

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO090920\
 Data File : VX018310.D
 Acq On : 09 Sep 2020 10:04
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/10/2020 4:03:12 PM

Quant Time: Sep 09 15:13:16 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	5.62	168	434251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	641054	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	616761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	351329	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	284927	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	
35) Dibromofluoromethane	5.46	113	226553	51.89	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	103.78%	
50) Toluene-d8	8.70	98	790580	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
62) 4-Bromofluorobenzene	11.12	95	324119	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	248297	46.963	ug/l	100
3) Chloromethane	1.31	50	229418	41.158	ug/l	100
4) Vinyl Chloride	1.39	62	238326	42.951	ug/l	99
5) Bromomethane	1.62	94	145642	54.418	ug/l	99
6) Chloroethane	1.70	64	140426	47.119	ug/l	97
7) Trichlorofluoromethane	1.91	101	399722	52.831	ug/l	94
8) Diethyl Ether	2.17	74	124924	48.686	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	210387	51.434	ug/l	98
10) Methyl Iodide	2.49	142	206898	47.564	ug/l	98
11) Tert butyl alcohol	3.01	59	249029	212.453	ug/l	99
12) 1,1-Dichloroethene	2.35	96	193729	45.651	ug/l	92
13) Acrolein	2.27	56	49679	102.214	ug/l	93
14) Allyl chloride	2.70	41	359543	47.157	ug/l	97
15) Acrylonitrile	3.11	53	576174	216.695	ug/l	99
16) Acetone	2.42	43	561074	238.849	ug/l	95
17) Carbon Disulfide	2.55	76	537175	41.873	ug/l	99
18) Methyl Acetate	2.75	43	286300	50.506	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	716056	49.201	ug/l	98
20) Methylene Chloride	2.83	84	225868	46.954	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	219759	46.741	ug/l	98
22) Diisopropyl ether	3.82	45	717820	47.702	ug/l	99
23) Vinyl Acetate	3.78	43	3134706	234.108	ug/l	99
24) 1,1-Dichloroethane	3.67	63	398984	46.577	ug/l	97
25) 2-Butanone	4.63	43	833373	215.865	ug/l	98
26) 2,2-Dichloropropane	4.54	77	392814	56.360	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	247031	45.602	ug/l	99
28) Bromochloromethane	4.97	49	187350	45.310	ug/l	97
29) Tetrahydrofuran	5.09	42	509501	207.317	ug/l	97
30) Chloroform	5.17	83	428566	48.317	ug/l	98
31) Cyclohexane	5.54	56	330443	45.795	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	403775	49.606	ug/l	99
36) 1,1-Dichloropropene	5.76	75	310810	52.566	ug/l	99
37) Ethyl Acetate	4.79	43	314725	45.829	ug/l	99
38) Carbon Tetrachloride	5.75	117	379103	56.893	ug/l	97

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 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)
39) Methylcyclohexane	7.43	83	351405	54.352	ug/l	98
40) Benzene	6.11	78	874581	50.339	ug/l	99
41) Methacrylonitrile	5.00	41	177908	47.182	ug/l	99
42) 1,2-Dichloroethane	6.16	62	361181	54.259	ug/l	97
43) Isopropyl Acetate	6.41	43	530668	47.843	ug/l	100
44) Trichloroethene	7.18	130	254048	51.750	ug/l	95
45) 1,2-Dichloropropane	7.49	63	234622	50.105	ug/l	99
46) Dibromomethane	7.63	93	168310	51.114	ug/l	97
47) Bromodichloromethane	7.87	83	347966	52.924	ug/l	98
48) Methyl methacrylate	7.74	41	263492	47.720	ug/l	98
49) 1,4-Dioxane	7.71	88	96498	964.786	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1640226	239.393	ug/l	100
52) Toluene	8.76	92	559418	50.779	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	387031	53.113	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	399964	51.814	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	237428	50.532	ug/l	97
56) Ethyl methacrylate	9.16	69	353028	50.541	ug/l	98
57) 1,3-Dichloropropane	9.35	76	381241	49.195	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	977169	310.988	ug/l	99
59) 2-Hexanone	9.47	43	1283292	246.320	ug/l	99
60) Dibromochloromethane	9.56	129	292654	53.095	ug/l	99
61) 1,2-Dibromoethane	9.65	107	250013	49.012	ug/l	100
64) Tetrachloroethene	9.32	164	237268	52.350	ug/l	94
65) Chlorobenzene	10.12	112	628259	51.003	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	260629	53.683	ug/l	99
67) Ethyl Benzene	10.23	91	1115313	53.242	ug/l	99
68) m/p-Xylenes	10.34	106	825363	105.561	ug/l	94
69) o-Xylene	10.68	106	399978	52.771	ug/l	97
70) Styrene	10.70	104	695495	53.882	ug/l	97
71) Bromoform	10.84	173	221732	53.544	ug/l	100
73) Isopropylbenzene	11.00	105	1111677	47.971	ug/l	99
74) N-amyl acetate	10.88	43	474298	43.136	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	358011	43.793	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	344315m	44.056	ug/l	
77) Bromobenzene	11.24	156	295965	46.203	ug/l	97
78) n-propylbenzene	11.34	91	1288144	48.955	ug/l	100
79) 2-Chlorotoluene	11.40	91	771784	47.475	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	959031	50.360	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	129047	44.596	ug/l	94
82) 4-Chlorotoluene	11.49	91	939691	48.623	ug/l	100
83) tert-Butylbenzene	11.76	119	942297	50.140	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	998261	51.272	ug/l	99
85) sec-Butylbenzene	11.93	105	1106869	51.791	ug/l	100
86) p-Isopropyltoluene	12.05	119	1051512	53.563	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	544460	48.410	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	547674	48.635	ug/l	98
89) n-Butylbenzene	12.37	91	950479	53.047	ug/l	99
90) Hexachloroethane	12.58	117	206155	53.375	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	494900	46.747	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	12.98	75	89054	43.567	ug/l	97

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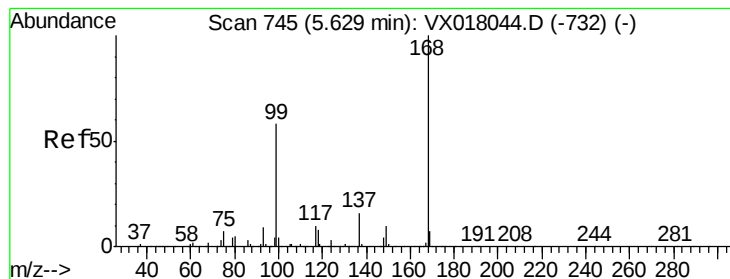
Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	354965	50.281	ug/l	99
94) Hexachlorobutadiene	13.77	225	157716	56.640	ug/l	98
95) Naphthalene	13.82	128	1108741	47.722	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	348782	50.001	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX018310.D

