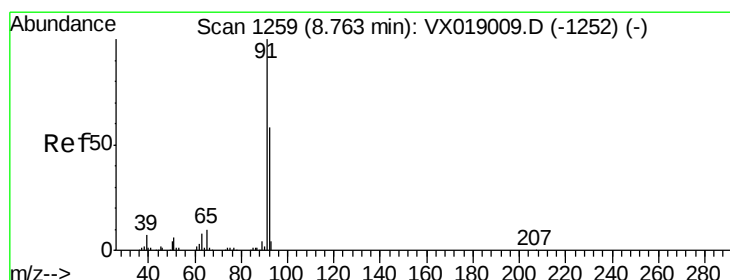
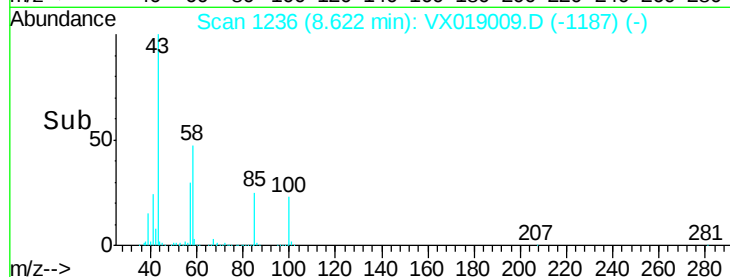
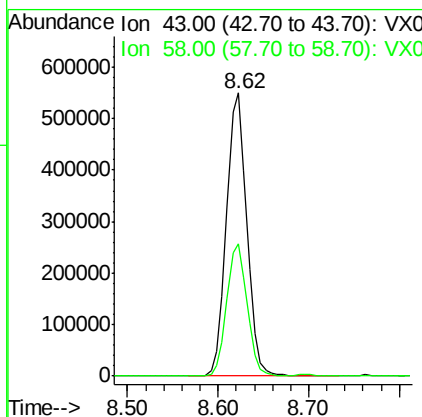
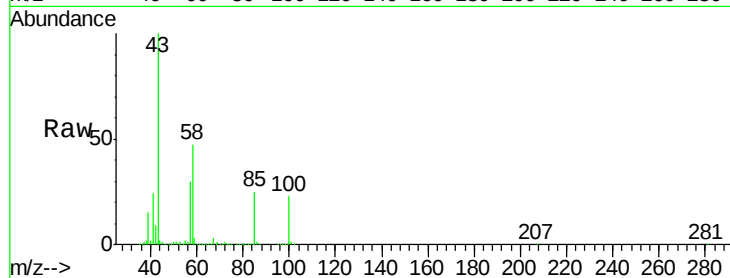
#51
 4-Methyl-2-Pentanone
 Concen: 202.257 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX019009.D
 Acq: 21 Oct 2020 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	43	Resp	859339
Ion Ratio	100	Lower	Upper
43	100		
58	46.7	37.4	56.0

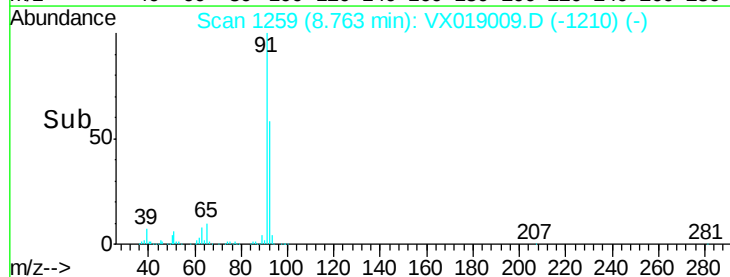
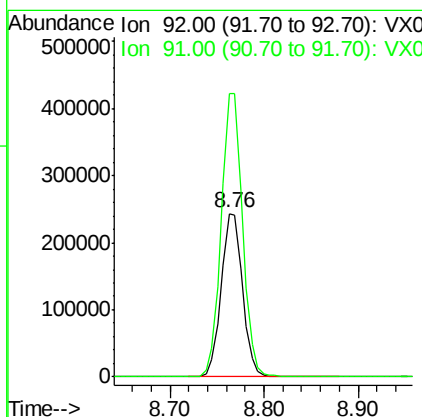
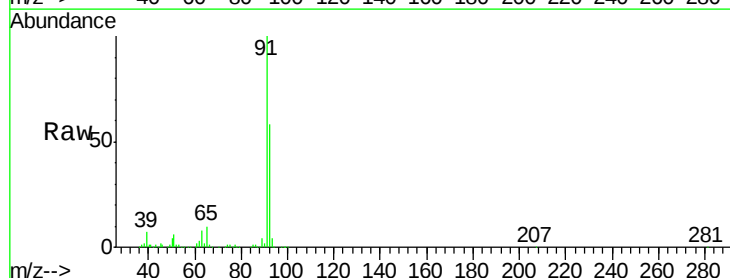
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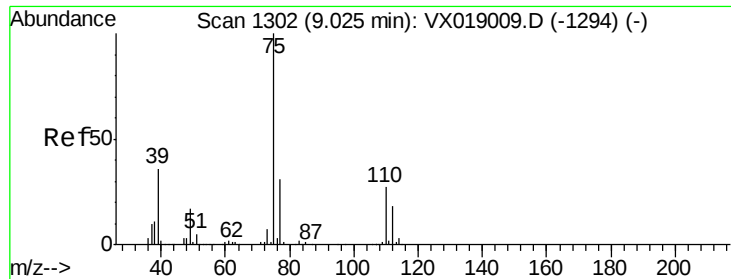
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#52
 Toluene
 Concen: 50.075 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX019009.D
 Acq: 21 Oct 2020 19:08

Tgt Ion	92	Resp	381155
Ion Ratio	100	Lower	Upper
92	100		
91	173.3	138.6	208.0





#53

t-1,3-Dichloropropene

Concen: 45.490 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX019009.D

Acq: 21 Oct 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 233197

Ion Ratio Lower Upper

75 100

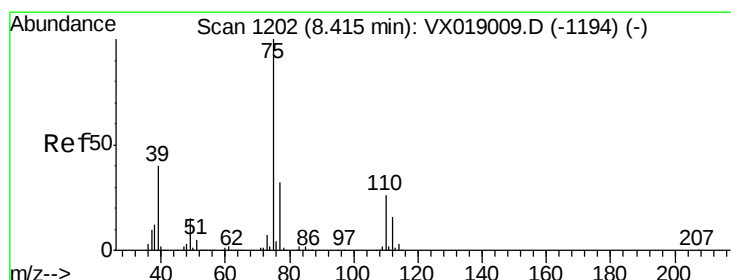
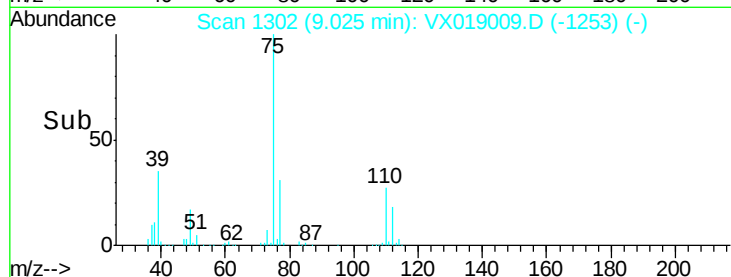
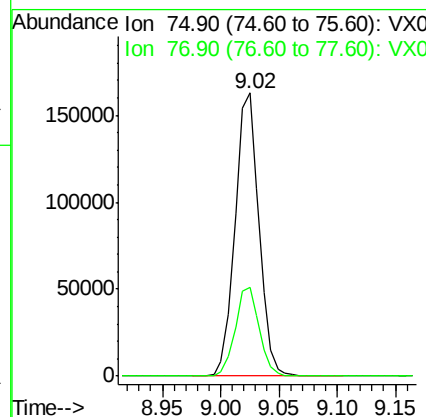
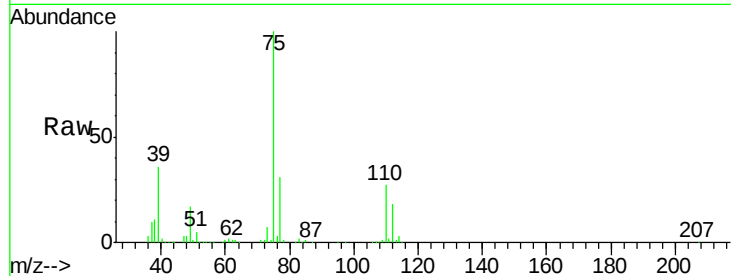
77 31.4 25.1 37.7

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 46.751 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX019009.D

Acq: 21 Oct 2020 19:08

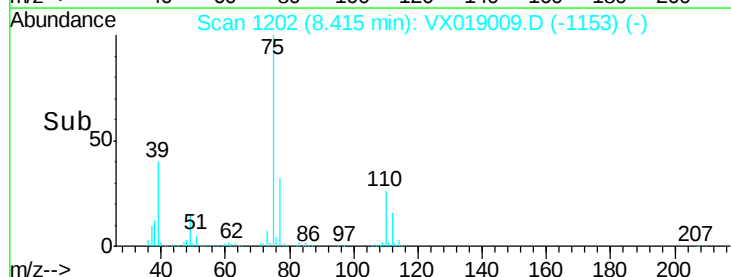
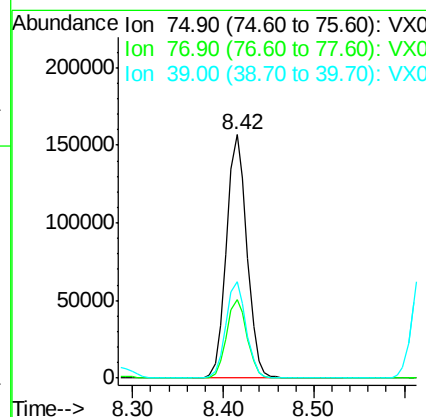
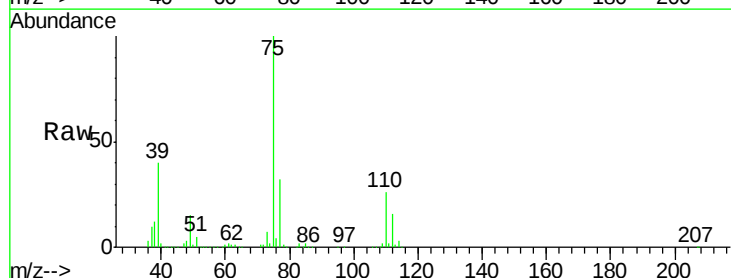
Tgt Ion: 75 Resp: 247174

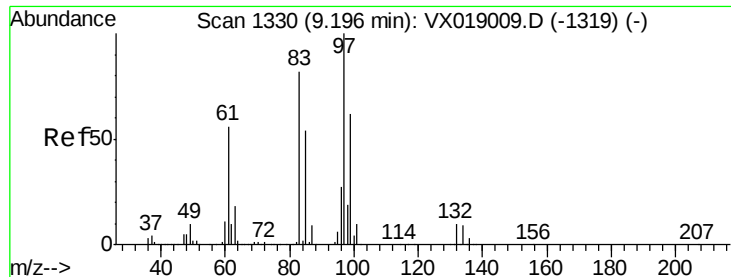
Ion Ratio Lower Upper

75 100

77 32.4 25.9 38.9

39 39.6 31.7 47.5





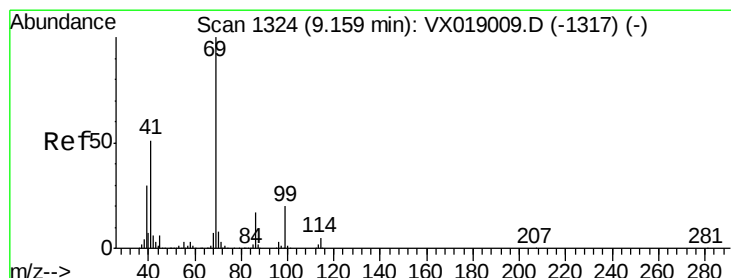
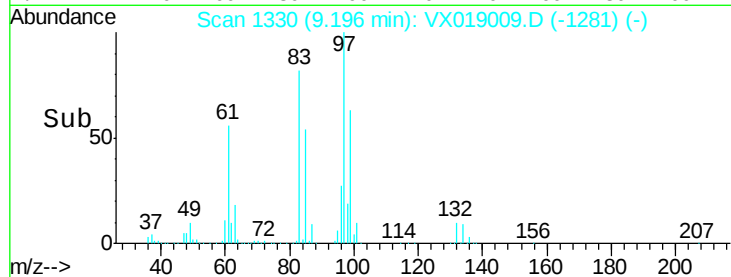
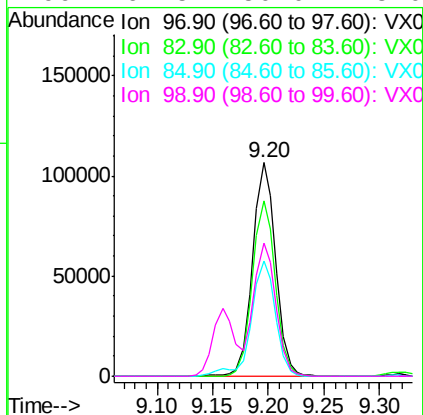
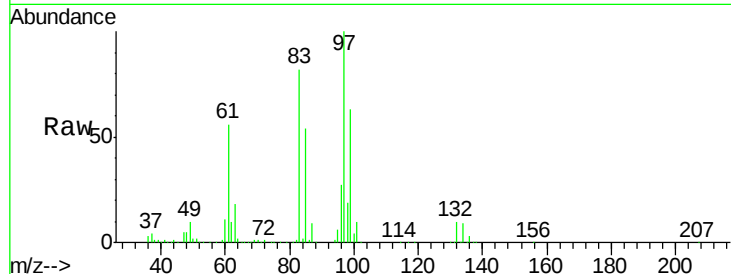
#55
 1,1,2-Trichloroethane
 Concen: 49.086 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019009.D
 Acq: 21 Oct 2020 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		154137		
83	81.8	65.4	98.2		
85	54.1	43.3	64.9		
99	62.5	50.0	75.0		

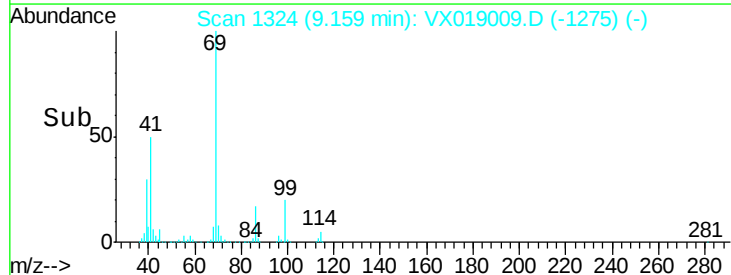
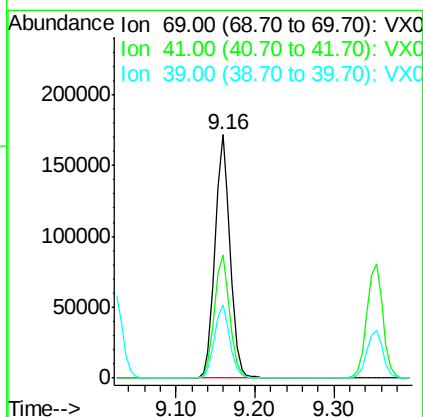
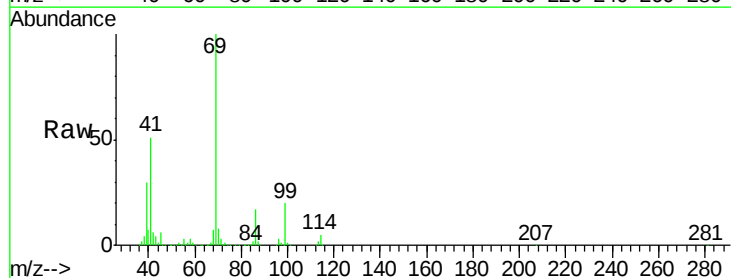
Manual Integrations
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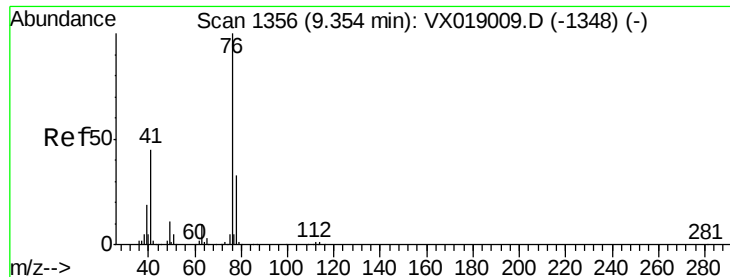
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#56
 Ethyl methacrylate
 Concen: 49.486 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019009.D
 Acq: 21 Oct 2020 19:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		228723		
41	51.4	41.1	61.7		
39	30.8	24.6	37.0		





