

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX090120\
 Data File : VX018204.D
 Acq On : 01 Sep 2020 19:51
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/2/2020 2:23:09 PM

Quant Time: Sep 02 04:25:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	412439	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	653408	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	643524	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	347630	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	294460	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
35) Dibromofluoromethane	5.46	113	228152	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
50) Toluene-d8	8.70	98	812172	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
62) 4-Bromofluorobenzene	11.12	95	336593	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	253781	50.539	ug/l	97
3) Chloromethane	1.31	50	250424	47.302	ug/l	98
4) Vinyl Chloride	1.39	62	244683	46.429	ug/l	100
5) Bromomethane	1.62	94	146781	57.744	ug/l	99
6) Chloroethane	1.70	64	144095	50.908	ug/l	98
7) Trichlorofluoromethane	1.91	101	404514	56.291	ug/l	95
8) Diethyl Ether	2.17	74	125062	51.318	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	202981	52.248	ug/l	97
10) Methyl Iodide	2.49	142	225034	53.702	ug/l	99
11) Tert butyl alcohol	3.03	59	282399	253.663	ug/l	99
12) 1,1-Dichloroethene	2.36	96	197736	49.059	ug/l	98
13) Acrolein	2.28	56	114895	248.897	ug/l	99
14) Allyl chloride	2.70	41	361925	49.980	ug/l	98
15) Acrylonitrile	3.12	53	638151	252.697	ug/l	99
16) Acetone	2.42	43	564975	253.229	ug/l	95
17) Carbon Disulfide	2.55	76	561498	46.083	ug/l	100
18) Methyl Acetate	2.75	43	302808	56.244	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	723437	52.337	ug/l	100
20) Methylene Chloride	2.83	84	232920	51.083	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	221716	49.651	ug/l	99
22) Diisopropyl ether	3.83	45	725372	50.753	ug/l	100
23) Vinyl Acetate	3.79	43	3285844	258.373	ug/l	100
24) 1,1-Dichloroethane	3.67	63	411833	50.620	ug/l	99
25) 2-Butanone	4.64	43	895887	244.330	ug/l	98
26) 2,2-Dichloropropane	4.56	77	307760	46.492	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	245820	47.778	ug/l	99
28) Bromochloromethane	4.98	49	202101	51.463	ug/l	99
29) Tetrahydrofuran	5.09	42	569398	243.942	ug/l	97
30) Chloroform	5.18	83	436702	51.839	ug/l	99
31) Cyclohexane	5.55	56	333704	48.693	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	403012	52.130	ug/l	99
36) 1,1-Dichloropropene	5.77	75	304156	50.468	ug/l	99
37) Ethyl Acetate	4.80	43	347880	49.700	ug/l	99
38) Carbon Tetrachloride	5.75	117	377707	55.612	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	330523	50.155	ug/l	96
40) Benzene	6.11	78	892879	50.420	ug/l	98
41) Methacrylonitrile	5.01	41	192387	50.058	ug/l	98
42) 1,2-Dichloroethane	6.17	62	368542	54.318	ug/l	98
43) Isopropyl Acetate	6.42	43	562683	49.770	ug/l	99
44) Trichloroethene	7.19	130	250861	50.135	ug/l	100
45) 1,2-Dichloropropane	7.49	63	241061	50.507	ug/l	97
46) Dibromomethane	7.64	93	167704	49.967	ug/l	99
47) Bromodichloromethane	7.88	83	355668	53.073	ug/l	97
48) Methyl methacrylate	7.75	41	282272	50.154	ug/l	98
49) 1,4-Dioxane	7.71	88	102201	1002.485	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1819522	260.541	ug/l	100
52) Toluene	8.77	92	574942	51.201	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	381044	51.303	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	391902	49.810	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	245007	51.159	ug/l	98
56) Ethyl methacrylate	9.16	69	374880	52.655	ug/l	98
57) 1,3-Dichloropropane	9.35	76	401894	50.879	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	757380	236.482	ug/l	99
59) 2-Hexanone	9.48	43	1401520	263.927	ug/l	100
60) Dibromochloromethane	9.57	129	306972	54.640	ug/l	99
61) 1,2-Dibromoethane	9.65	107	267231	51.397	ug/l	97
64) Tetrachloroethene	9.32	164	236435	49.997	ug/l	98
65) Chlorobenzene	10.12	112	643848	50.095	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	264887	52.291	ug/l	98
67) Ethyl Benzene	10.24	91	1135087	51.932	ug/l	99
68) m/p-Xylenes	10.34	106	855246	104.834	ug/l	98
69) o-Xylene	10.68	106	413162	52.243	ug/l	98
70) Styrene	10.70	104	718423	53.344	ug/l	98
71) Bromoform	10.84	173	239145	55.348	ug/l #	97
73) Isopropylbenzene	11.00	105	1143956	49.889	ug/l	100
74) N-amyl acetate	10.88	43	516010	47.429	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	371387	45.913	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	350073m	45.269	ug/l	
77) Bromobenzene	11.24	156	306200	48.309	ug/l	96
78) n-propylbenzene	11.34	91	1308914	50.273	ug/l	99
79) 2-Chlorotoluene	11.40	91	794716	49.405	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	972075	51.589	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	131489	45.923	ug/l	97
82) 4-Chlorotoluene	11.49	91	937549	49.028	ug/l	100
83) tert-Butylbenzene	11.76	119	969208	52.121	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1005908	52.215	ug/l	99
85) sec-Butylbenzene	11.93	105	1087024	51.404	ug/l	99
86) p-Isopropyltoluene	12.05	119	1032520	53.156	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	525112	47.187	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	532304	47.773	ug/l	97
89) n-Butylbenzene	12.37	91	882707	49.788	ug/l	99
90) Hexachloroethane	12.58	117	204372	53.477	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	513587	49.028	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	98184	48.545	ug/l	94

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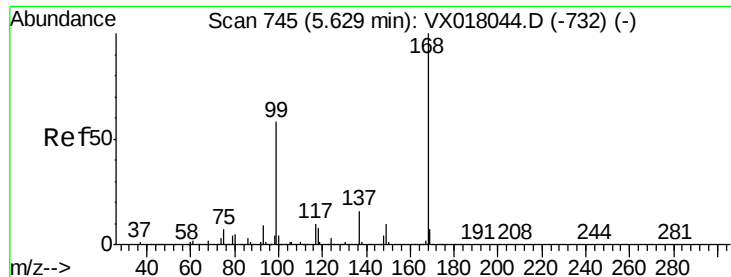
Manual Integrations
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	342564	49.041	ug/l	98
94) Hexachlorobutadiene	13.77	225	141637	51.407	ug/l	97
95) Naphthalene	13.82	128	1144271	49.775	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	338176	48.996	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018204.D

Acq: 01 Sep 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 412439

Ion Ratio Lower Upper

168 100

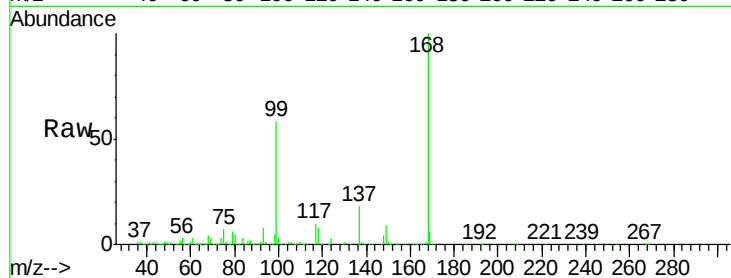
99 58.1 46.3 69.5

Manual Integrations

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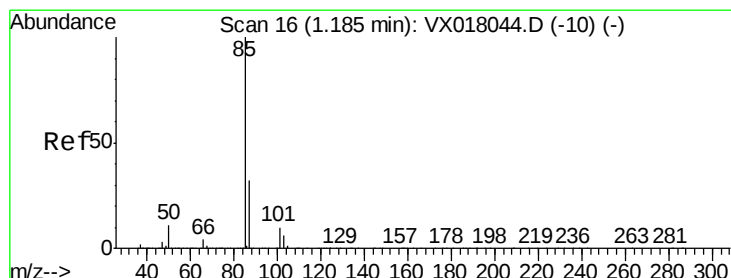
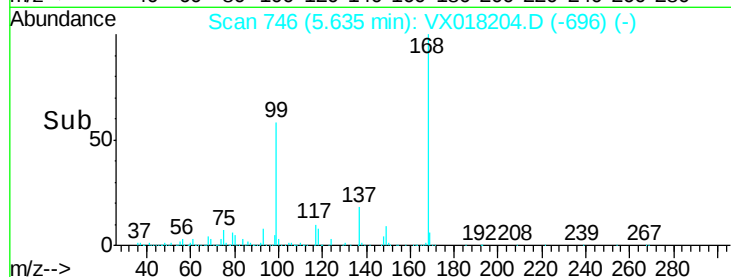
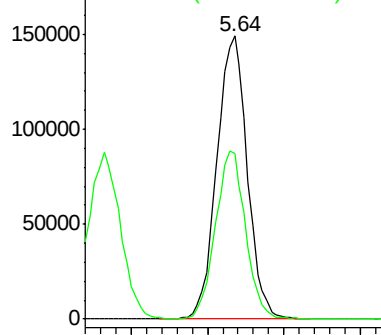
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.539 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018204.D

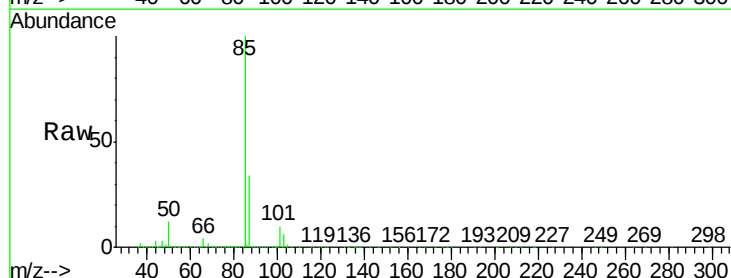
Acq: 01 Sep 2020 19:51

Tgt Ion: 85 Resp: 253781

Ion Ratio Lower Upper

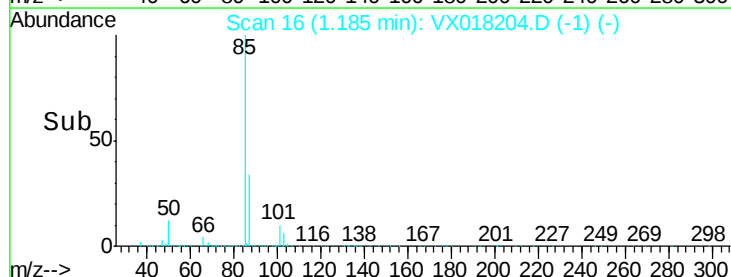
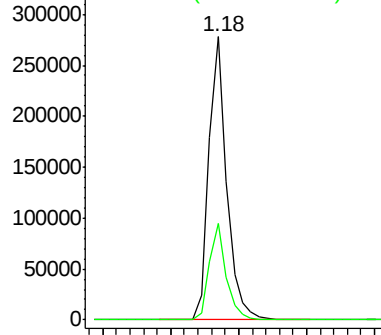
85 100

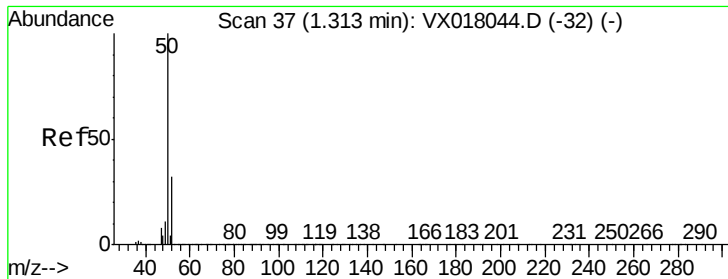
87 33.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.302 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018204.D

Acq: 01 Sep 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 250424

Ion Ratio Lower Upper

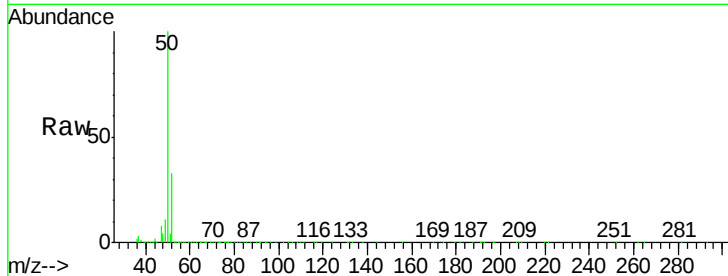
50 100

52 33.0 25.4 38.2

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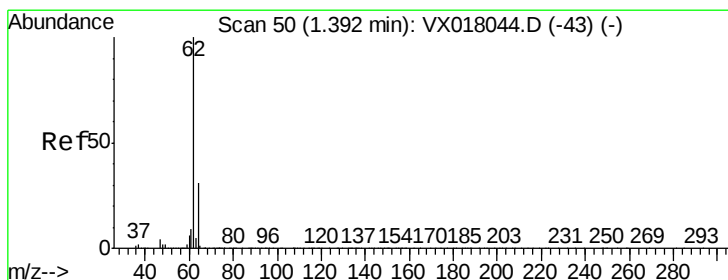
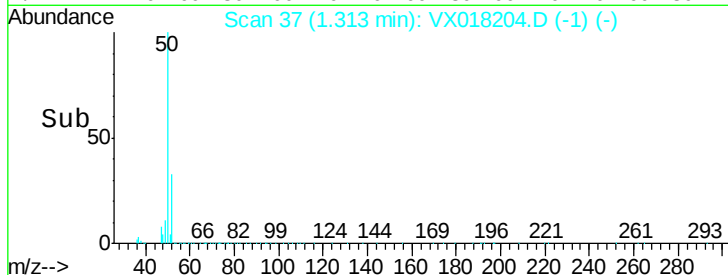
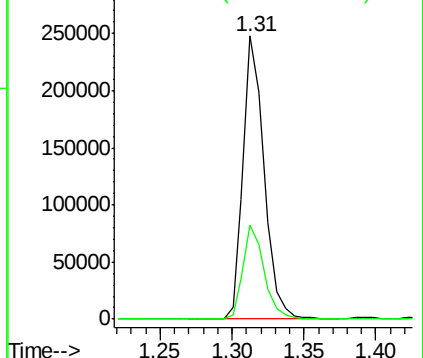
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.429 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018204.D

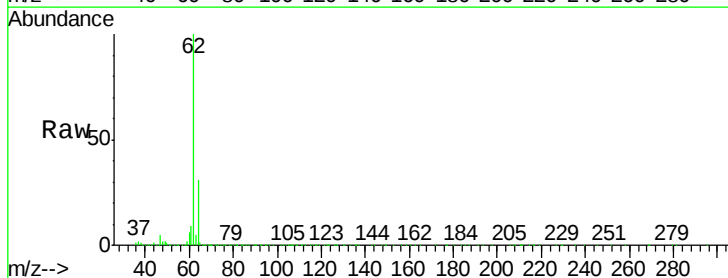
Acq: 01 Sep 2020 19:51

Tgt Ion: 62 Resp: 244683

Ion Ratio Lower Upper

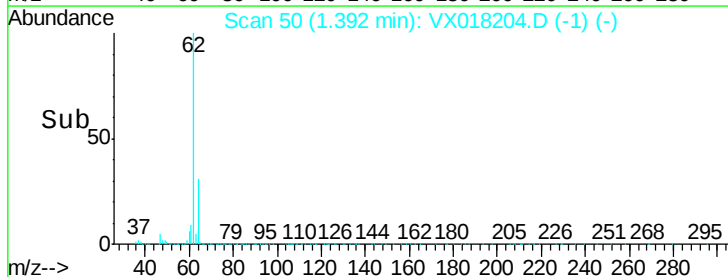
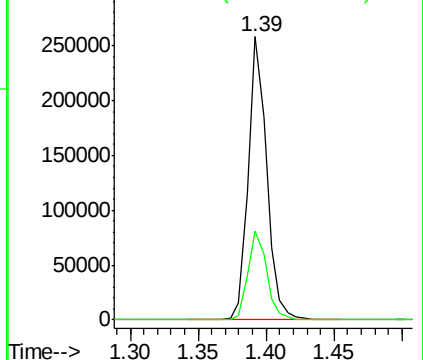
62 100

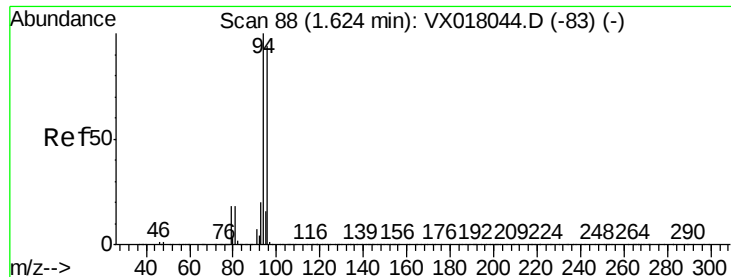
64 31.4 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 57.744 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018204.D

Acq: 01 Sep 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 146781

Ion Ratio Lower Upper

94 100

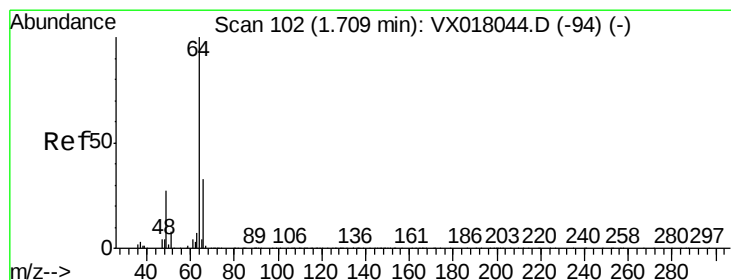
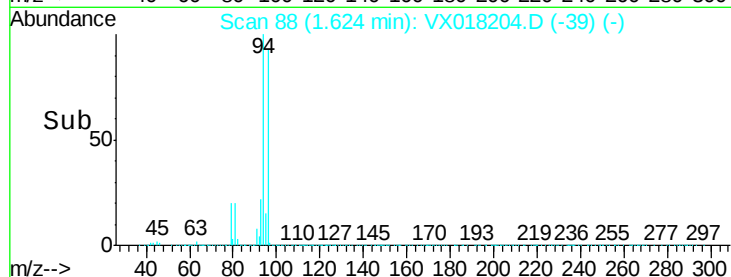
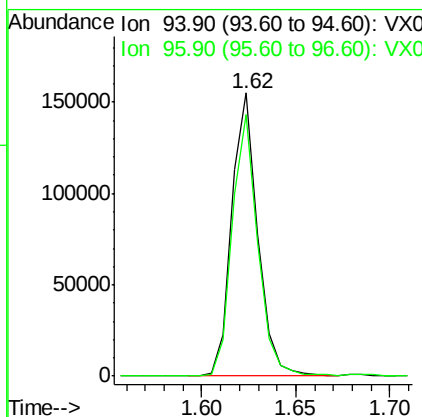
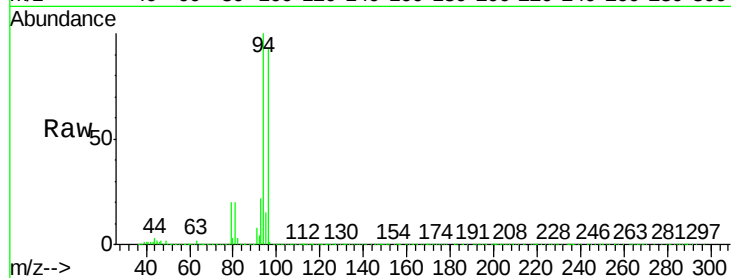
96 92.5 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 50.908 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018204.D

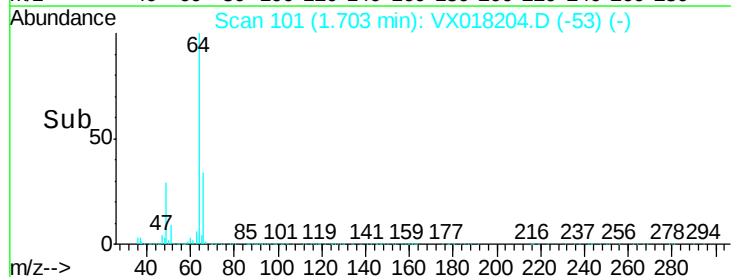
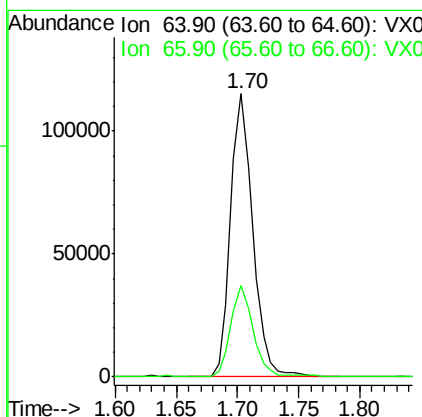
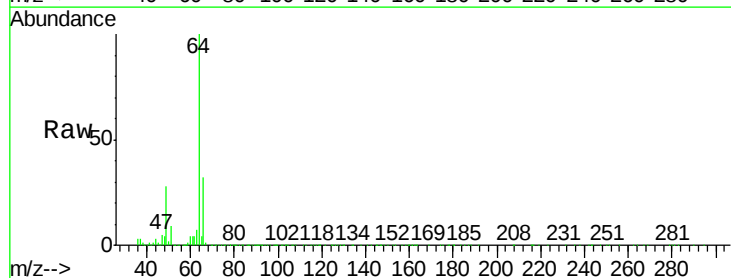
Acq: 01 Sep 2020 19:51

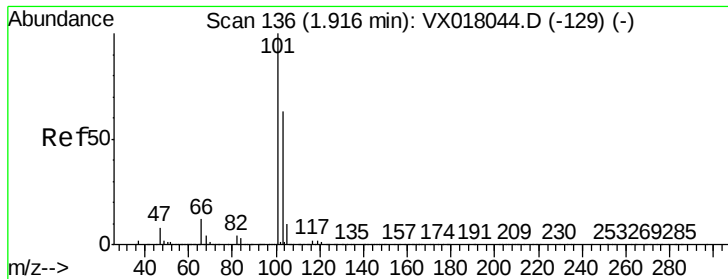
Tgt Ion: 64 Resp: 144095

Ion Ratio Lower Upper

64 100

66 32.2 26.6 39.8





#7

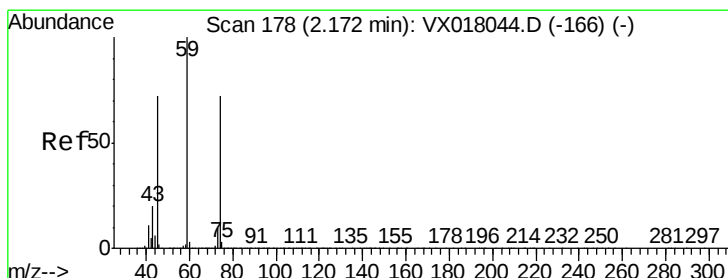
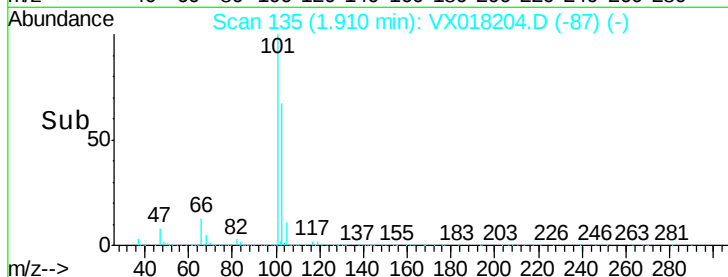
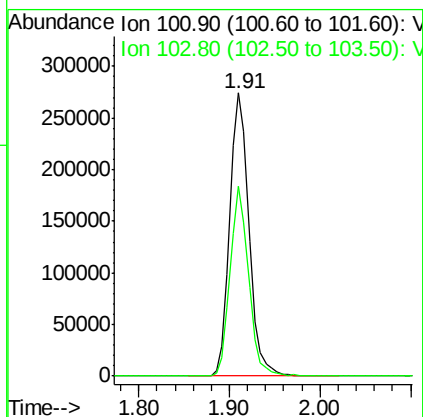
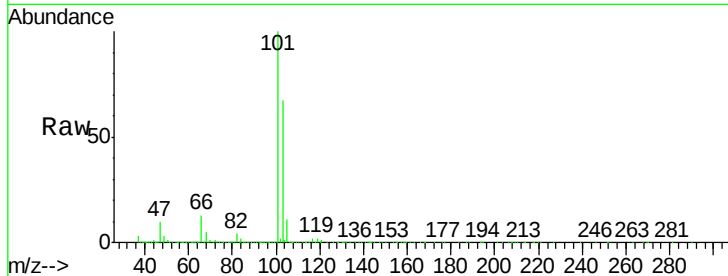
Trichlorofluoromethane
Concen: 56.291 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.0	50.7	76.1

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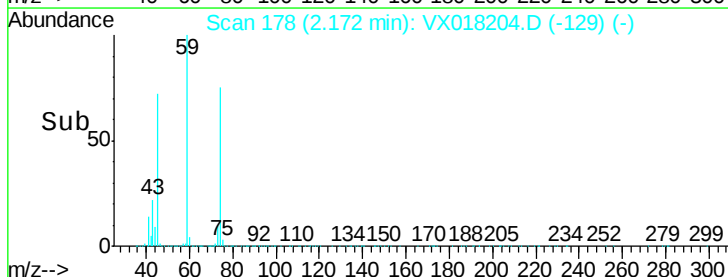
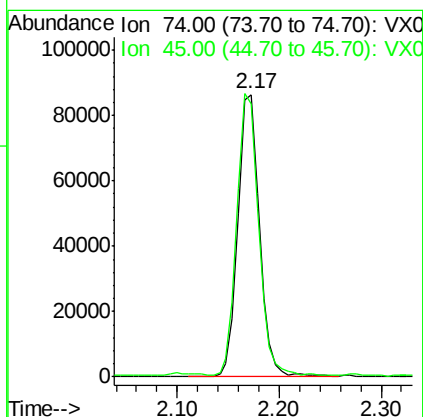
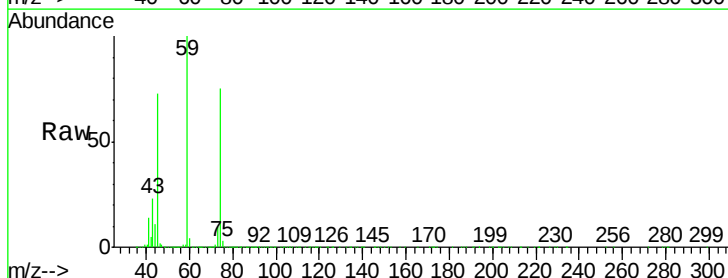
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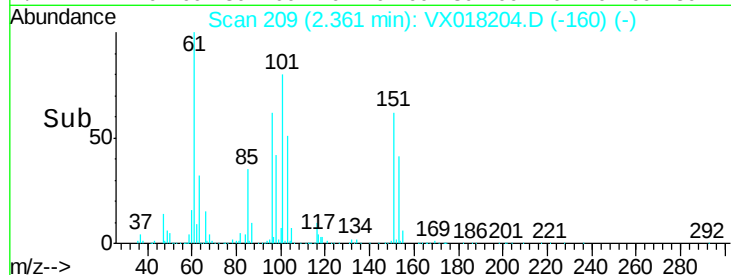
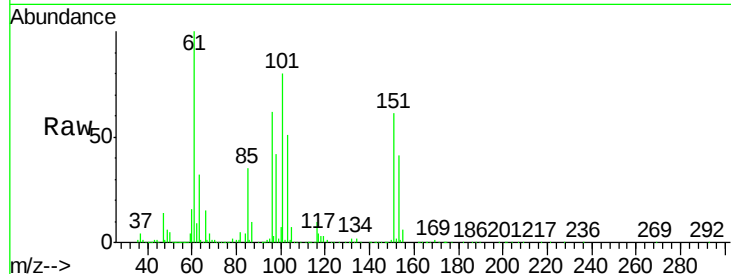
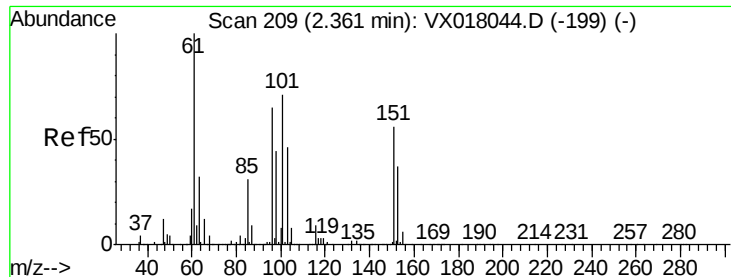


#8

Diethyl Ether
Concen: 51.318 ug/l
RT: 2.17 min Scan# 178
Delta R.T. -0.00 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.7	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.248 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018204.D

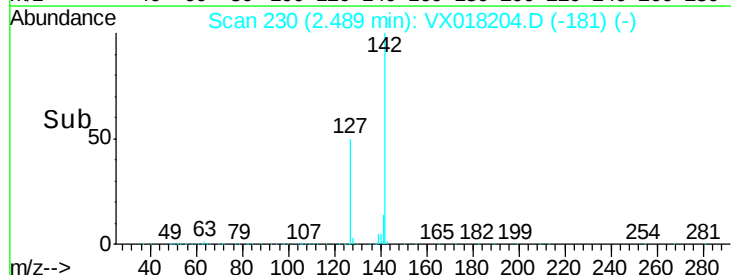
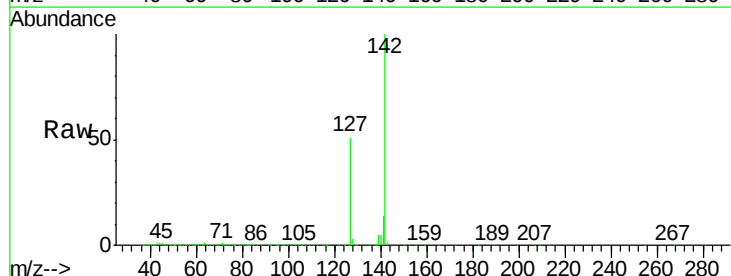
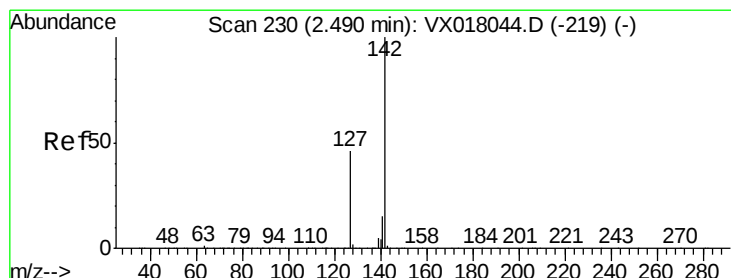
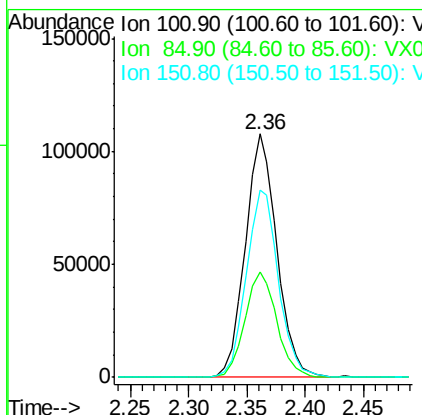
Acq: 01 Sep 2020 19:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	202981		
85	43.9	34.0	51.0	
151	78.6	65.2	97.8	

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#10

Methyl Iodide

Concen: 53.702 ug/l

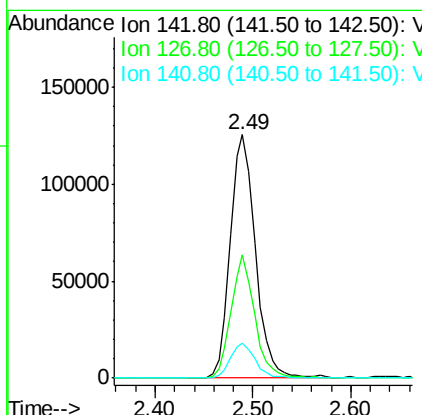
RT: 2.49 min Scan# 230

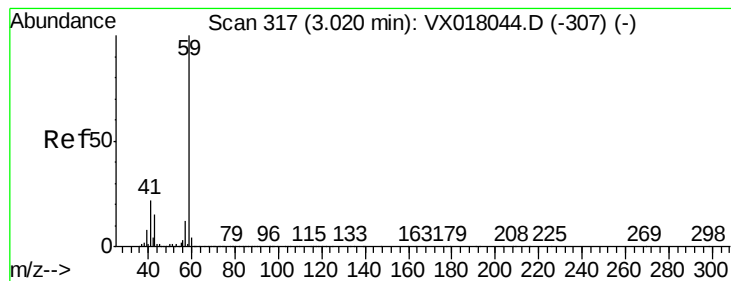
Delta R.T. 0.00 min

Lab File: VX018204.D

Acq: 01 Sep 2020 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	225034		
127	47.4	37.0	55.6	
141	14.3	11.5	17.3	