Acq: 09 Sep 2020 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 434251

Ion Ratio Lower Upper

168 100

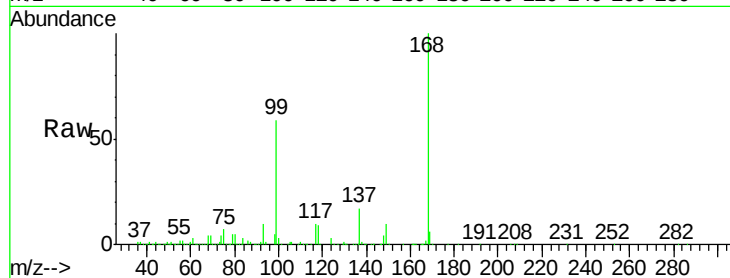
99 58.7 46.3 69.5

Manual Integrations

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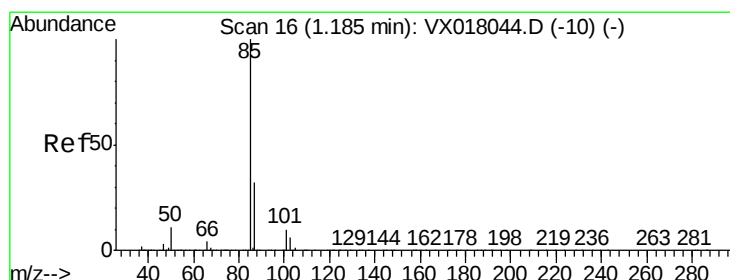
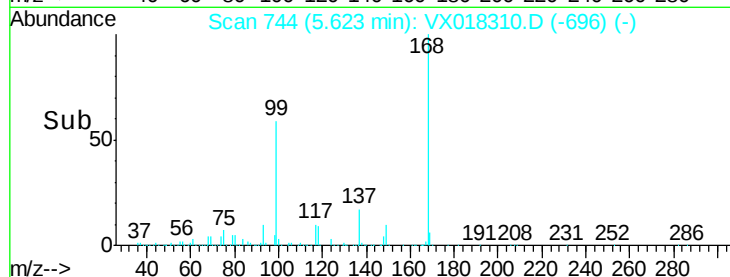
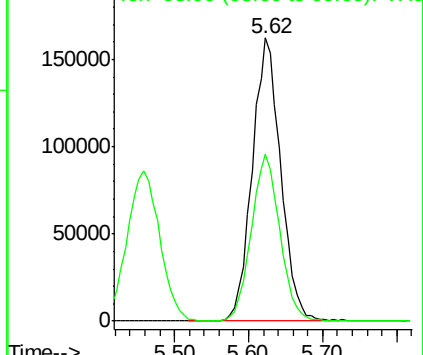
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 46.963 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018310.D

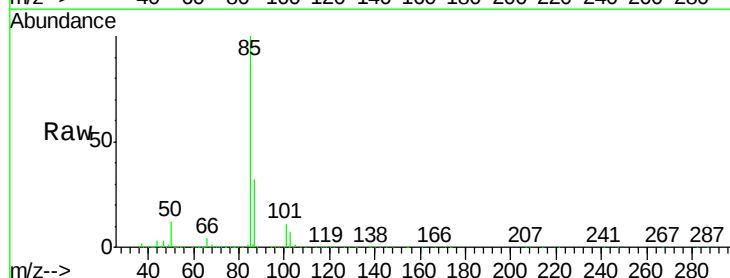
Acq: 09 Sep 2020 10:04

Tgt Ion: 85 Resp: 248297

Ion Ratio Lower Upper

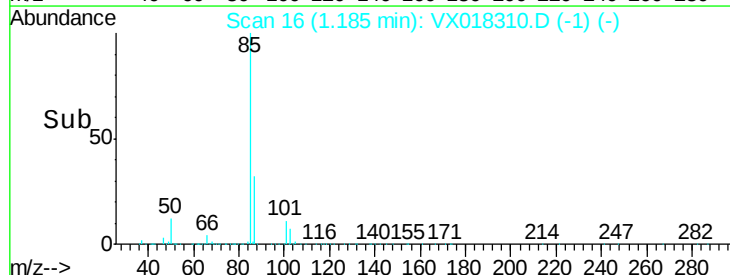
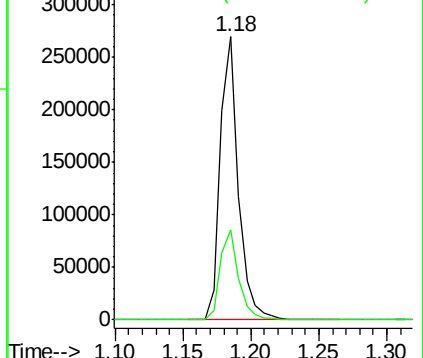
85 100

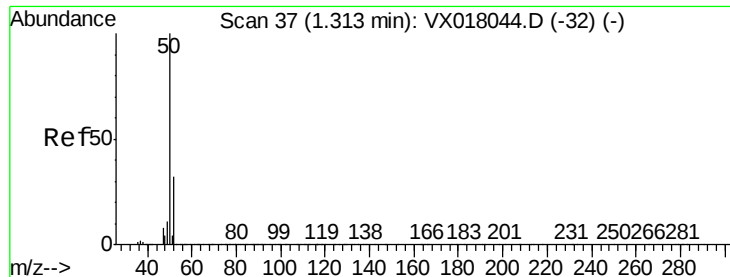
87 32.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 41.158 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018310.D

Acq: 09 Sep 2020 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 229418

Ion Ratio Lower Upper

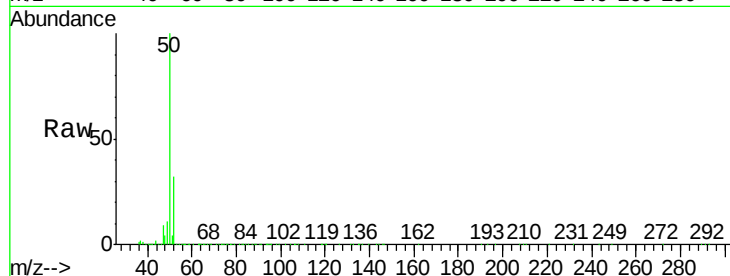
50 100

52 32.0 25.4 38.2

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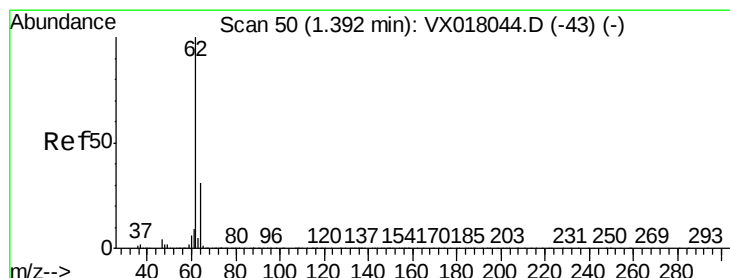
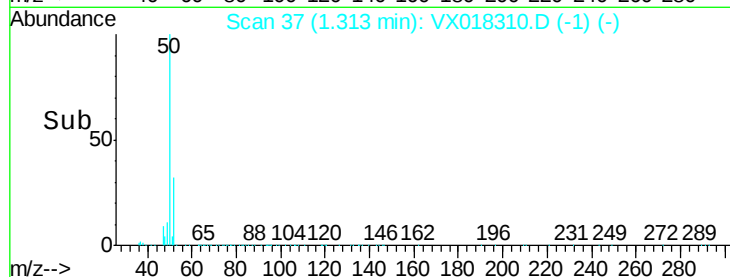
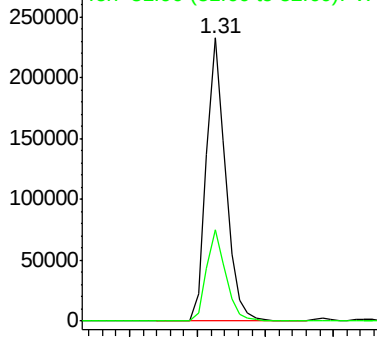
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 42.951 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018310.D