#57

1,3-Dichloropropane

Concen: 47.297 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX019009.D

Acq: 21 Oct 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 248018

Ion Ratio Lower Upper

76 100

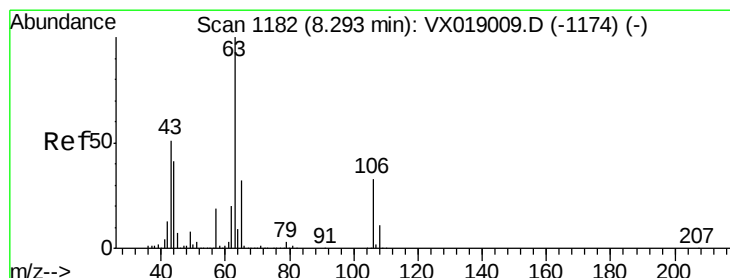
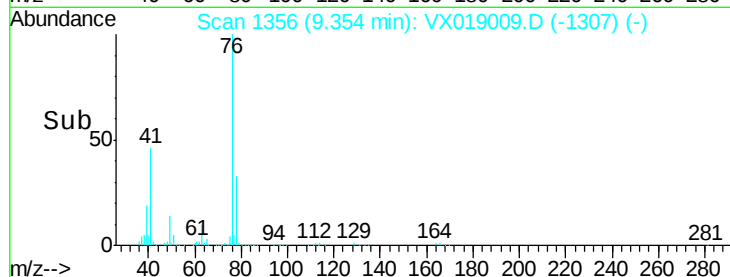
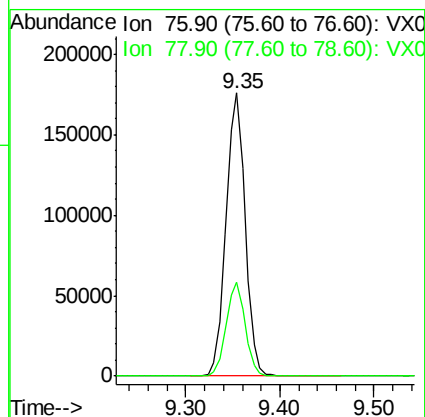
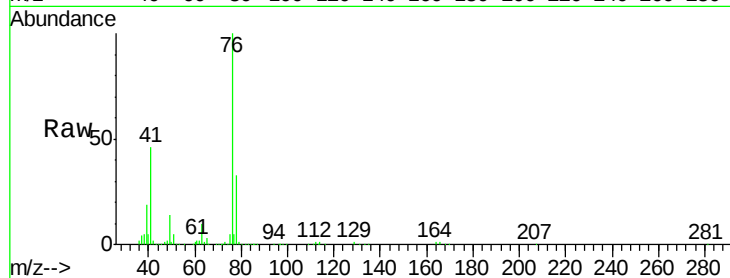
78 32.8 26.2 39.4

Manual Integrations

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10/23/2020 1:52:42 PM



#58

2-Chloroethyl Vinyl ether

Concen: 237.397 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX019009.D

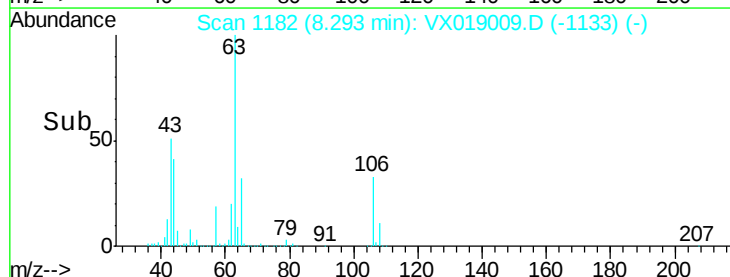
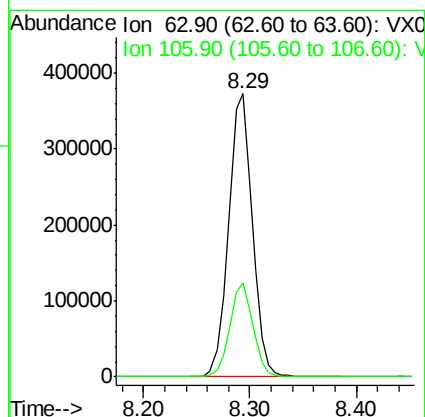
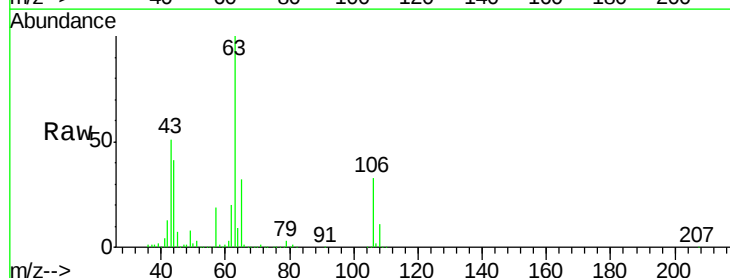
Acq: 21 Oct 2020 19:08

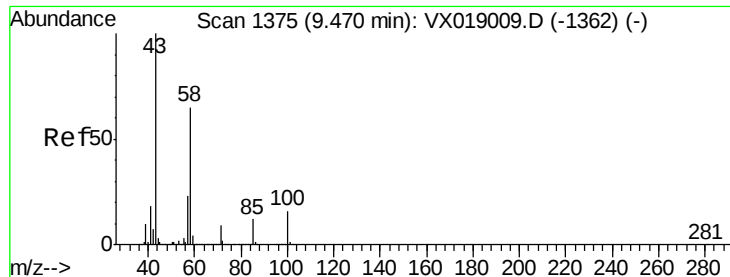
Tgt Ion: 63 Resp: 580645

Ion Ratio Lower Upper

63 100

106 32.5 26.0 39.0





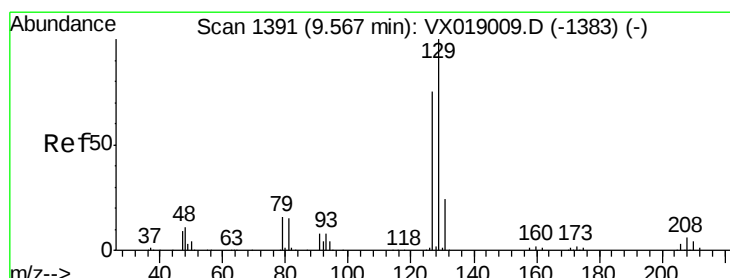
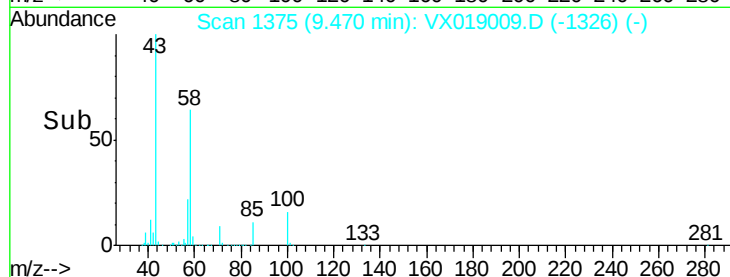
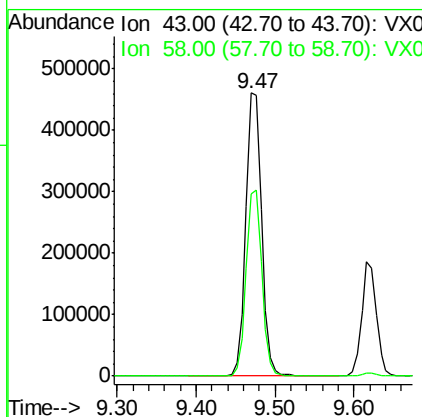
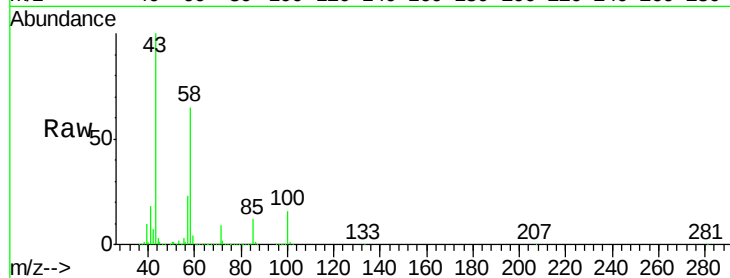
#59
2-Hexanone
Concen: 199.461 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019009.D
Acq: 21 Oct 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	65.6	32.8	98.4

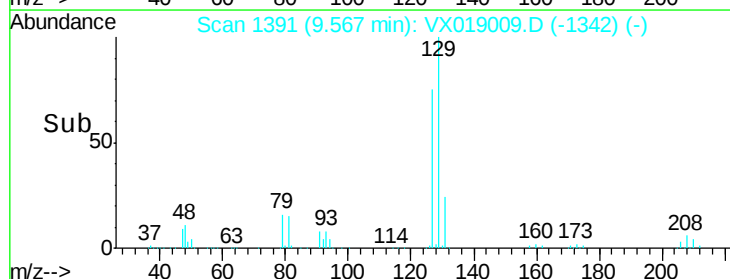
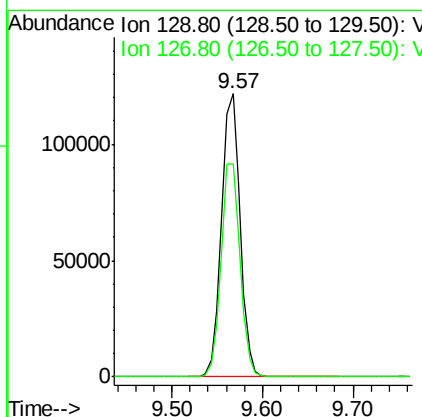
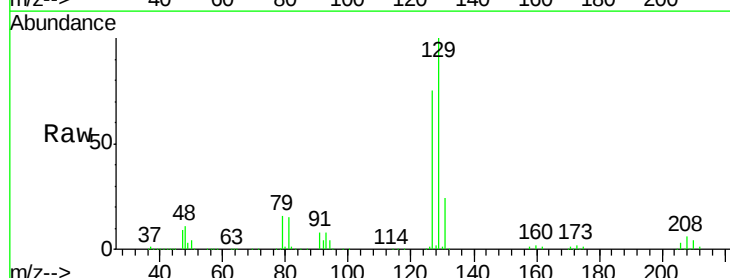
Manual Integrations
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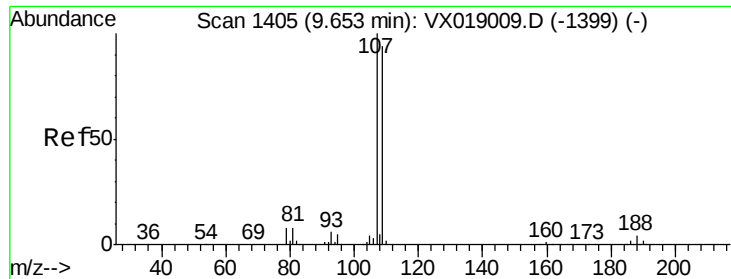
MMDadoda
10/23/2020 1:52:42 PM



#60
Dibromochloromethane
Concen: 47.152 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX019009.D
Acq: 21 Oct 2020 19:08

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.6	115.7





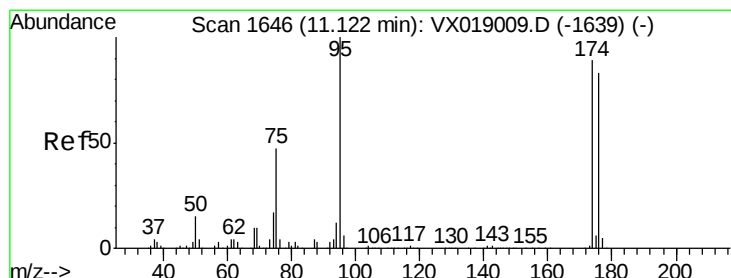
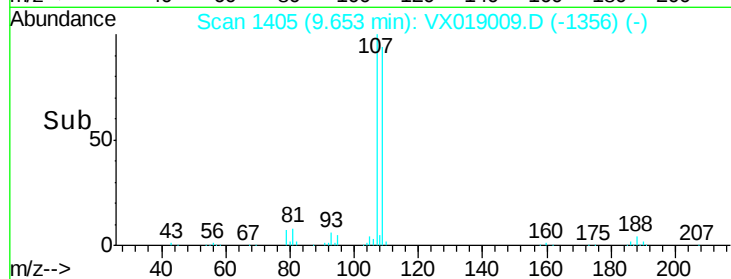
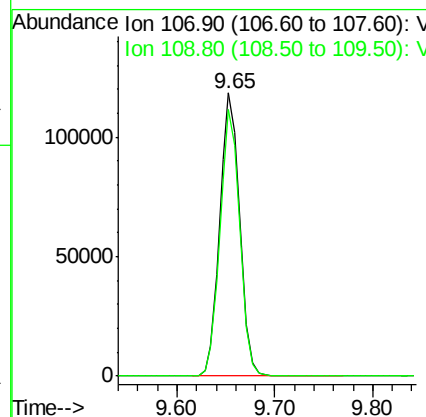
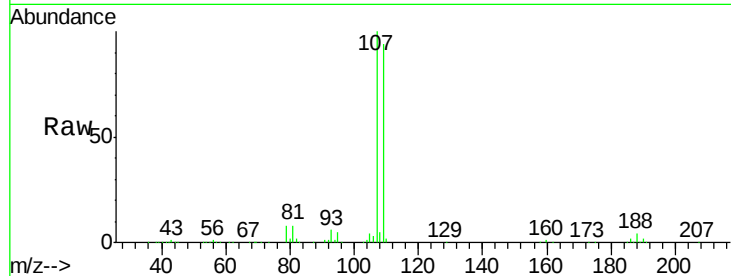
#61
 1,2-Dibromoethane
 Concen: 50.053 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX019009.D
 Acq: 21 Oct 2020 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.8	75.0	112.6