#11

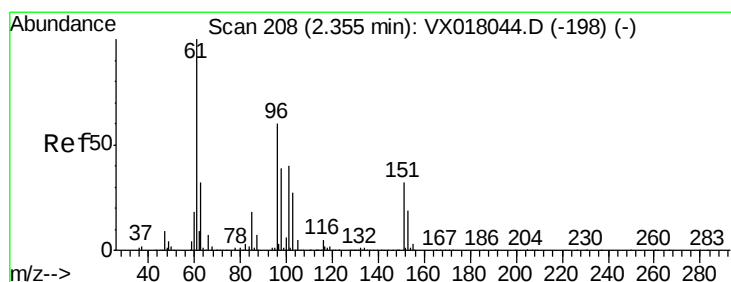
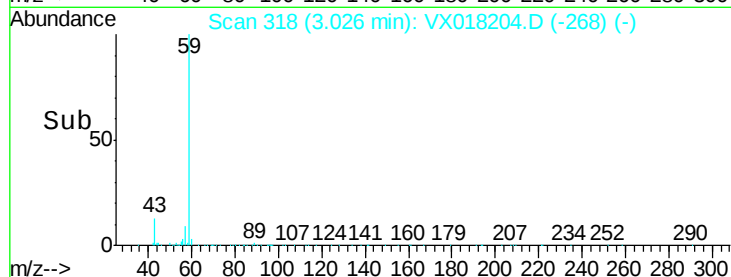
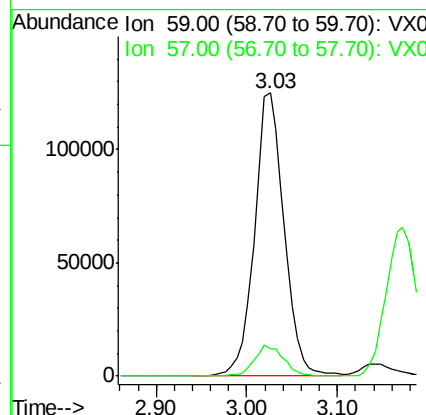
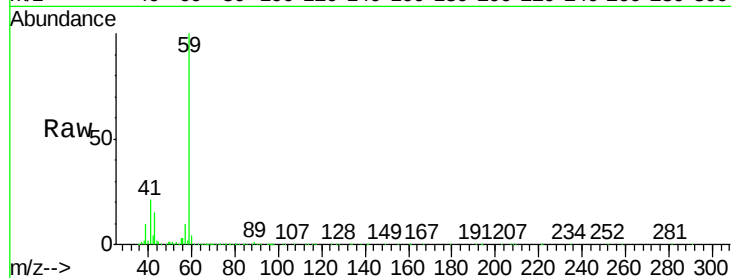
Tert butyl alcohol
 Concen: 253.663 ug/l
 RT: 3.03 min Scan# 318
 Delta R.T. 0.01 min
 Lab File: VX018204.D
 Acq: 01 Sep 2020 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	282399		
57	57	10.7		8.9	13.3

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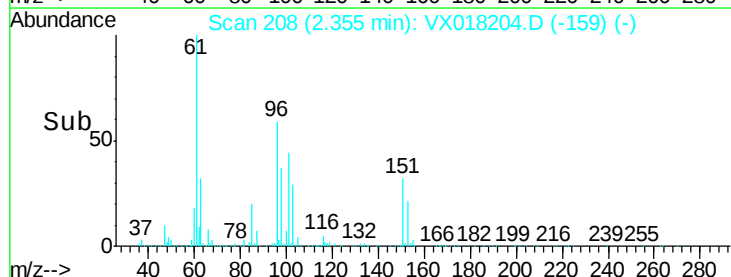
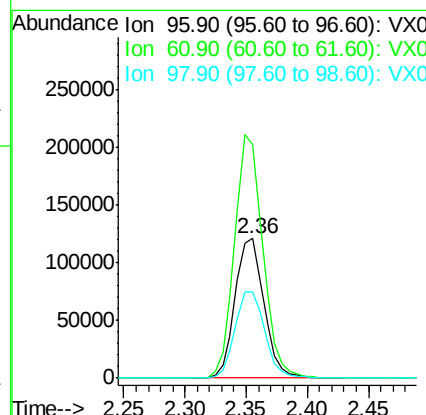
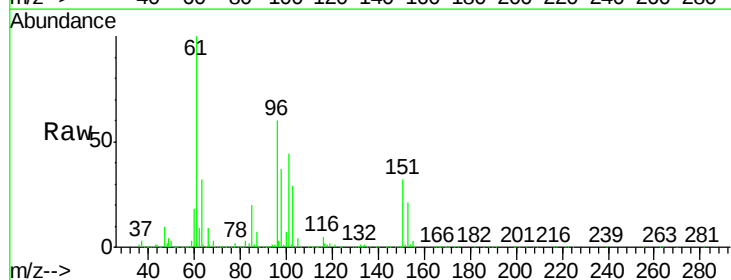
MMDadoda
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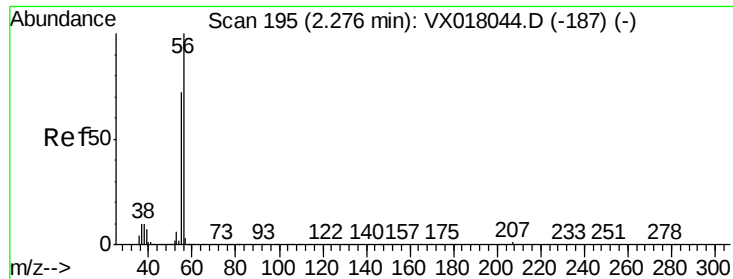


#12

1,1-Dichloroethene
 Concen: 49.059 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX018204.D
 Acq: 01 Sep 2020 19:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	197736		
61	61	168.0		133.0	199.4
98	98	61.5		51.6	77.4





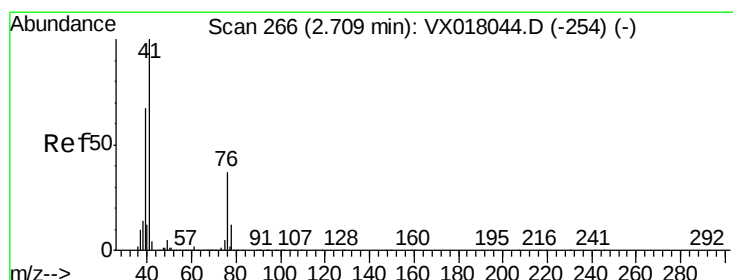
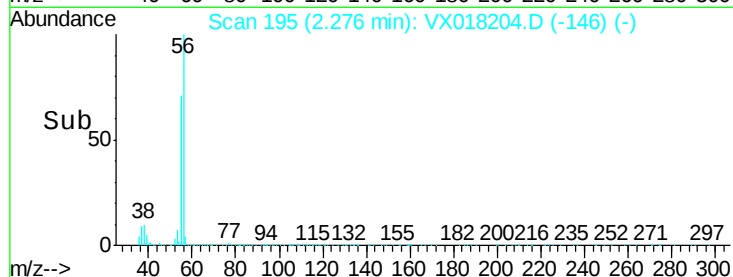
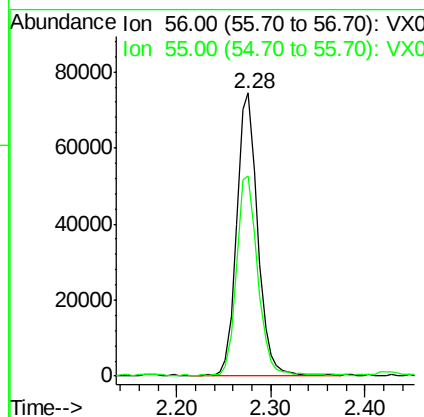
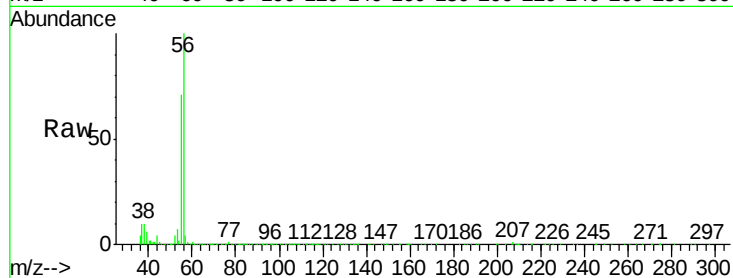
#13
Acrolein
Concen: 248.897 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.0	57.0	85.6

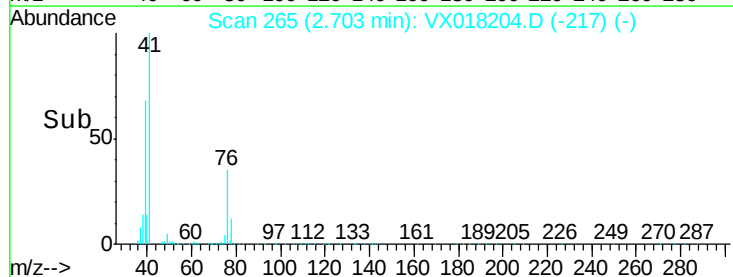
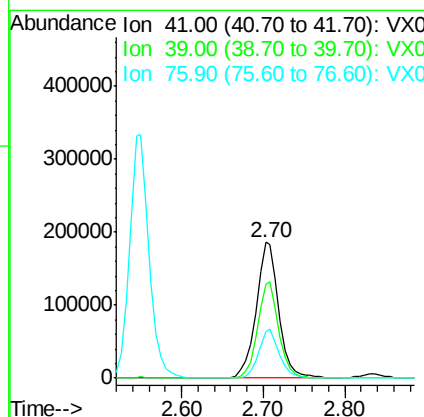
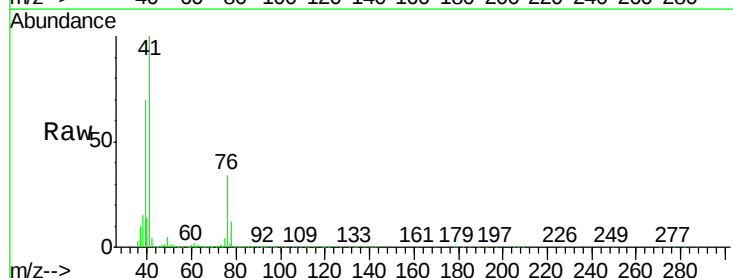
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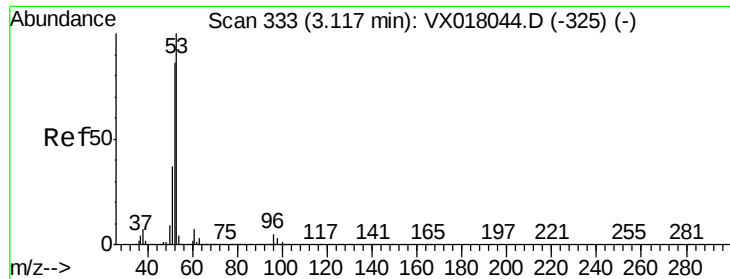
MMDadoda
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#14
Allyl chloride
Concen: 49.980 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.9	50.6	76.0
76	32.3	26.2	39.2





#15

Acrylonitrile

Concen: 252.697 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018204.D

Acq: 01 Sep 2020 19:51

Instrument :

MSVOA_X

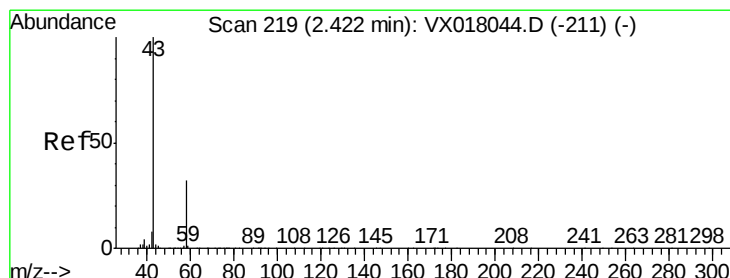
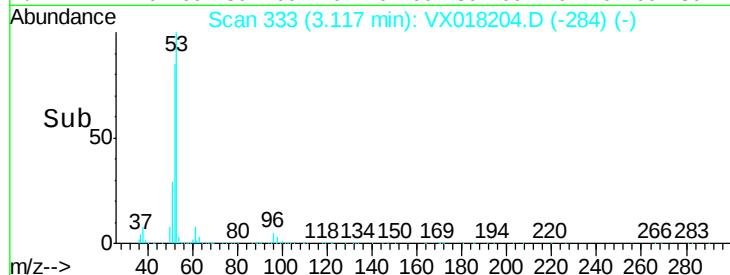
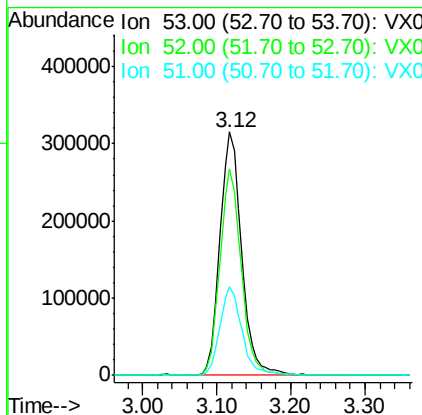
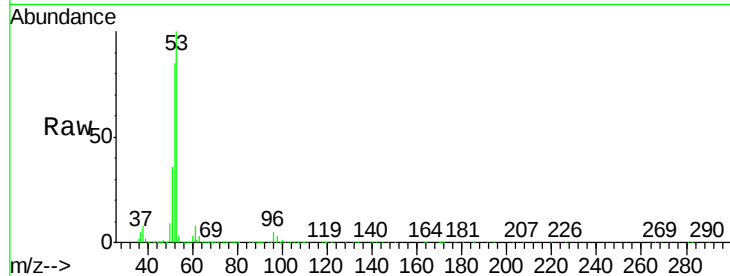
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	638151
Ion Ratio	Lower	Upper	
53	100		
52	83.0	66.9	100.3
51	36.7	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 253.229 ug/l

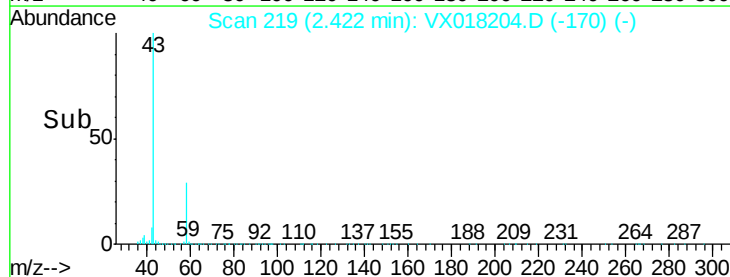
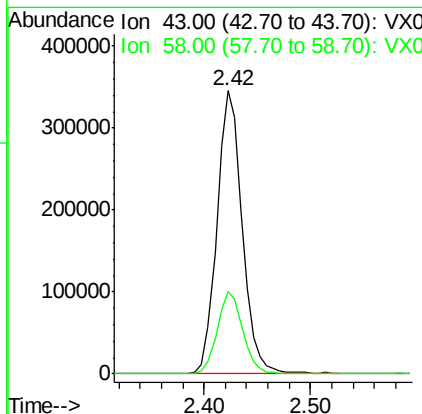
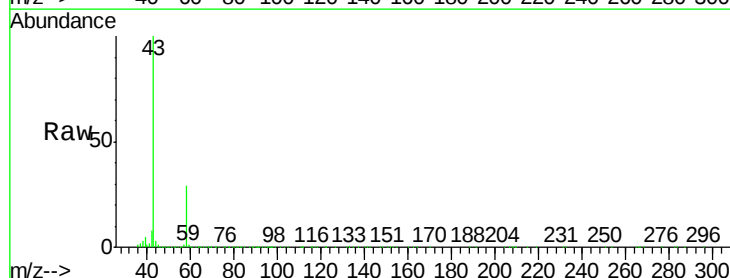
RT: 2.42 min Scan# 219

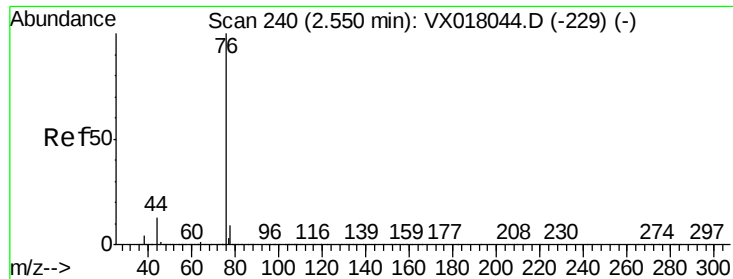
Delta R.T. -0.00 min

Lab File: VX018204.D

Acq: 01 Sep 2020 19:51

Tgt Ion:	43	Resp:	564975
Ion Ratio	Lower	Upper	
43	100		
58	29.2	25.5	38.3





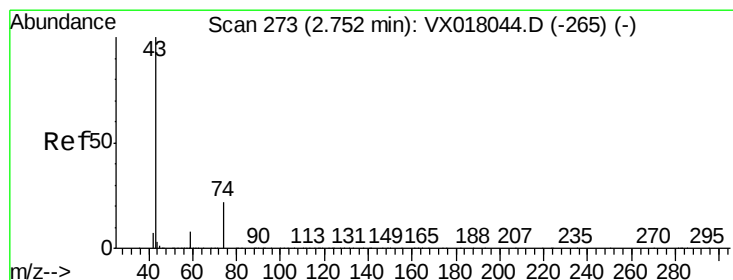
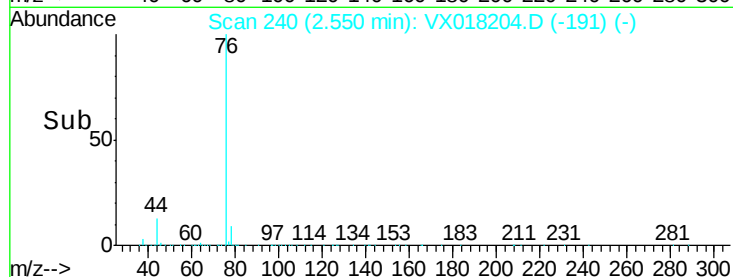
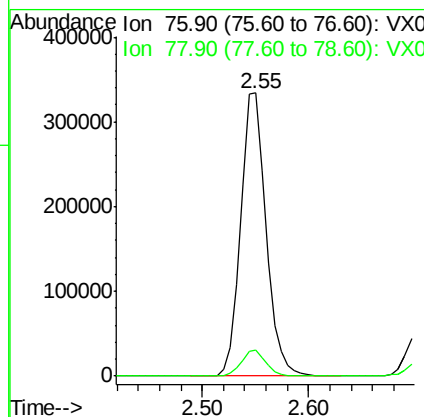
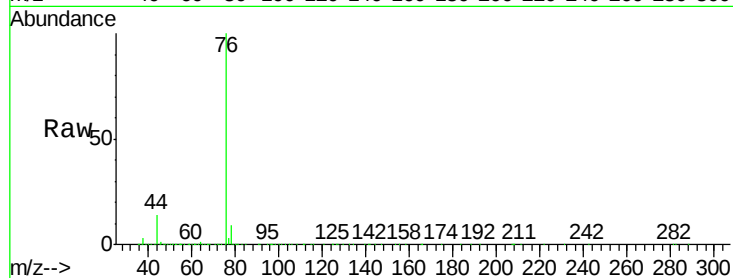
#17
Carbon Disulfide
Concen: 46.083 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.0

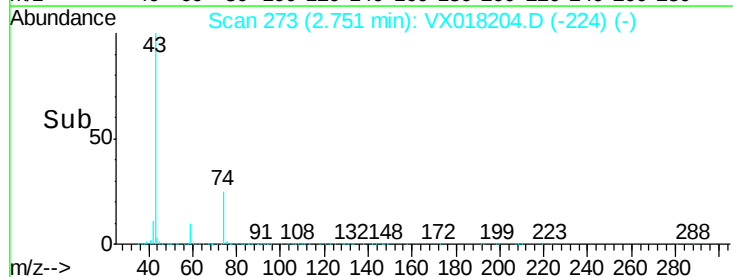
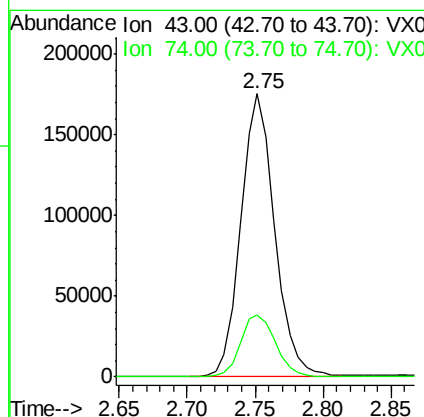
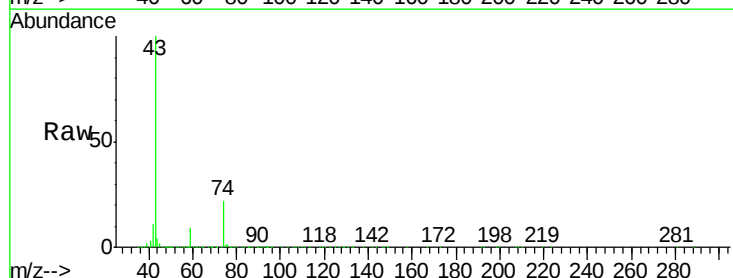
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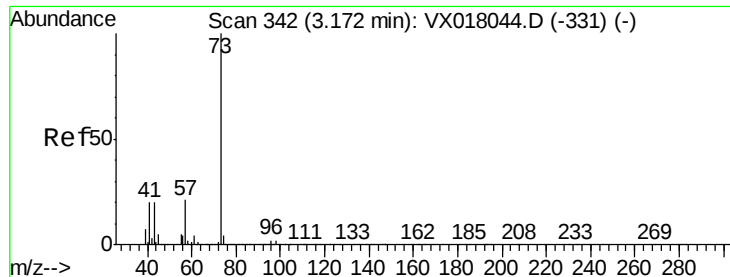
MMDadoda
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#18
Methyl Acetate
Concen: 56.244 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	18.2	27.4





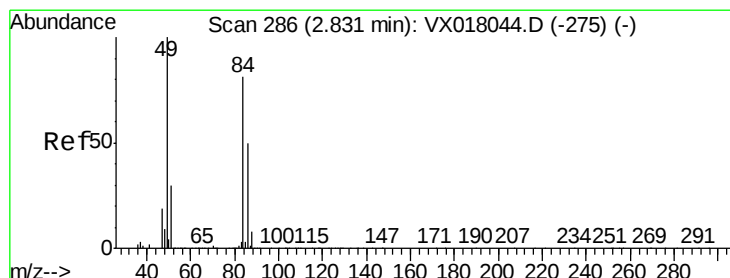
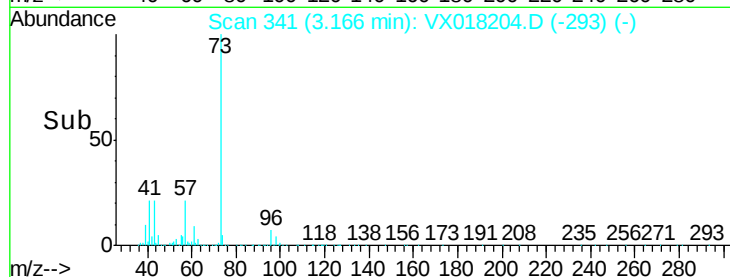
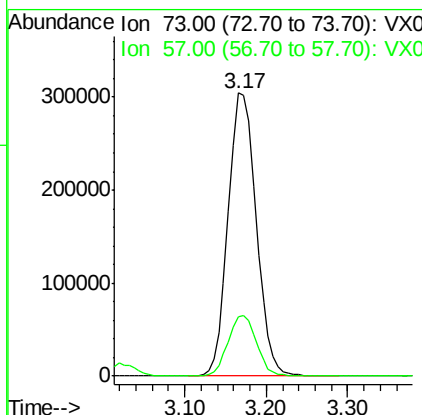
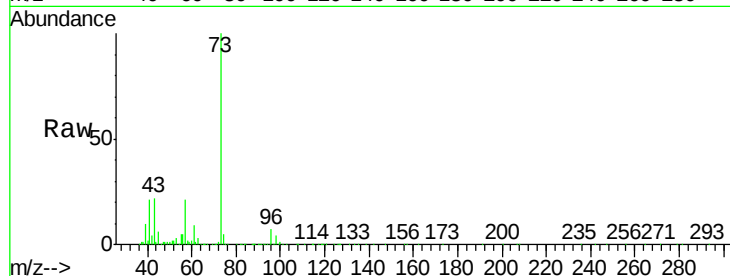
#19
Methvl tert-butvl Ether
Concen: 52.337 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.8	16.8	25.2

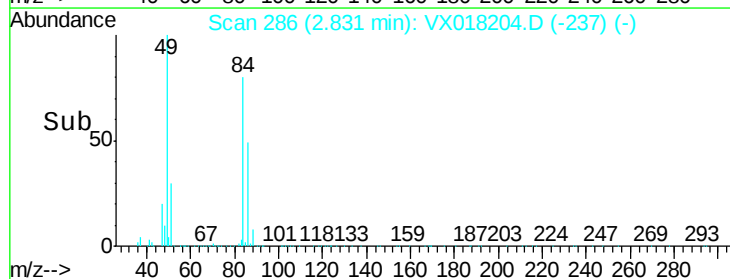
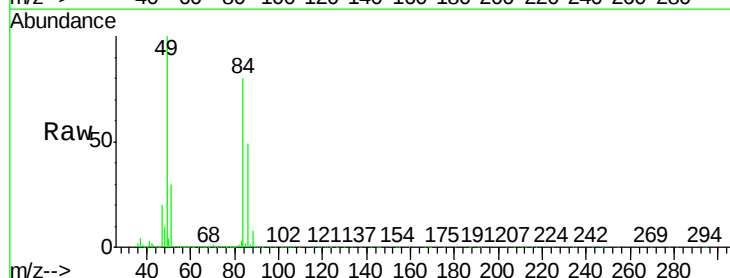
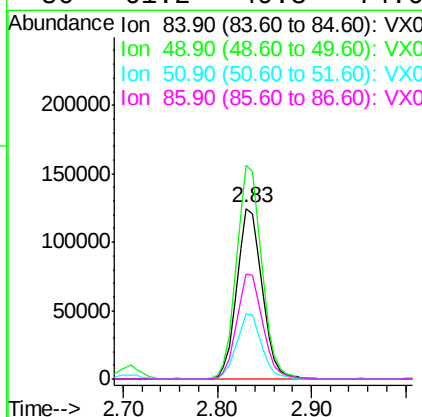
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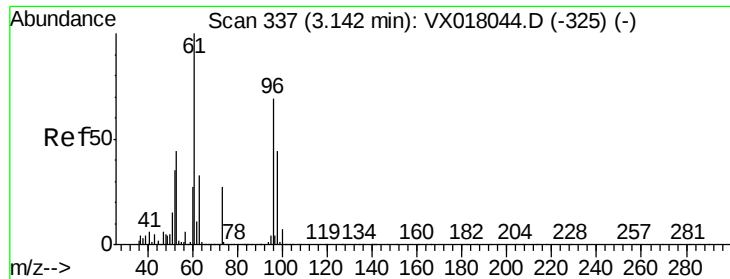
MMDadoda
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#20
Methylene Chloride
Concen: 51.083 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.1	98.6	148.0
51	38.0	29.6	44.4
86	61.2	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 49.651 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018204.D

Acq: 01 Sep 2020 19:51

Instrument :

MSVOA_X

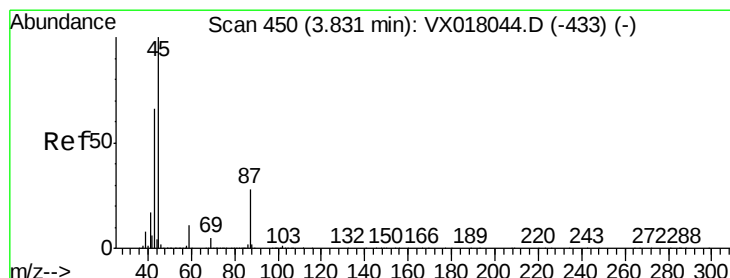
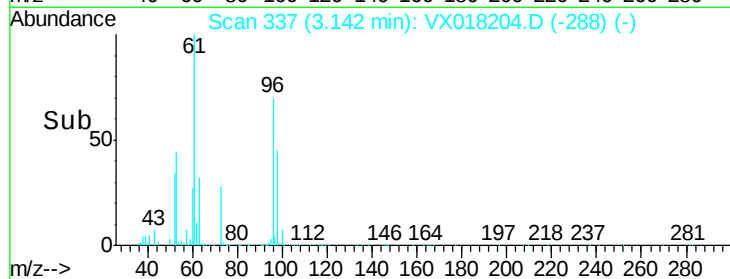
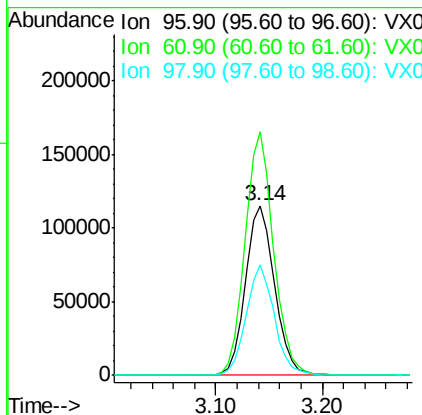
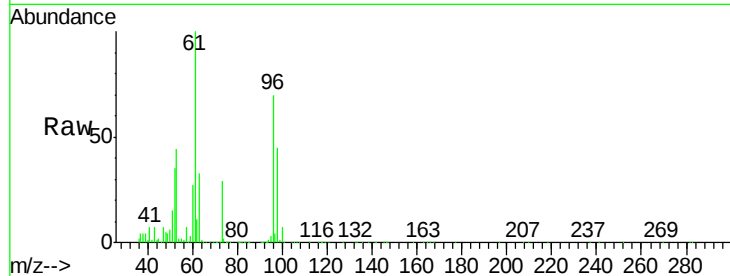
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	221716
Ion	Ratio	Lower	Upper
96	100		
61	143.3	115.4	173.0
98	64.7	51.1	76.7

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#22

Diisopropyl ether

Concen: 50.753 ug/l

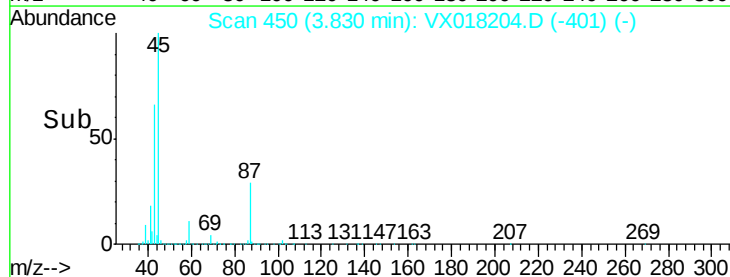
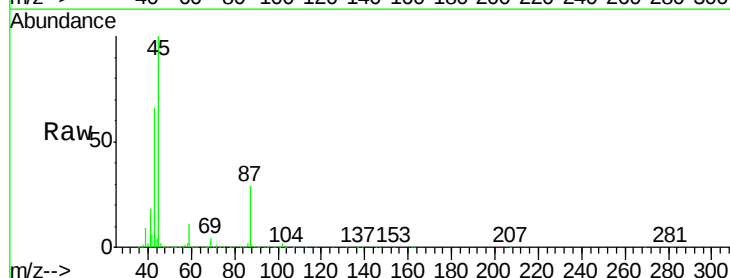
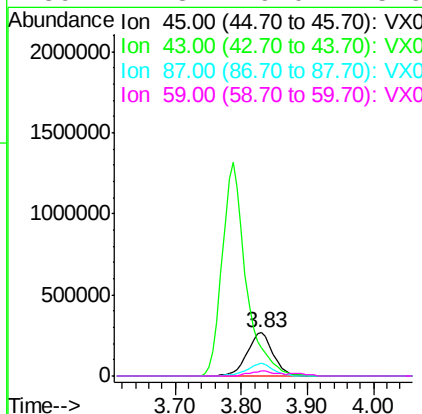
RT: 3.83 min Scan# 450