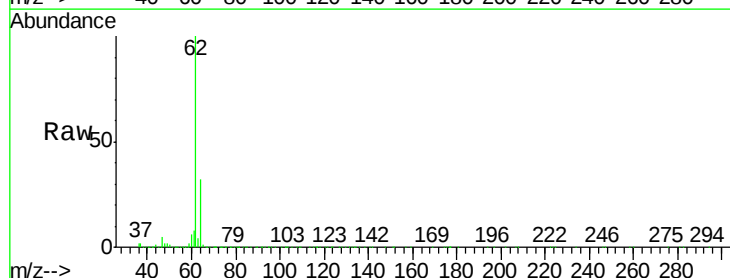
Acq: 09 Sep 2020 10:04

Tgt Ion: 62 Resp: 238326

Ion Ratio Lower Upper

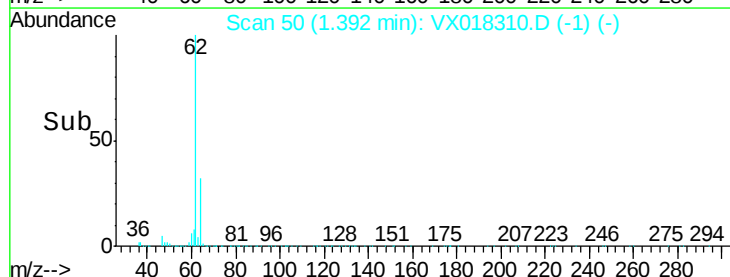
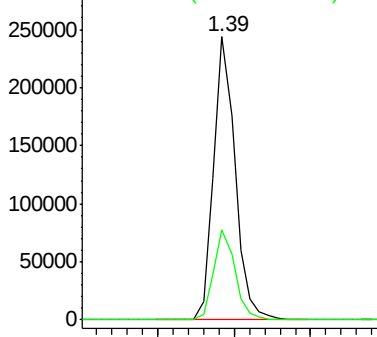
62 100

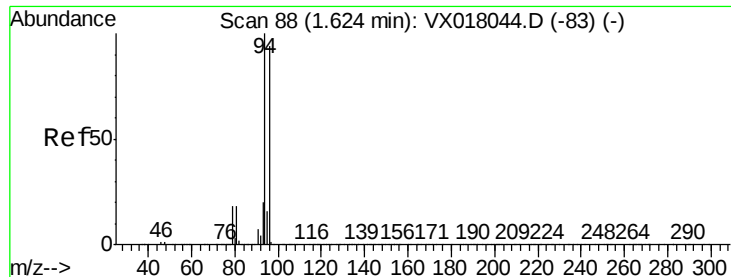
64 31.7 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 54.418 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018310.D

Acq: 09 Sep 2020 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 145642

Ion Ratio Lower Upper

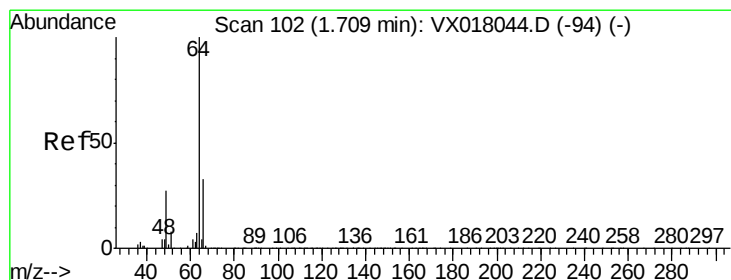
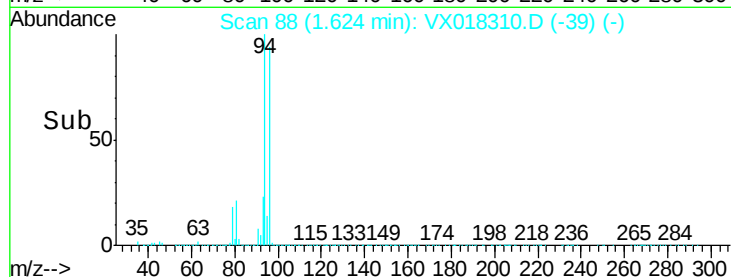
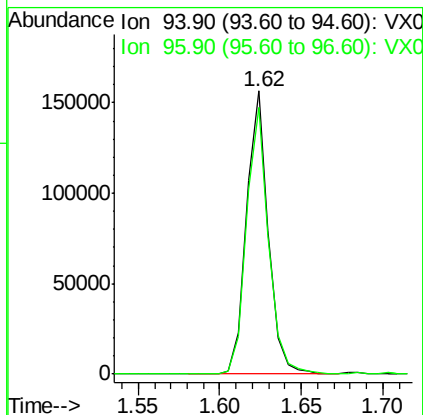
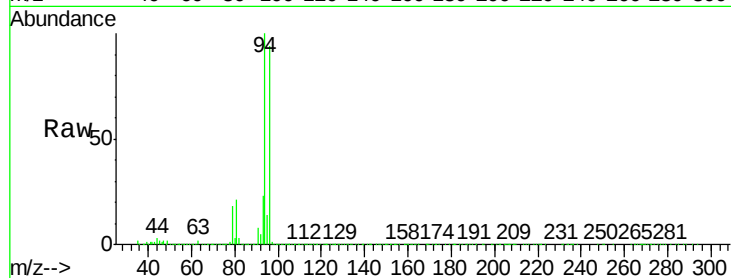
94 100