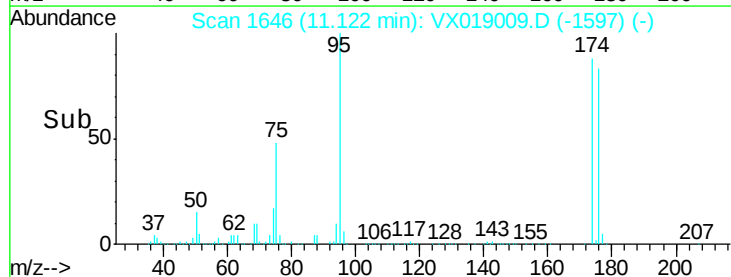
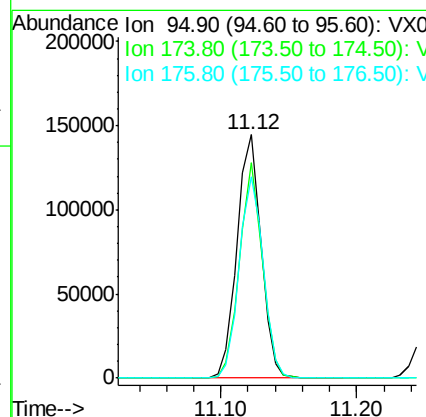
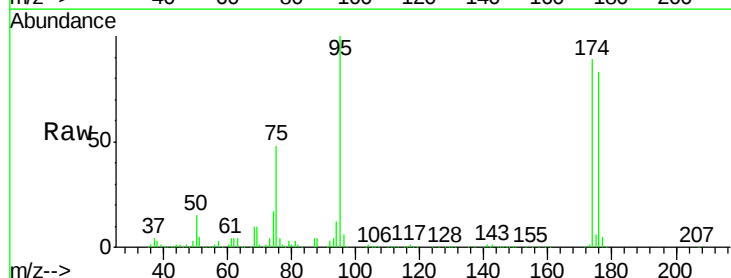
Manual Integrations
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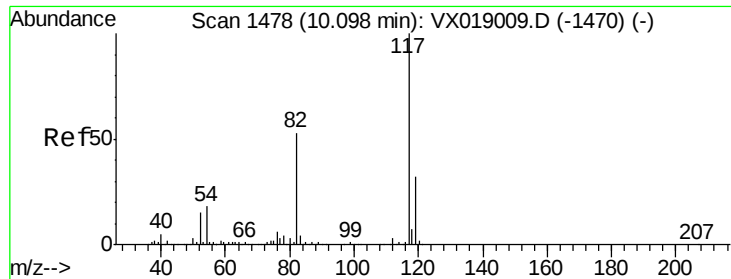
MMDadoda
 10/23/2020 1:52:42 PM



#62
 4-Bromofluorobenzene
 Concen: 42.239 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX019009.D
 Acq: 21 Oct 2020 19:08

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.8	0.0	167.6
176	82.6	0.0	165.2





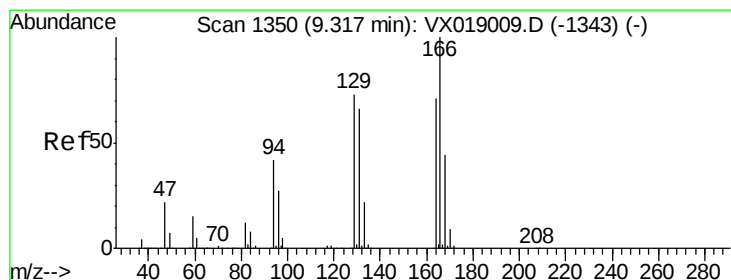
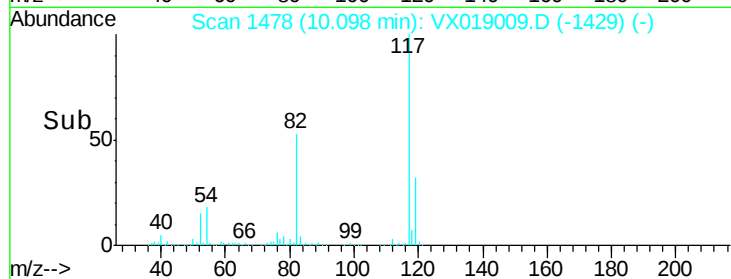
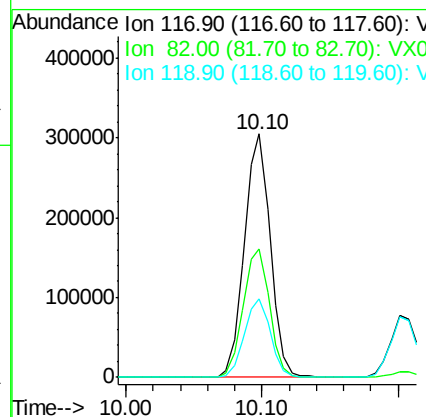
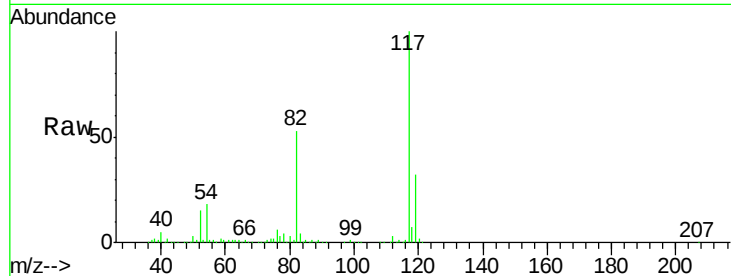
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019009.D
Acq: 21 Oct 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	404163		
82	53.0		42.4	63.6
119	32.0		25.6	38.4

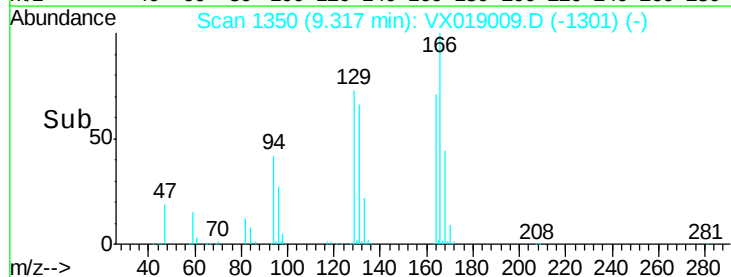
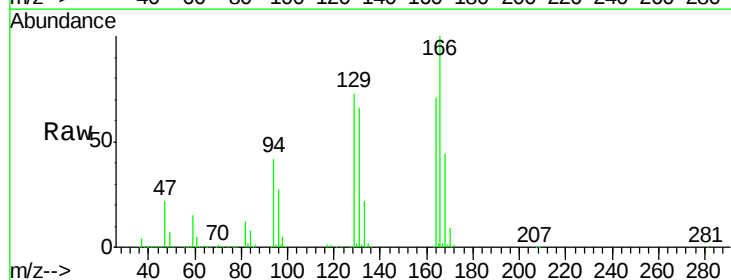
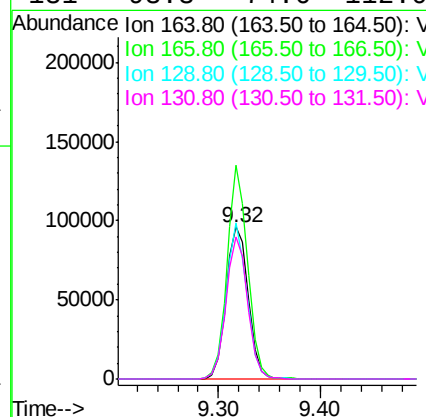
Manual Integrations
APPROVED

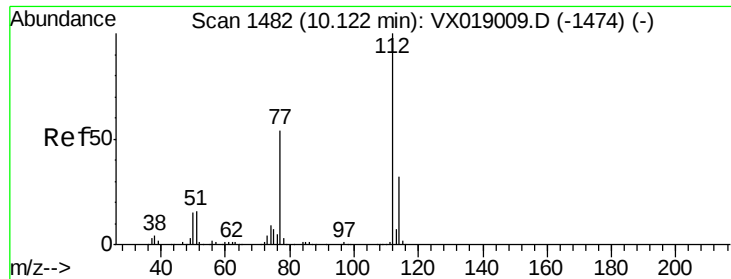
MMDadoda
10/23/2020 1:52:42 PM



#64
Tetrachloroethene
Concen: 45.915 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019009.D
Acq: 21 Oct 2020 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	144716		
166	140.3		112.2	168.4
129	102.3		81.8	122.8
131	93.3		74.6	112.0





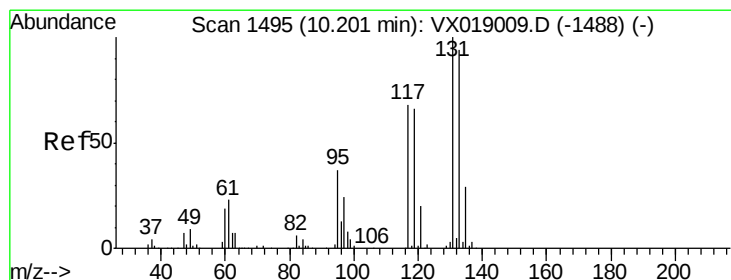
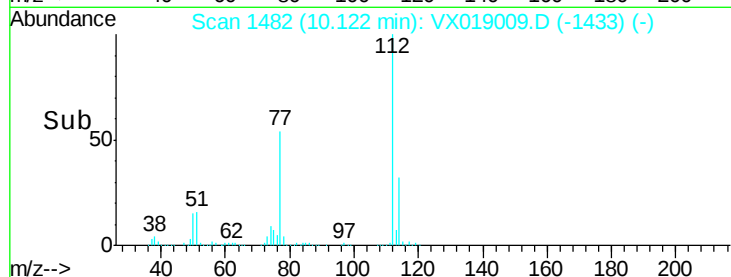
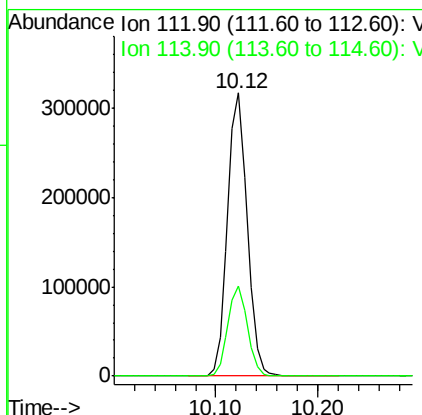
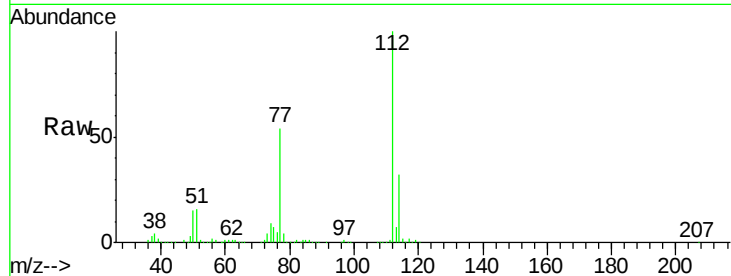
#65
Chlorobenzene
Concen: 50.516 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX019009.D
Acq: 21 Oct 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:112 Resp: 421844
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3

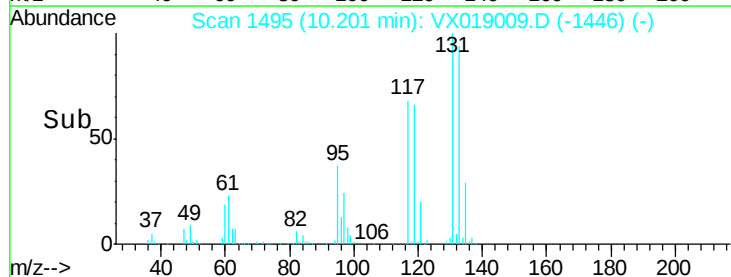
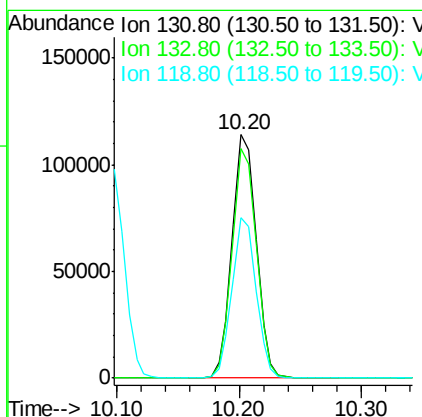
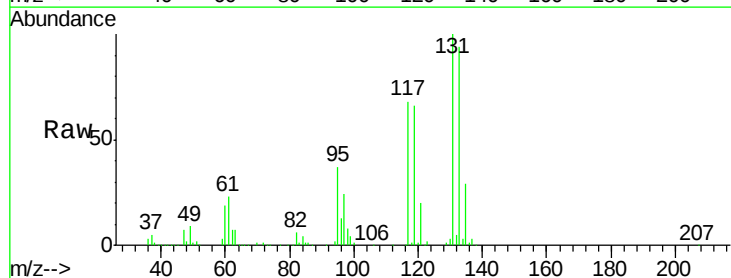
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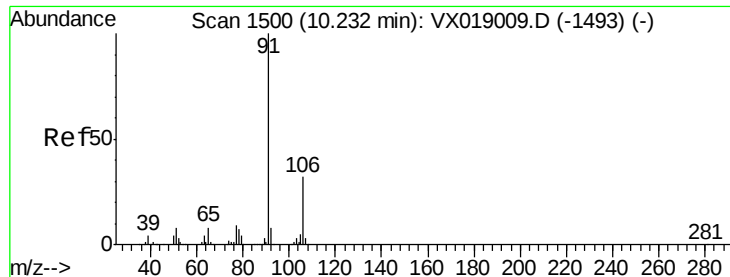
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.372 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019009.D
Acq: 21 Oct 2020 19:08

Tgt Ion:131 Resp: 156585
Ion Ratio Lower Upper
131 100
133 94.1 47.0 141.2
119 65.8 32.9 98.7





#67

Ethyl Benzene

Concen: 50.675 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019009.D

Acq: 21 Oct 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 728700

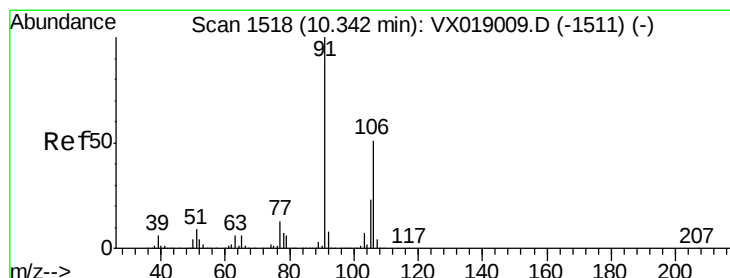
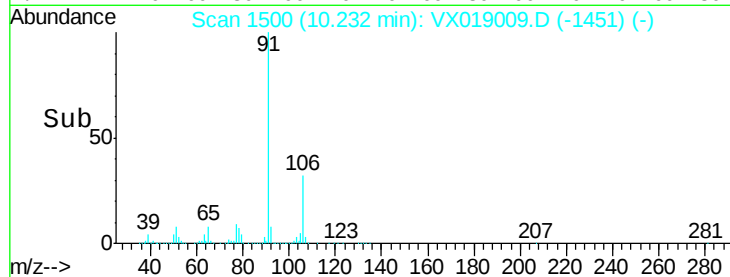
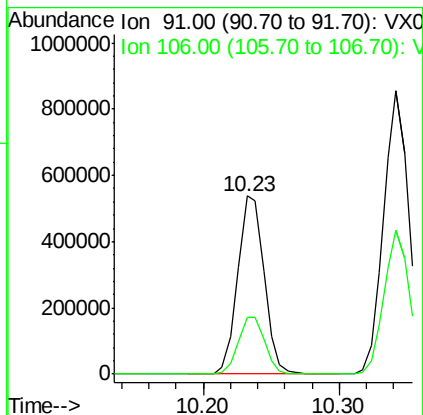
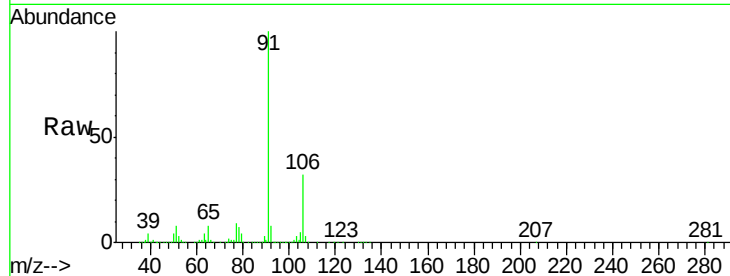
Ion Ratio Lower Upper