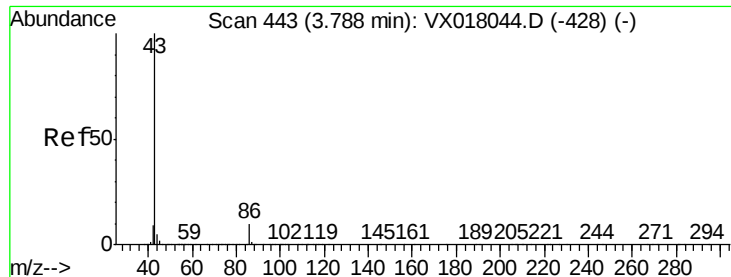
Delta R.T. -0.00 min

Lab File: VX018204.D

Acq: 01 Sep 2020 19:51

Tgt Ion:	45	Resp:	725372
Ion	Ratio	Lower	Upper
45	100		
43	65.9	52.8	79.2
87	28.7	22.5	33.7
59	11.3	9.0	13.6





#23

Vinyl Acetate

Concen: 258.373 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018204.D

Acq: 01 Sep 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3285844

Ion Ratio Lower Upper

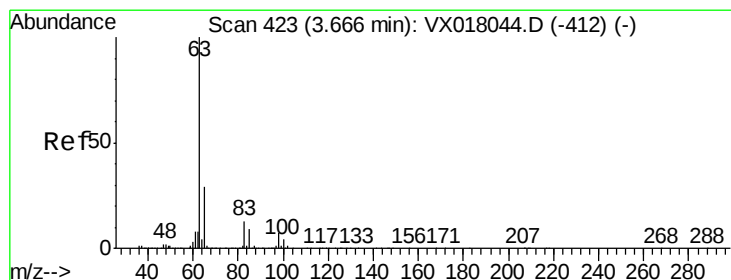
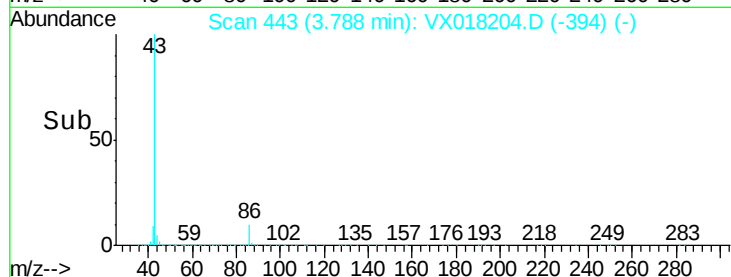
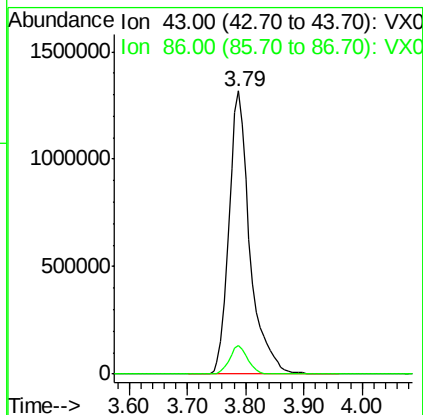
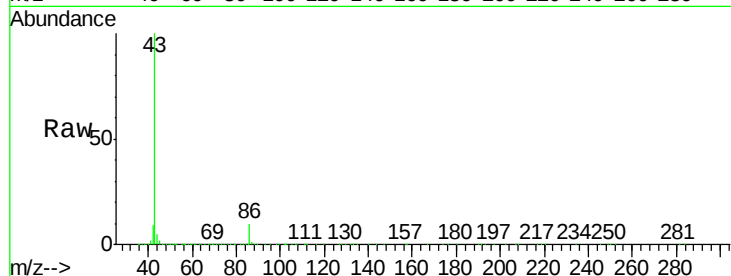
43 100

86 10.0 7.9 11.9

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#24

1,1-Dichloroethane

Concen: 50.620 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018204.D

Acq: 01 Sep 2020 19:51

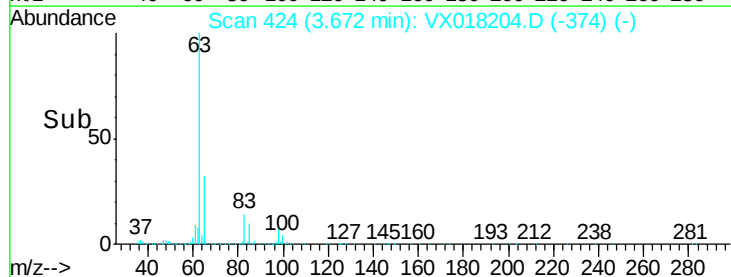
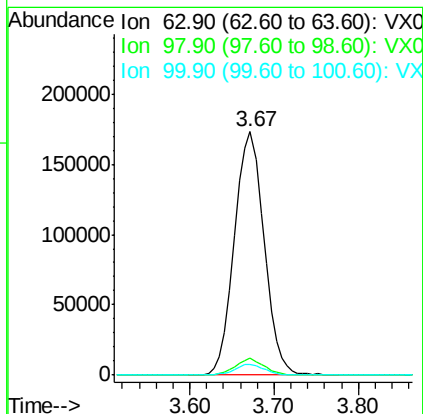
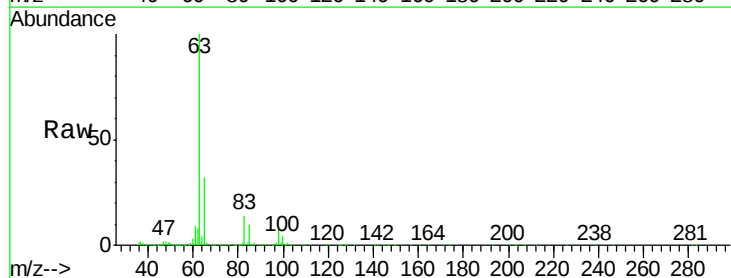
Tgt Ion: 63 Resp: 411833

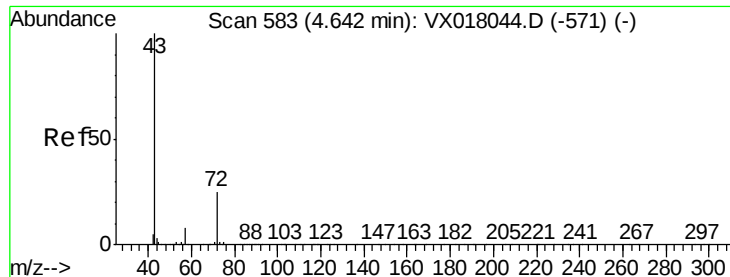
Ion Ratio Lower Upper

63 100

98 7.0 3.6 10.8

100 4.4 2.0 6.0





#25

2-Butanone

Concen: 244.330 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX018204.D

Acq: 01 Sep 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 895887

Ion Ratio Lower Upper

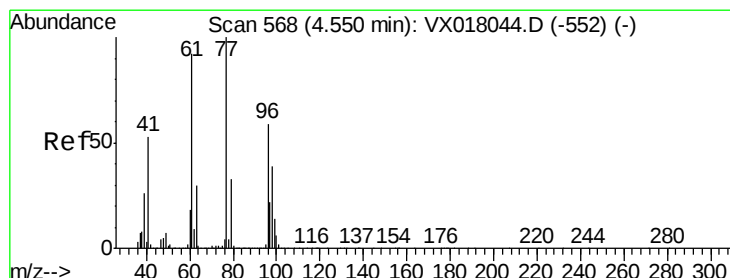
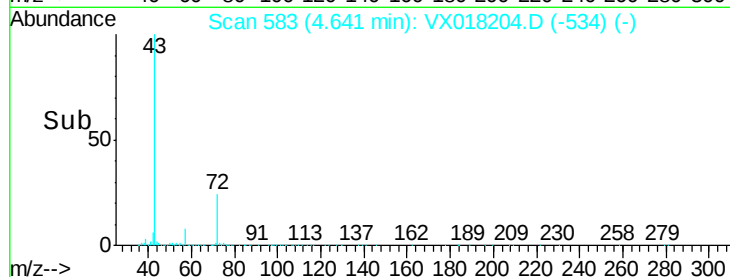
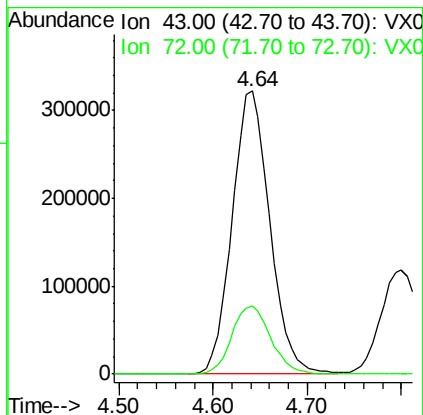
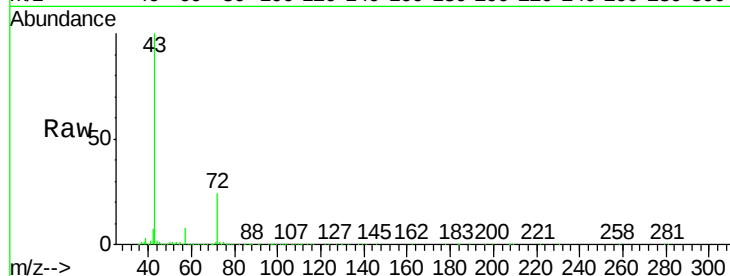
43 100

72 23.7 19.8 29.6

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 46.492 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX018204.D

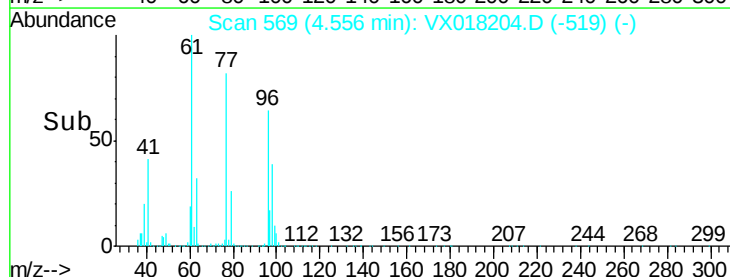
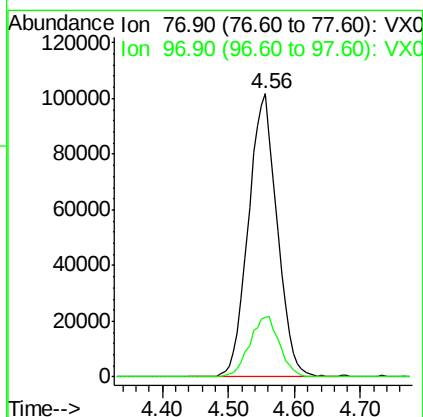
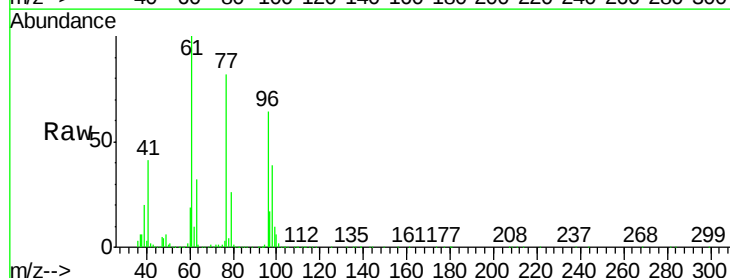
Acq: 01 Sep 2020 19:51

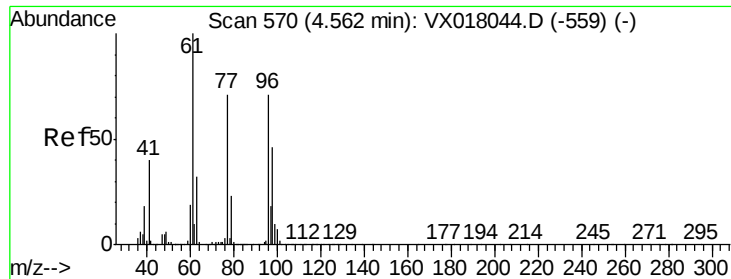
Tgt Ion: 77 Resp: 307760

Ion Ratio Lower Upper

77 100

97 22.3 11.5 34.5





#27

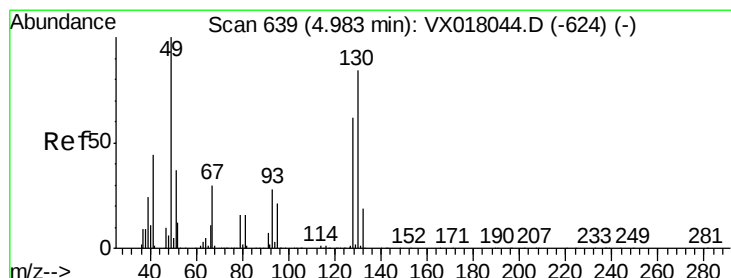
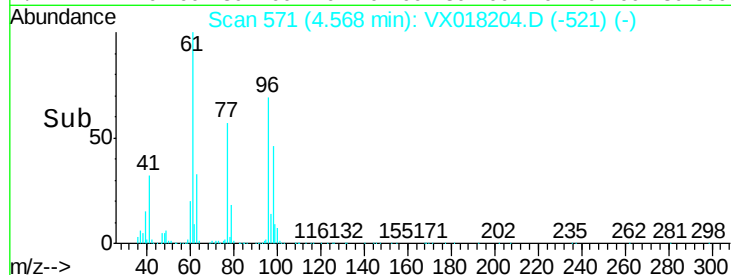
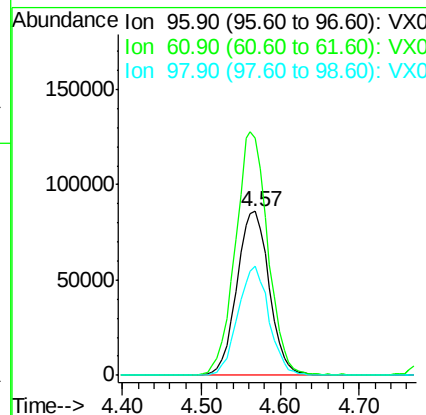
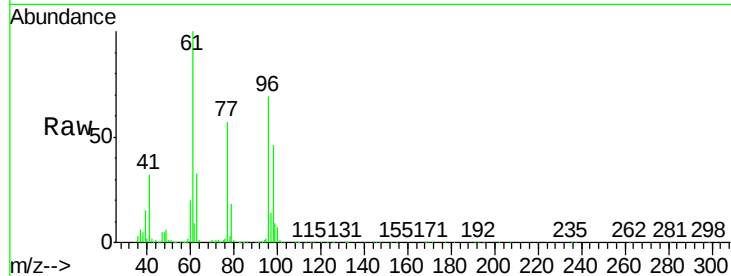
cis-1,2-Dichloroethene
Concen: 47.778 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	245820		
61	148.4	0.0	296.6	
98	63.9	0.0	130.2	

Manual Integrations
APPROVED

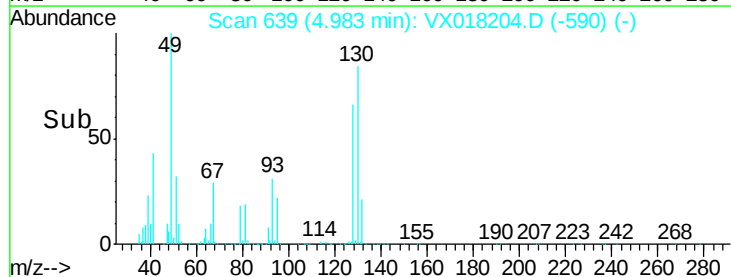
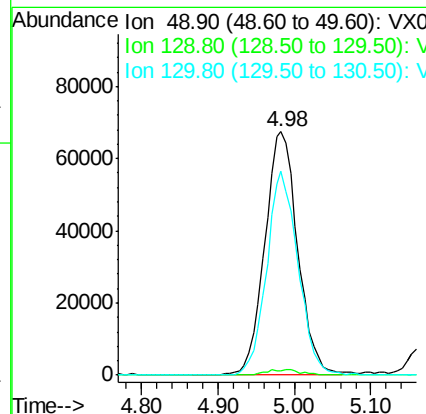
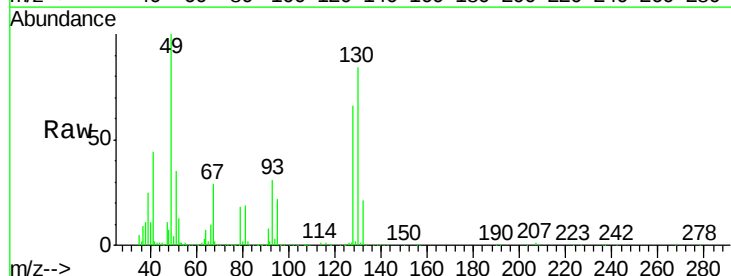
MMDadoda
9/2/2020 2:23:09 PM



#28

Bromochloromethane
Concen: 51.463 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	202101		
129	2.3	0.0	4.6	
130	80.0	64.6	96.8	





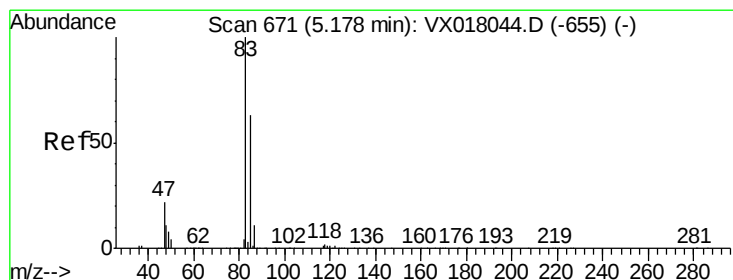
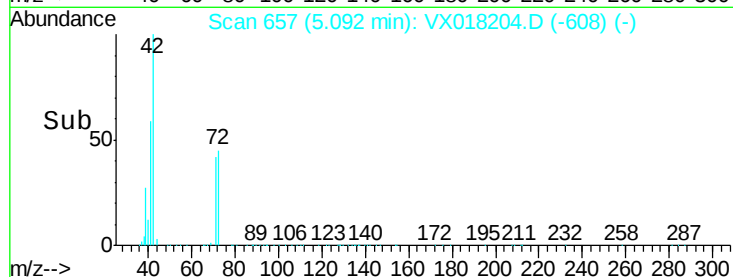
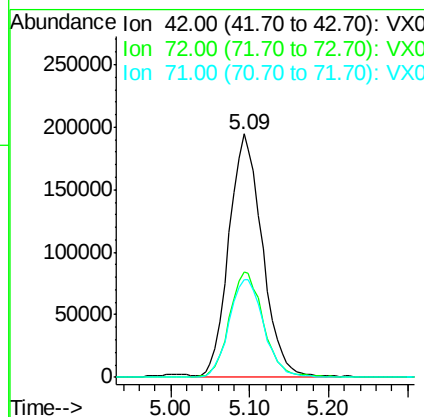
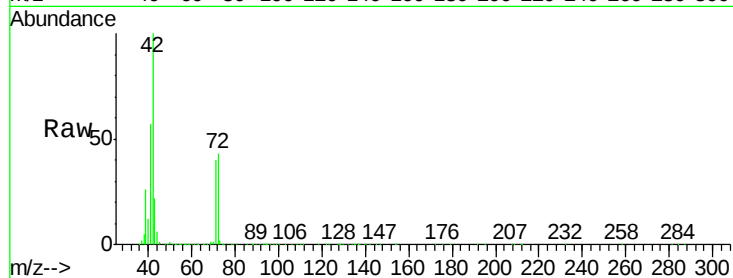
#29
Tetrahydrofuran
Concen: 243.942 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	34.2	51.4
71	42.2	32.1	48.1

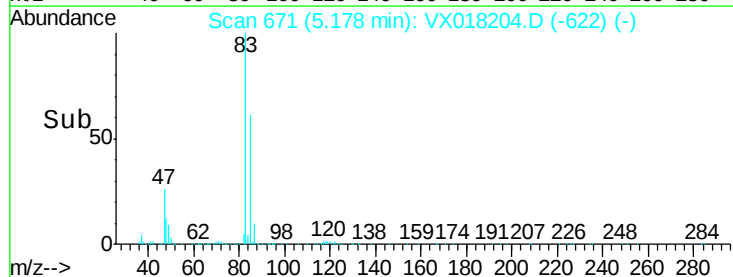
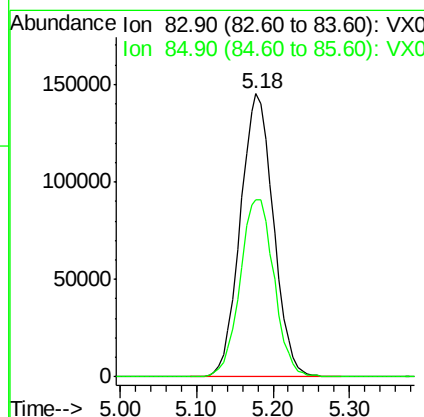
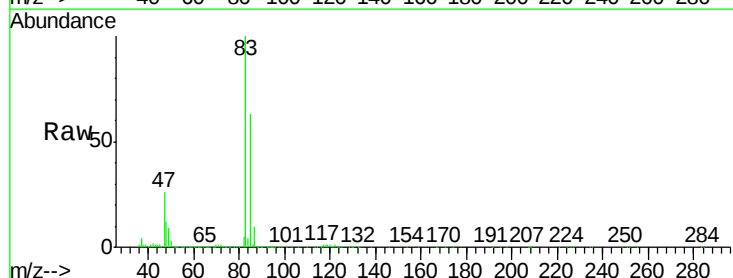
Manual Integrations
APPROVED

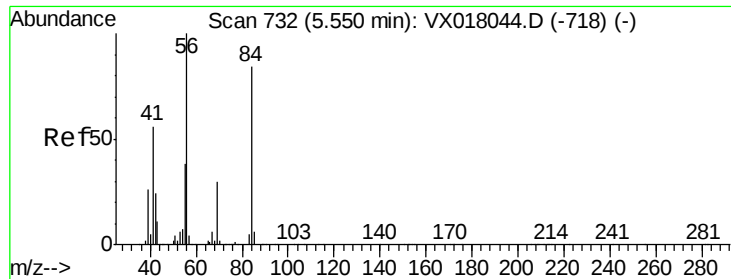
MMDadoda
9/2/2020 2:23:09 PM



#30
Chloroform
Concen: 51.839 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.7	50.7	76.1





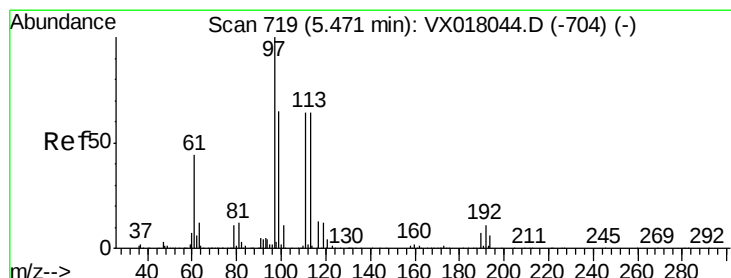
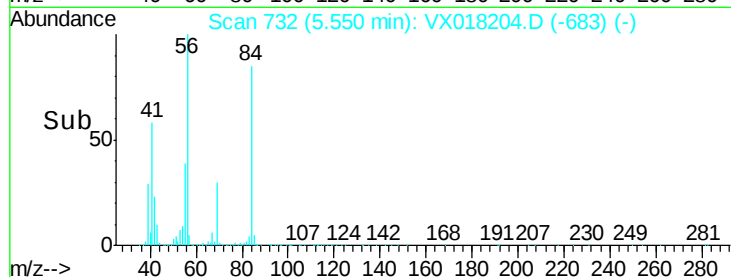
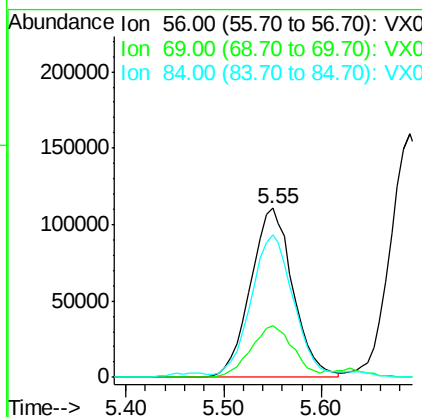
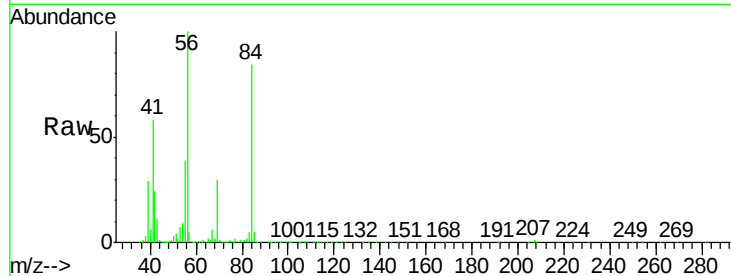
#31
Cyclohexane
Concen: 48.693 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.2	23.9	35.9
84	82.1	67.0	100.4

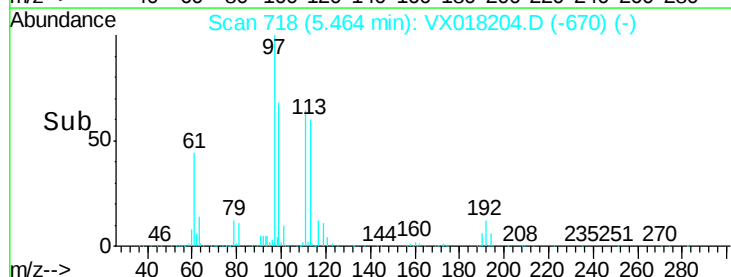
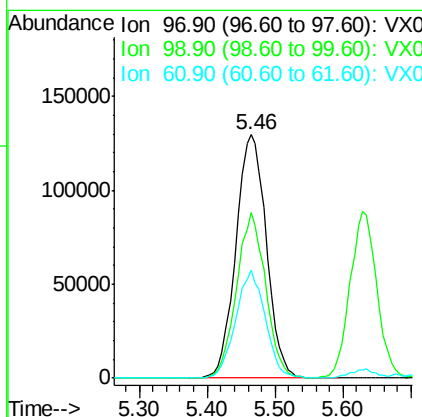
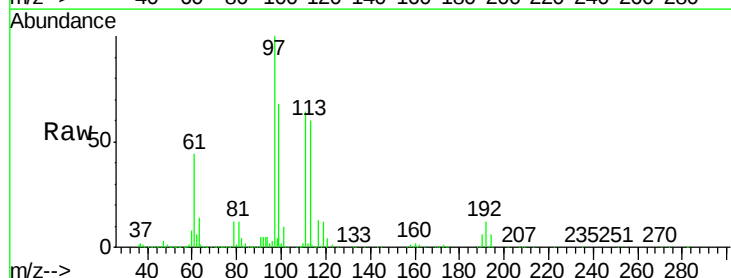
Manual Integrations
APPROVED

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#32
1,1,1-Trichloroethane
Concen: 52.130 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.4	77.0
61	43.1	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 51.428 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018204.D

Acq: 01 Sep 2020 19:51

Tot Ion: 65 Resp: 294460

Ion Ratio Lower Upper

65 100

67 50.5 0.0 105.8

Instrument :

MSVOA_X

ClientSampleId :

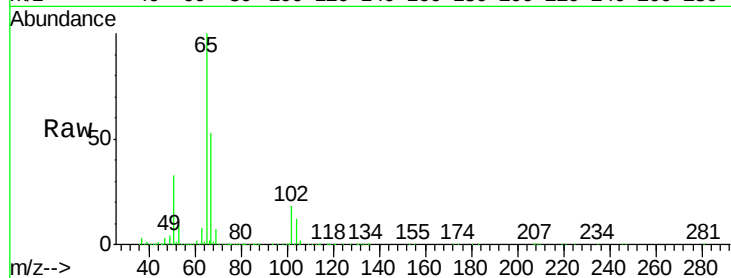
VSTDCCC050EC

Manual Integrations

APPROVED

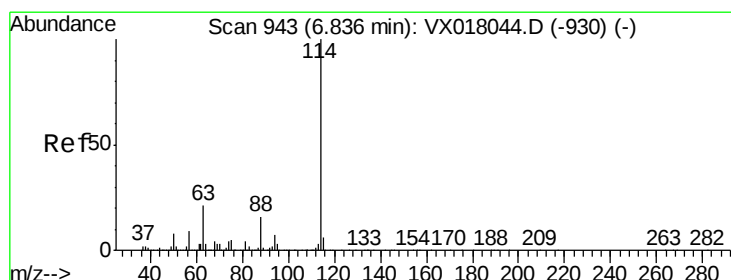
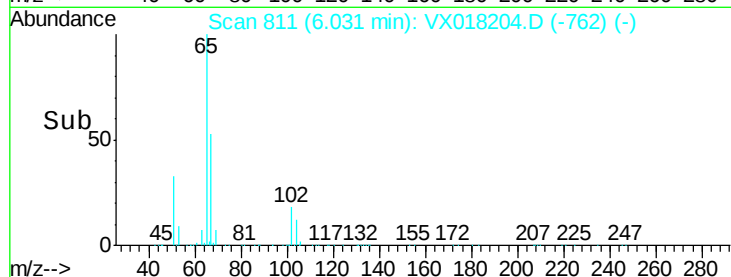
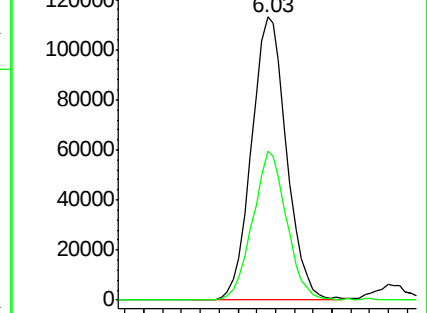
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018204.D

Acq: 01 Sep 2020 19:51

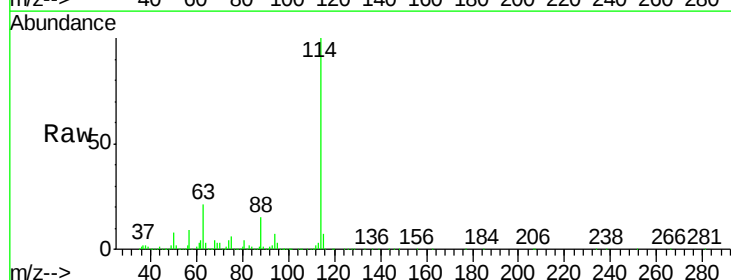
Tgt Ion: 114 Resp: 653408

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.6

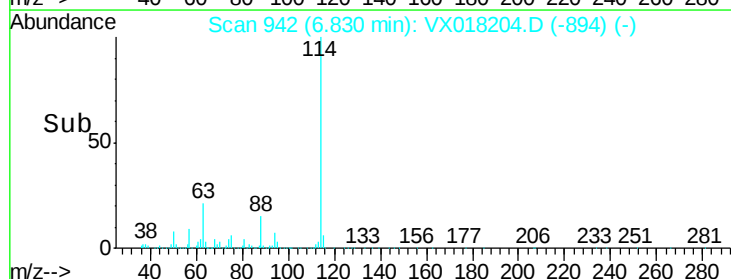
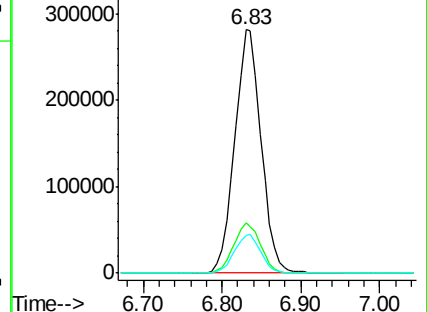
88 15.4 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