96 94.0 74.8 112.2

Manual Integrations
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#6

Chloroethane

Concen: 47.119 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX018310.D

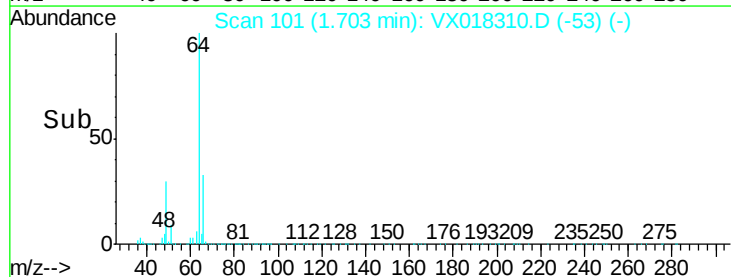
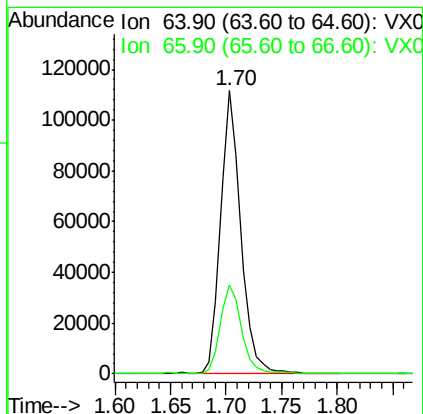
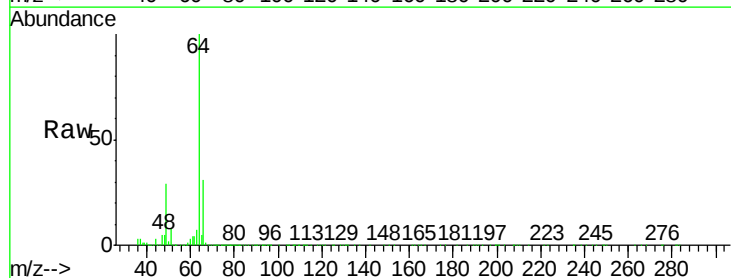
Acq: 09 Sep 2020 10:04

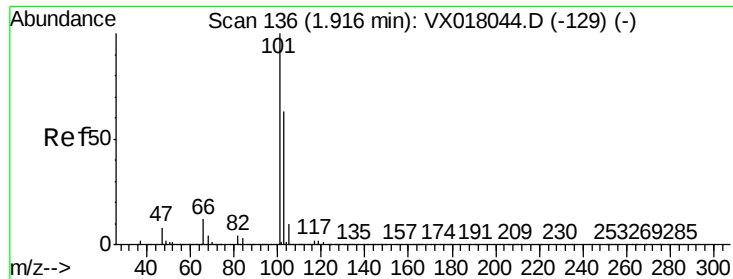
Tgt Ion: 64 Resp: 140426

Ion Ratio Lower Upper

64 100

66 31.2 26.6 39.8





#7

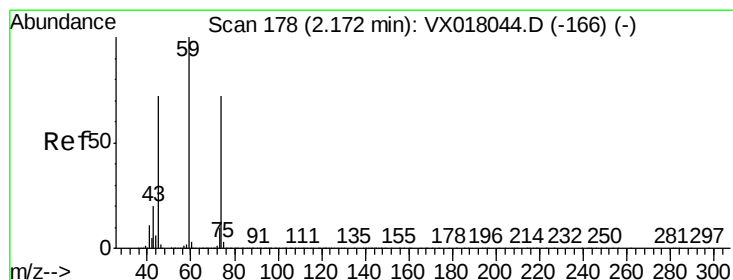
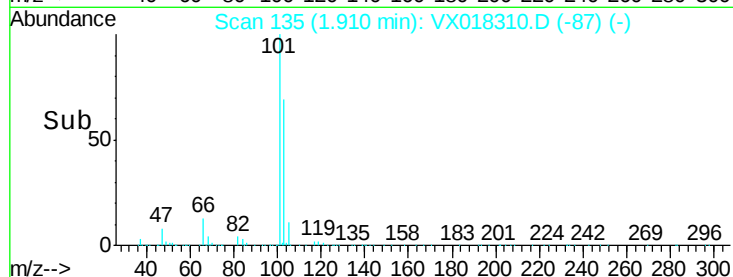
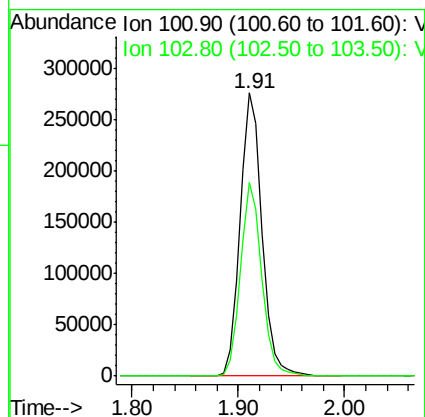
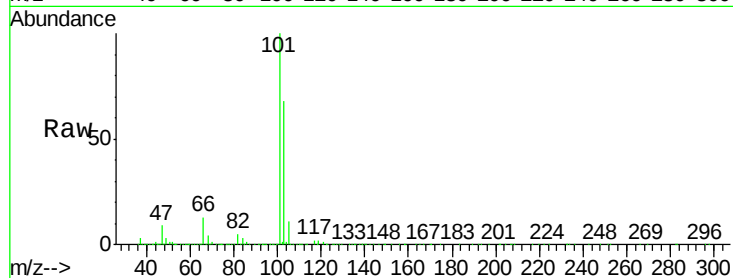
Trichlorofluoromethane
Concen: 52.831 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Instrument :
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VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		399722		
103	68.4	50.7	76.1		

Manual Integrations
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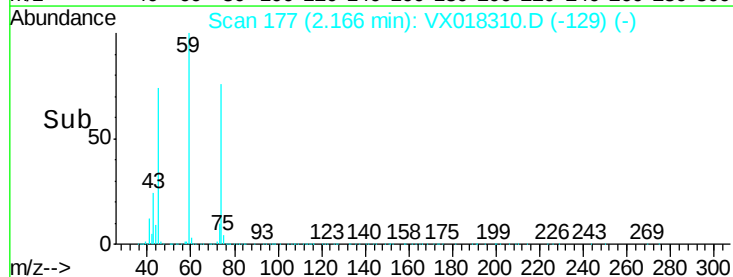
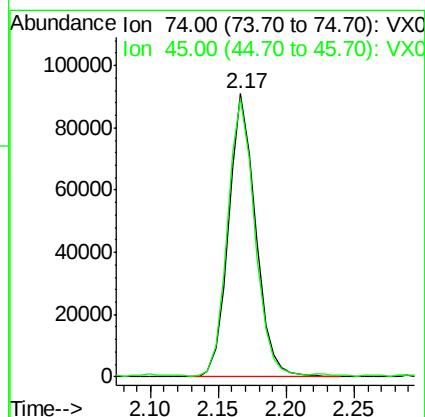
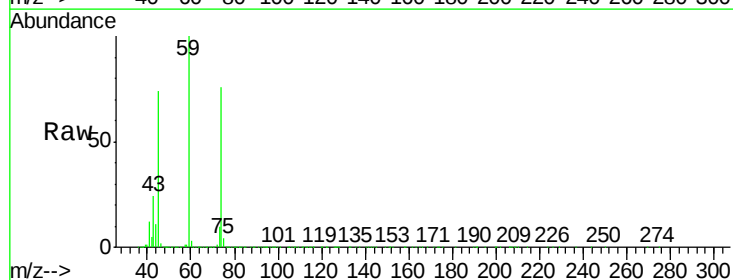
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9/10/2020 4:03:12 PM

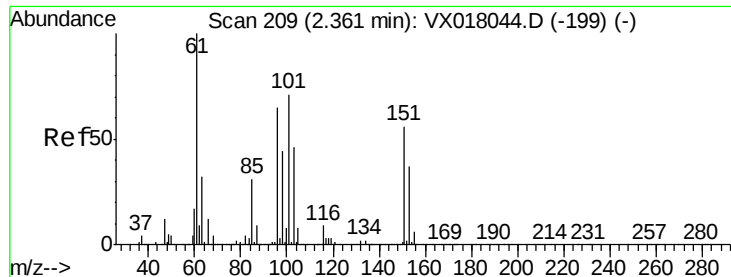


#8

Diethyl Ether
Concen: 48.686 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		124924		
45	99.4	50.7	152.3		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.434 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018310.D