91 100

106 31.6 25.3 37.9

Manual Integrations
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#68

m/p-Xylenes

Concen: 103.974 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019009.D

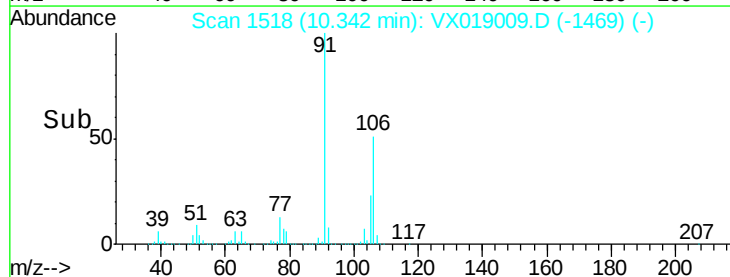
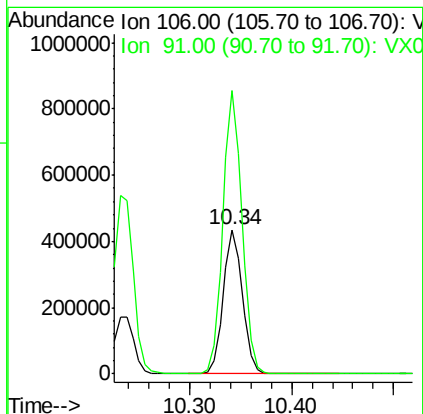
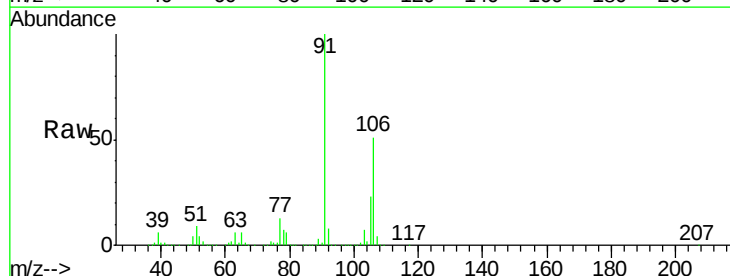
Acq: 21 Oct 2020 19:08

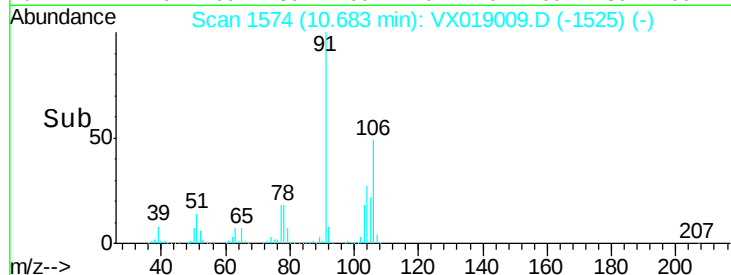
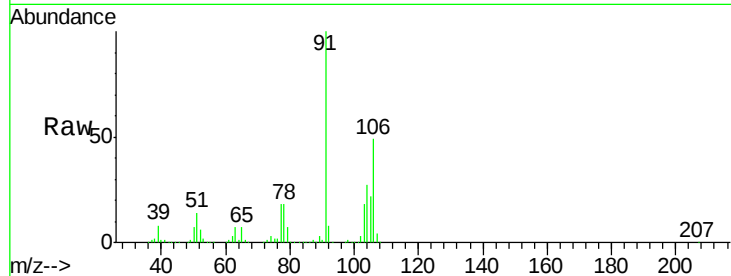
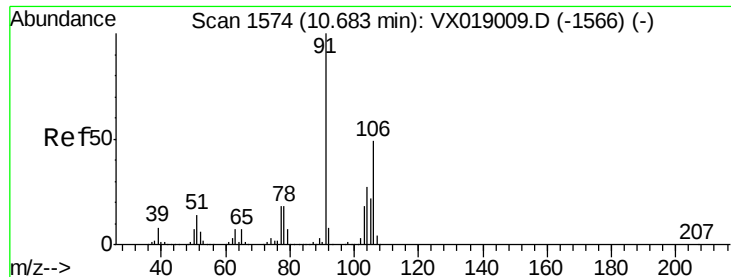
Tgt Ion: 106 Resp: 569828

Ion Ratio Lower Upper

106 100

91 196.1 156.9 235.3





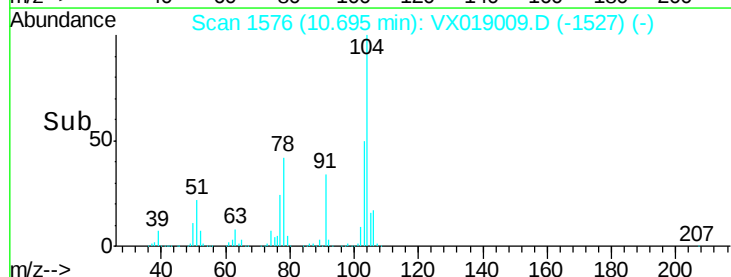
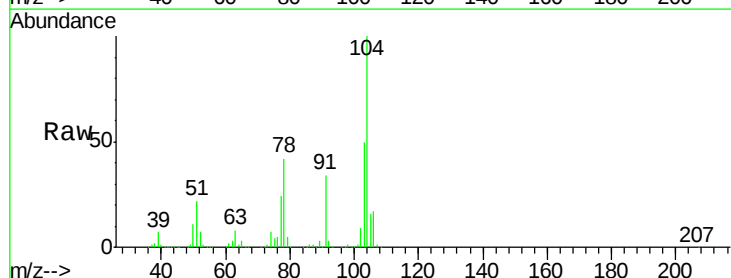
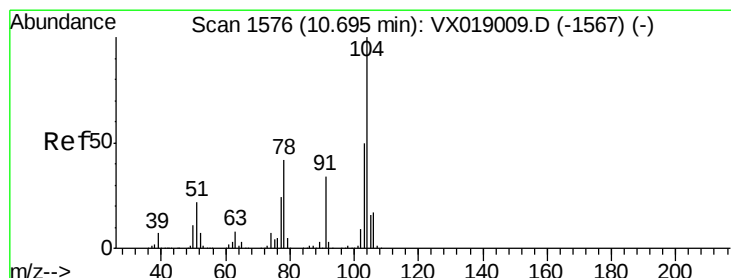
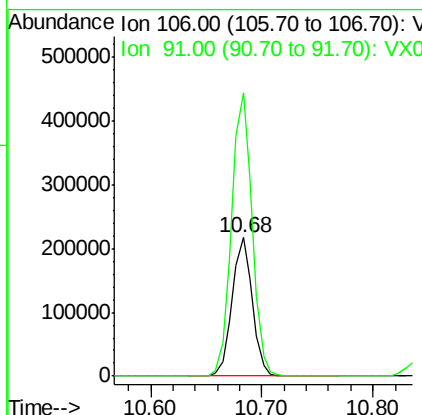
#69
o-Xylene
Concen: 52.402 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019009.D
Acq: 21 Oct 2020 19:08

Tot Ion	Ratio	Resp	Lower	Upper
106	100	271712		
91	208.0	104.0	312.0	

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

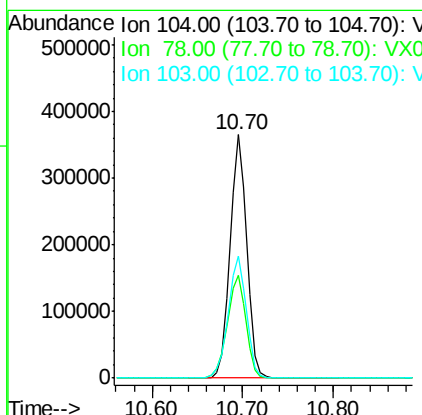
Manual Integrations
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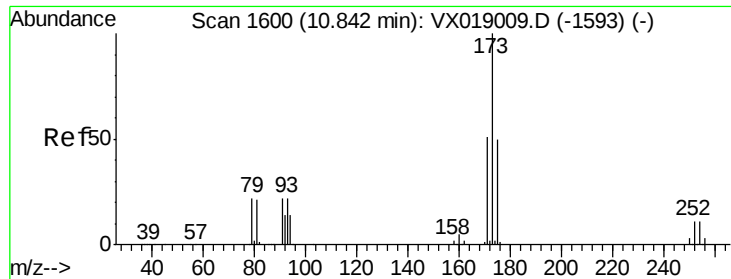
MMDadoda
10/23/2020 1:52:42 PM



#70
Styrene
Concen: 52.376 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019009.D
Acq: 21 Oct 2020 19:08

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	465716		
78	47.1	37.7	56.5	
103	54.4	43.5	65.3	





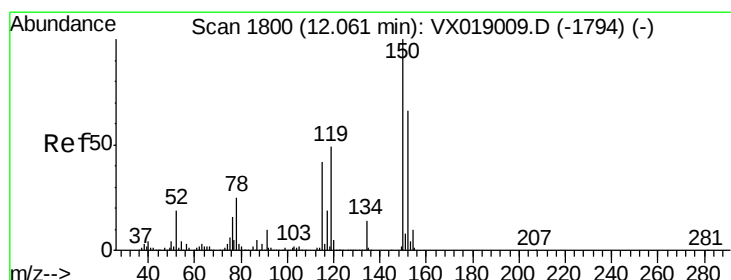
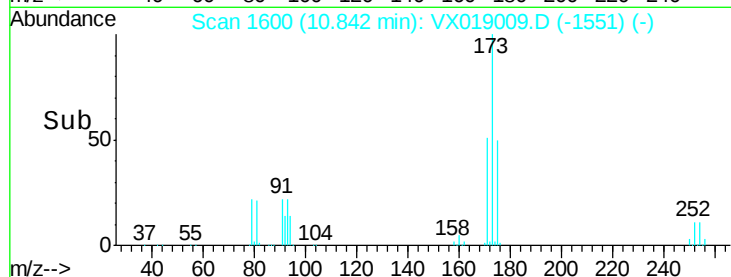
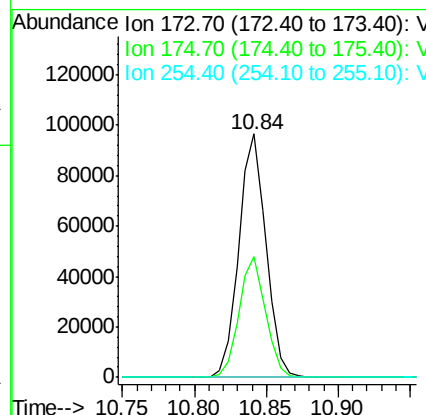
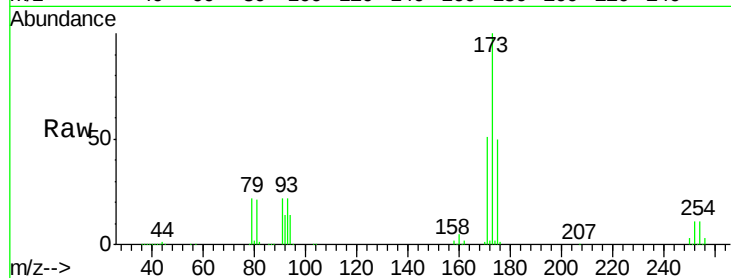
#71
Bromoform
Concen: 46.249 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX019009.D
Acq: 21 Oct 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.3	24.1	72.4
254	0.1	0.1	0.1

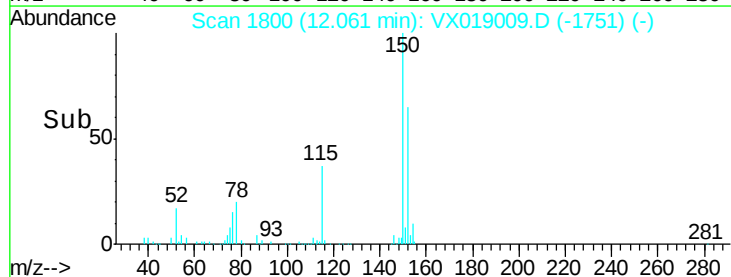
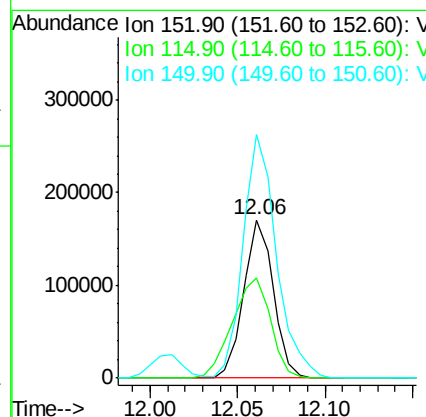
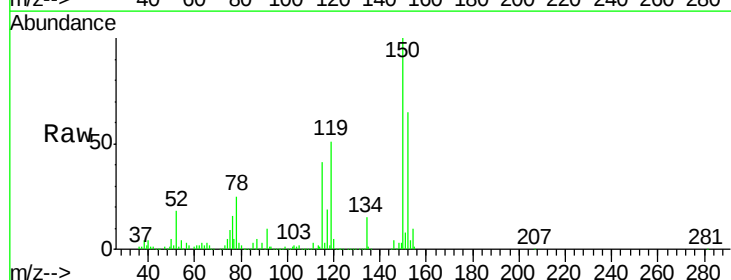
Manual Integrations
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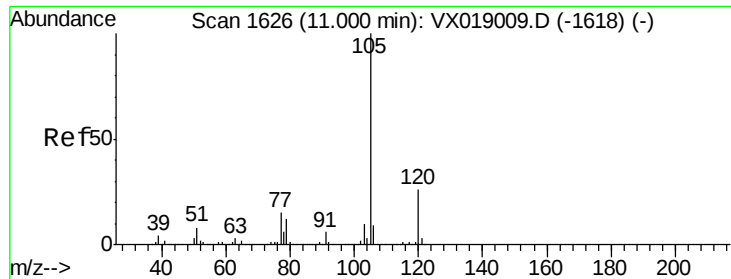
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019009.D
Acq: 21 Oct 2020 19:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	81.7	40.8	122.5
150	172.8	0.0	345.6





#73

Isopropylbenzene

Concen: 53.814 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019009.D

Acq: 21 Oct 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 105 Resp: 733699