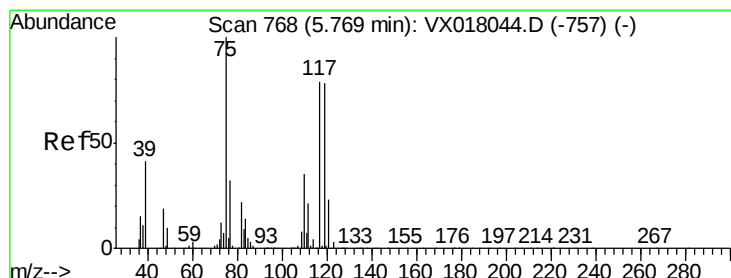
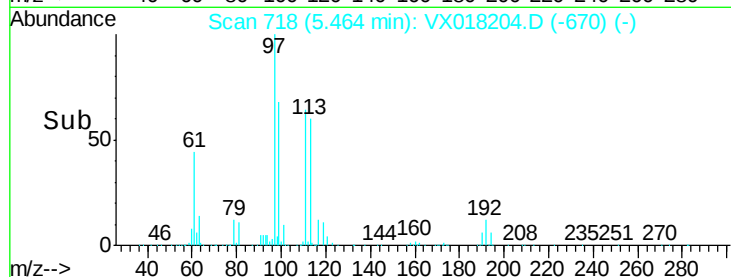
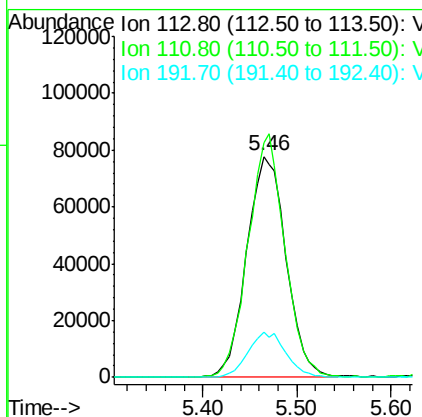
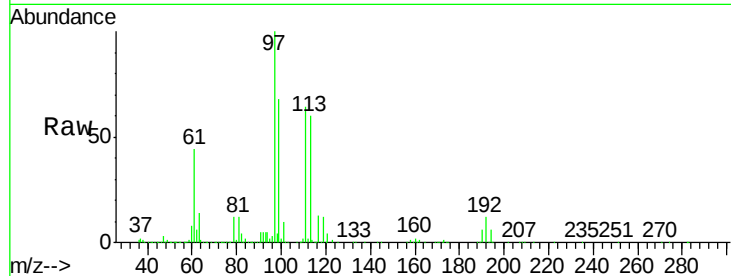
#35
Dibromofluoromethane
Concen: 51.270 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	228152		
111	102.7	81.6	122.4	
192	19.9	15.8	23.8	

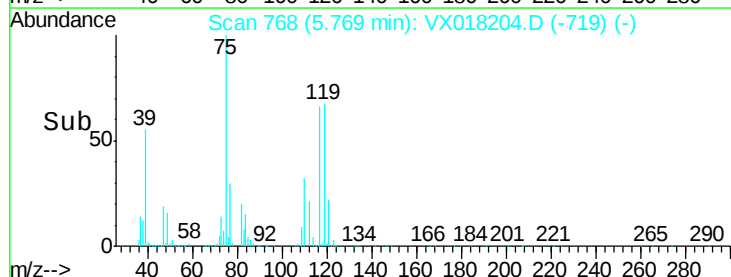
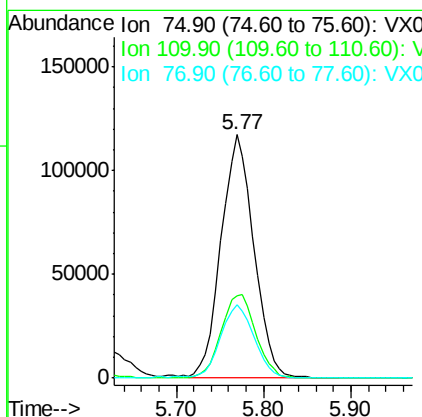
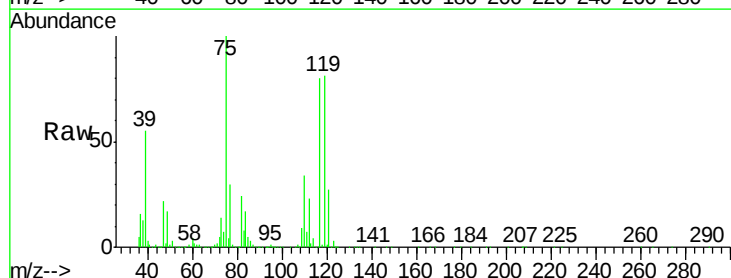
Manual Integrations
APPROVED

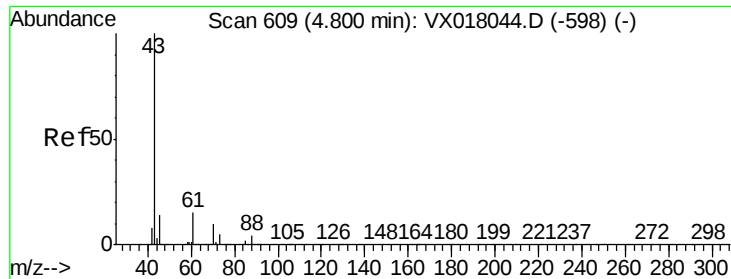
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#36
1,1-Dichloropropene
Concen: 50.468 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	304156		
110	36.6	18.0	54.0	
77	30.6	24.4	36.6	





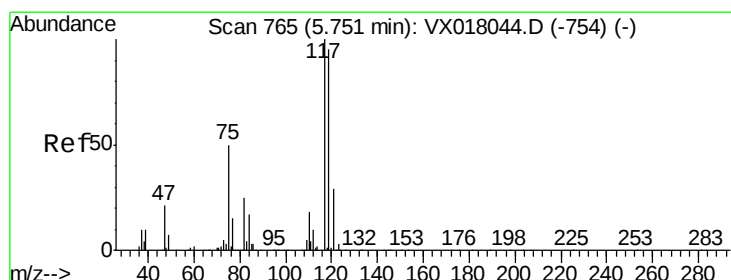
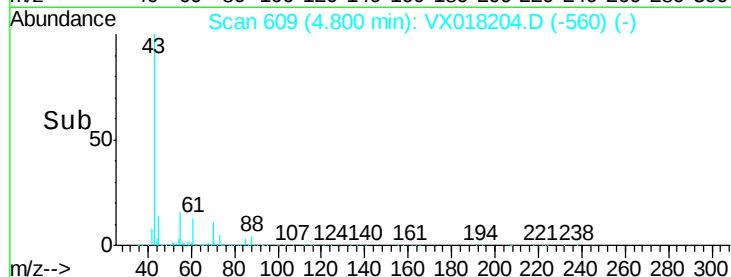
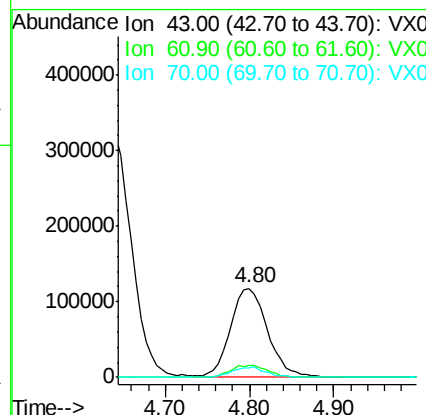
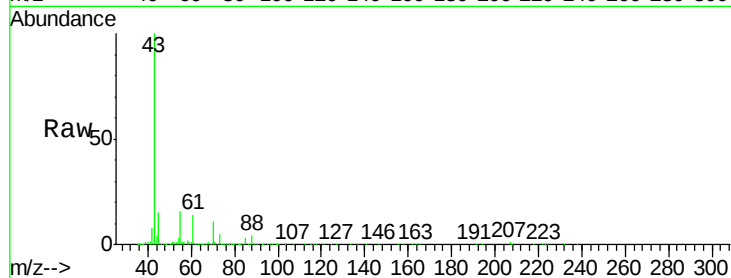
#37
Ethyl Acetate
Concen: 49.700 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	347880
Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.3	16.9
70	10.6	8.2	12.4

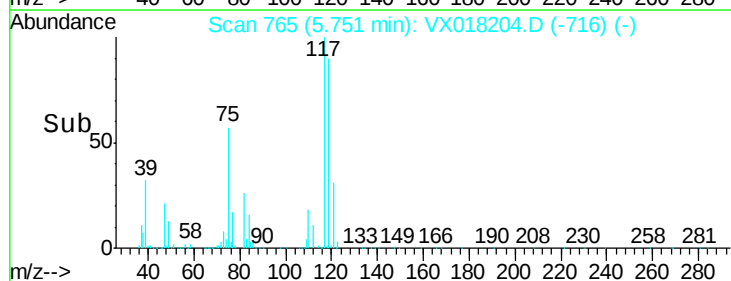
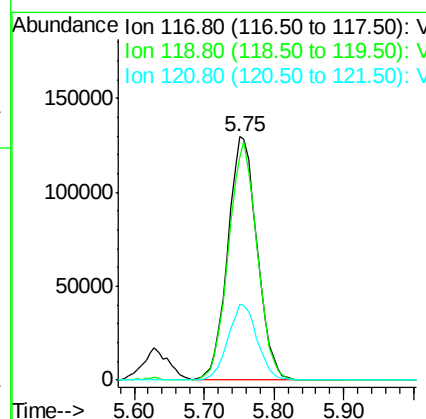
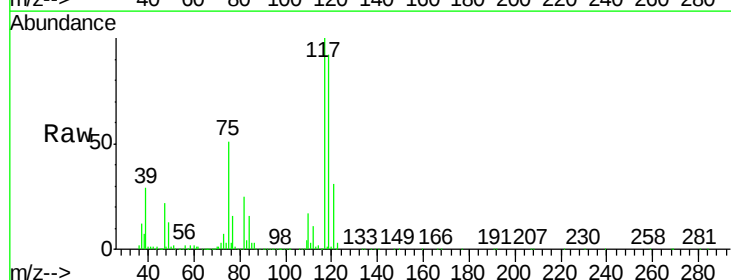
Manual Integrations
APPROVED

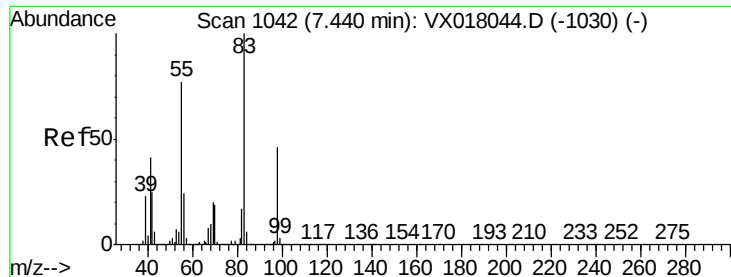
MMDadoda
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#38
Carbon Tetrachloride
Concen: 55.612 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Tgt Ion:	117	Resp:	377707
Ion	Ratio	Lower	Upper
117	100		
119	91.5	75.8	113.6
121	30.8	23.4	35.0





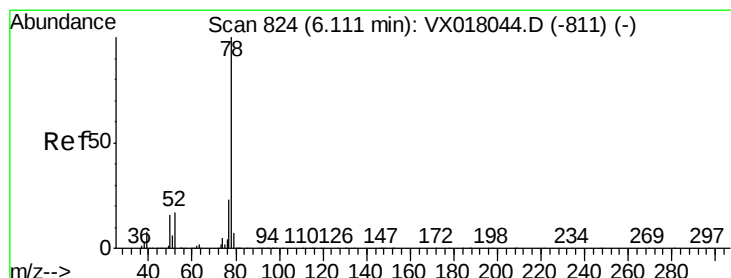
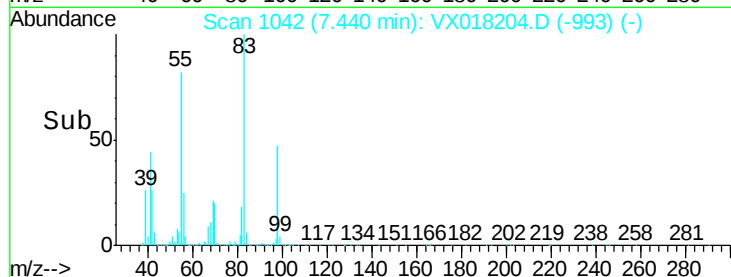
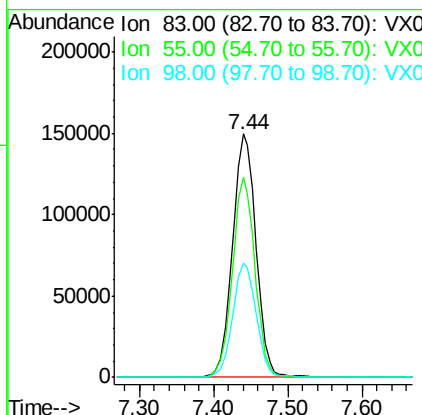
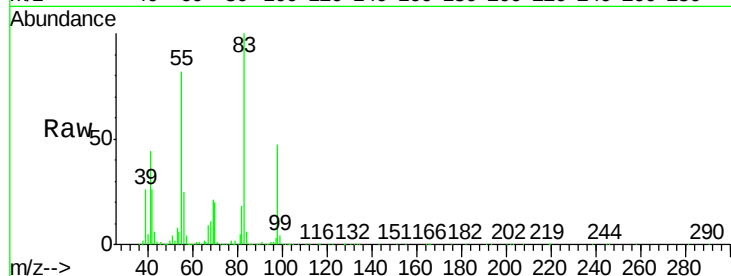
#39
Methvlcvclohexane
Concen: 50.155 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	330523
Ion	Ratio	Lower	Upper
83	100		
55	82.2	61.8	92.6
98	47.1	36.6	55.0

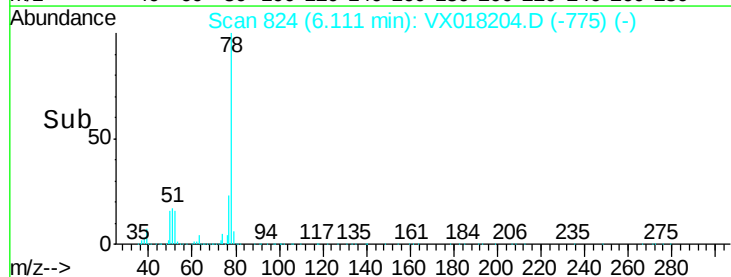
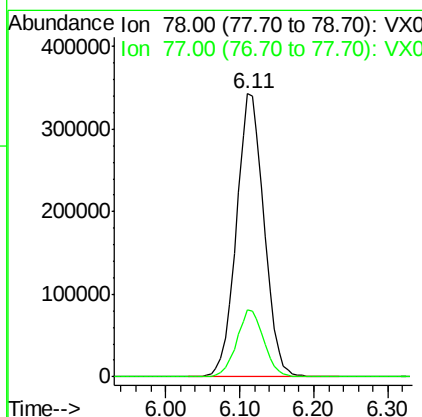
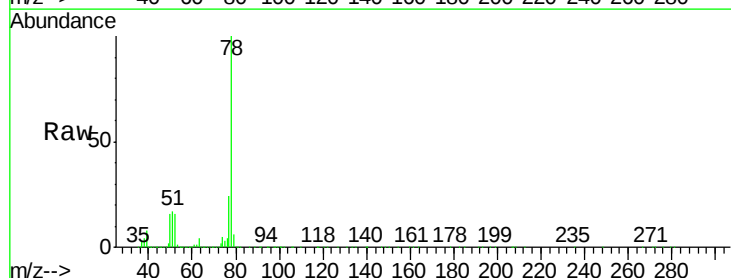
Manual Integrations
APPROVED

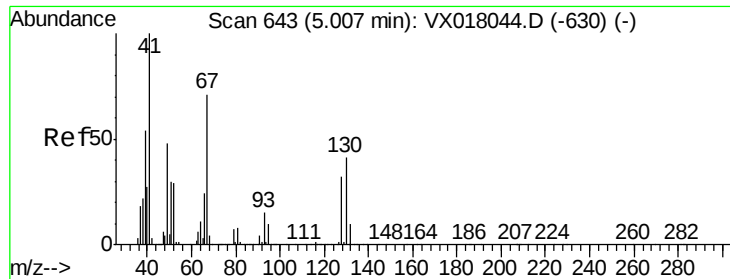
MMDadoda
9/2/2020 2:23:09 PM



#40
Benzene
Concen: 50.420 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Tgt Ion	78	Resp	892879
Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.2	27.2





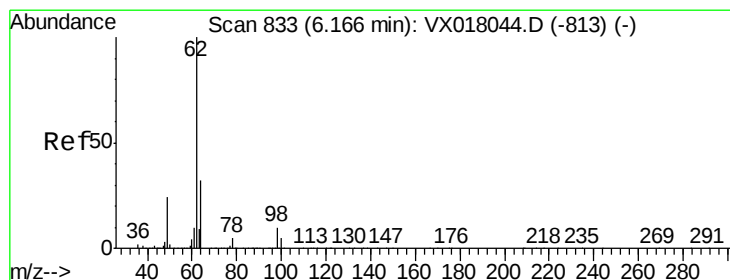
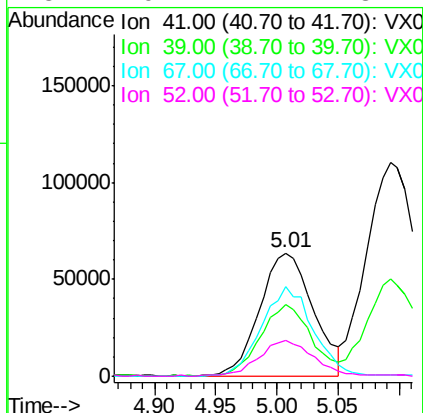
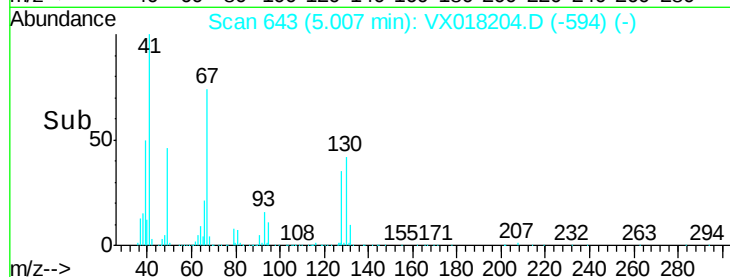
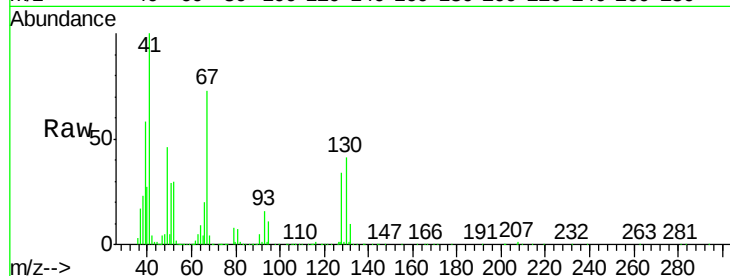
#41
Methacrylonitrile
Concen: 50.058 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
192387	41	100		
	39	55.4	43.1	64.7
	67	70.9	56.0	84.0
	52	29.1	22.7	34.1

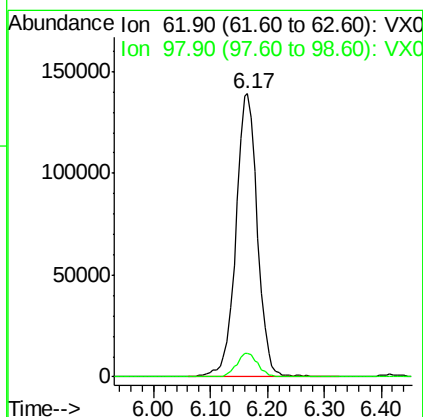
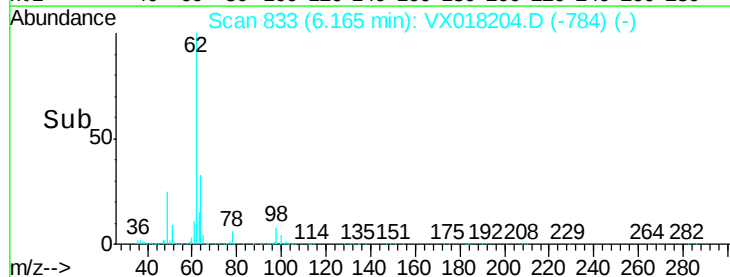
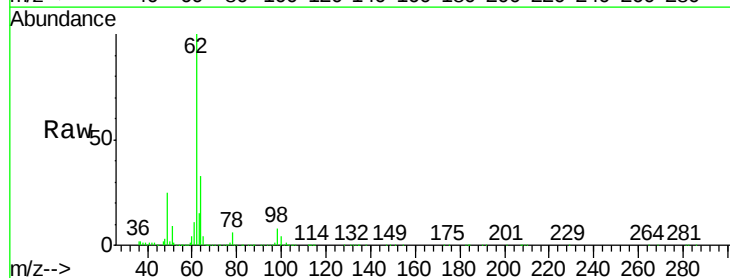
Manual Integrations
APPROVED

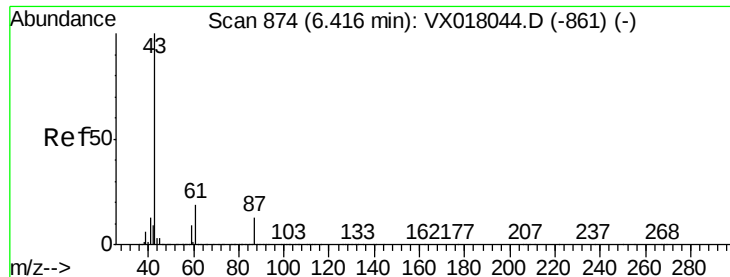
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#42
1,2-Dichloroethane
Concen: 54.318 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Tgt Ion	Ion	Ratio	Lower	Upper
368542	62	100		
	98	8.3	0.0	18.2





#43

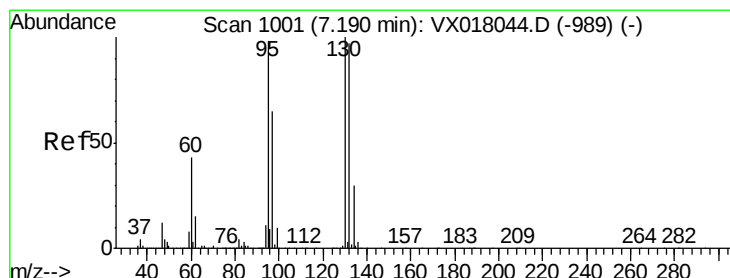
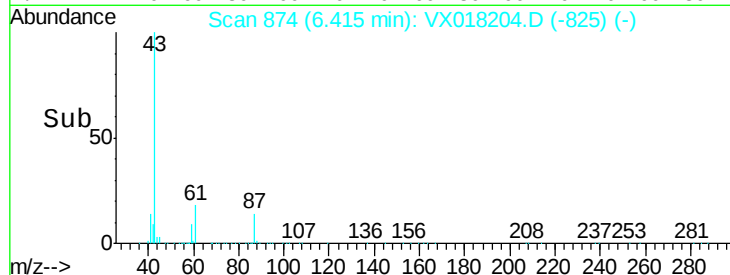
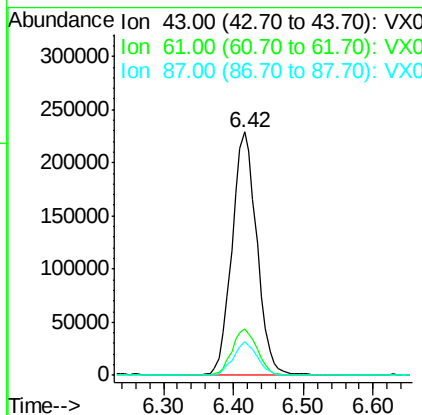
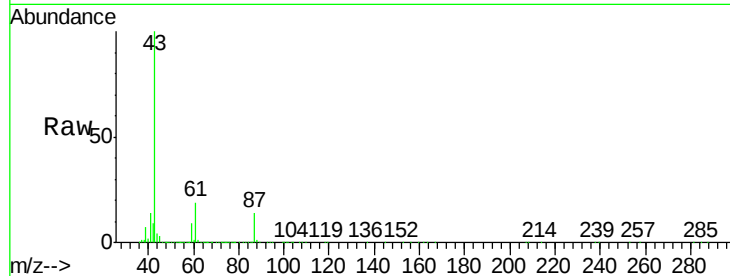
Isopropyl Acetate
 Concen: 49.770 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX018204.D
 Acq: 01 Sep 2020 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	43	Resp:	562683
Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.7	23.5
87	13.4	10.3	15.5

Manual Integrations
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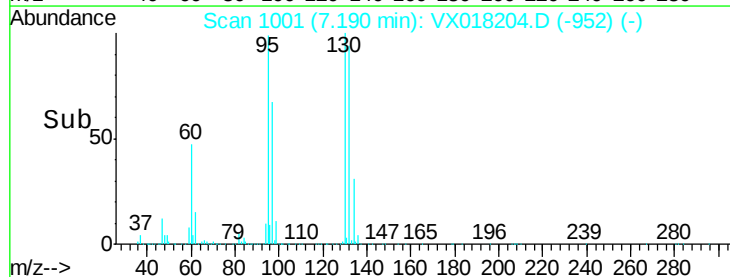
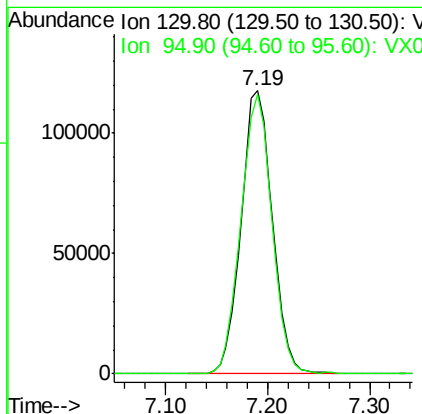
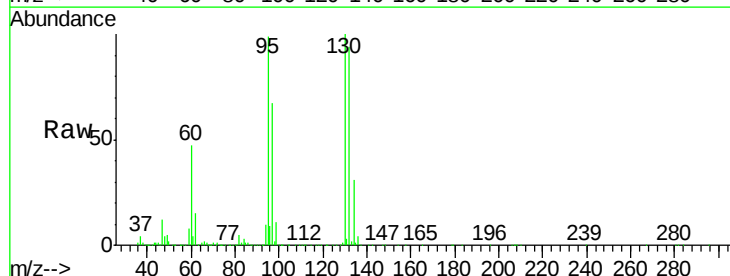
MMDadoda
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#44

Trichloroethene
 Concen: 50.135 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018204.D
 Acq: 01 Sep 2020 19:51

Tgt Ion:	130	Resp:	250861
Ion	Ratio	Lower	Upper
130	100		
95	98.6	0.0	196.4





#45

1,2-Dichloropropane

Concen: 50.507 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX018204.D

Acq: 01 Sep 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 241061

Ion Ratio Lower Upper

63 100

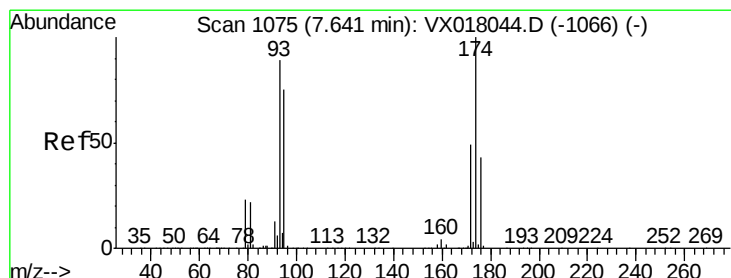
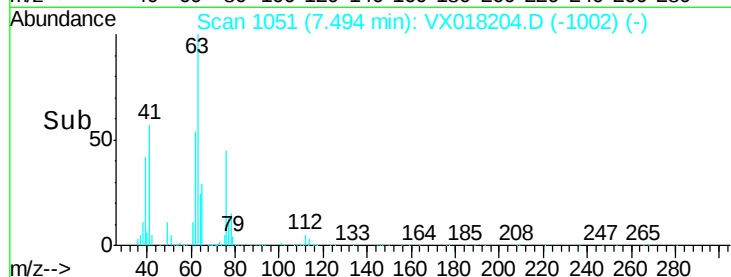
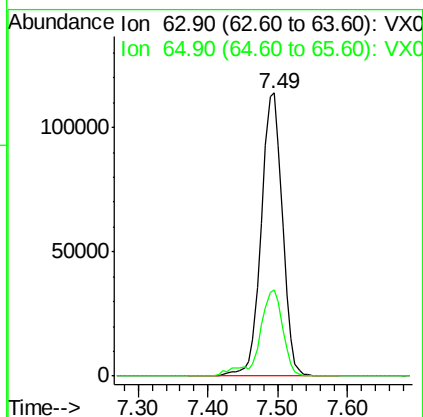
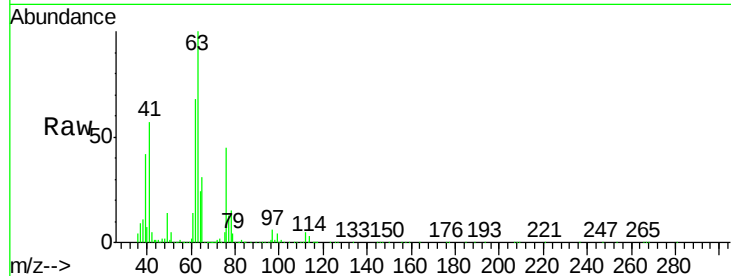
65 30.5 25.7 38.5

Manual Integrations

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#46

Dibromomethane

Concen: 49.967 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX018204.D

Acq: 01 Sep 2020 19:51

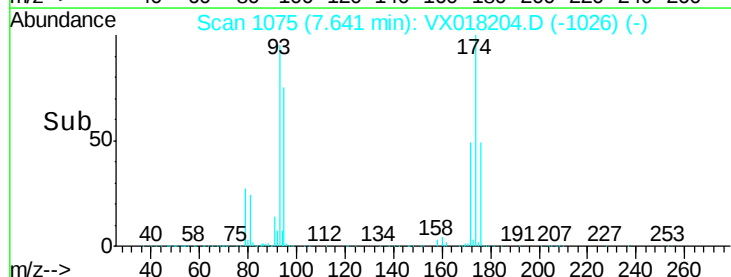
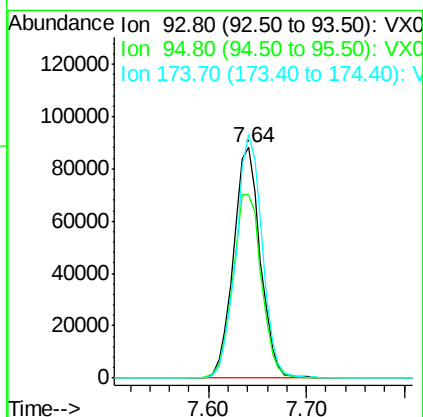
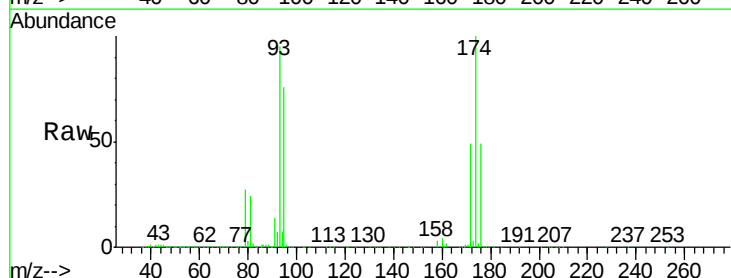
Tgt Ion: 93 Resp: 167704

Ion Ratio Lower Upper

93 100

95 85.0 67.3 100.9

174 103.8 82.2 123.2





#47

Bromodichloromethane

Concen: 53.073 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018204.D

Acq: 01 Sep 2020 19:51

Instrument :