Acq: 09 Sep 2020 10:04

Instrument :

MSVOA_X

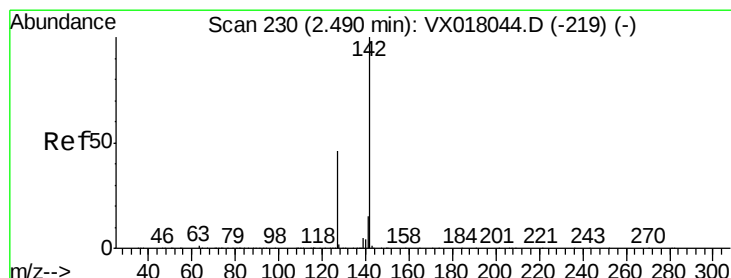
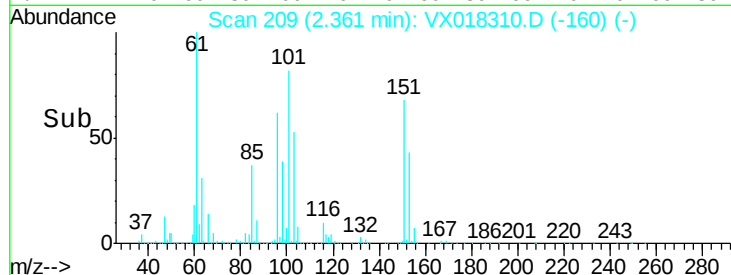
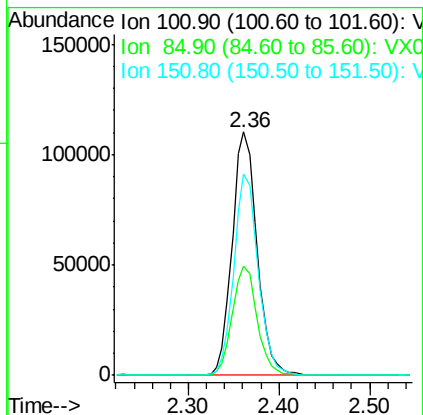
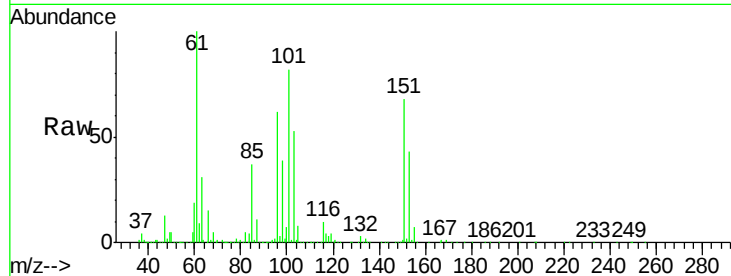
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	210387
Ion Ratio	Lower	Upper	
101	100		
85	45.0	34.0	51.0
151	81.2	65.2	97.8

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#10

Methyl Iodide

Concen: 47.564 ug/l

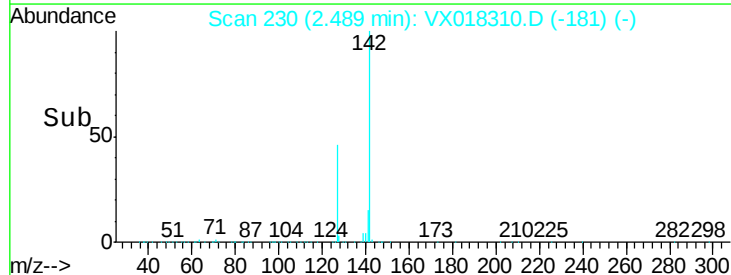
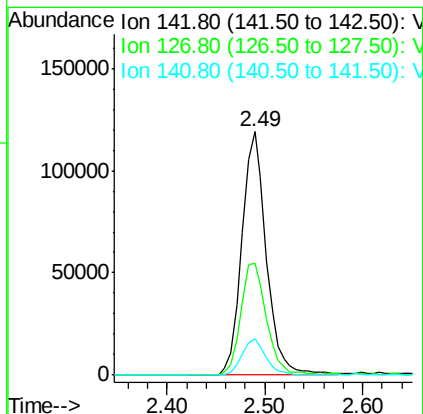
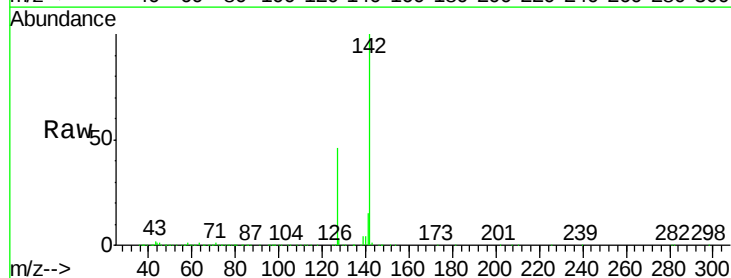
RT: 2.49 min Scan# 230

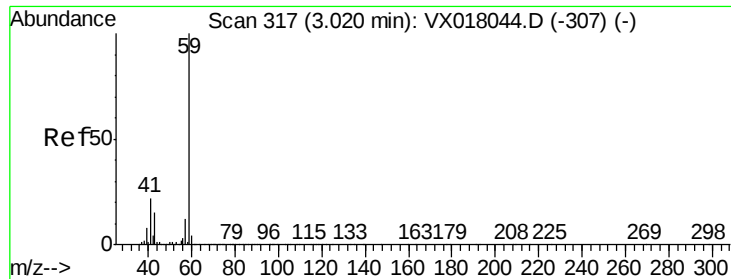
Delta R.T. 0.00 min

Lab File: VX018310.D

Acq: 09 Sep 2020 10:04

Tgt Ion:	142	Resp:	206898
Ion Ratio	Lower	Upper	
142	100		
127	48.3	37.0	55.6
141	14.5	11.5	17.3