Ion Ratio Lower Upper

105 100

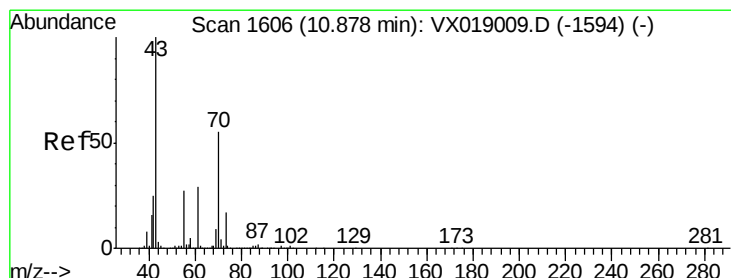
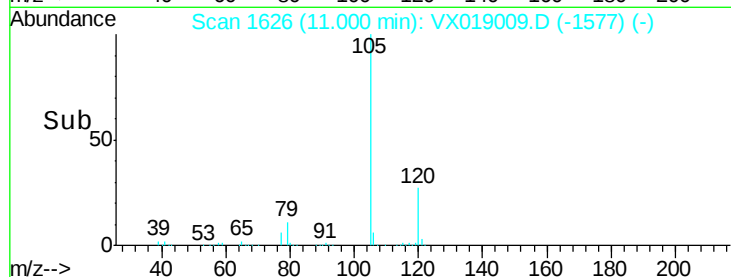
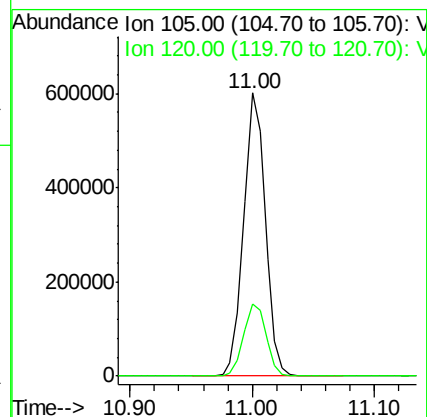
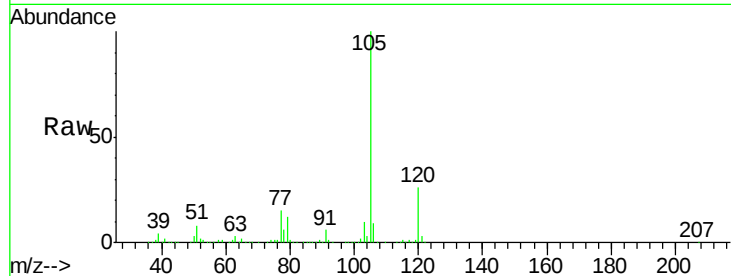
120 26.7 13.4 40.1

Manual Integrations

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#74

N-ethyl acetate

Concen: 41.148 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019009.D

Acq: 21 Oct 2020 19:08

Tgt Ion: 43 Resp: 239304

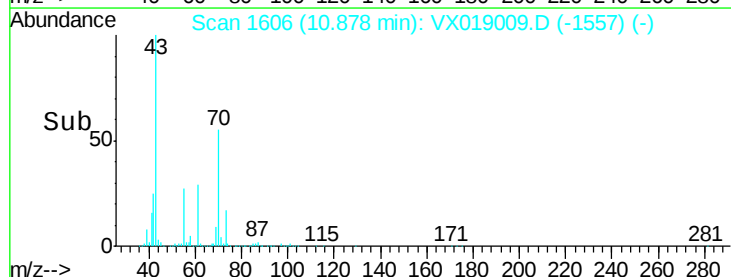
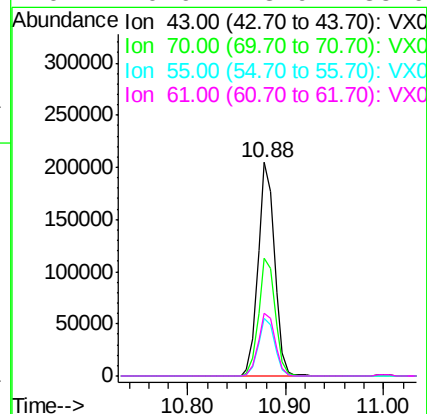
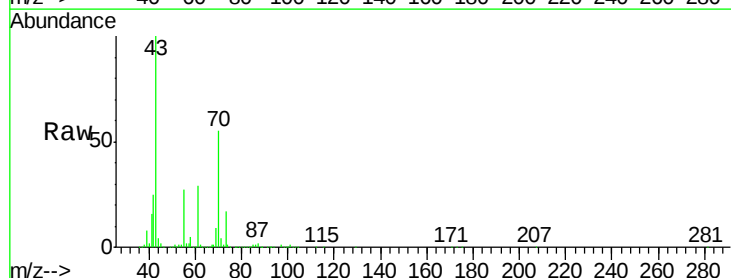
Ion Ratio Lower Upper

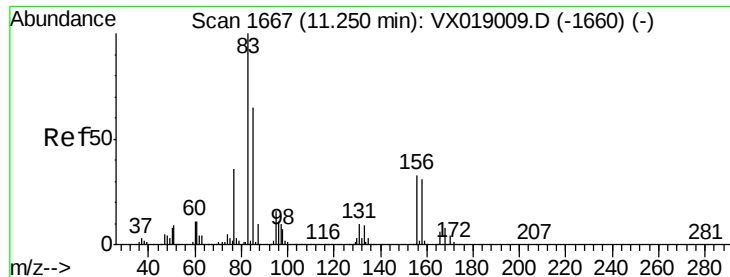
43 100

70 55.6 44.5 66.7

55 27.4 21.9 32.9

61 29.9 23.9 35.9





#75

1,1,2,2-Tetrachloroethane

Concen: 49.447 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019009.D

Acq: 21 Oct 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 83 Resp: 220497
Ion Ratio Lower Upper

83 100

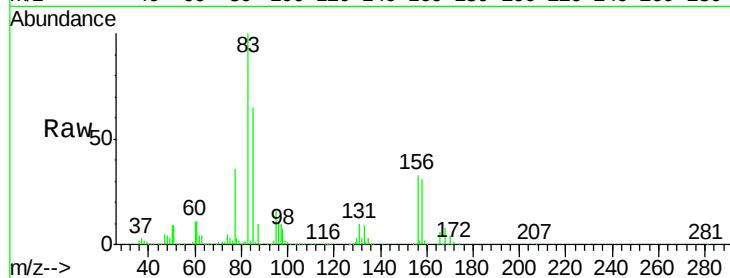
131 10.3 5.1 15.4

85 64.5 32.3 96.8

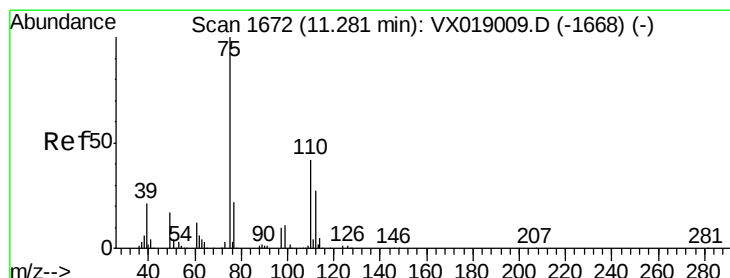
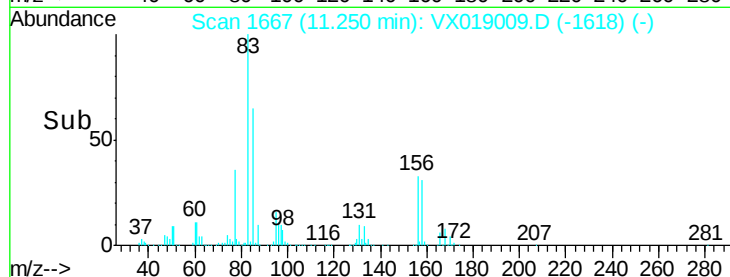
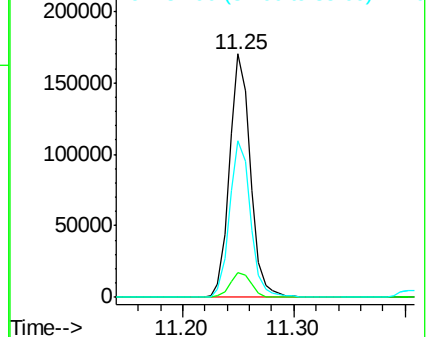
Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 48.214 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

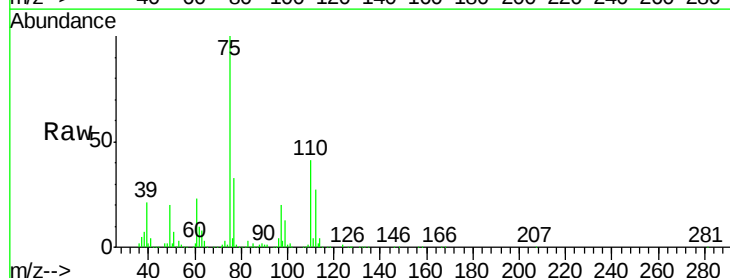
Lab File: VX019009.D

Acq: 21 Oct 2020 19:08

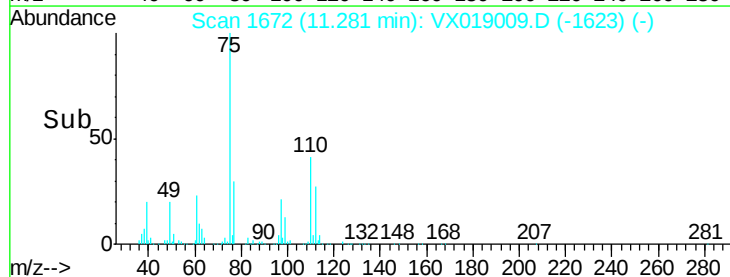
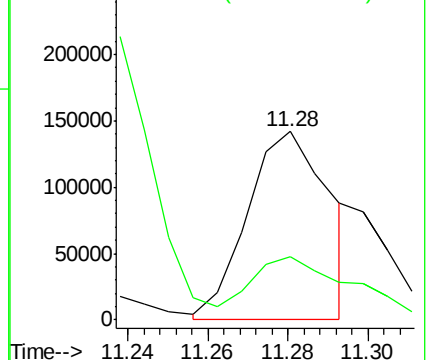
Tgt Ion: 75 Resp: 202757
Ion Ratio Lower Upper

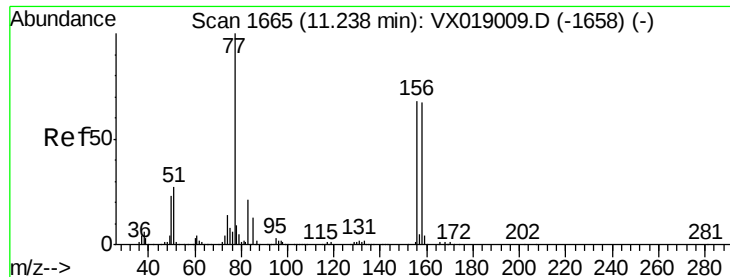
75 100

77 41.4 20.7 62.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





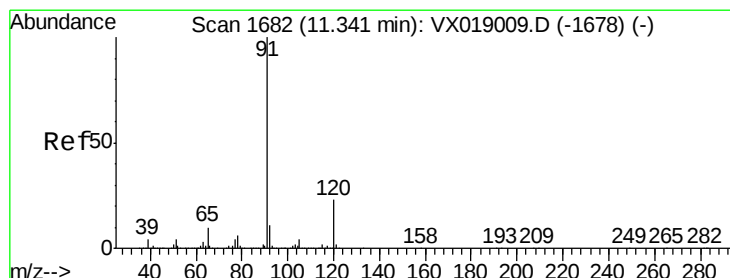
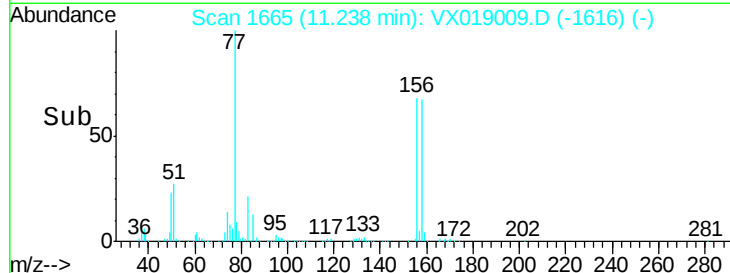
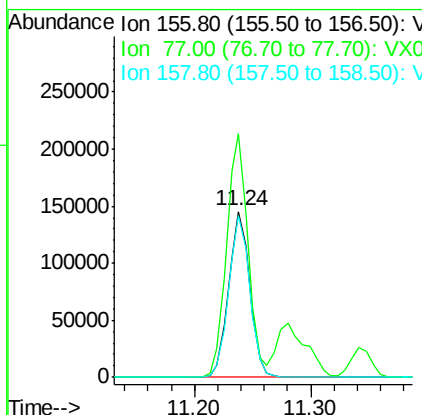
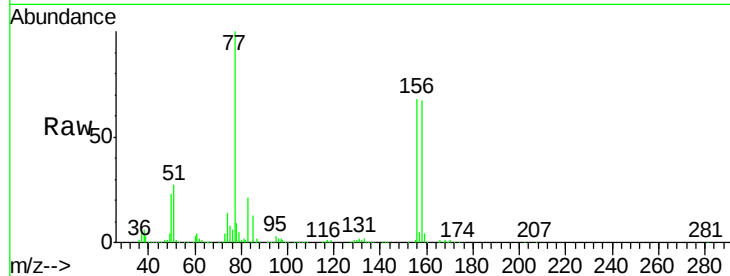
#77
Bromobenzene
Concen: 49.076 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX019009.D
Acq: 21 Oct 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	148.7	74.4	223.1
158	97.5	48.8	146.3

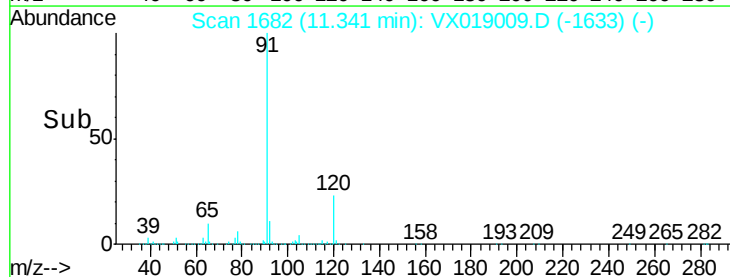
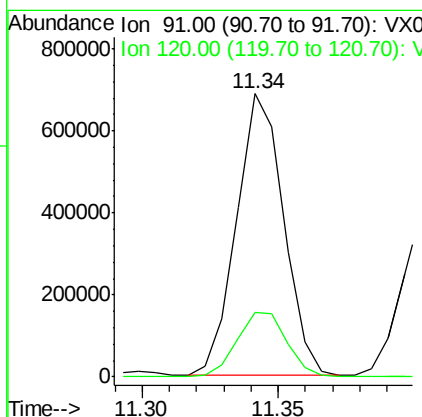
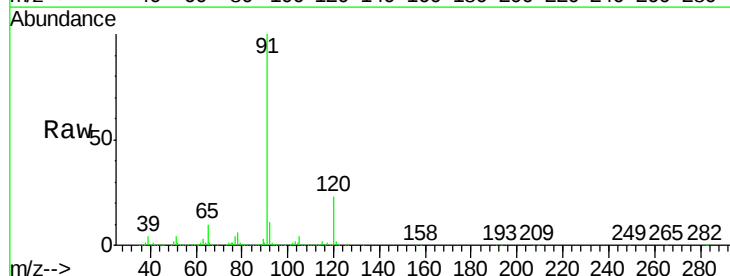
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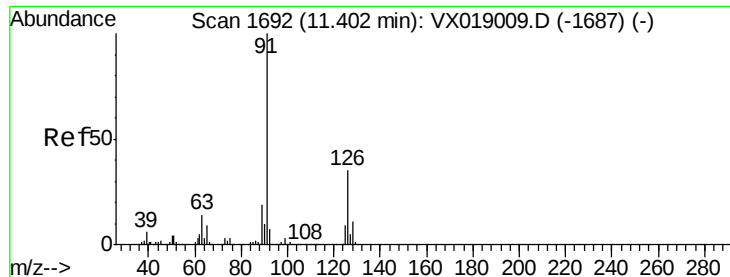
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#78
n-propylbenzene
Concen: 52.214 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VX019009.D
Acq: 21 Oct 2020 19:08