MSVOA_X

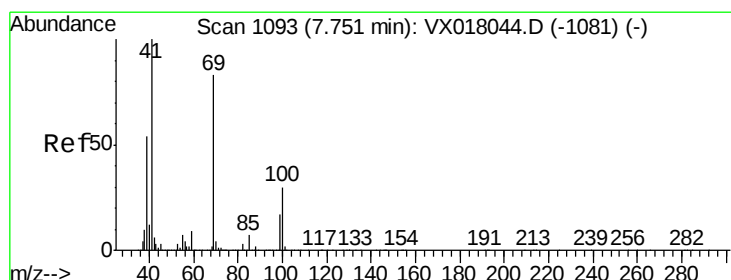
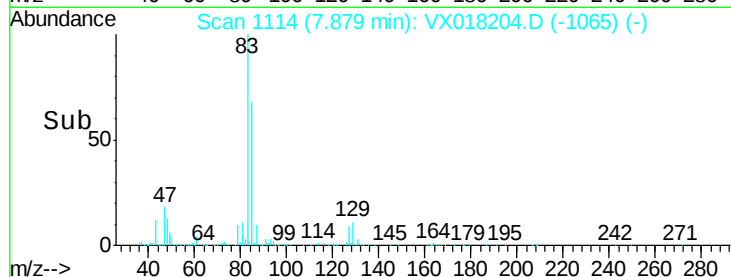
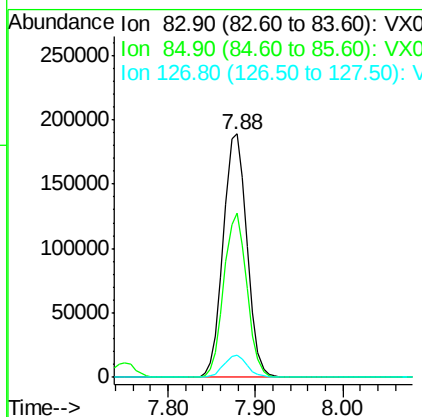
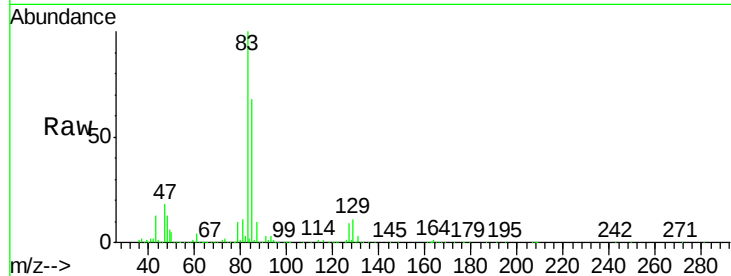
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	355668
Ion	Ratio	Lower	Upper
83	100		
85	67.5	51.8	77.6
127	8.9	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 50.154 ug/l

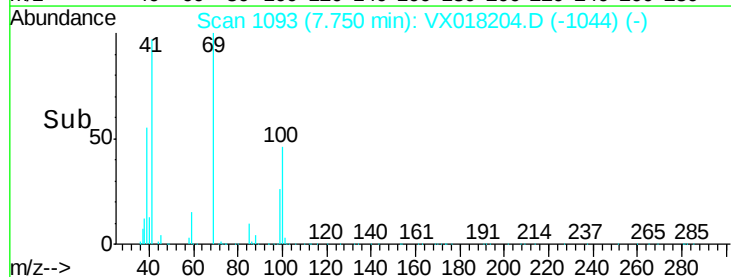
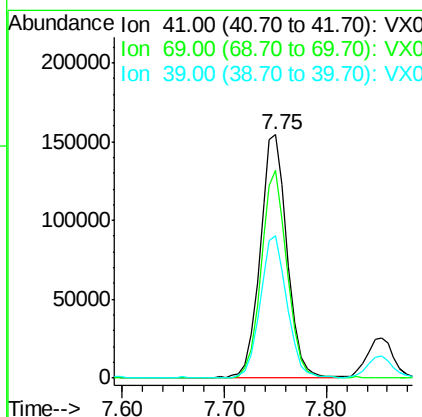
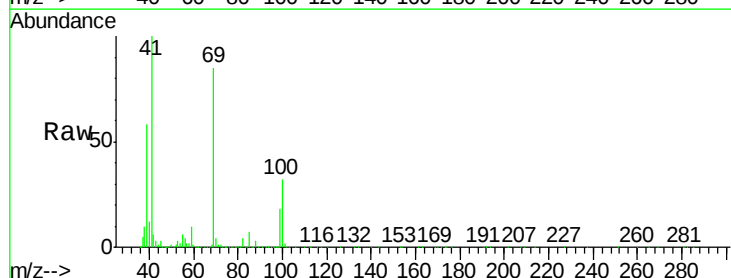
RT: 7.75 min Scan# 1093

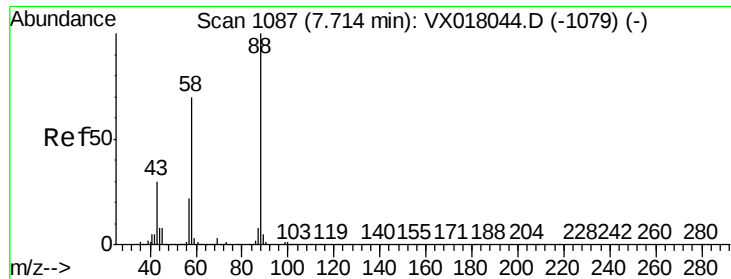
Delta R.T. -0.00 min

Lab File: VX018204.D

Acq: 01 Sep 2020 19:51

Tgt Ion:	41	Resp:	282272
Ion	Ratio	Lower	Upper
41	100		
69	82.1	65.5	98.3
39	58.4	44.5	66.7





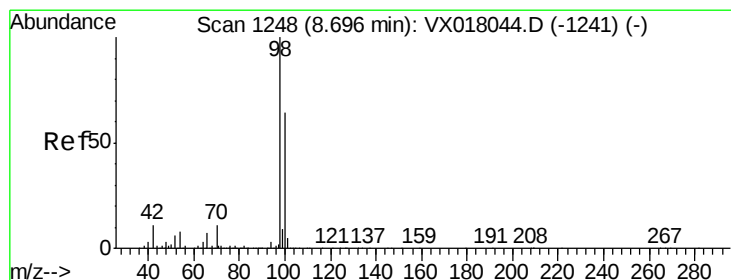
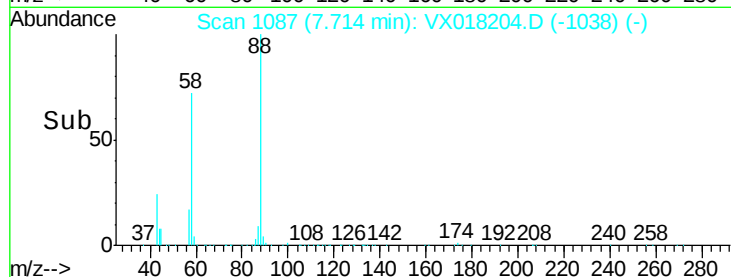
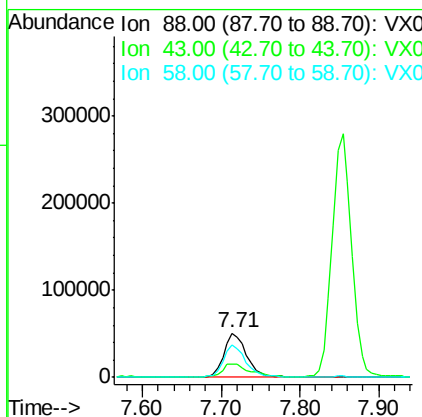
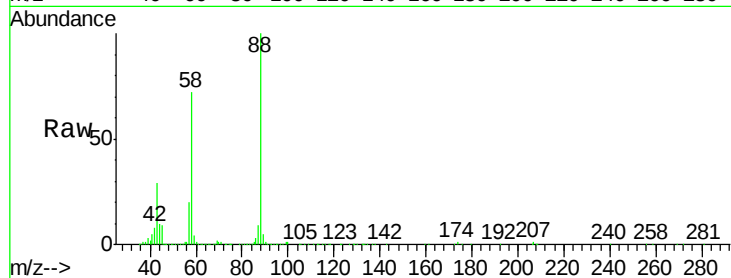
#49
1,4-Dioxane
Concen: 1002.485 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.6	27.4	41.0
58	72.7	56.4	84.6

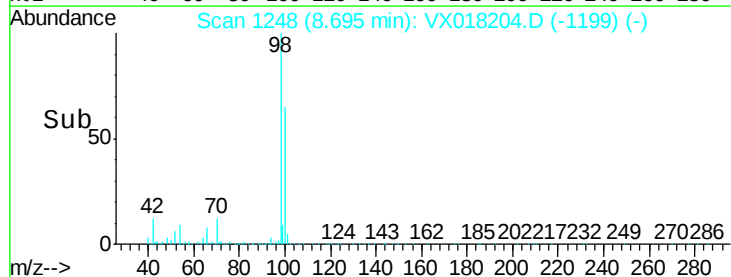
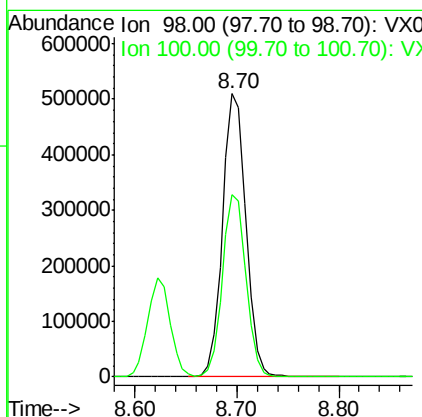
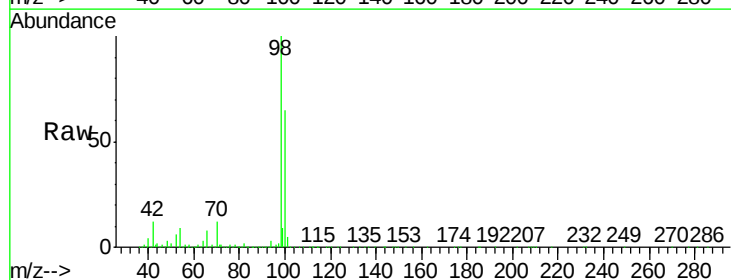
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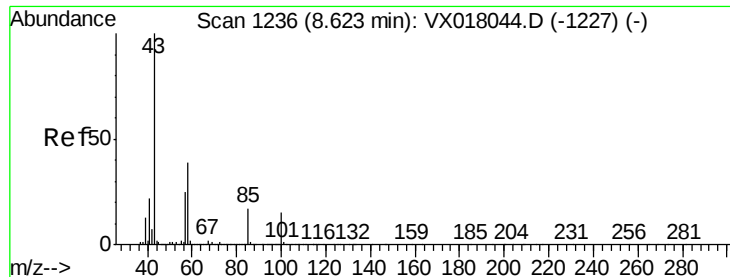
MMDadoda
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#50
Toluene-d8
Concen: 49.002 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 260.541 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018204.D

Acq: 01 Sep 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1819522

Ion Ratio Lower Upper

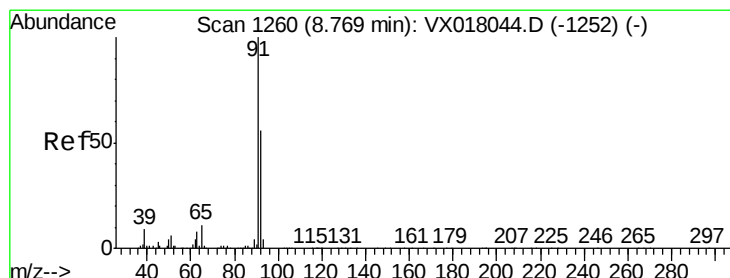
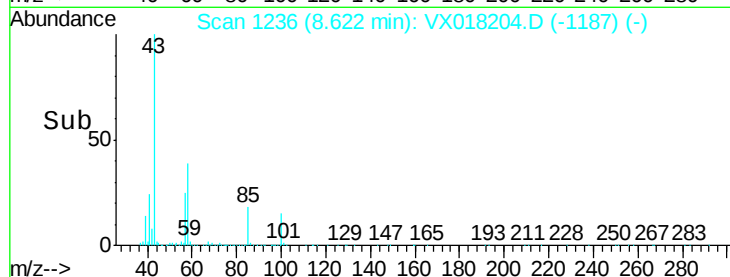
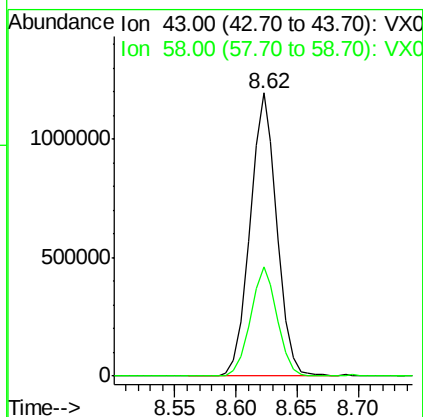
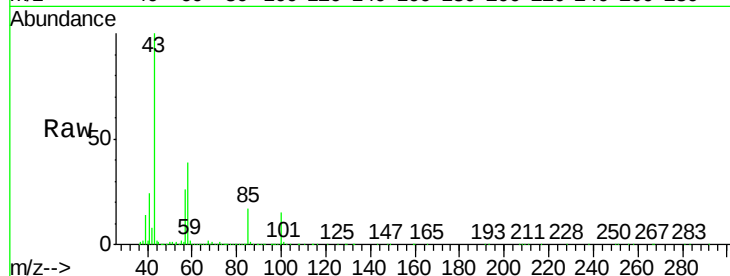
43 100

58 38.5 30.7 46.1

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#52

Toluene

Concen: 51.201 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018204.D

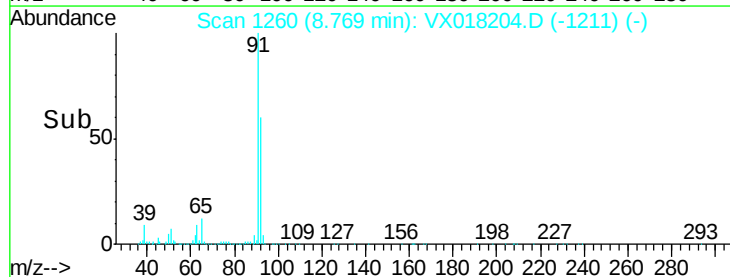
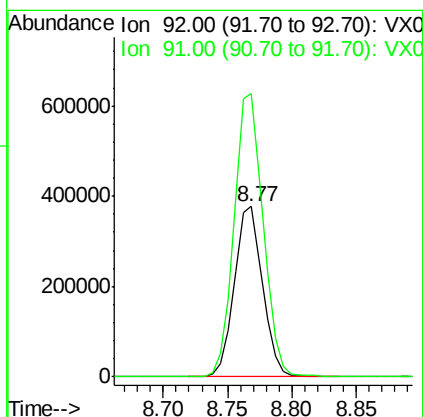
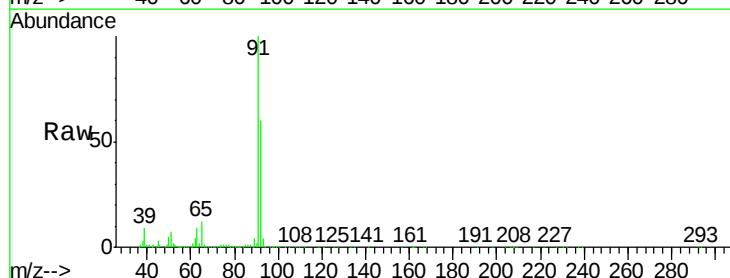
Acq: 01 Sep 2020 19:51

Tgt Ion: 92 Resp: 574942

Ion Ratio Lower Upper

92 100

91 171.1 140.3 210.5





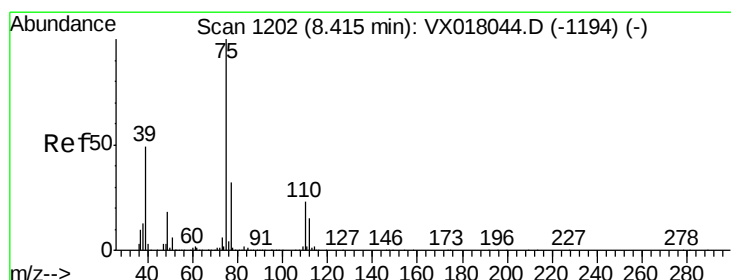
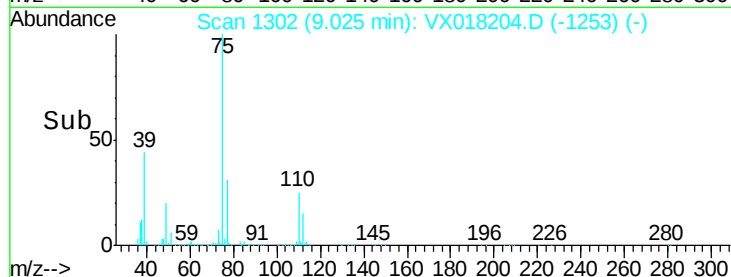
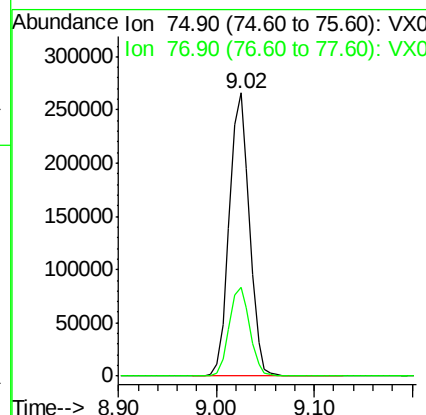
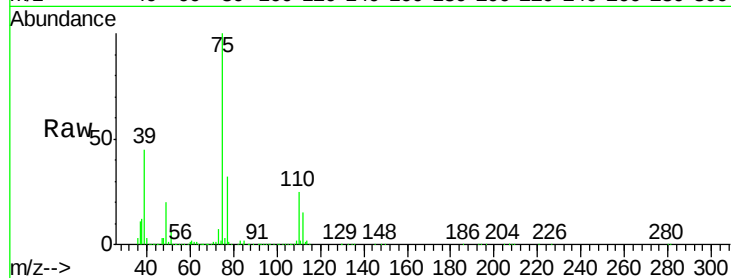
#53
t-1,3-Dichloropropene
Concen: 51.303 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.6	39.8

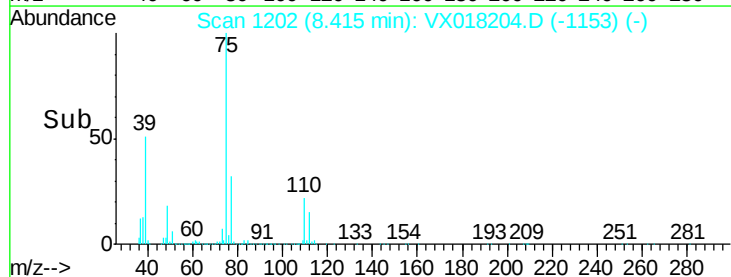
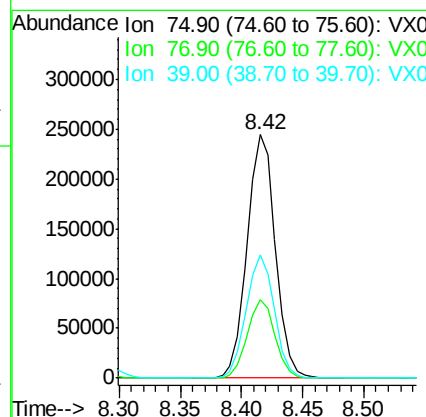
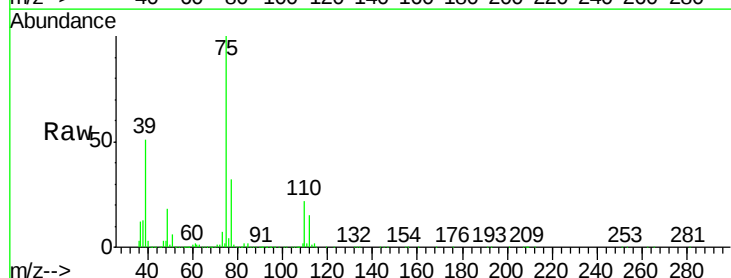
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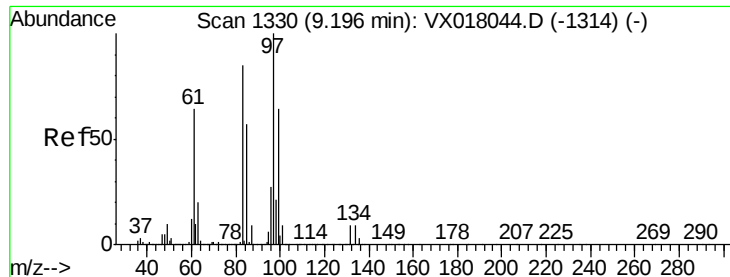
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 49.810 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.8	38.8
39	50.6	38.8	58.2





#55

1,1,2-Trichloroethane

Concen: 51.159 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018204.D

Acq: 01 Sep 2020 19:51

Instrument :

MSVOA_X

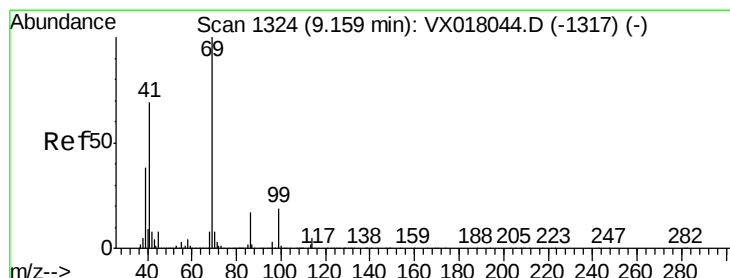
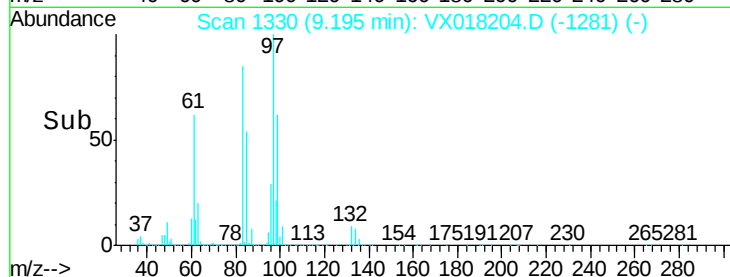
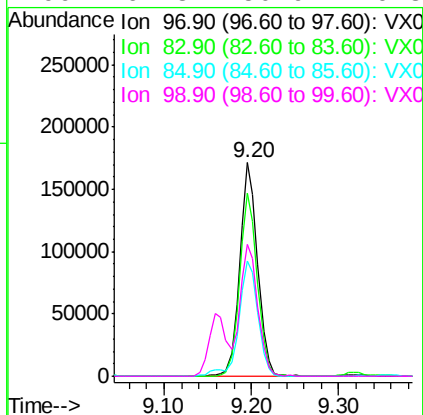
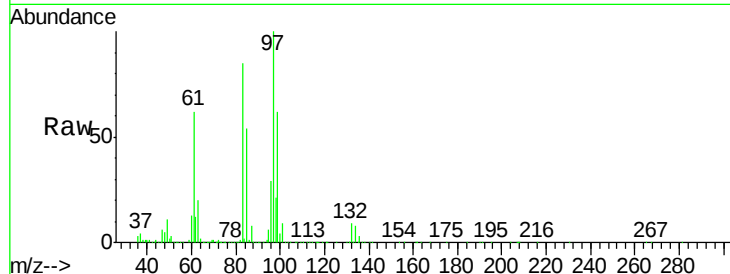
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		245007		
83	85.3	67.8	101.6		
85	54.2	45.3	67.9		
99	61.8	50.9	76.3		

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#56

Ethyl methacrylate

Concen: 52.655 ug/l

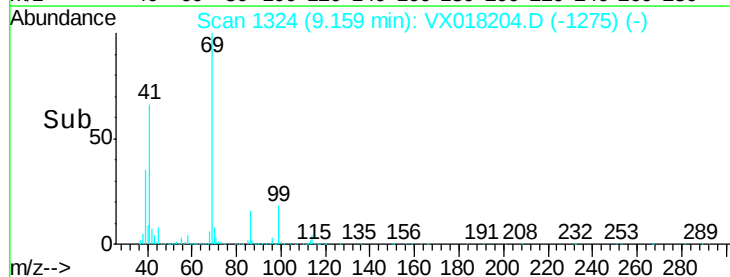
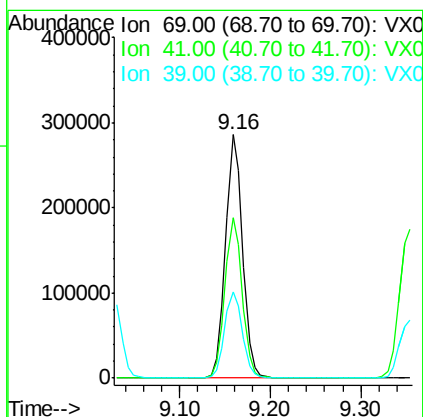
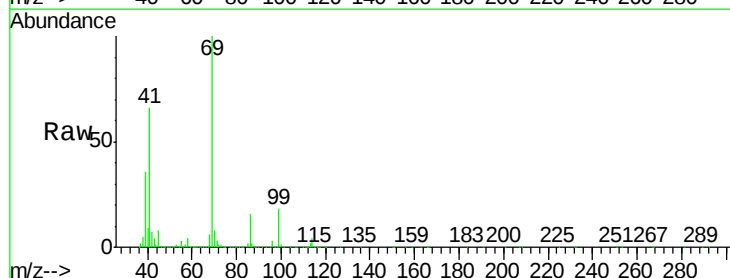
RT: 9.16 min Scan# 1324

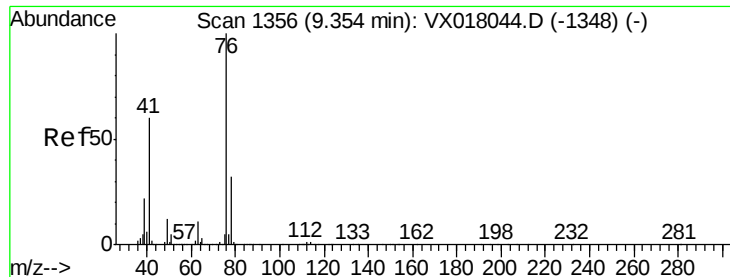
Delta R.T. -0.00 min

Lab File: VX018204.D

Acq: 01 Sep 2020 19:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		374880		
41	66.4	54.6	81.8		
39	37.1	29.1	43.7		





#57

1,3-Dichloropropane

Concen: 50.879 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018204.D

Acq: 01 Sep 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 401894

Ion Ratio Lower Upper

76 100

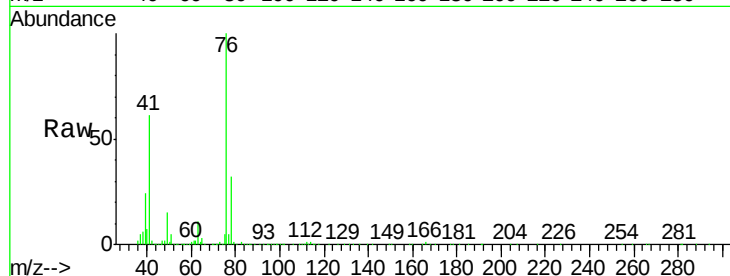
78 32.7 25.8 38.6

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

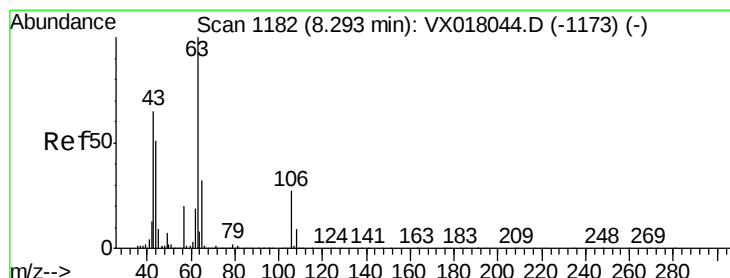
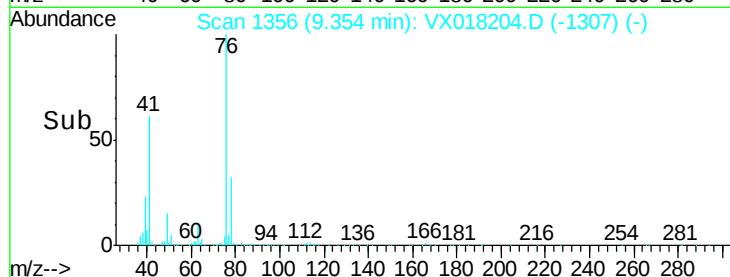
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 236.482 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018204.D

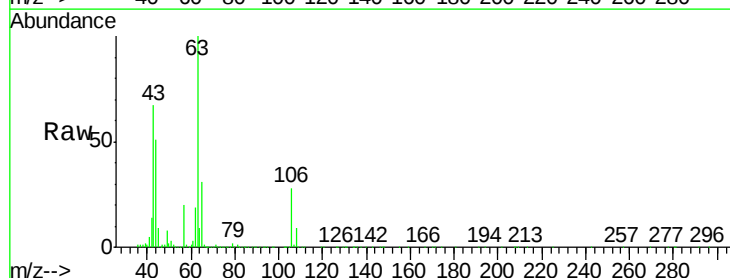
Acq: 01 Sep 2020 19:51

Tgt Ion: 63 Resp: 757380

Ion Ratio Lower Upper

63 100

106 27.9 22.1 33.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

500000

400000

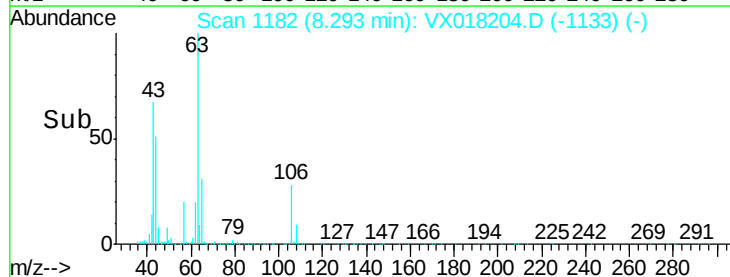
300000

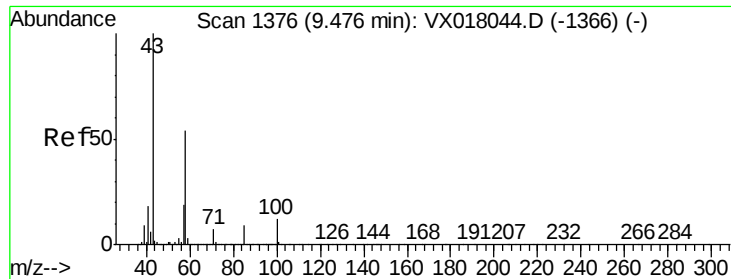
200000

100000

0

Time-->





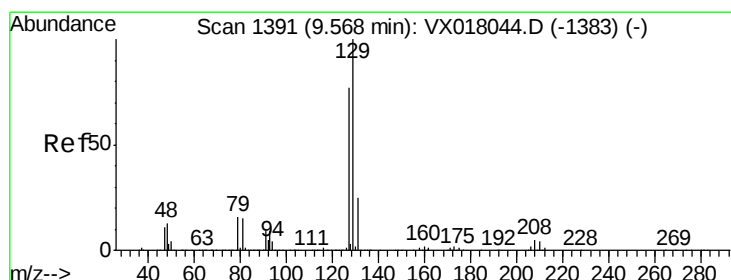
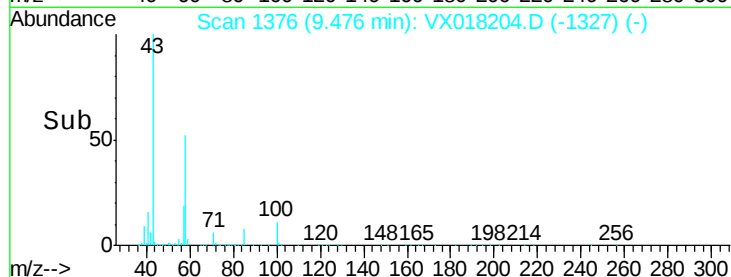
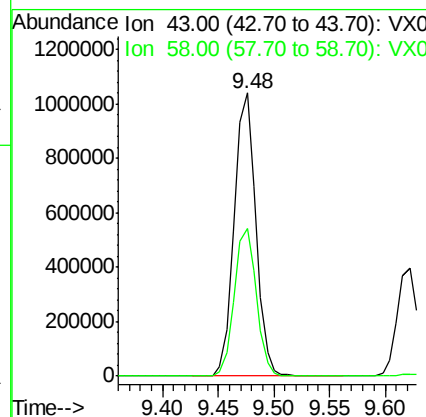
#59
2-Hexanone
Concen: 263.927 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1401520
Ion Ratio Lower Upper
43 100
58 53.3 26.6 79.7