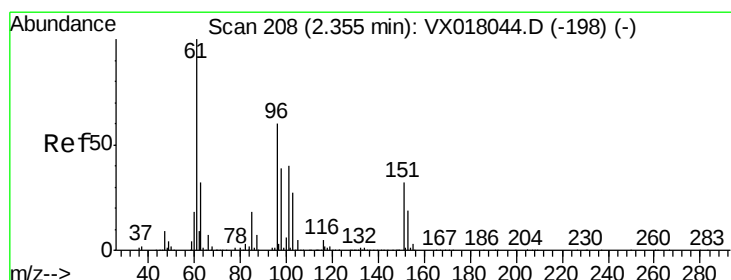
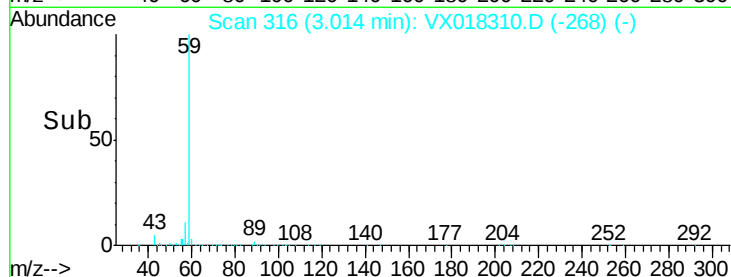
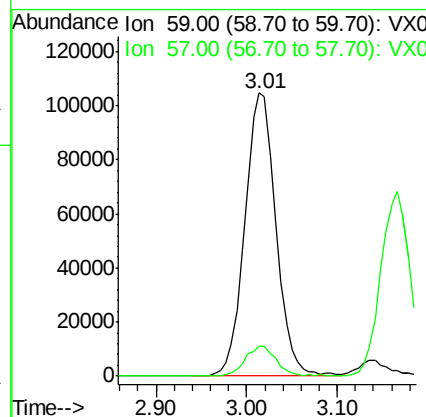
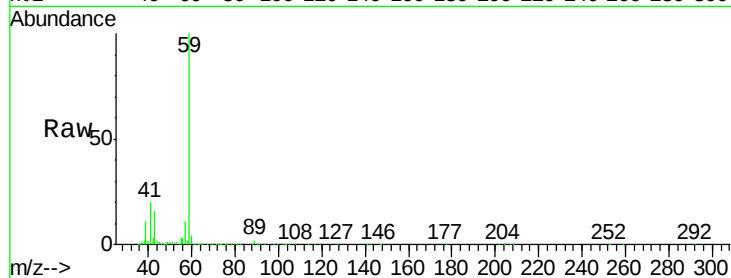
#11
Tert butyl alcohol
Concen: 212.453 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.9	13.3

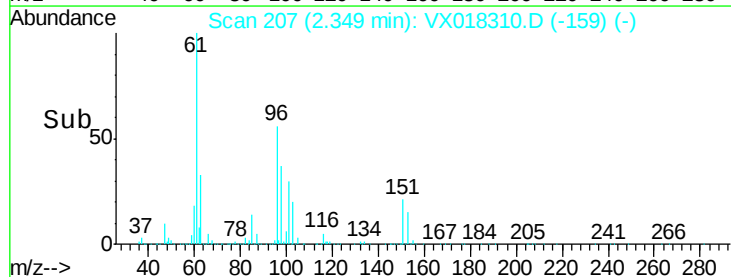
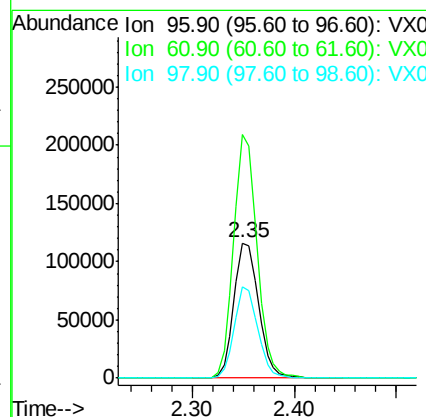
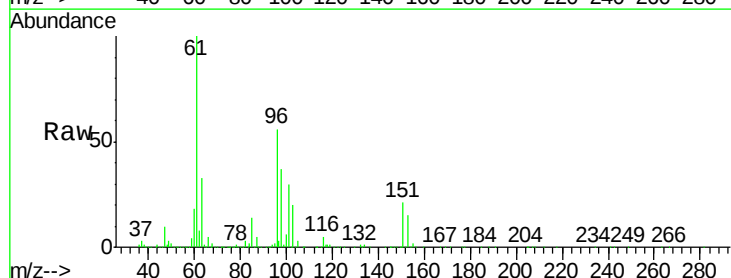
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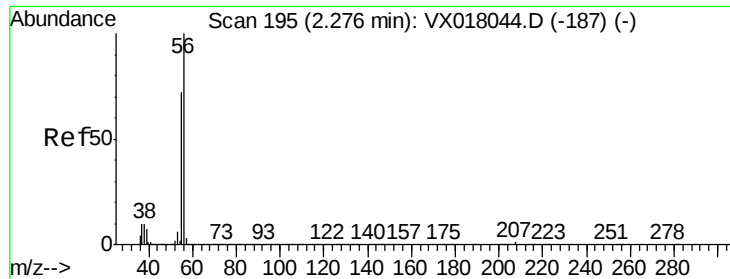
MMDadoda
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#12
1,1-Dichloroethene
Concen: 45.651 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	180.0	133.0	199.4
98	67.1	51.6	77.4





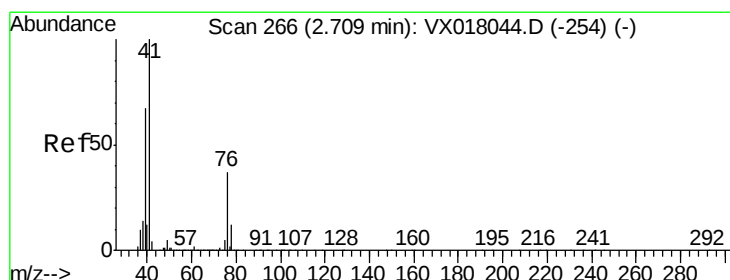
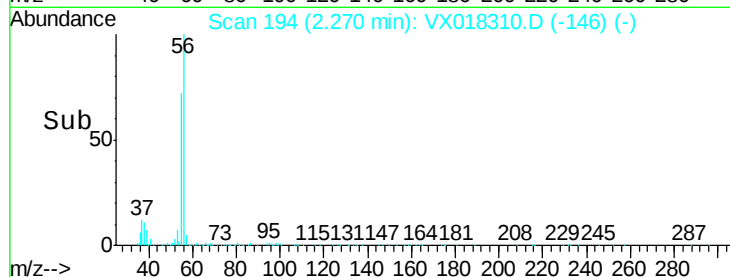
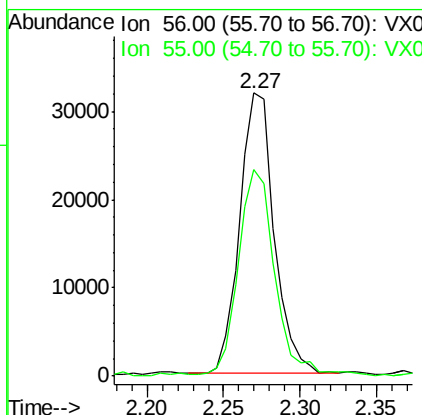
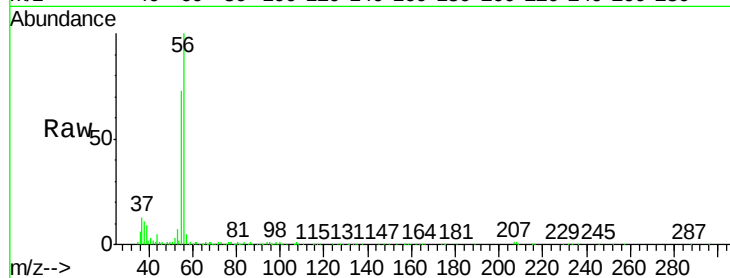
#13
Acrolein
Concen: 102.214 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	77.3	57.0	85.6