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.2	12.1	36.3





#79

2-Chlorotoluene

Concen: 50.343 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019009.D

Acq: 21 Oct 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 480294

Ion Ratio Lower Upper

91 100

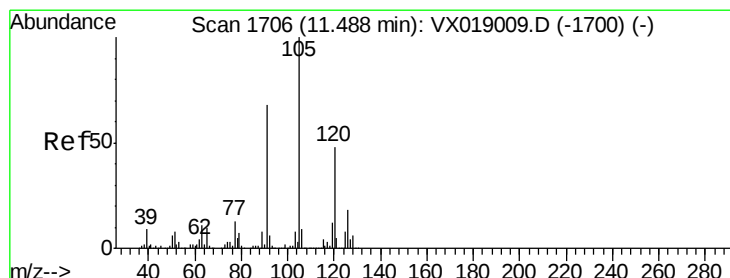
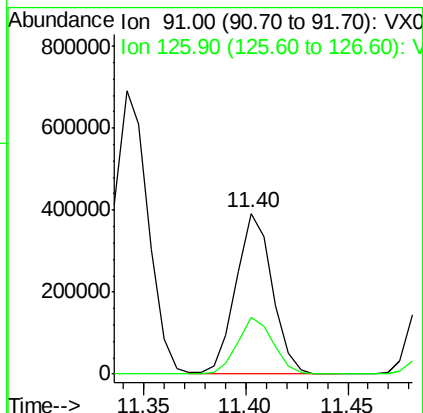
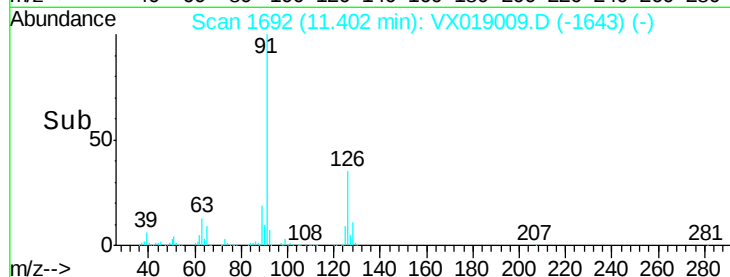
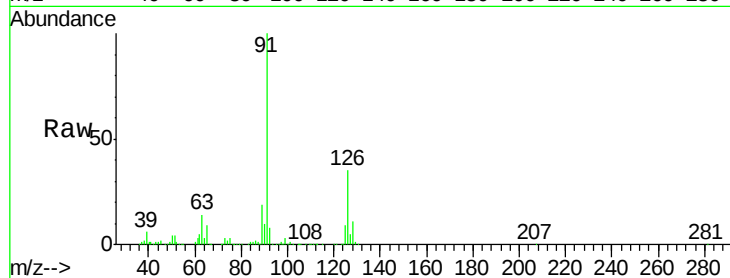
126 35.0 17.5 52.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 52.435 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019009.D

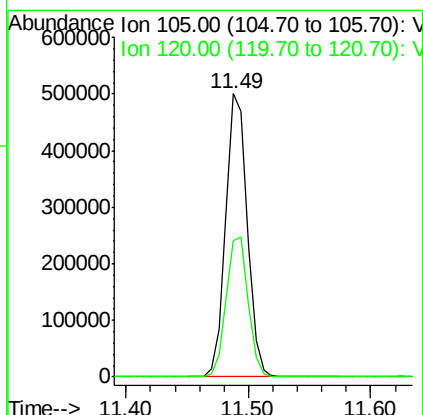
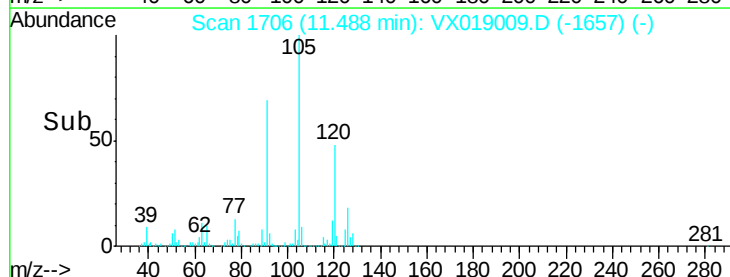
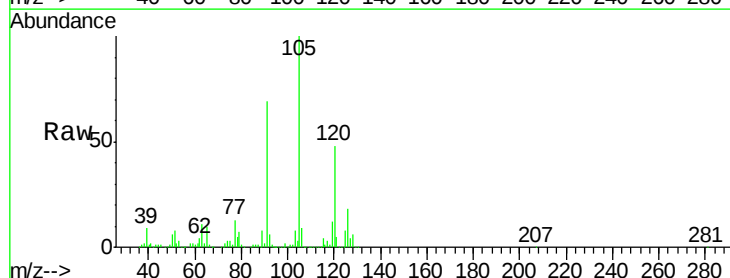
Acq: 21 Oct 2020 19:08

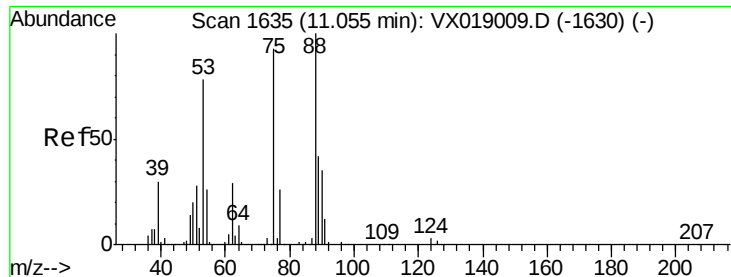
Tgt Ion: 105 Resp: 607065

Ion Ratio Lower Upper

105 100

120 50.4 25.2 75.6





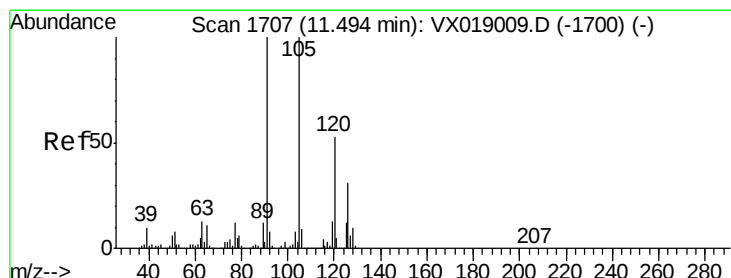
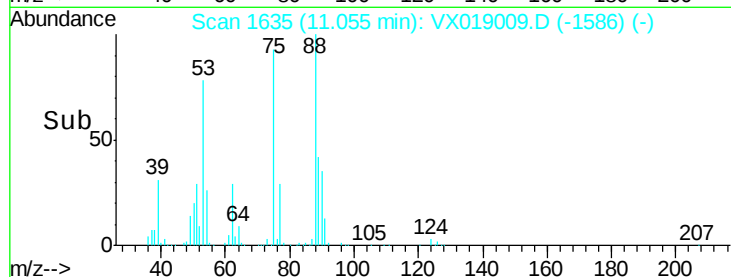
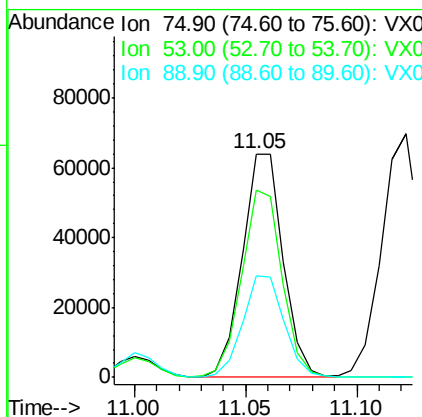
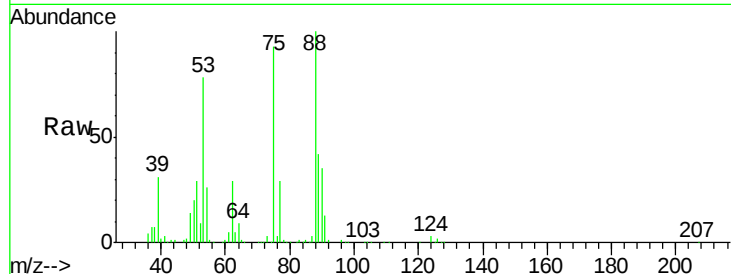
#81
trans-1,4-Dichloro-2-butene
Concen: 49.509 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX019009.D
Acq: 21 Oct 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	84.3	67.4	101.2
89	46.5	37.2	55.8

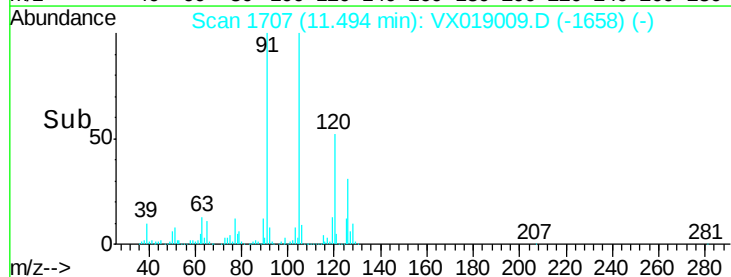
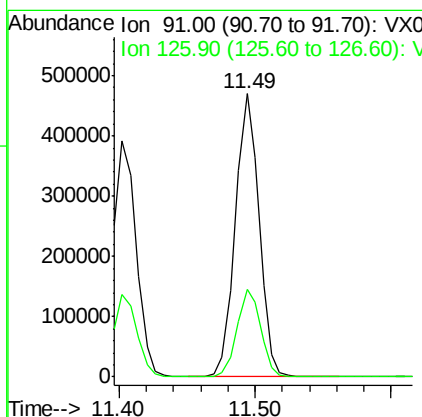
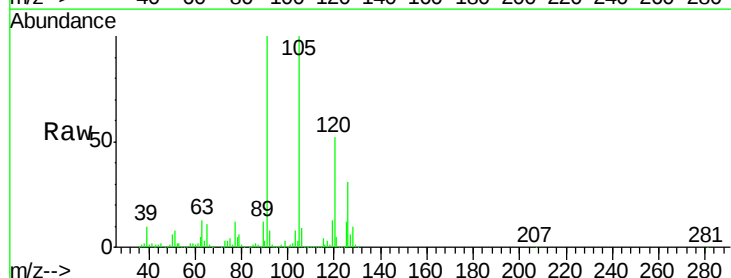
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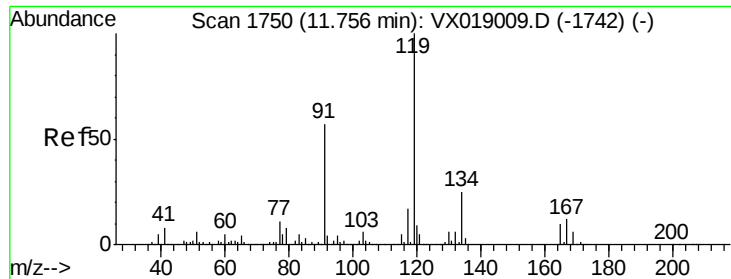
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#82
4-Chlorotoluene
Concen: 50.216 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019009.D
Acq: 21 Oct 2020 19:08

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.6	46.7





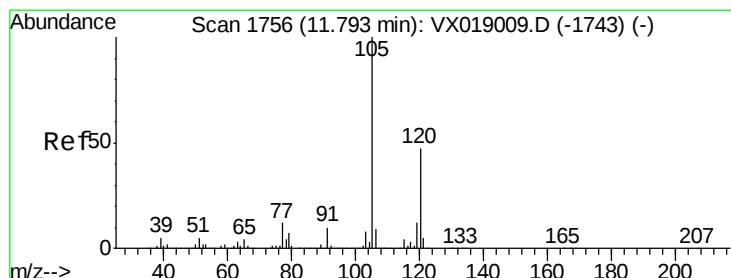
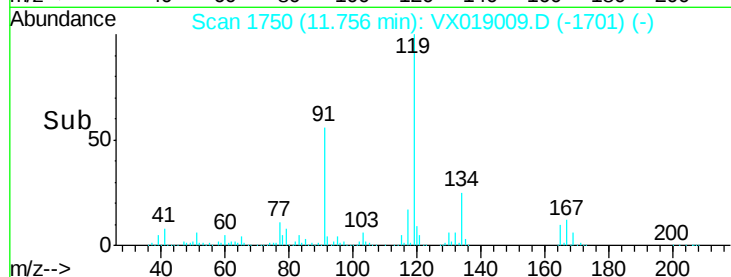
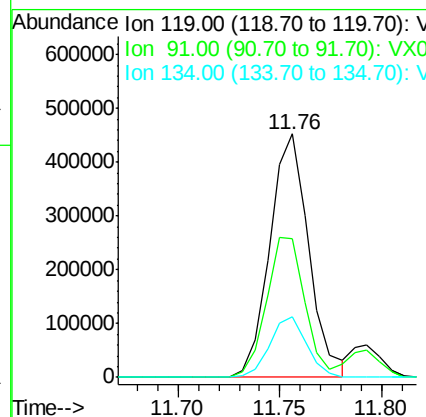
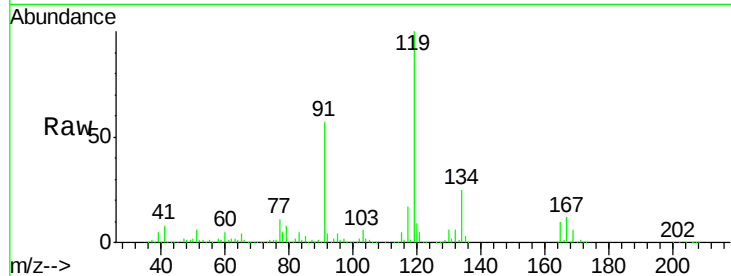
#83
tert-Butylbenzene
Concen: 53.438 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX019009.D
Acq: 21 Oct 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.3	28.1	84.4
134	23.5	11.8	35.3