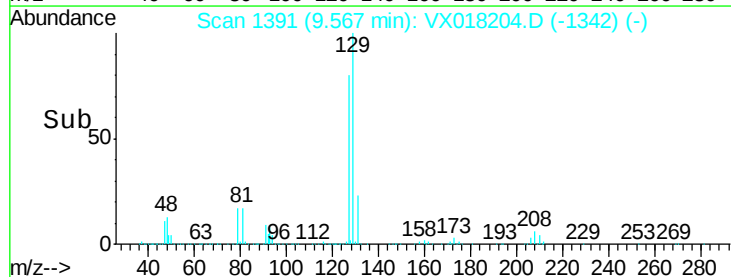
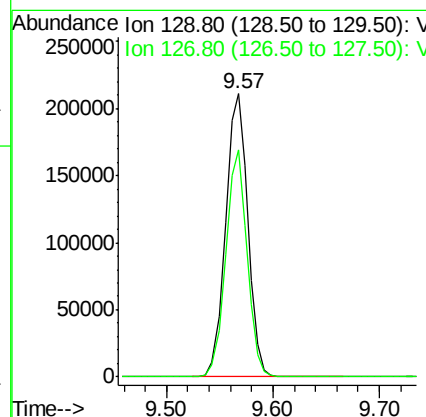
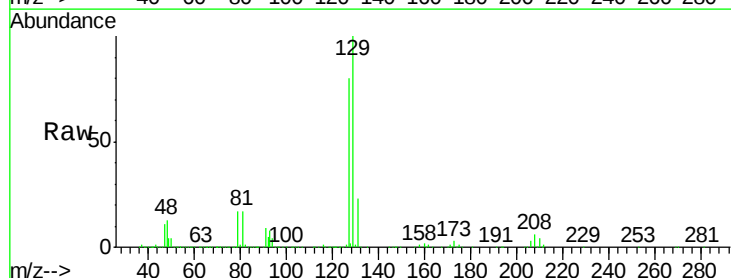
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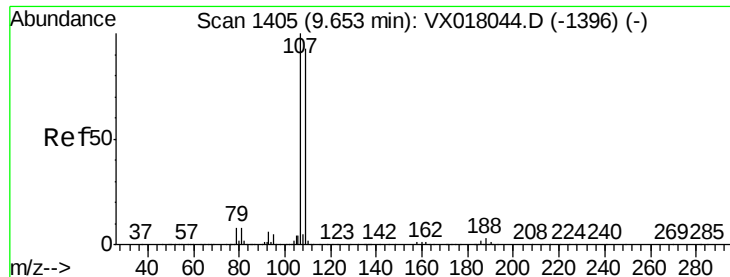
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#60
Dibromochloromethane
Concen: 54.640 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Tgt Ion: 129 Resp: 306972
Ion Ratio Lower Upper
129 100
127 77.0 38.9 116.6





#61

1,2-Dibromoethane

Concen: 51.397 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018204.D

Acq: 01 Sep 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 267231

Ion Ratio Lower Upper

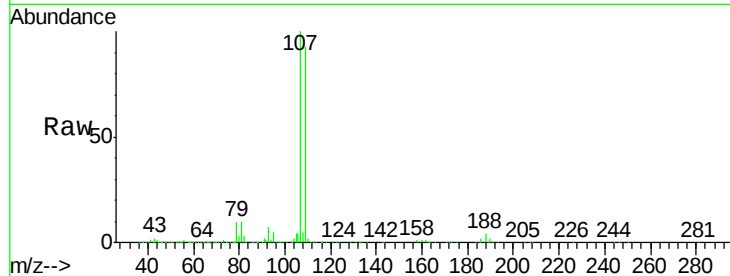
107 100

109 92.4 75.9 113.9

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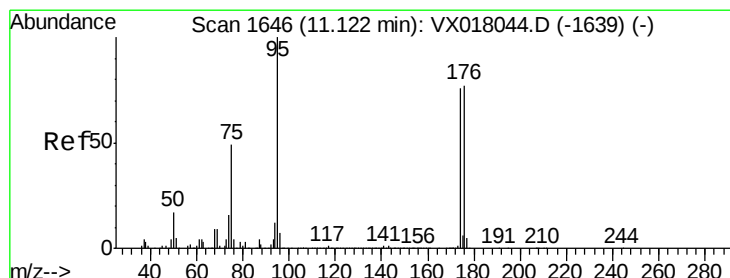
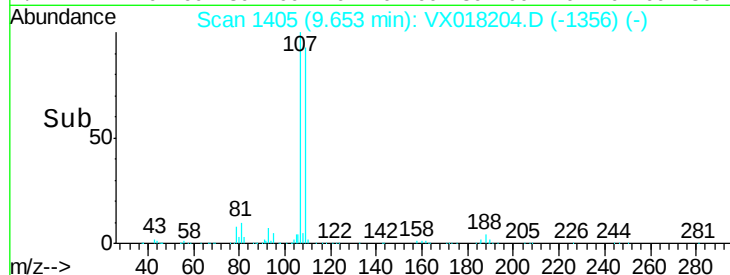
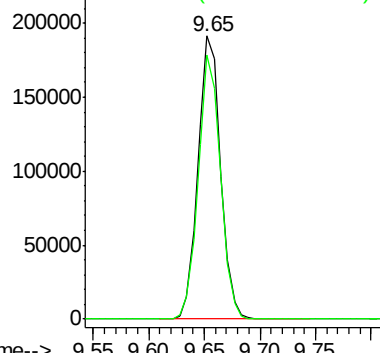
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.617 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018204.D

Acq: 01 Sep 2020 19:51

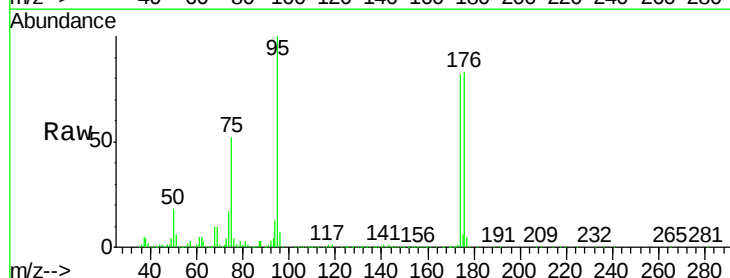
Tgt Ion: 95 Resp: 336593

Ion Ratio Lower Upper

95 100

174 80.4 0.0 160.2

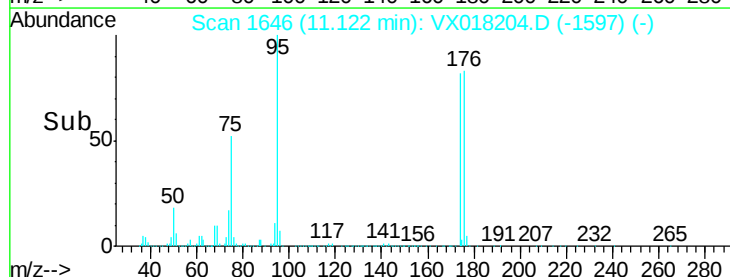
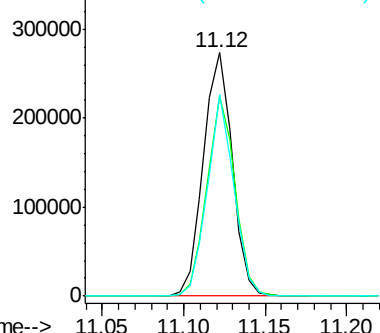
176 76.3 0.0 155.8

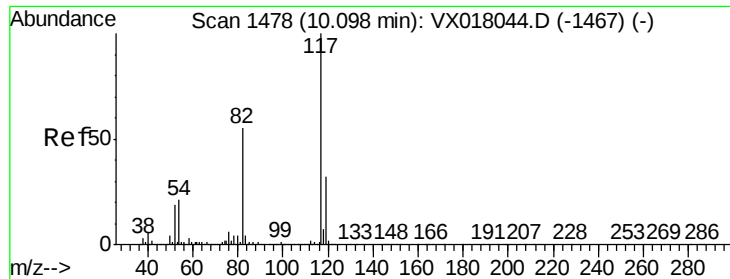


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





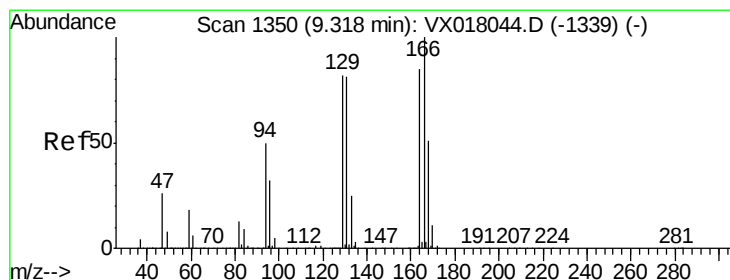
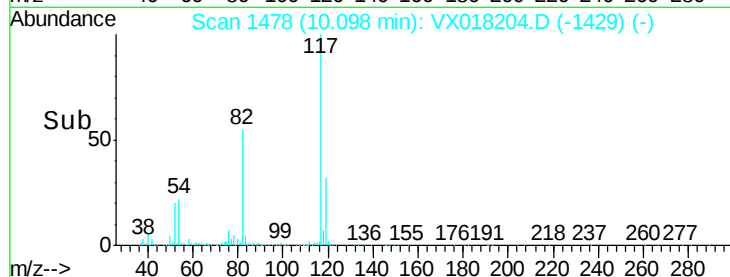
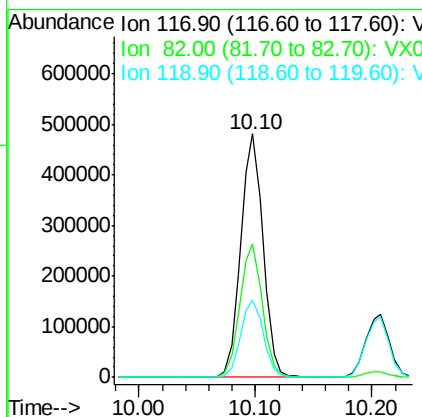
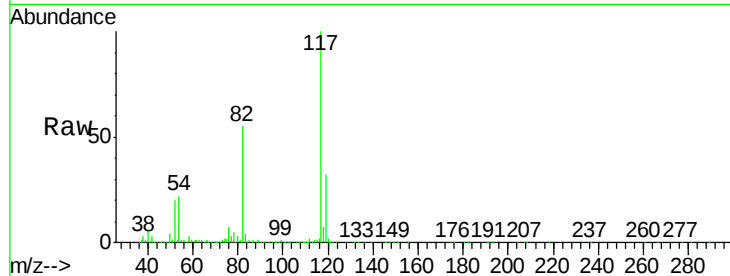
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	643524		
82	54.9		44.2	66.2
119	31.6		25.7	38.5

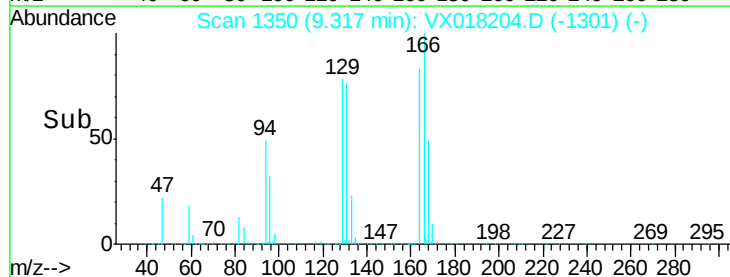
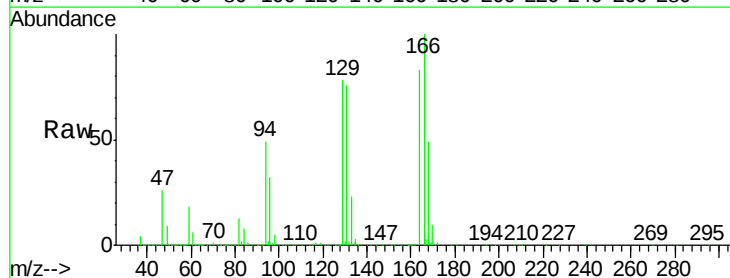
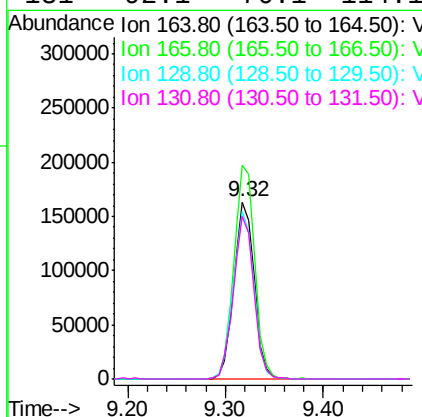
Manual Integrations
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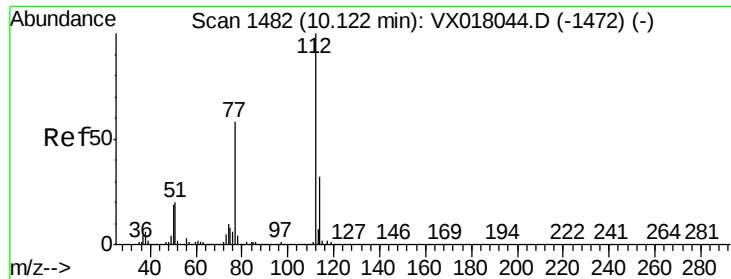
MMDadoda
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#64
Tetrachloroethene
Concen: 49.997 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	236435		
166	120.7		94.2	141.2
129	94.7		76.9	115.3
131	92.1		76.1	114.1





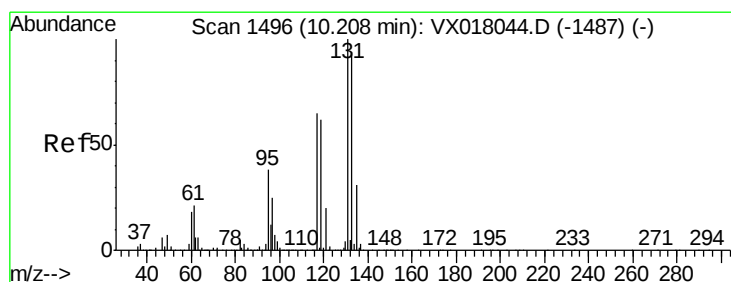
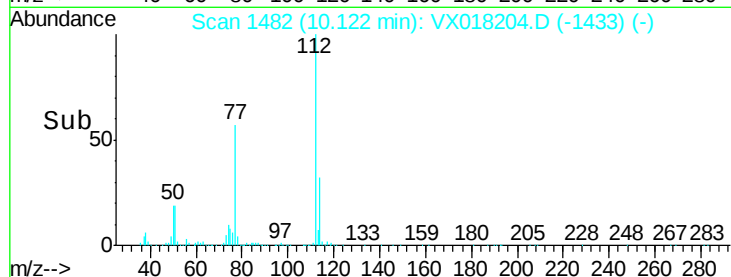
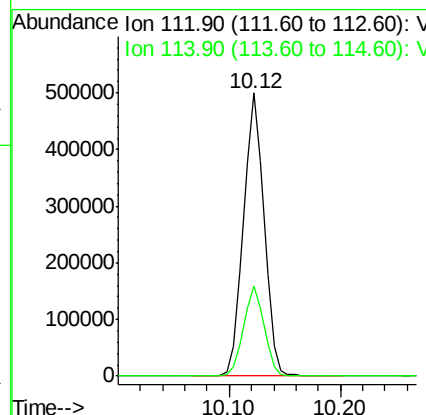
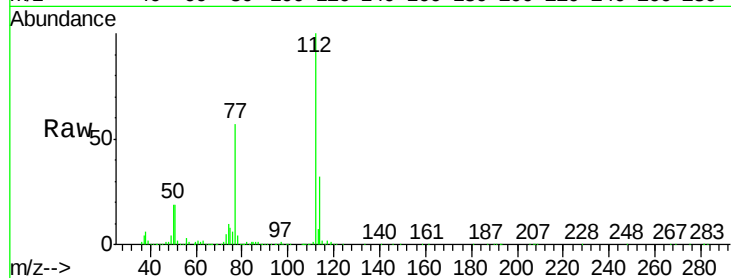
#65
Chlorobenzene
Concen: 50.095 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.9	25.7	38.5

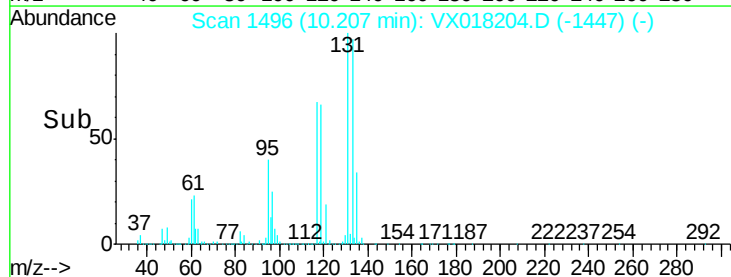
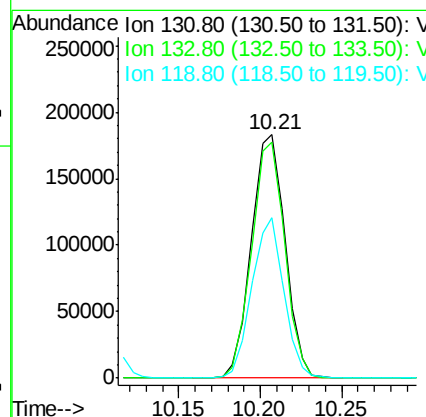
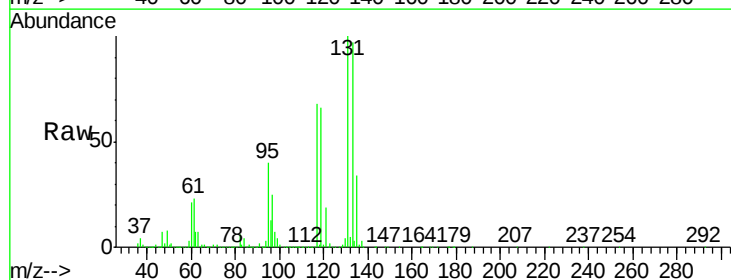
Manual Integrations
APPROVED

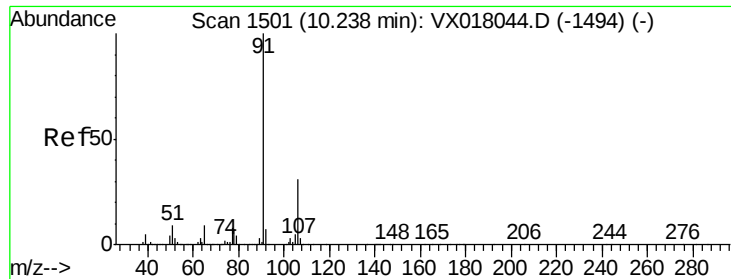
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.291 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.5	46.7	140.1
119	62.5	31.8	95.4





#67

Ethyl Benzene

Concen: 51.932 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018204.D

Acq: 01 Sep 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1135087

Ion Ratio Lower Upper

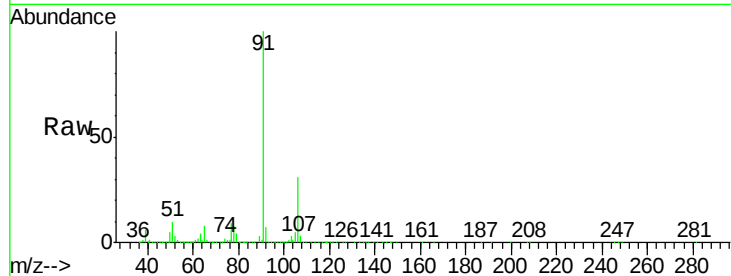
91 100

106 30.8 24.9 37.3

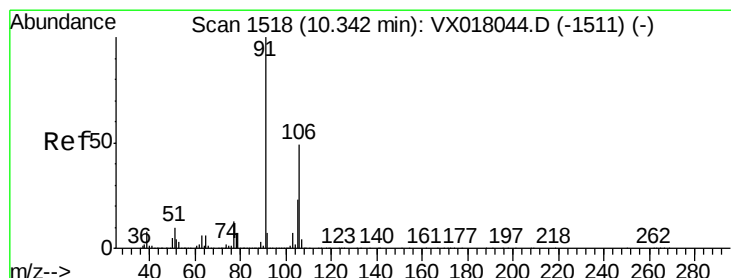
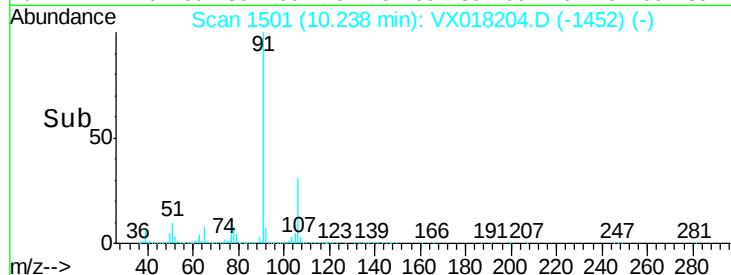
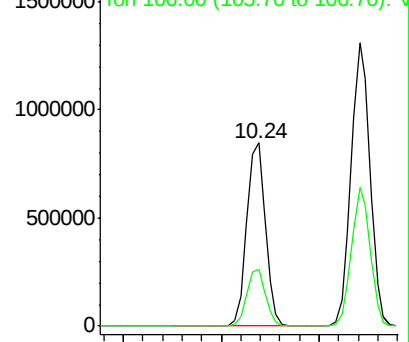
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX018204.D (-1494) (-)



#68

m/p-Xylenes

Concen: 104.834 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018204.D

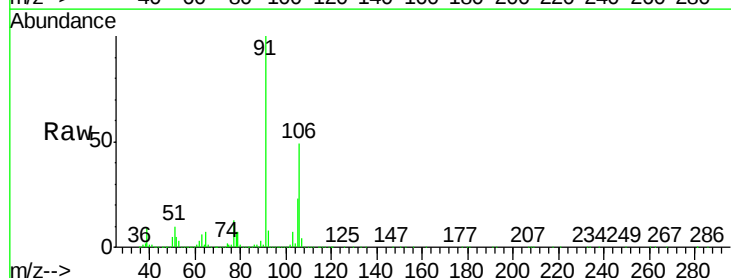
Acq: 01 Sep 2020 19:51

Tgt Ion: 106 Resp: 855246

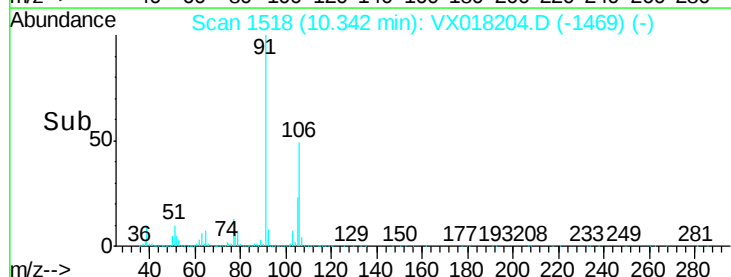
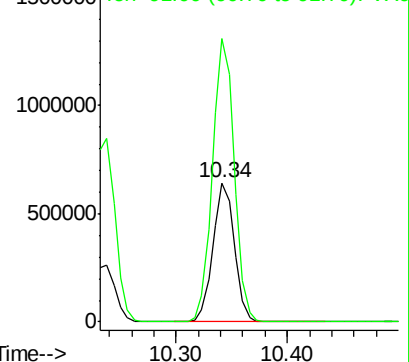
Ion Ratio Lower Upper

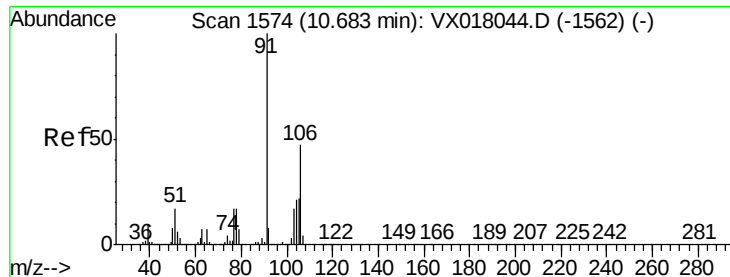
106 100

91 206.5 162.2 243.2



Abundance Ion 106.00 (105.70 to 106.70): VX018204.D (-1469) (-)





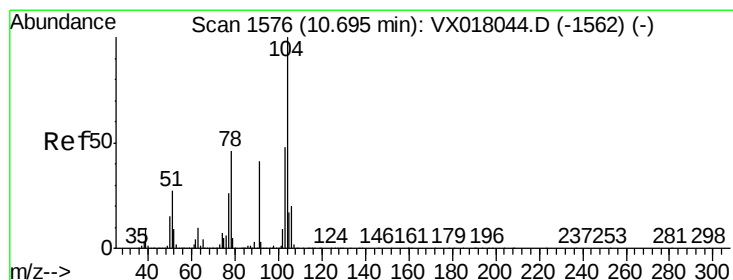
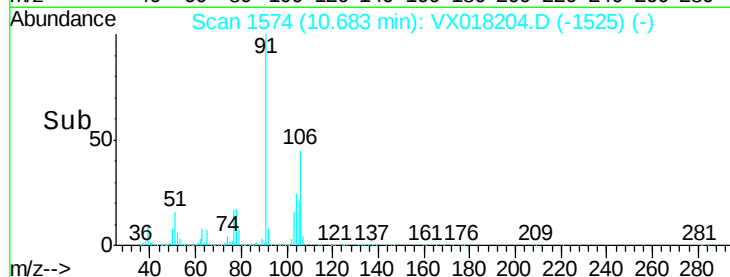
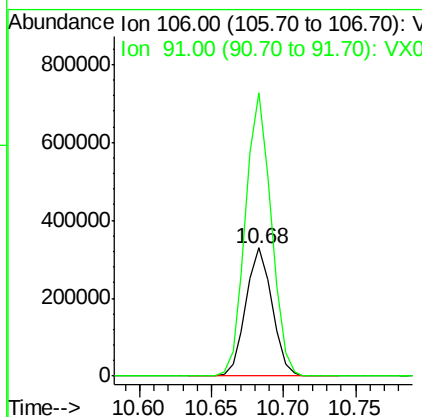
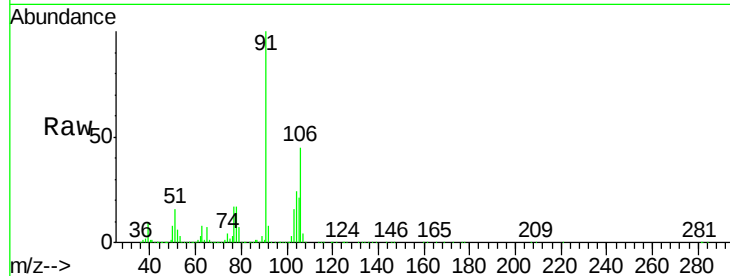
#69
o-Xylene
Concen: 52.243 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	217.1	107.1	321.3		

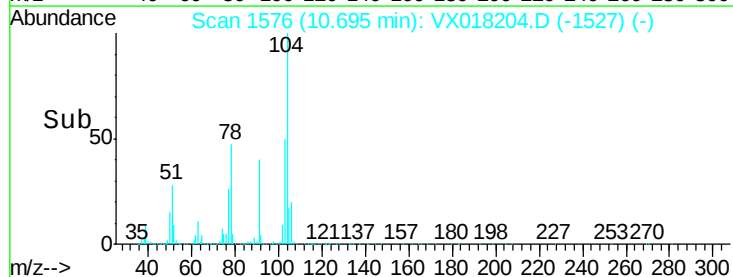
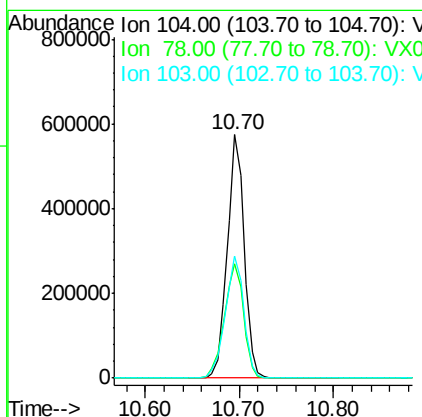
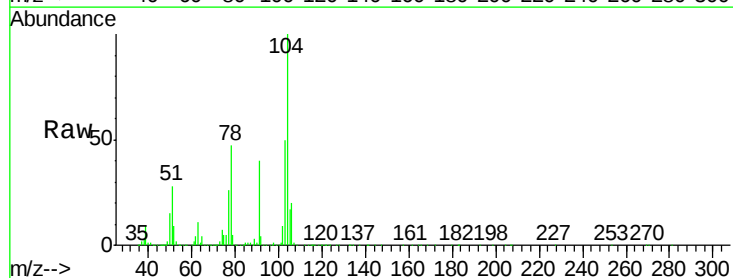
Manual Integrations
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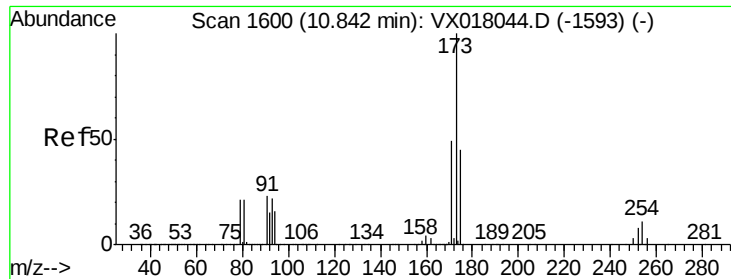
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#70
Styrene
Concen: 53.344 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	53.3	40.9	61.3		
103	55.2	43.6	65.4		





#71

Bromoform

Concen: 55.348 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018204.D

Acq: 01 Sep 2020 19:51

Instrument :

MSVOA_X

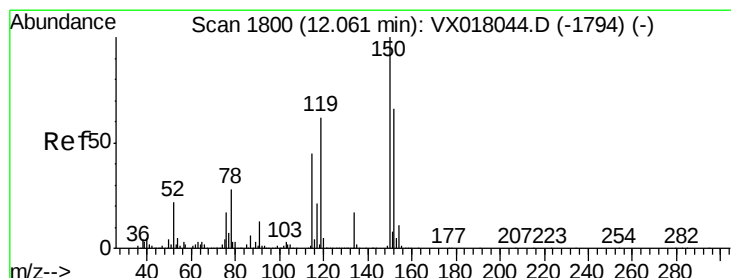
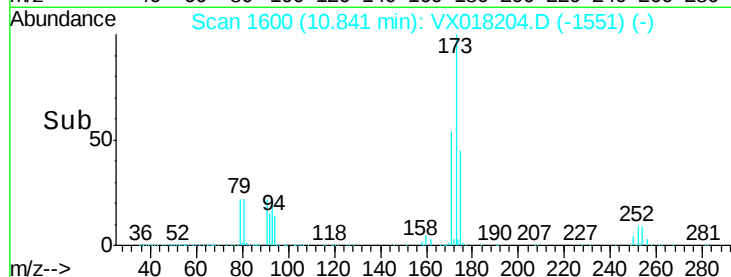
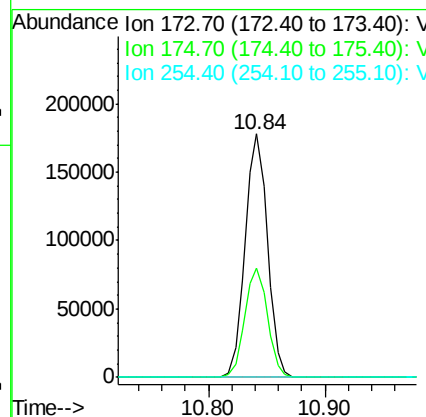
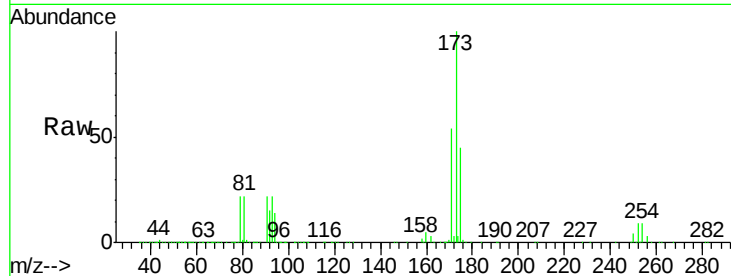
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	239145
Ion Ratio	Lower	Upper	
173	100		
175	45.9	23.9	71.8
254	0.1	0.2	0.2#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