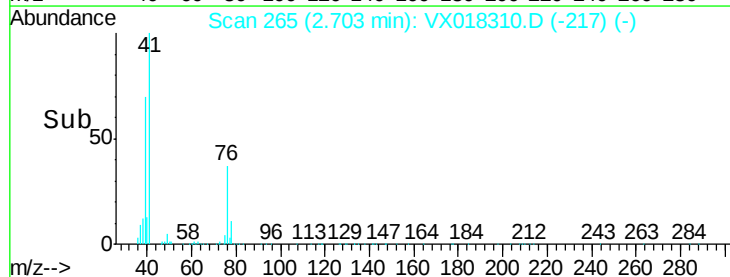
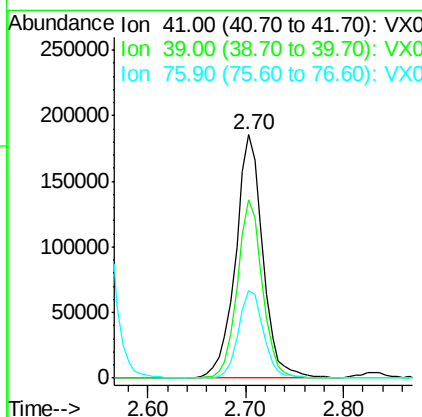
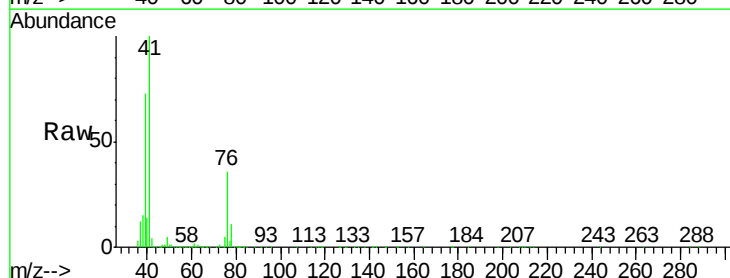
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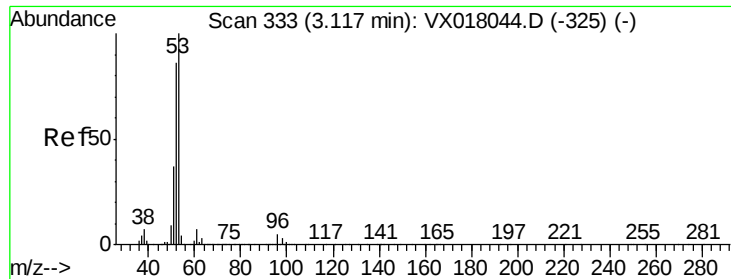
MMDadoda
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#14
Allyl chloride
Concen: 47.157 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	67.0	50.6	76.0
76	76	32.9	26.2	39.2





#15

Acrylonitrile

Concen: 216.695 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018310.D

Acq: 09 Sep 2020 10:04

Instrument :

MSVOA_X

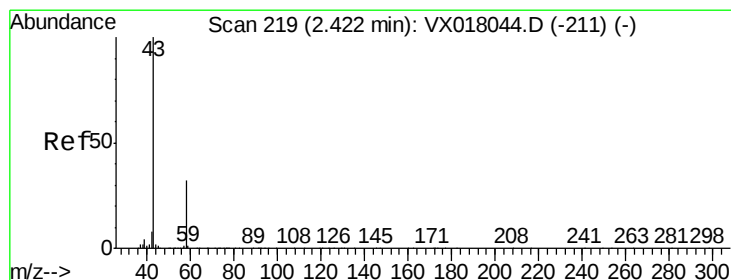
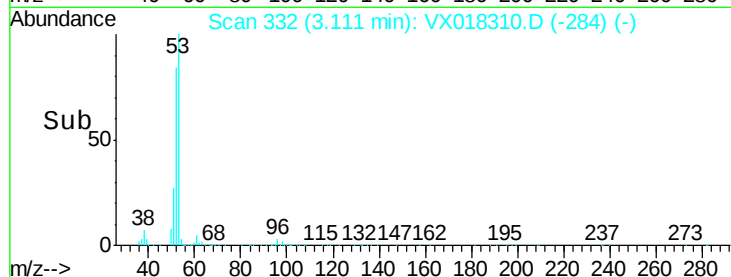
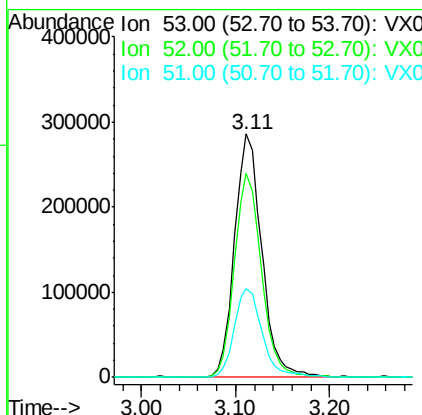
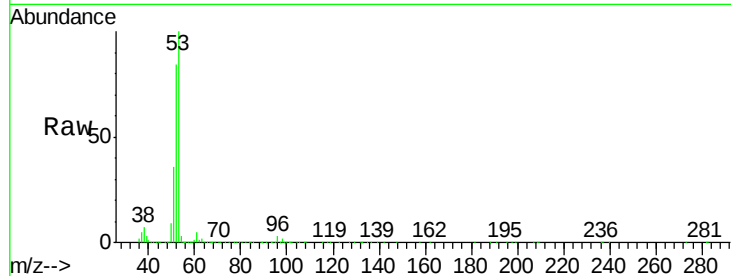
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	576174
Ion	Ratio	Lower	Upper
53	100		
52	83.4	66.9	100.3
51	38.0	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 238.849 ug/l

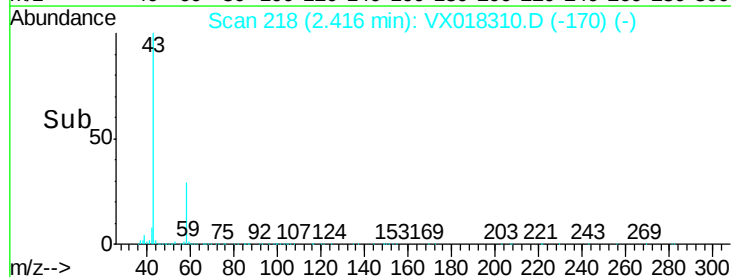
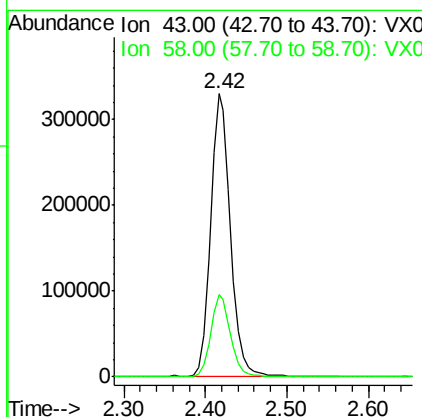
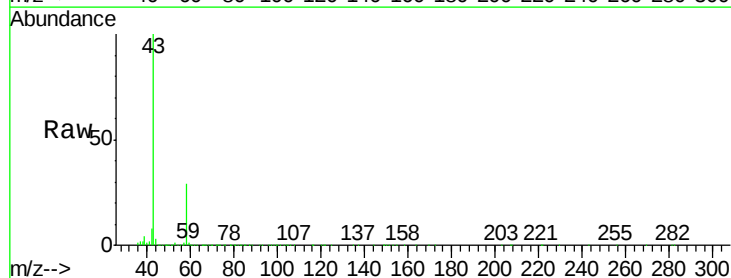
RT: 2.42 min Scan# 218