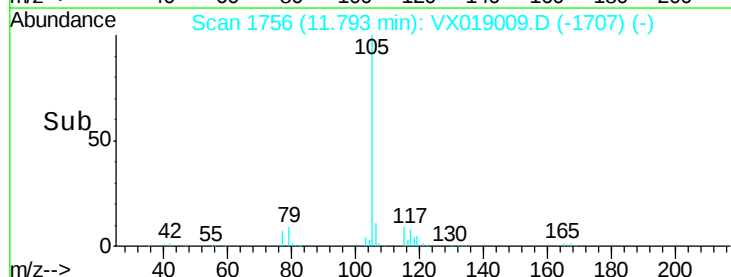
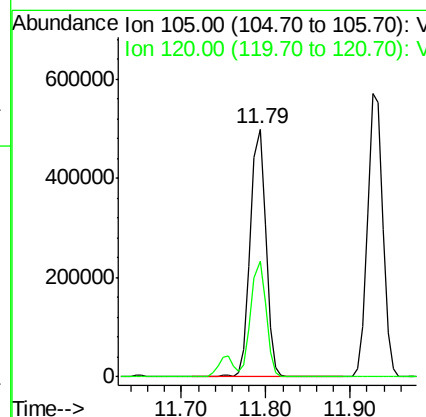
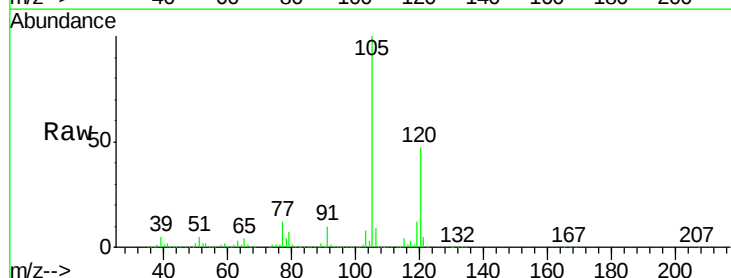
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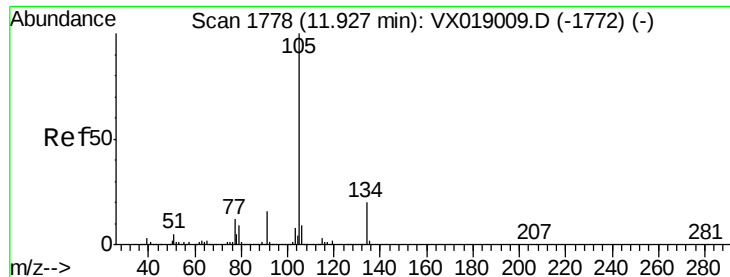
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#84
1,2,4-Trimethylbenzene
Concen: 52.567 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019009.D
Acq: 21 Oct 2020 19:08

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.9	22.9	68.8





#85

sec-Butylbenzene

Concen: 54.167 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019009.D

Acq: 21 Oct 2020 19:08

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 723836

Ion Ratio Lower Upper

105 100

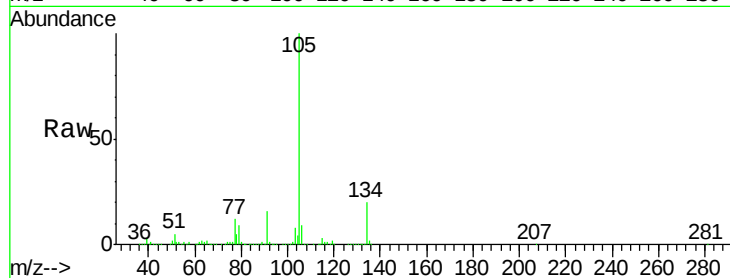
134 20.7 10.4 31.1

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

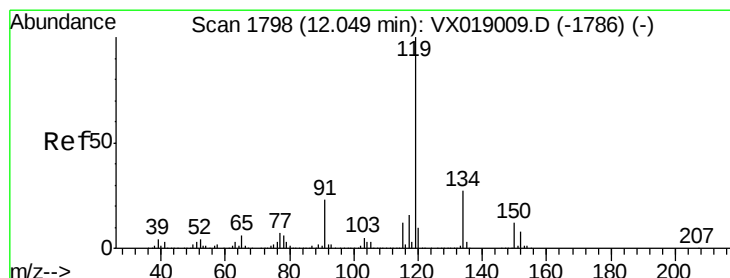
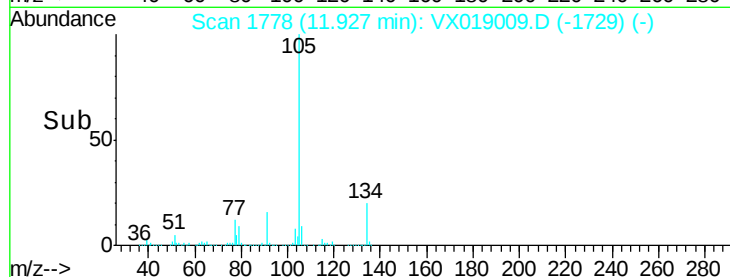
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 54.284 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019009.D

Acq: 21 Oct 2020 19:08

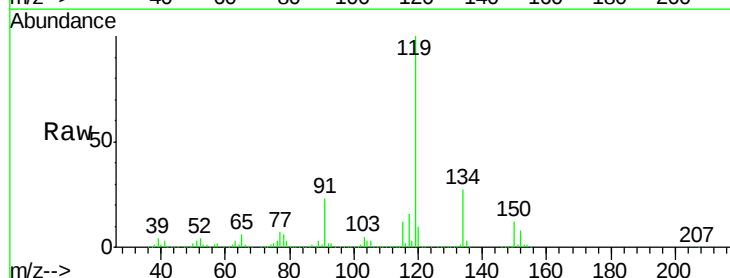
Tgt Ion:119 Resp: 663815

Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 22.8 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

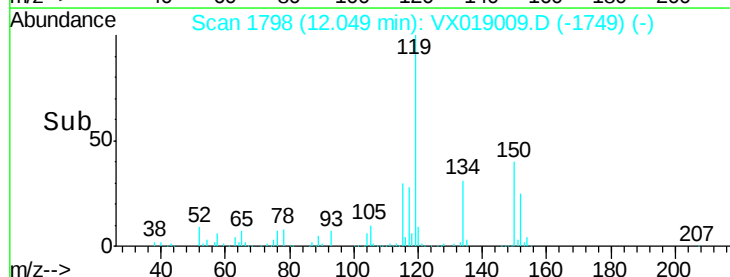
600000

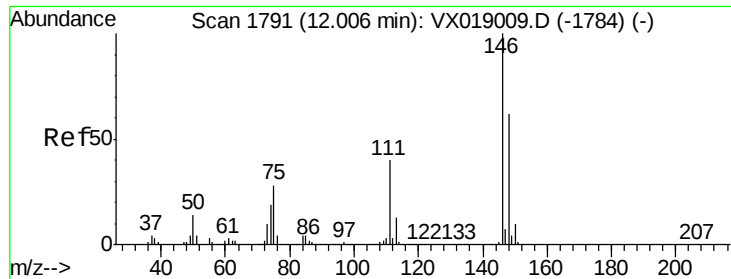
400000

200000

0

Time-->





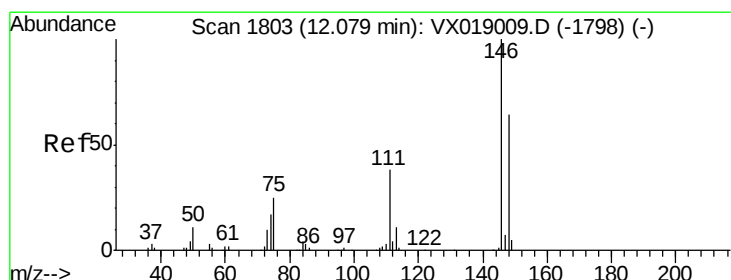
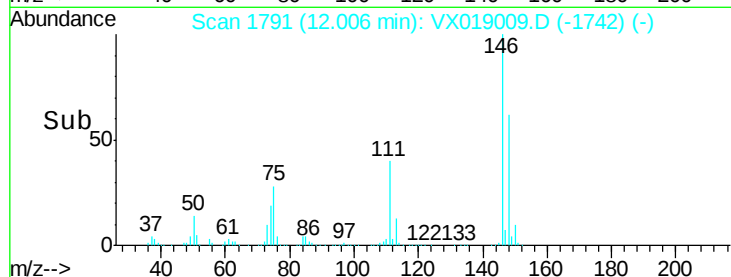
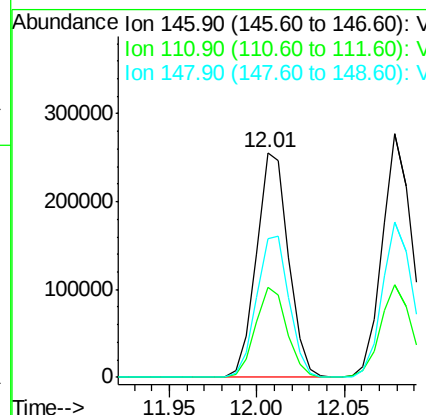
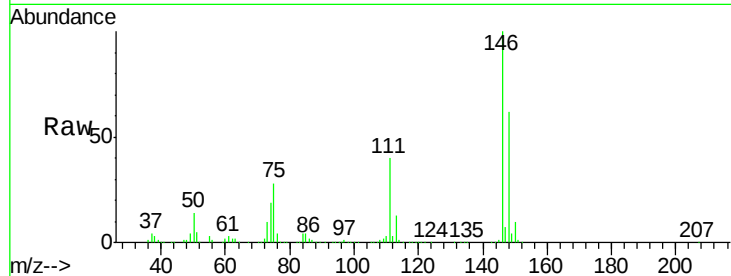
#87
 1,3-Dichlorobenzene
 Concen: 48.774 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019009.D
 Acq: 21 Oct 2020 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.7	59.1
148	64.0	32.0	96.0

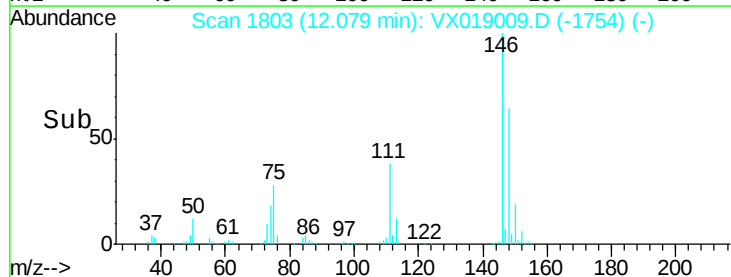
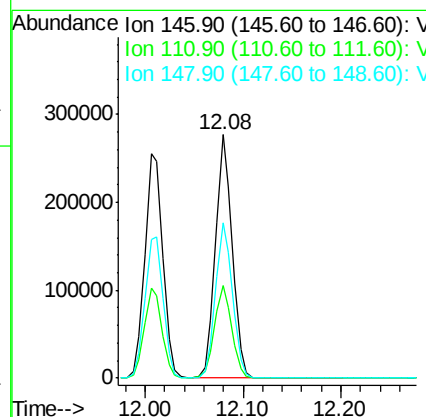
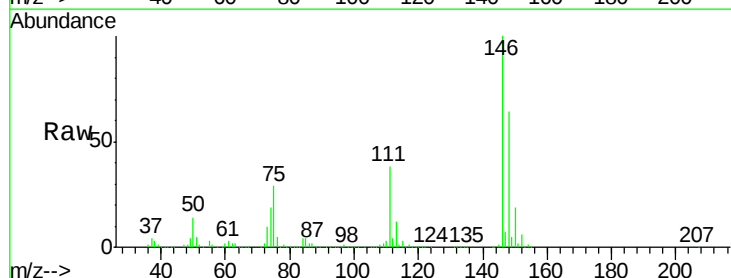
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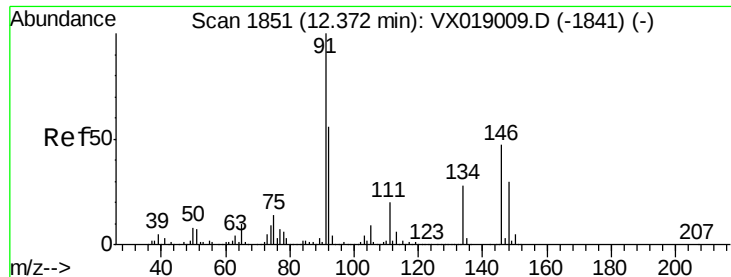
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#88
 1,4-Dichlorobenzene
 Concen: 48.774 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019009.D
 Acq: 21 Oct 2020 19:08

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.4	58.2
148	64.4	32.2	96.6





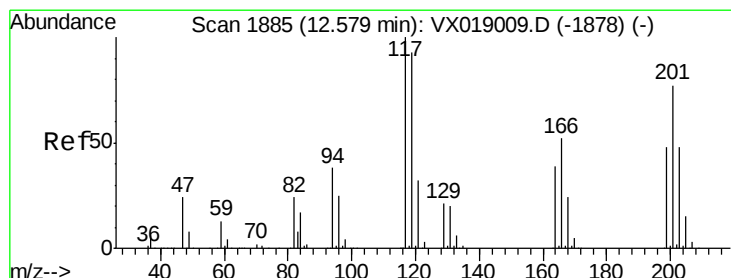
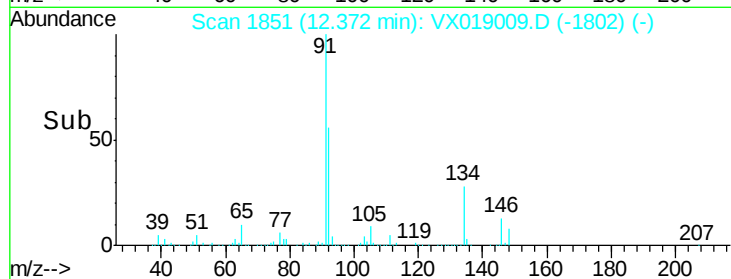
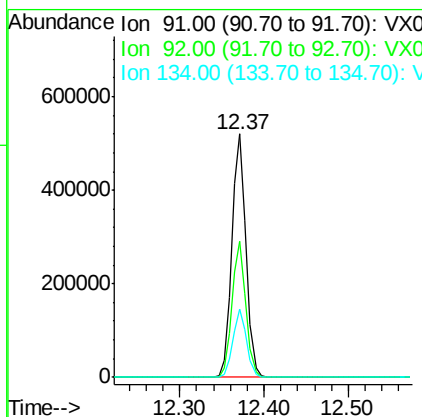
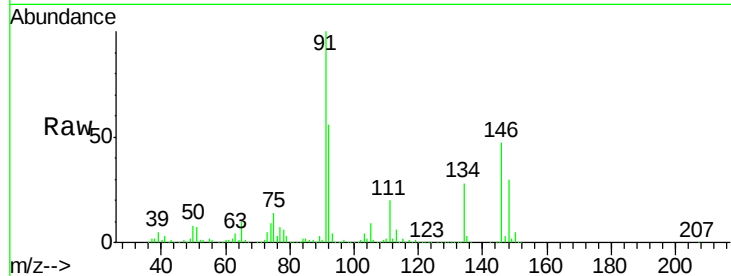
#89
n-Butylbenzene
Concen: 52.527 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019009.D
Acq: 21 Oct 2020 19:08

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.3	81.9
134	27.1	13.6	40.7

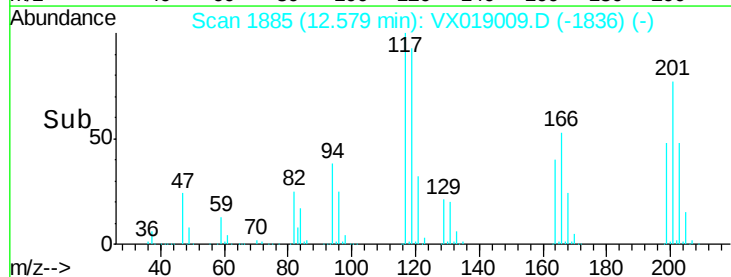
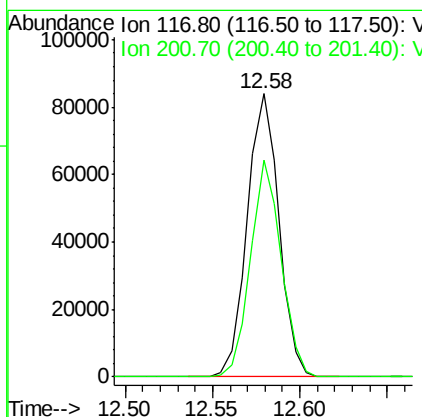
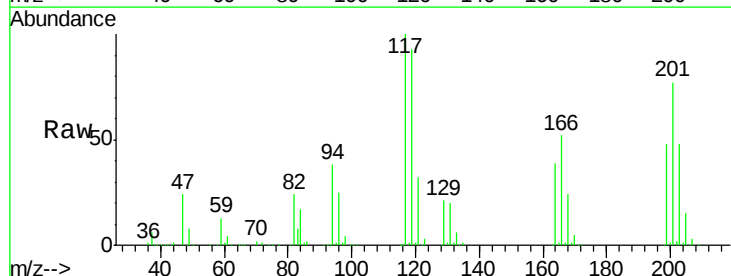
Manual Integrations
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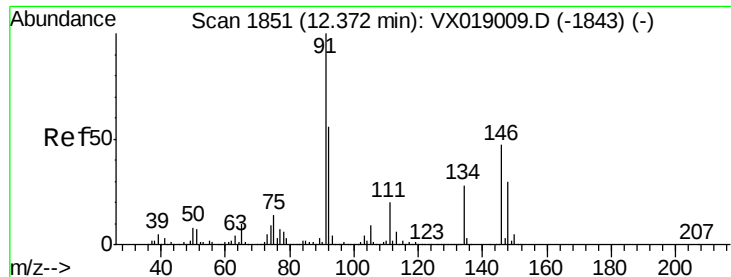
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#90
Hexachloroethane
Concen: 44.543 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019009.D
Acq: 21 Oct 2020 19:08