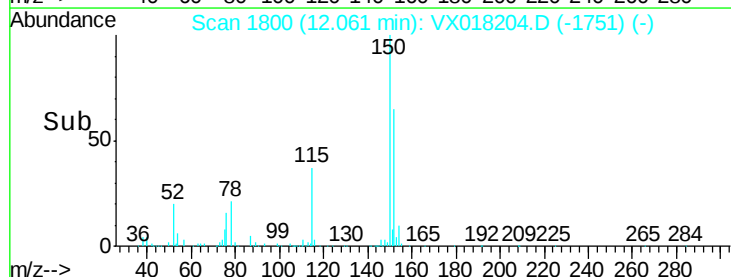
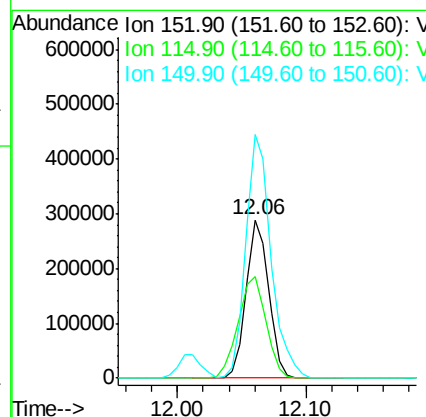
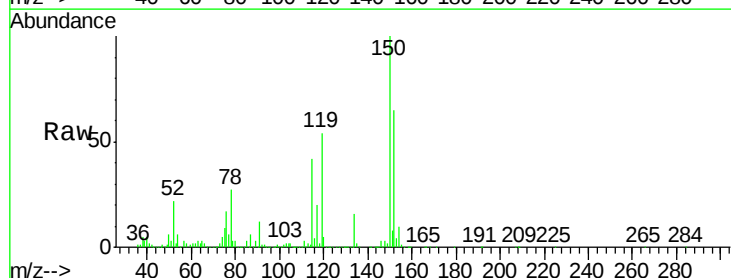
RT: 12.06 min Scan# 1800

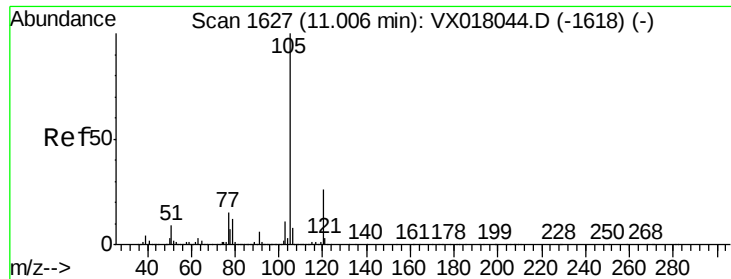
Delta R.T. -0.00 min

Lab File: VX018204.D

Acq: 01 Sep 2020 19:51

Tgt Ion:	152	Resp:	347630
Ion Ratio	Lower	Upper	
152	100		
115	80.2	41.5	124.5
150	171.9	0.0	343.8





#73

Isopropylbenzene

Concen: 49.889 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018204.D

Acq: 01 Sep 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 1143956

Ion Ratio Lower Upper

105 100

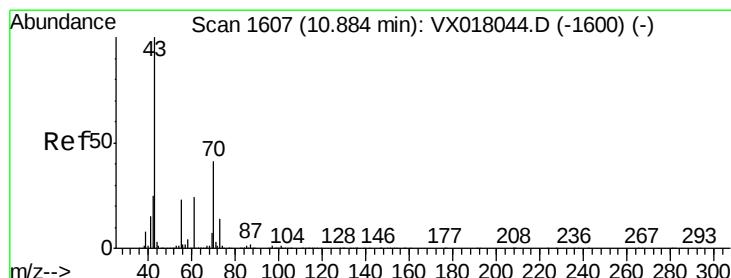
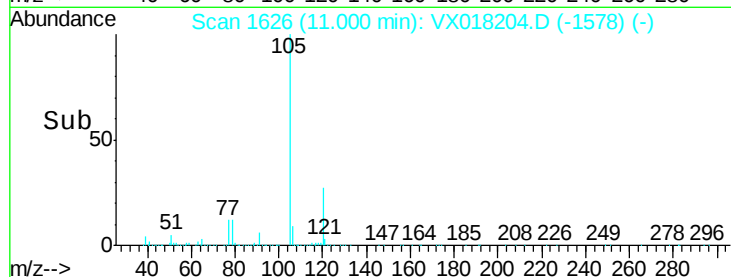
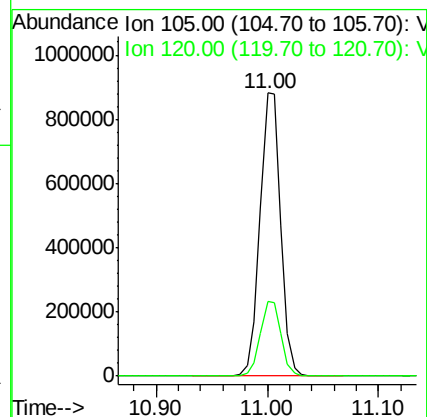
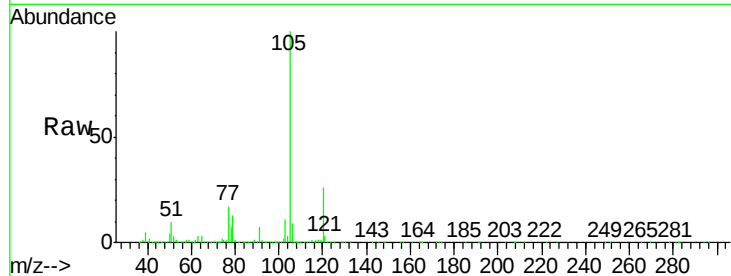
120 26.5 13.2 39.5

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#74

N-ethyl acetate

Concen: 47.429 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018204.D

Acq: 01 Sep 2020 19:51

Tgt Ion: 43 Resp: 516010

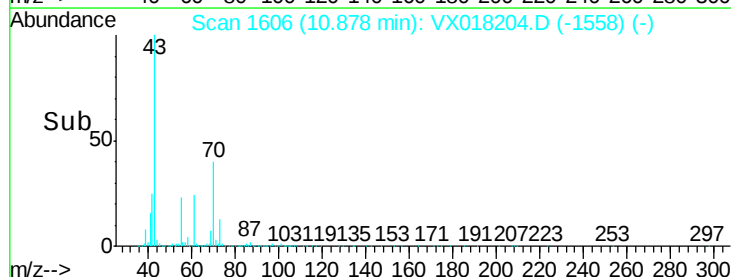
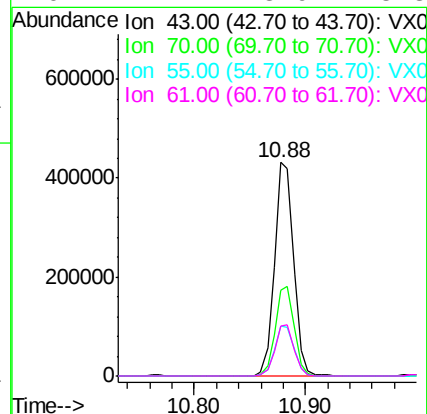
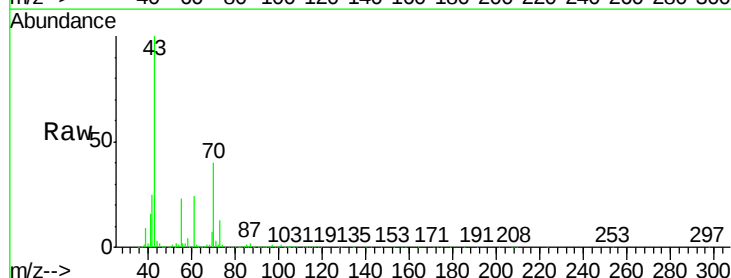
Ion Ratio Lower Upper

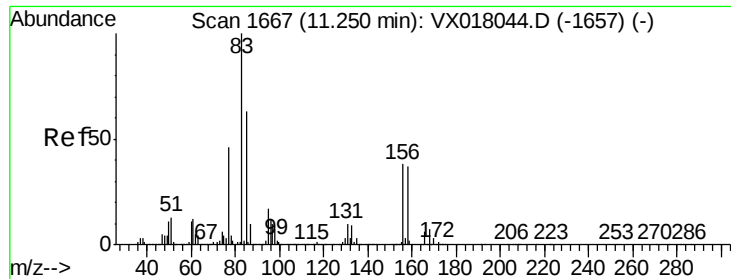
43 100

70 41.4 32.3 48.5

55 23.7 18.2 27.2

61 24.2 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 45.913 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018204.D

Acq: 01 Sep 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 371387

Ion Ratio Lower Upper

83 100

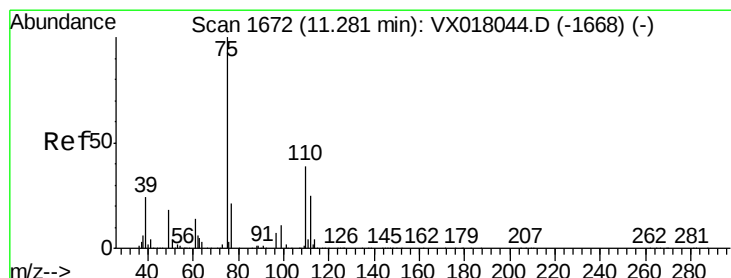
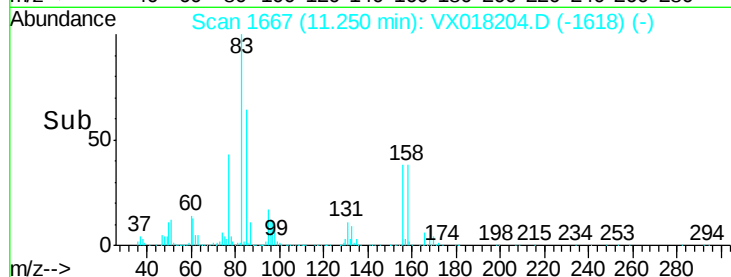
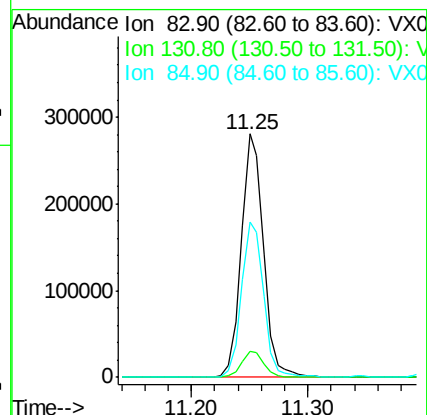
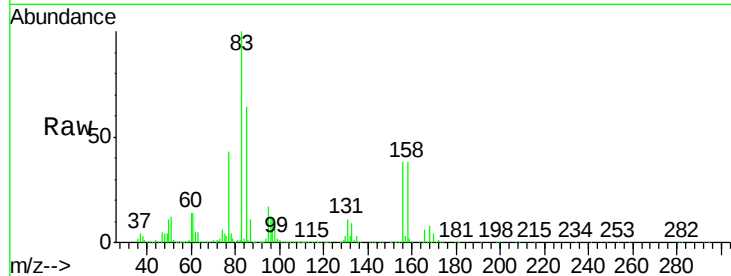
131 10.9 5.1 15.4

85 64.1 32.2 96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 45.269 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018204.D

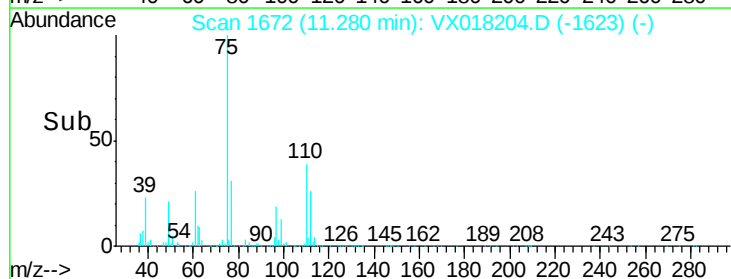
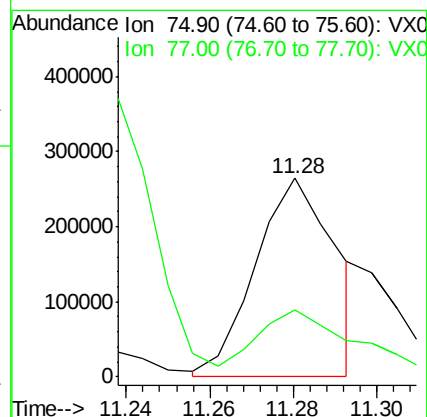
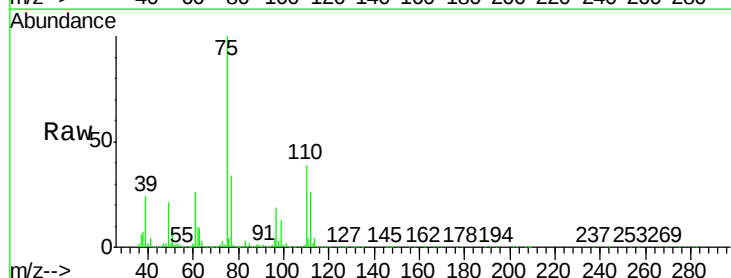
Acq: 01 Sep 2020 19:51

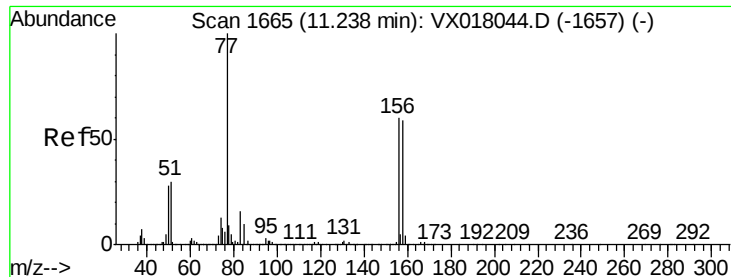
Tgt Ion: 75 Resp: 350073

Ion Ratio Lower Upper

75 100

77 42.2 20.8 62.2





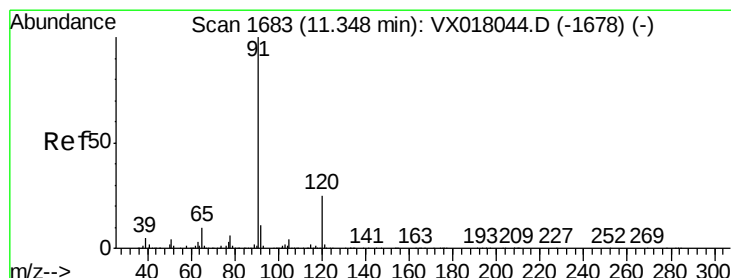
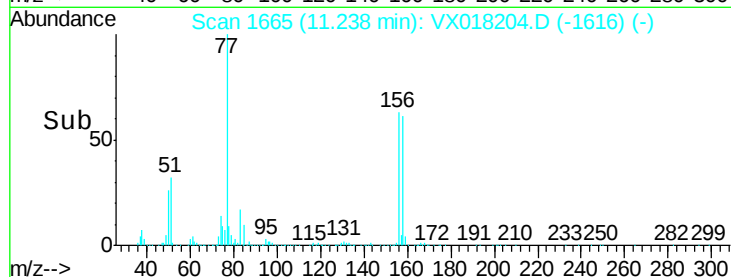
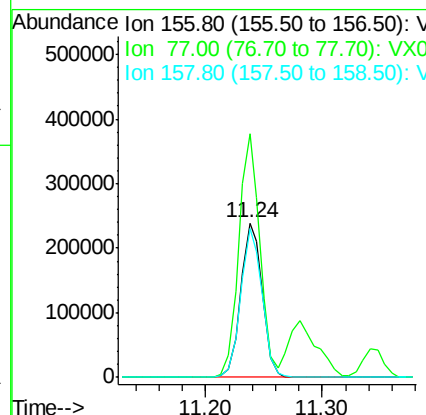
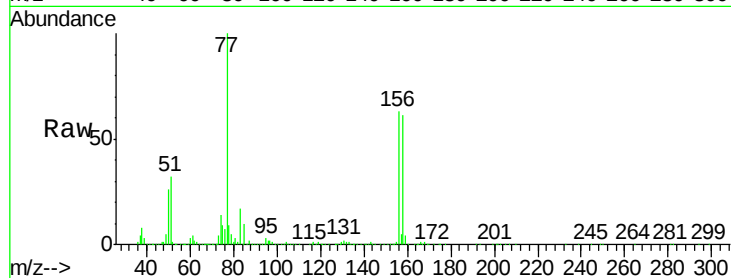
#77
Bromobenzene
Concen: 48.309 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	154.7	80.0	240.2
158	95.8	49.5	148.7

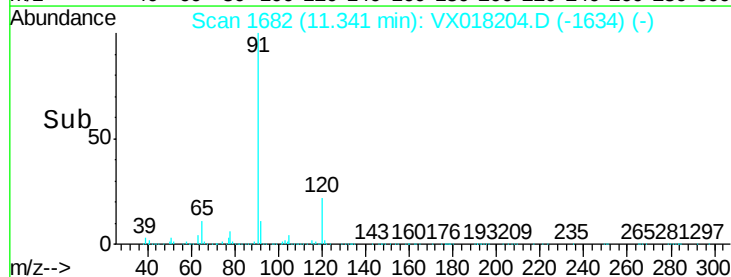
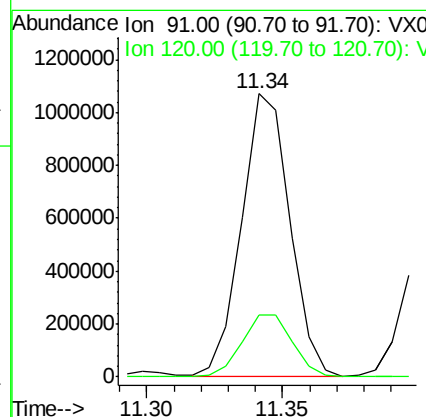
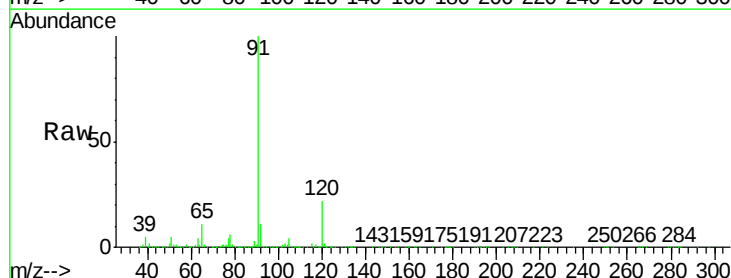
Manual Integrations
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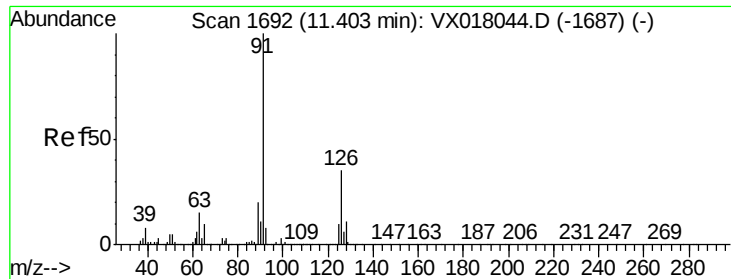
MMDadoda
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#78
n-propylbenzene
Concen: 50.273 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.9	35.9





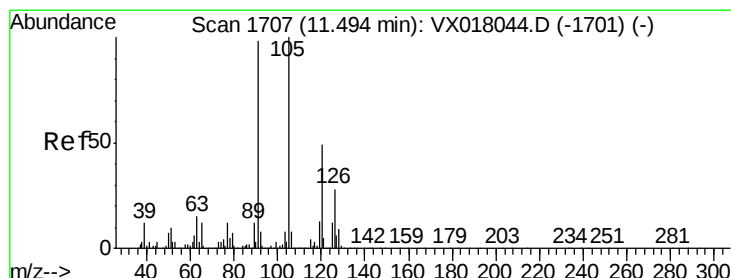
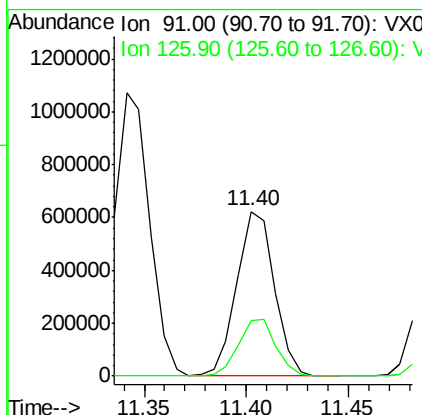
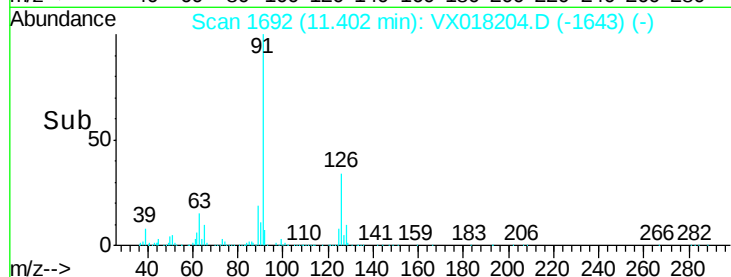
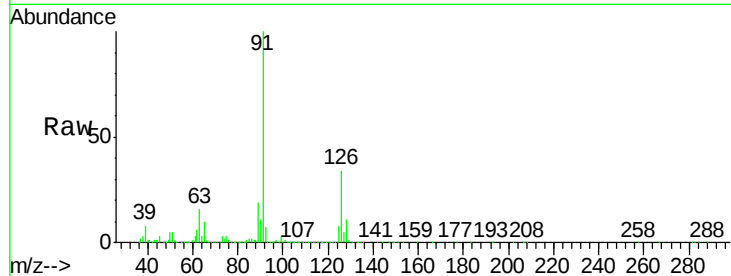
#79
 2-Chlorotoluene
 Concen: 49.405 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX018204.D
 Acq: 01 Sep 2020 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
91	100			
126	34.8	17.4	52.2	

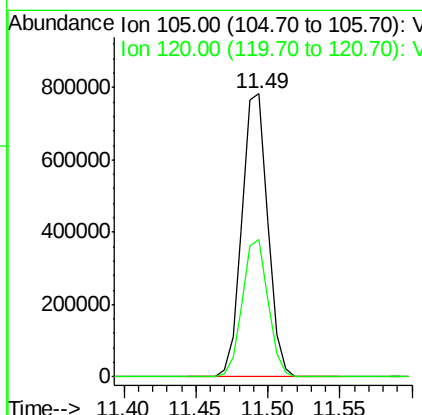
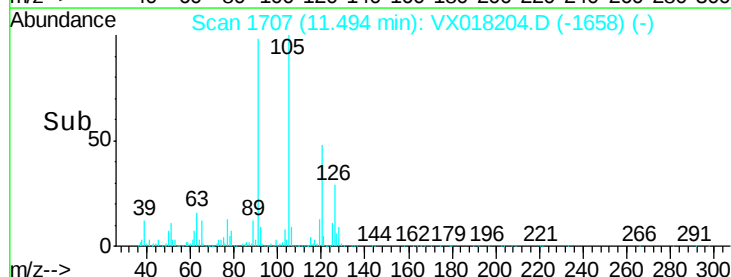
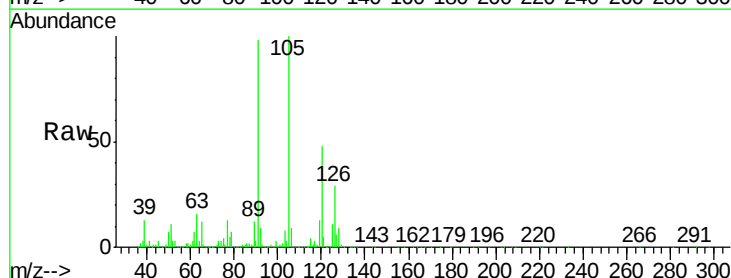
Manual Integrations
 APPROVED

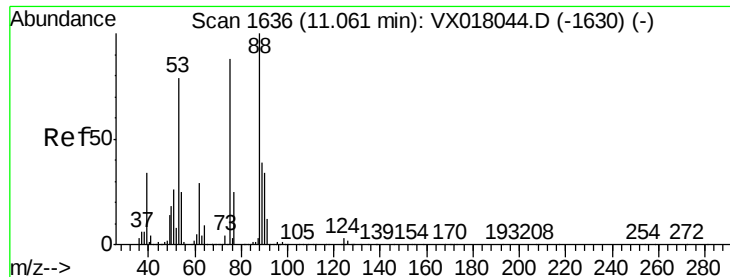
MMDadoda
 9/2/2020 2:23:09 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 51.589 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX018204.D
 Acq: 01 Sep 2020 19:51

Tgt Ion	Ion	Ratio	Lower	Upper
105	100			
120	48.3	24.1	72.2	





#81

trans-1,4-Dichloro-2-butene

Concen: 45.923 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX018204.D

Acq: 01 Sep 2020 19:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 131489

Ion Ratio Lower Upper

75 100

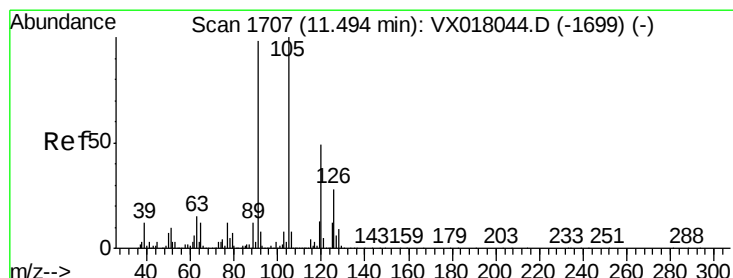
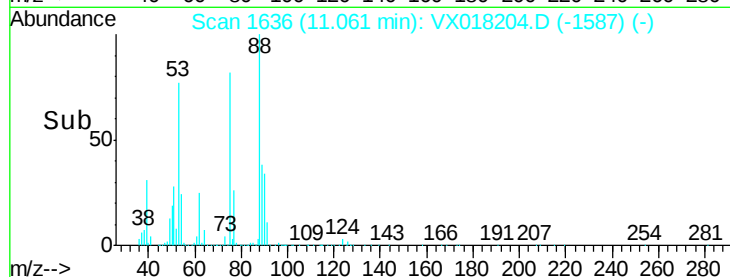
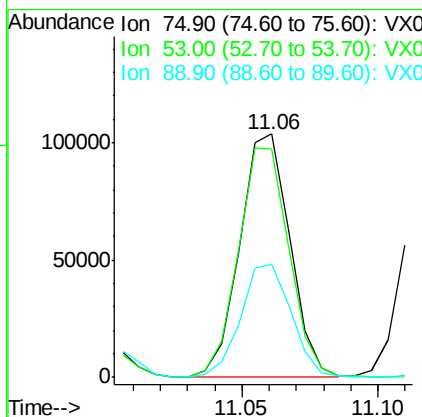
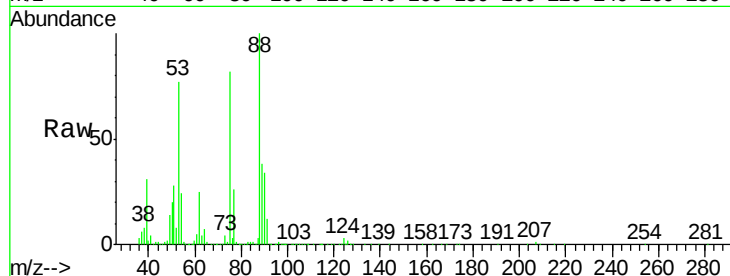
53 96.1 74.7 112.1

89 47.4 36.6 54.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.028 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018204.D

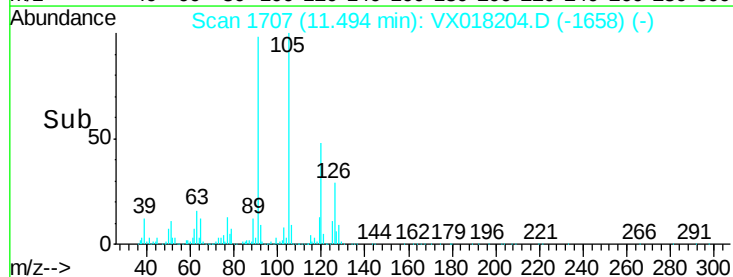
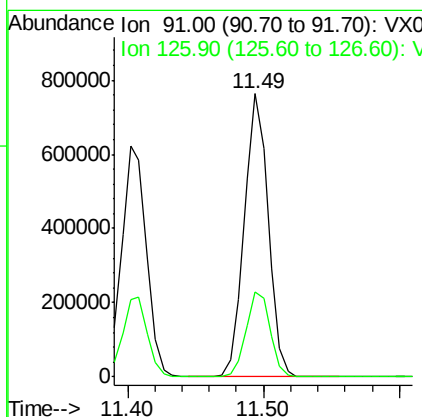
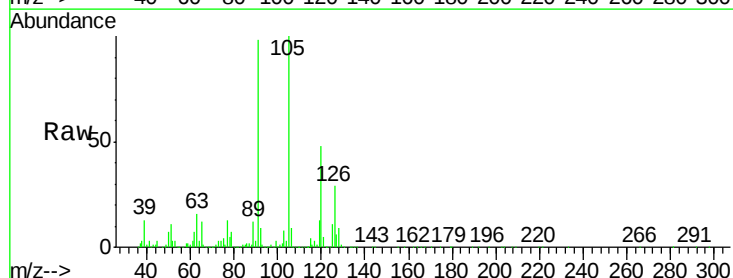
Acq: 01 Sep 2020 19:51

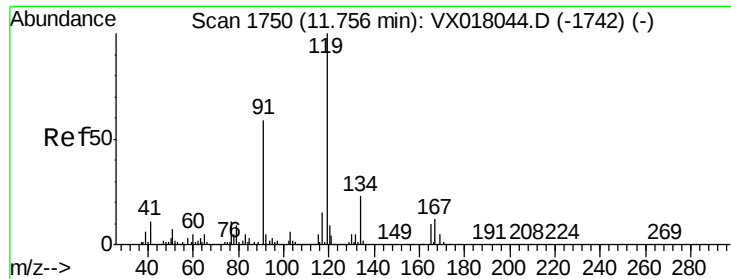
Tgt Ion: 91 Resp: 937549

Ion Ratio Lower Upper

91 100

126 30.4 15.1 45.3





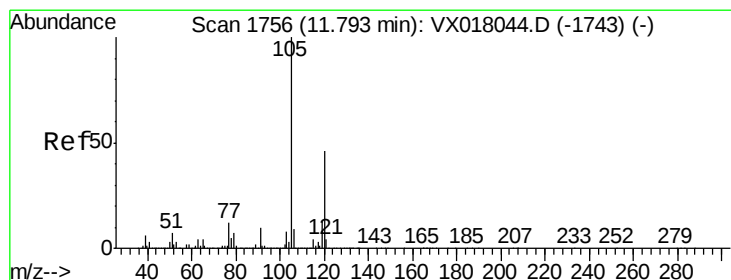
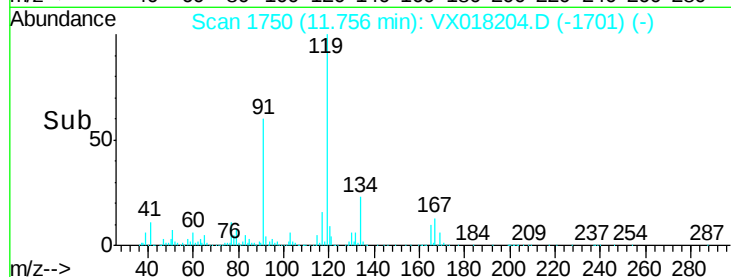
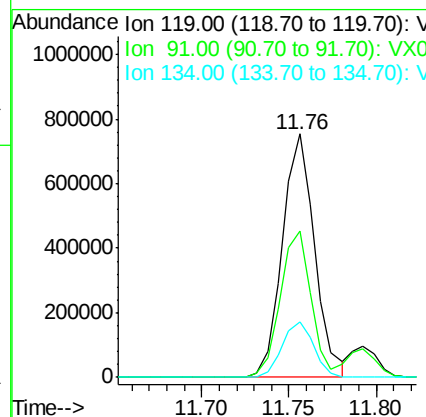
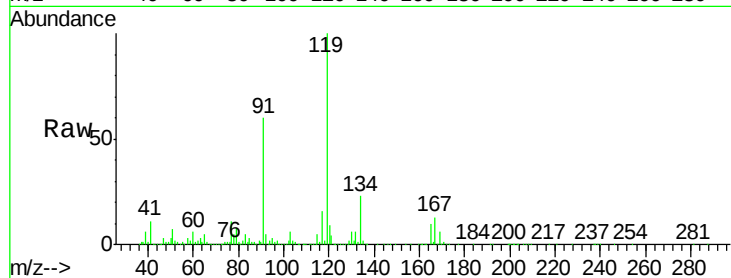
#83
tert-Butylbenzene
Concen: 52.121 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	969208		
91	57.2	28.2	84.7	
134	22.3	11.3	33.8	