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.2	37.1	111.3





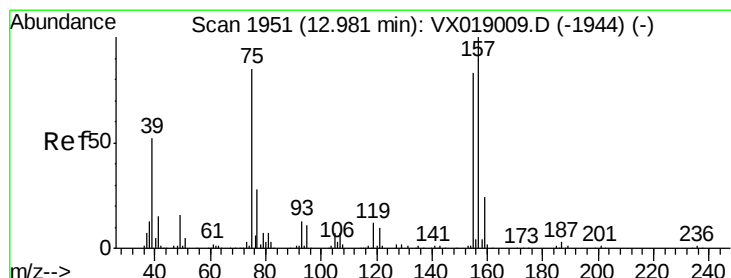
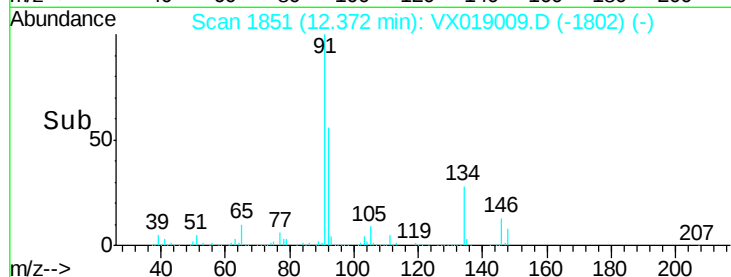
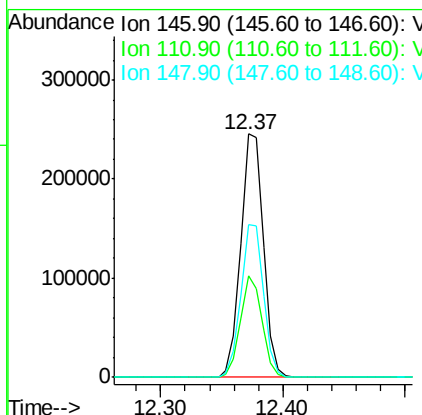
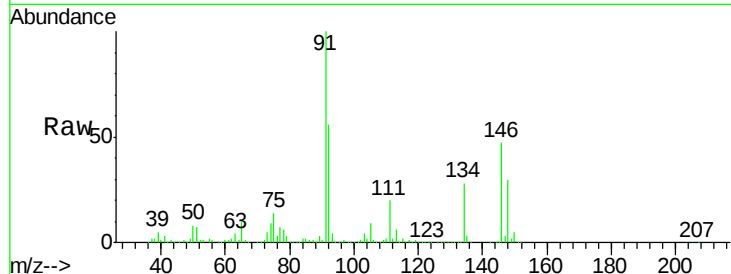
#91
 1,2-Dichlorobenzene
 Concen: 49.905 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX019009.D
 Acq: 21 Oct 2020 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.9	59.7
148	62.9	31.4	94.3

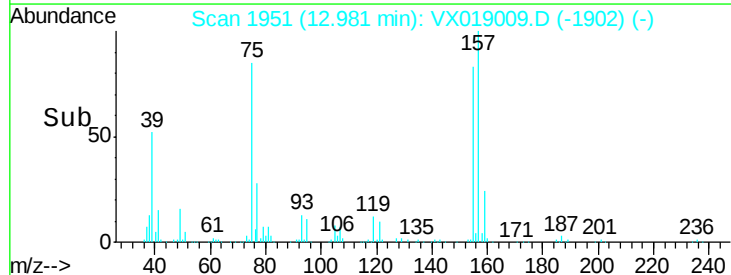
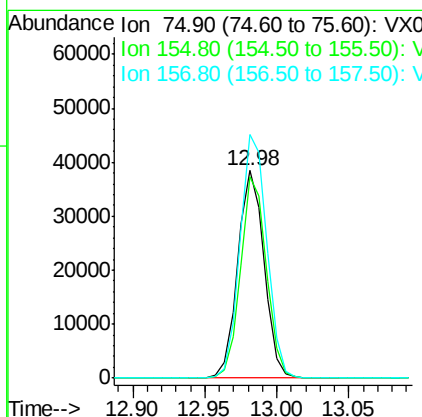
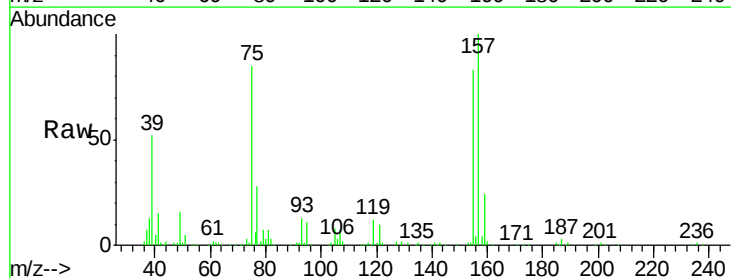
Manual Integrations
 APPROVED

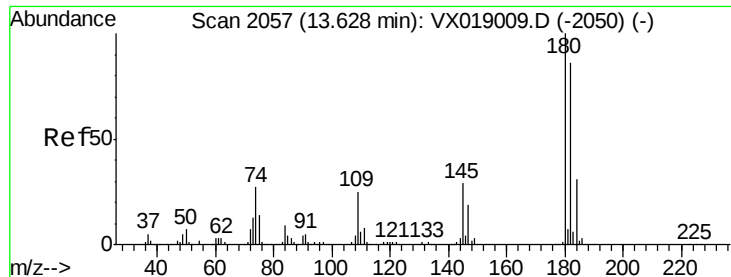
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.069 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019009.D
 Acq: 21 Oct 2020 19:08

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.7	47.3	142.0
157	119.3	59.7	179.0





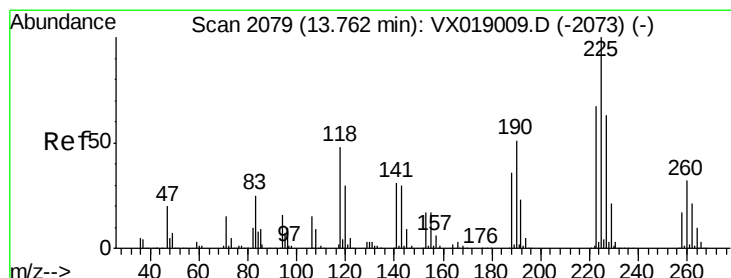
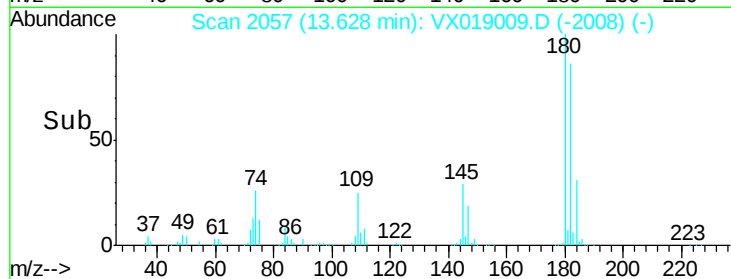
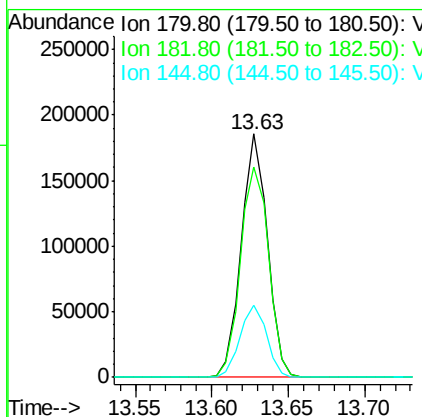
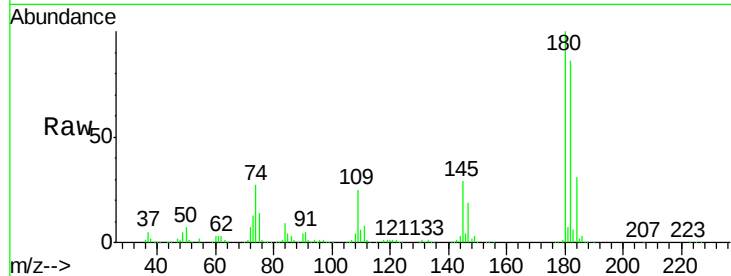
#93
 1,2,4-Trichlorobenzene
 Concen: 50.258 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019009.D
 Acq: 21 Oct 2020 19:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.8	46.4	139.2
145	30.4	15.2	45.6

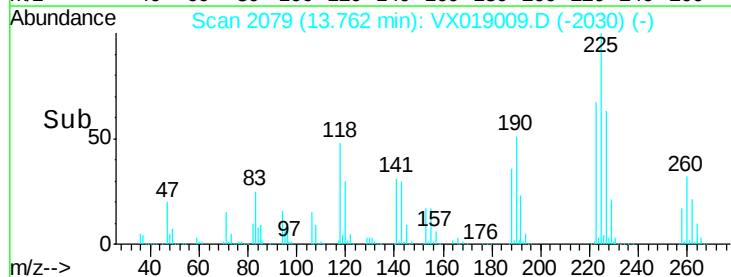
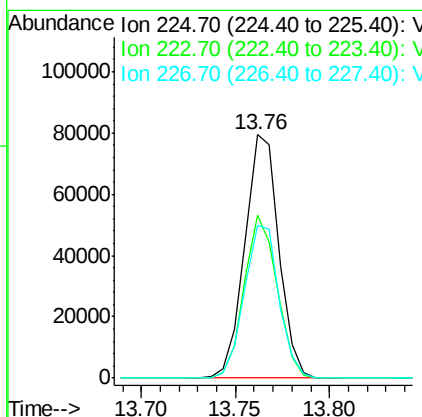
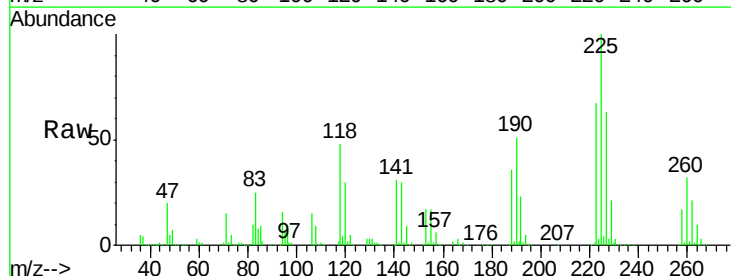
Manual Integrations
 APPROVED

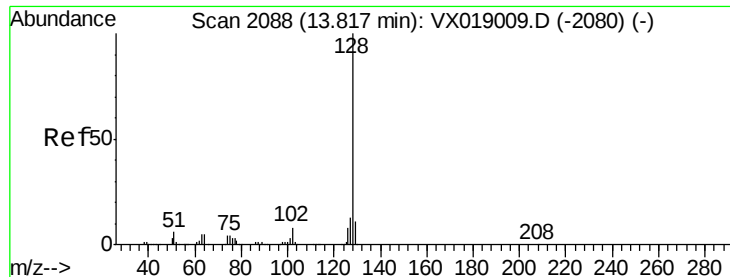
MMDadoda
 10/23/2020 1:52:42 PM



#94
 Hexachlorobutadiene
 Concen: 53.378 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019009.D
 Acq: 21 Oct 2020 19:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.9	32.5	97.4
227	63.8	31.9	95.7





#95

Naphthalene

Concen: 54.900 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019009.D

Acq: 21 Oct 2020 19:08

Instrument :

MSVOA_X

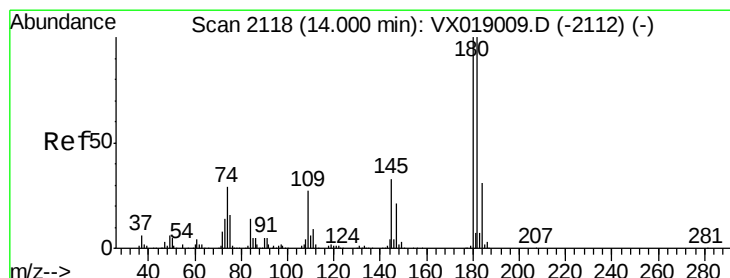
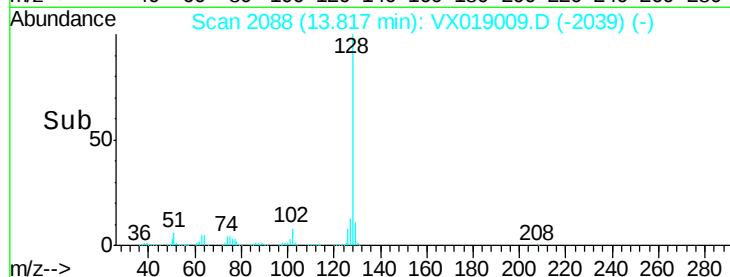
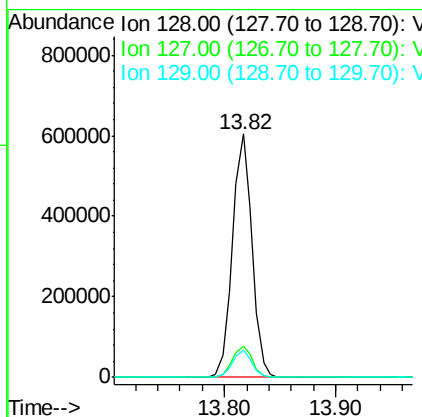
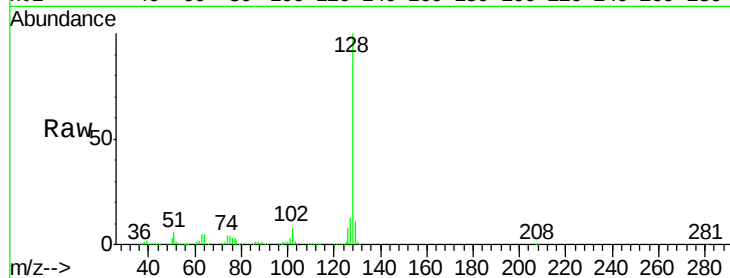
ClientSampleId :

VSTDICCC050

Tot Ion:	128	Resp:	728927
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
10/23/2020 1:52:42 PM



#96

1,2,3-Trichlorobenzene

Concen: 52.010 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX019009.D

Acq: 21 Oct 2020 19:08

Tgt Ion:	180	Resp:	218148
Ion Ratio	Lower	Upper	
180	100		
182	94.7	47.3	142.0
145	31.7	15.9	47.6