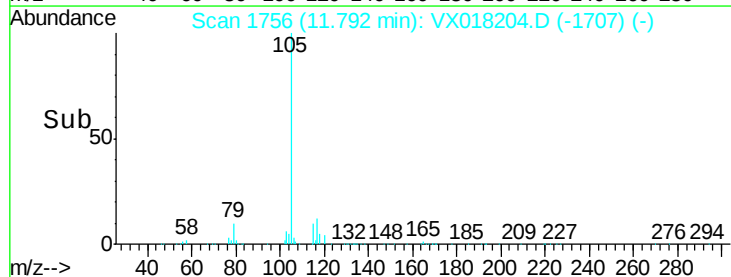
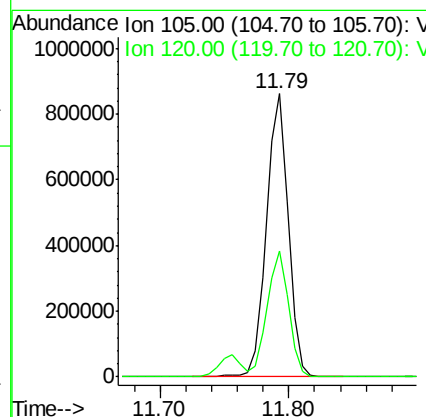
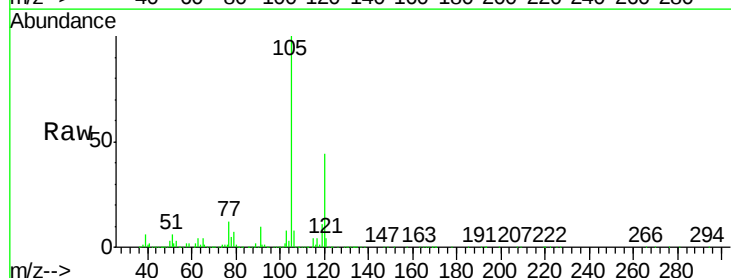
Manual Integrations
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#84
1,2,4-Trimethylbenzene
Concen: 52.215 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	1005908		
120	44.0	22.3	66.9	





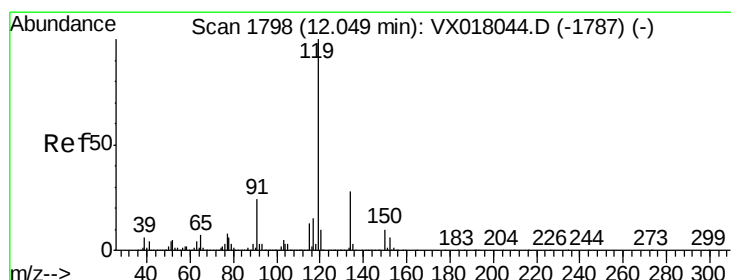
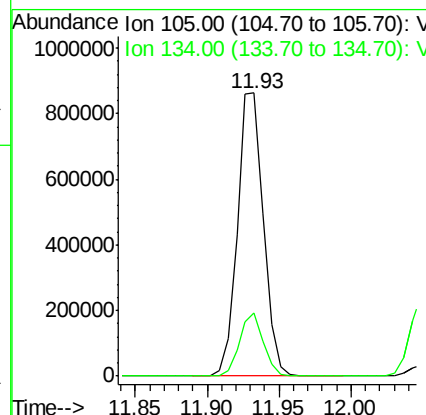
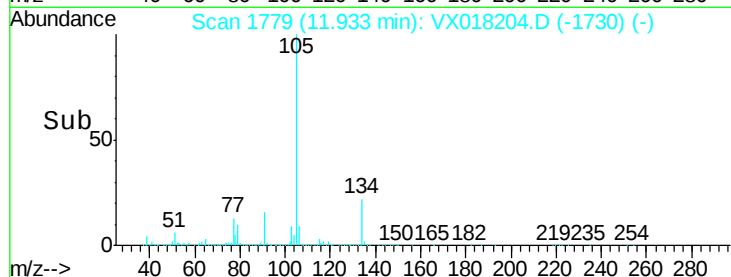
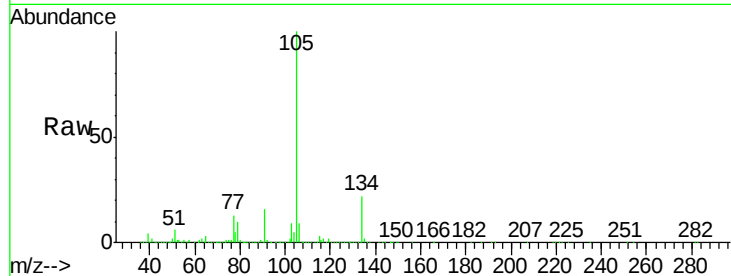
#85
 sec-Butylbenzene
 Concen: 51.404 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018204.D
 Acq: 01 Sep 2020 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.7	10.1	30.3

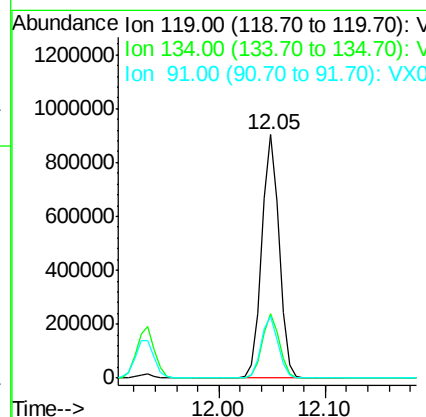
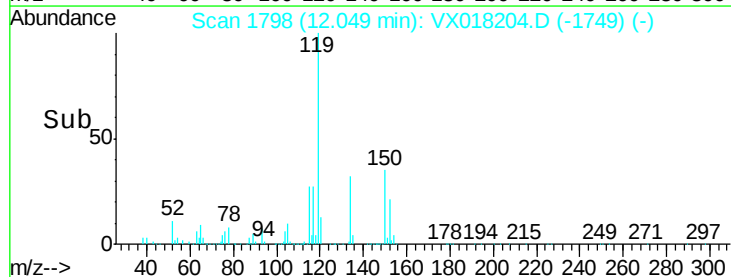
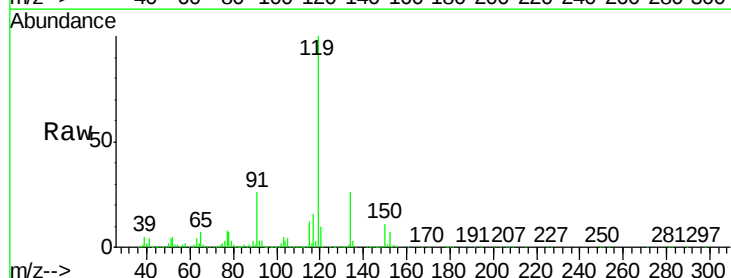
Manual Integrations
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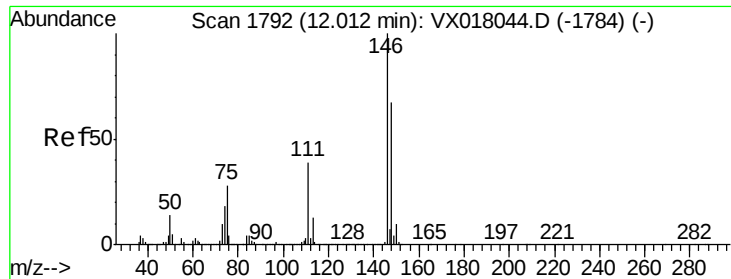
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#86
 p-Isopropyltoluene
 Concen: 53.156 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018204.D
 Acq: 01 Sep 2020 19:51

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	13.2	39.5
91	24.9	11.8	35.4





#87

1,3-Dichlorobenzene

Concen: 47.187 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018204.D

Acq: 01 Sep 2020 19:51

Instrument :

MSVOA_X

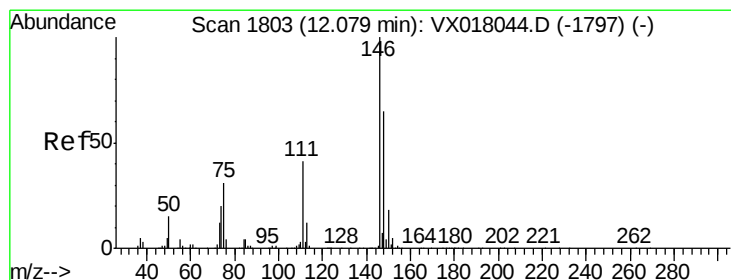
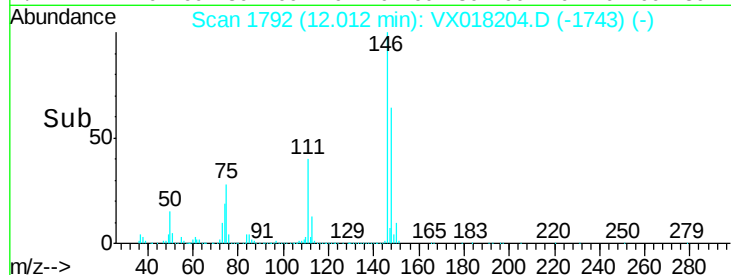
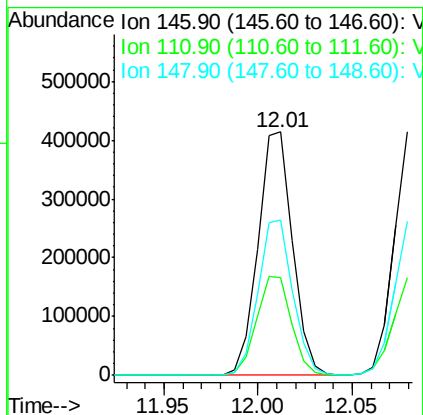
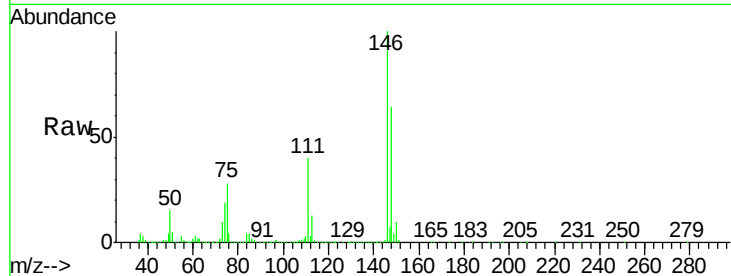
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	525112
Ion Ratio	Lower	Upper	
146	100		
111	41.1	20.6	61.8
148	63.9	33.1	99.2

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 47.773 ug/l

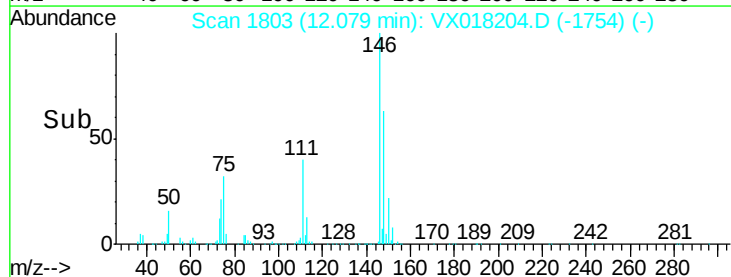
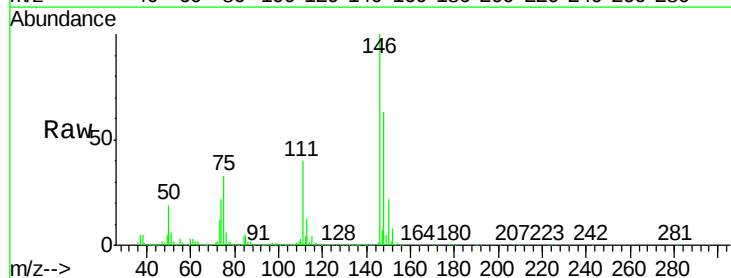
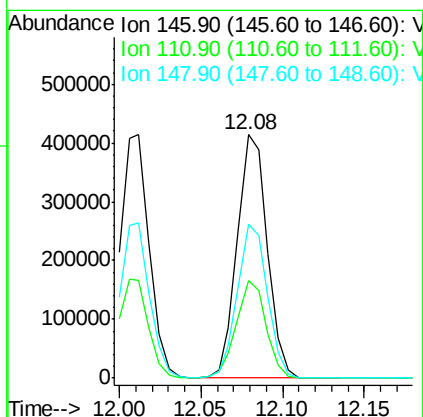
RT: 12.08 min Scan# 1803

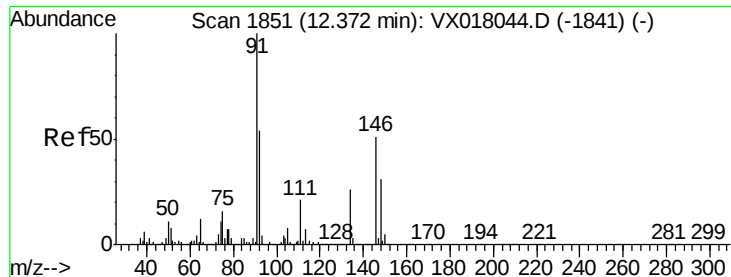
Delta R.T. -0.00 min

Lab File: VX018204.D

Acq: 01 Sep 2020 19:51

Tgt Ion:	146	Resp:	532304
Ion Ratio	Lower	Upper	
146	100		
111	39.9	20.3	60.8
148	63.3	33.1	99.2





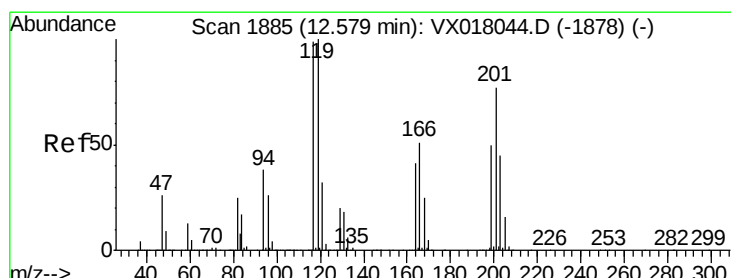
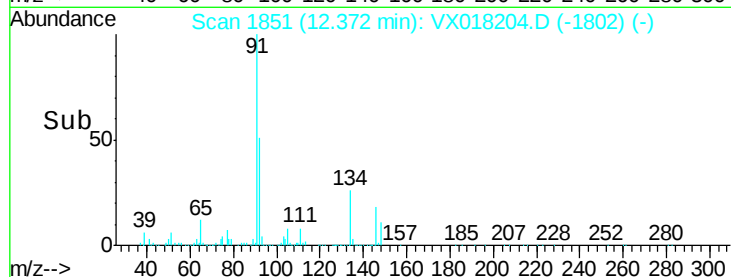
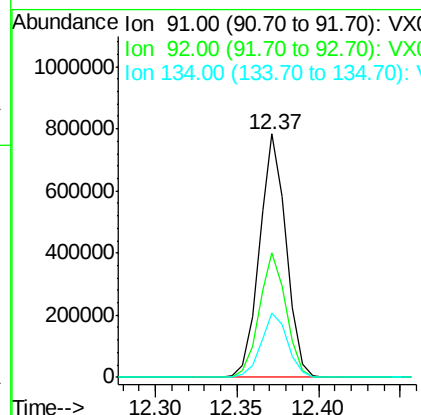
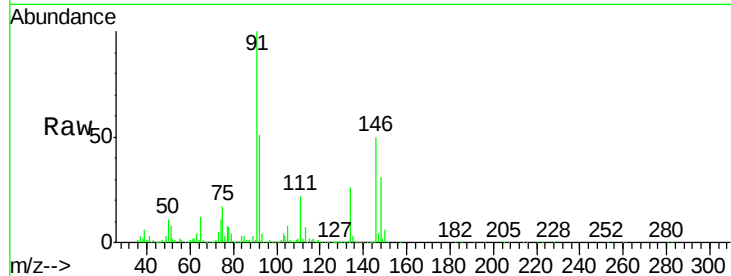
#89
n-Butylbenzene
Concen: 49.788 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.4	79.2
134	26.4	12.9	38.7

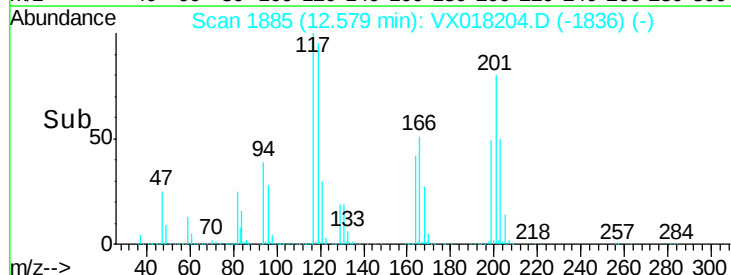
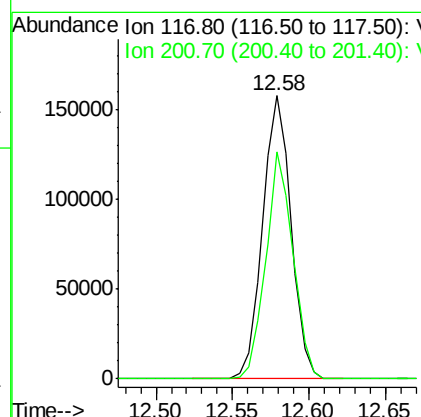
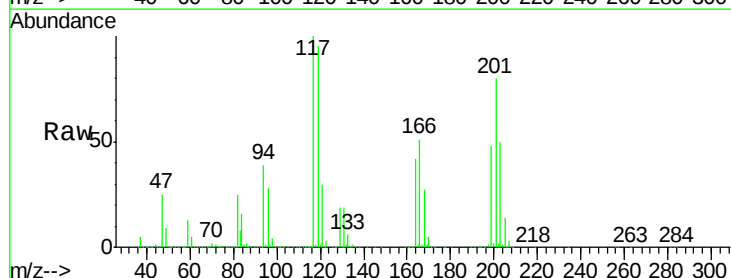
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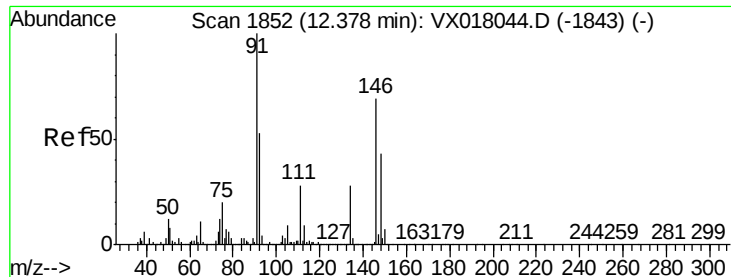
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#90
Hexachloroethane
Concen: 53.477 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.9	38.5	115.3





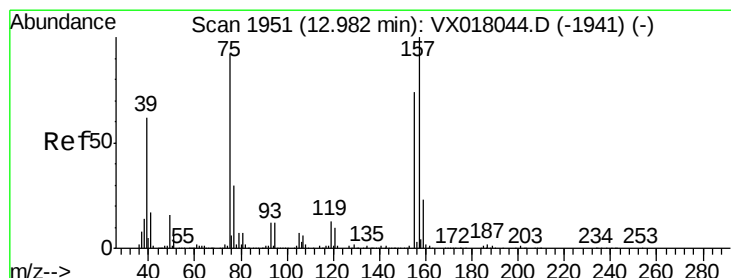
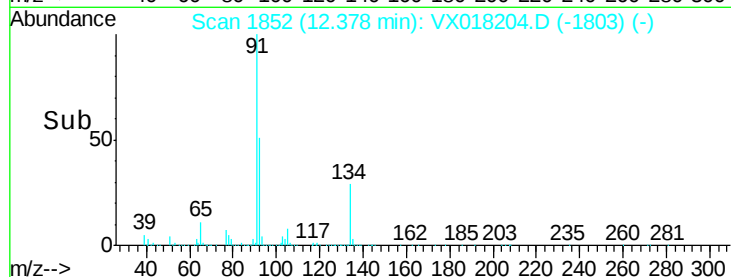
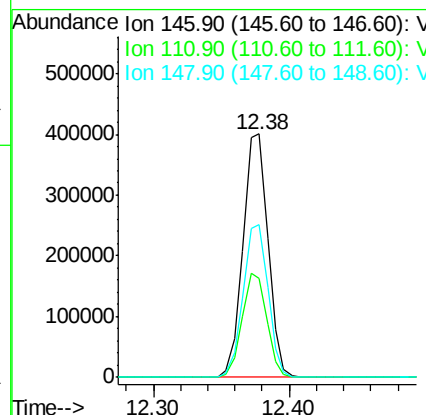
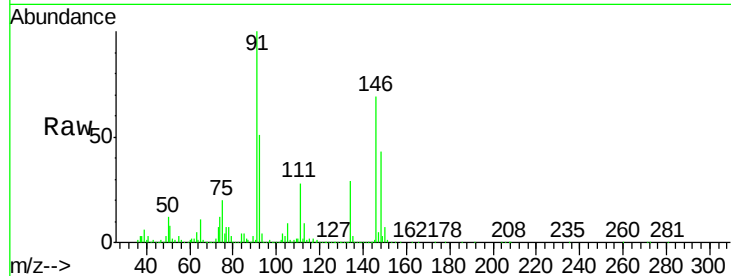
#91
 1,2-Dichlorobenzene
 Concen: 49.028 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018204.D
 Acq: 01 Sep 2020 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	513587		
111	42.3	20.8	62.5	
148	62.9	31.6	95.0	

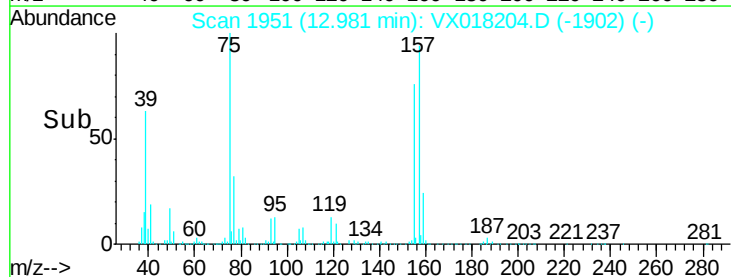
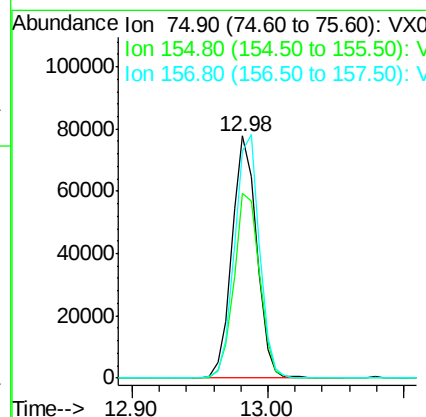
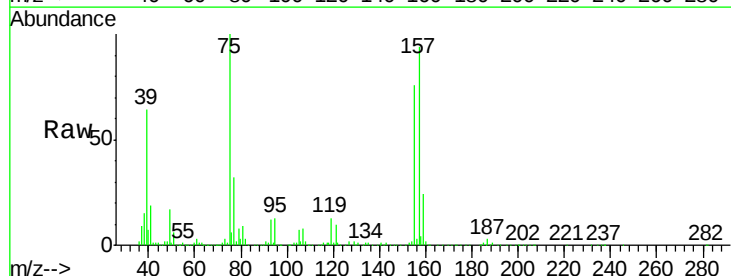
Manual Integrations
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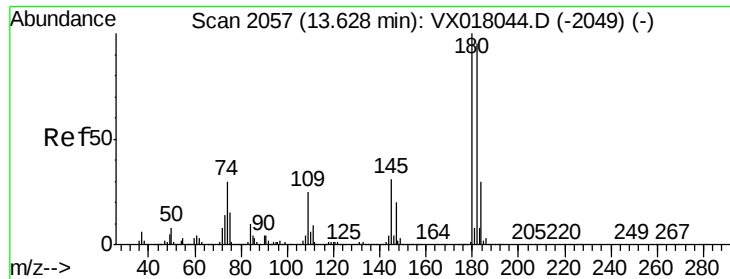
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.545 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018204.D
 Acq: 01 Sep 2020 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	98184		
155	78.9	40.2	120.6	
157	100.5	55.0	165.2	





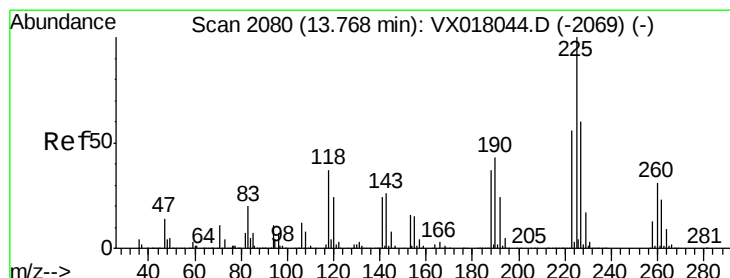
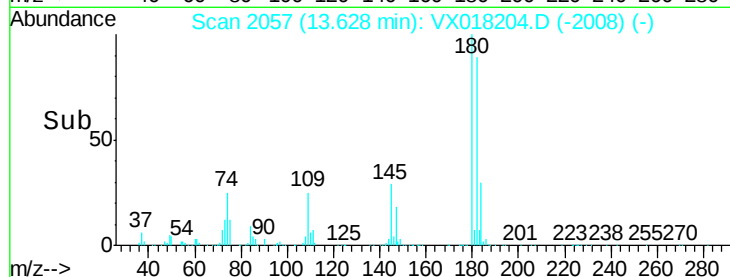
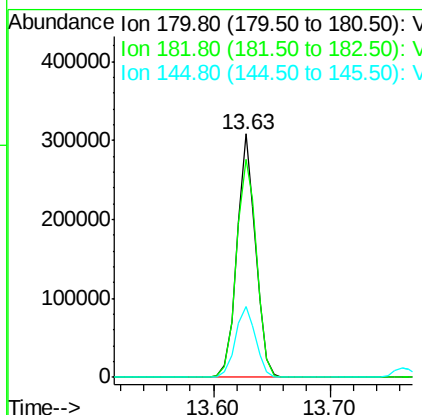
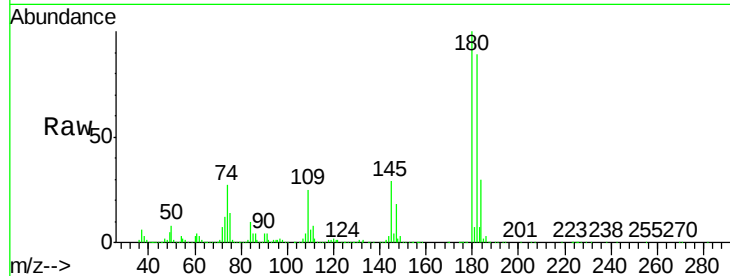
#93
 1,2,4-Trichlorobenzene
 Concen: 49.041 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018204.D
 Acq: 01 Sep 2020 19:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	342564		
182	96.9	47.5	142.6	
145	31.7	15.7	47.1	

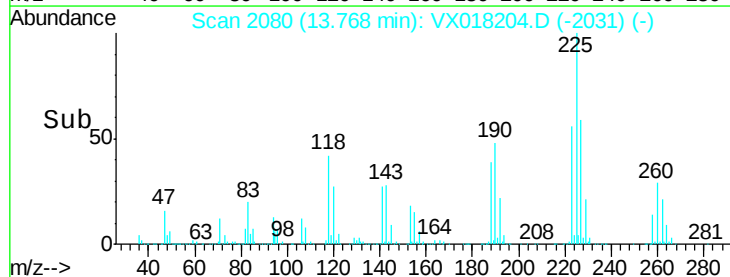
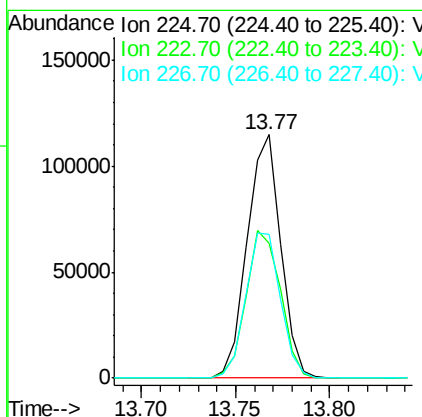
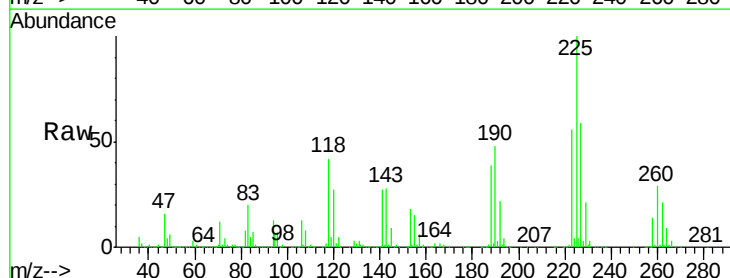
Manual Integrations
 APPROVED

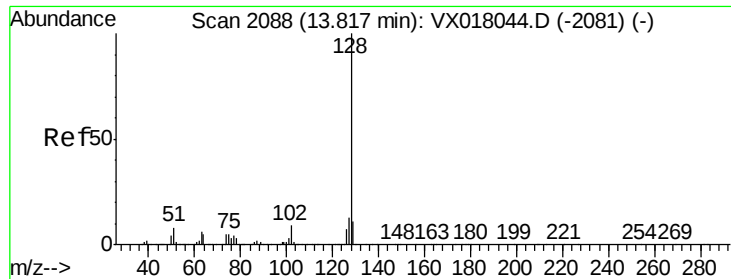
MMDadoda
 9/2/2020 2:23:09 PM



#94
 Hexachlorobutadiene
 Concen: 51.407 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018204.D
 Acq: 01 Sep 2020 19:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	141637		
223	62.5	30.7	92.1	
227	62.0	32.6	97.8	





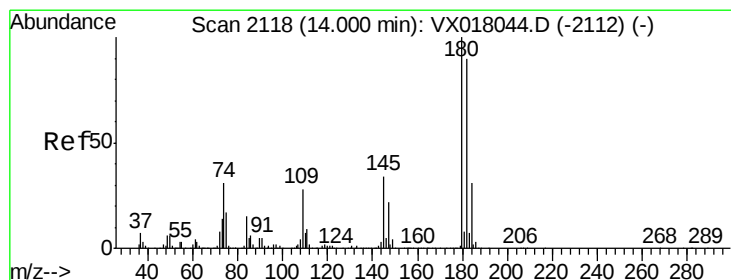
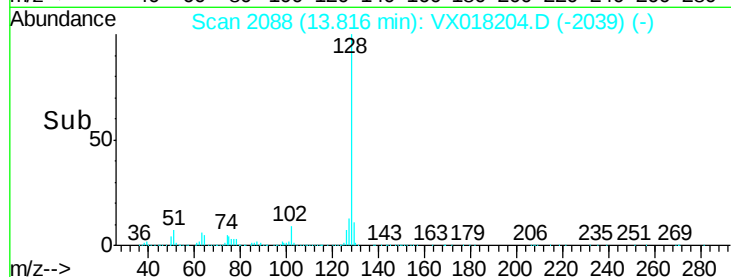
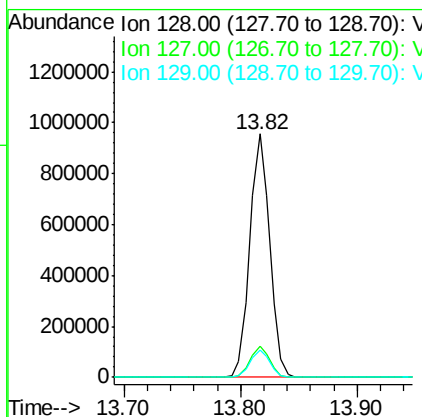
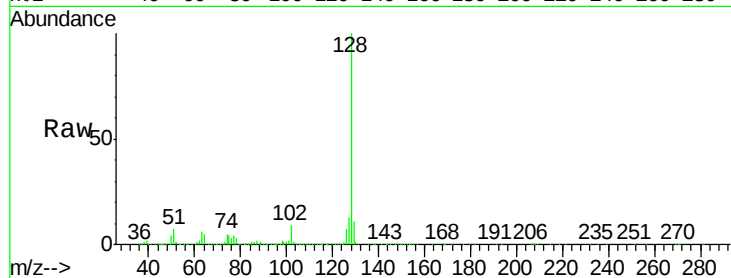
#95
Naphthalene
Concen: 49.775 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.2
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/2/2020 2:23:09 PM



#96
1,2,3-Trichlorobenzene
Concen: 48.996 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018204.D
Acq: 01 Sep 2020 19:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.3	142.0
145	34.3	17.5	52.6