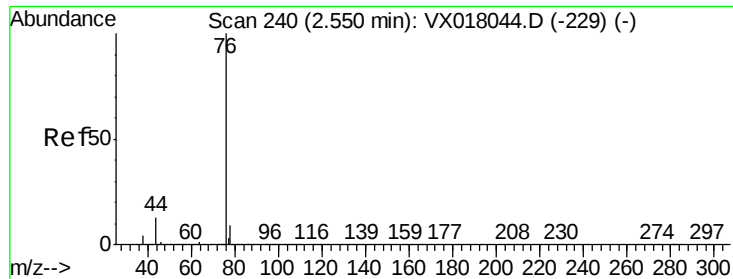
Delta R.T. -0.01 min

Lab File: VX018310.D

Acq: 09 Sep 2020 10:04

Tgt Ion:	43	Resp:	561074
Ion	Ratio	Lower	Upper
43	100		
58	29.3	25.5	38.3





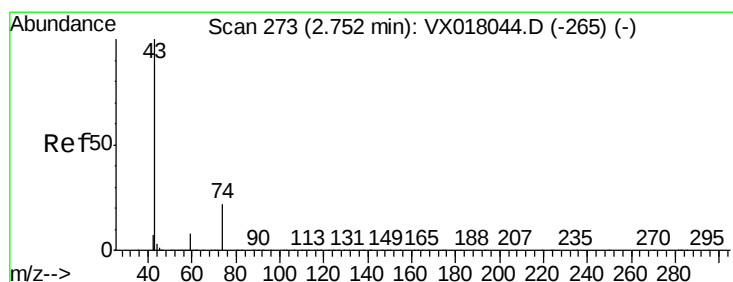
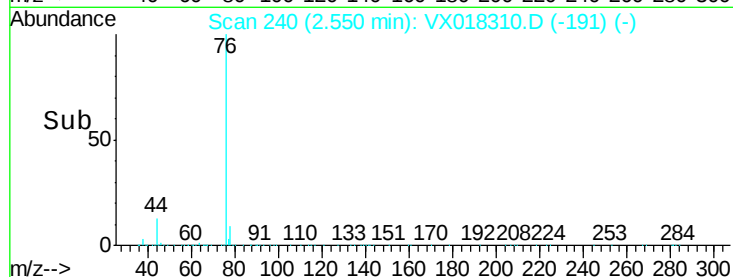
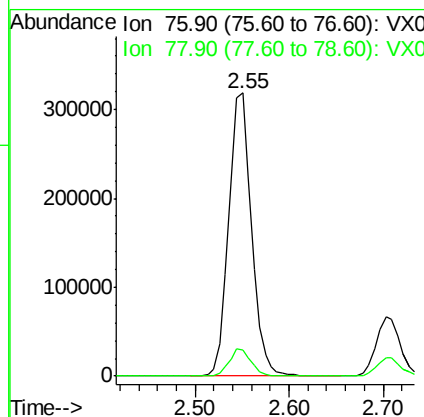
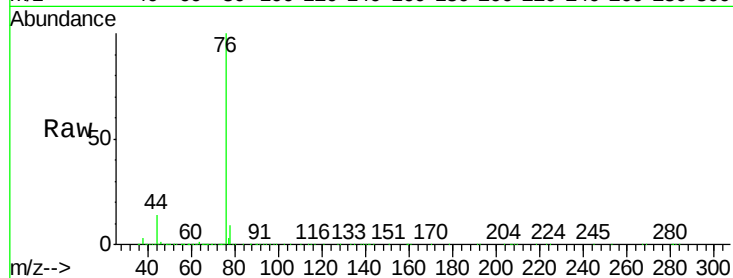
#17
Carbon Disulfide
Concen: 41.873 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.0

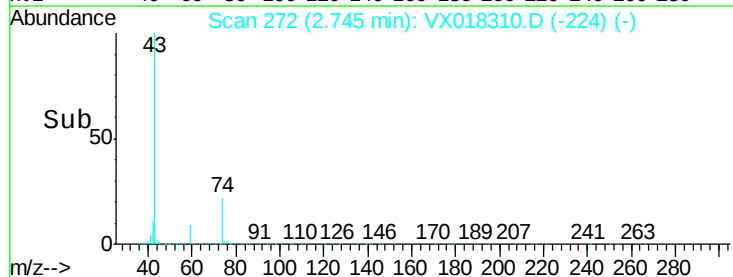
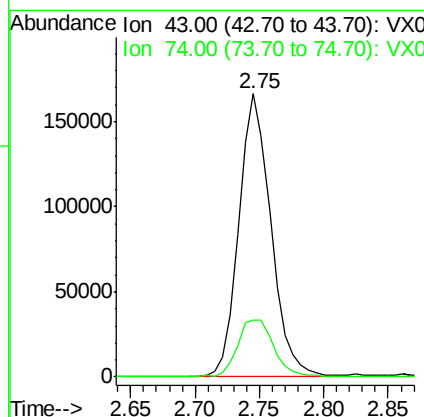
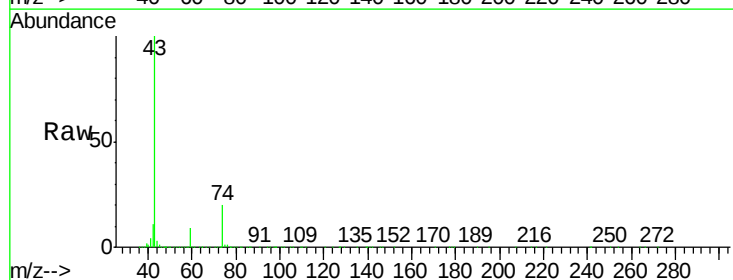
Manual Integrations
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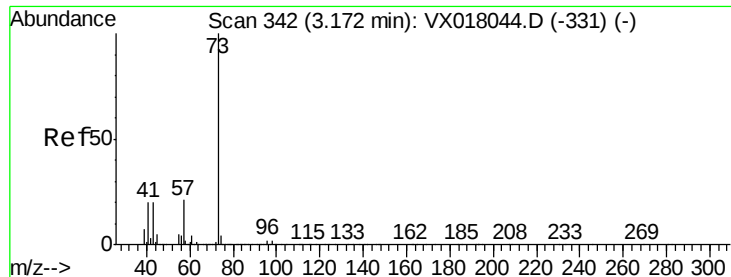
MMDadoda
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#18
Methyl Acetate
Concen: 50.506 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	18.2	27.4





#19

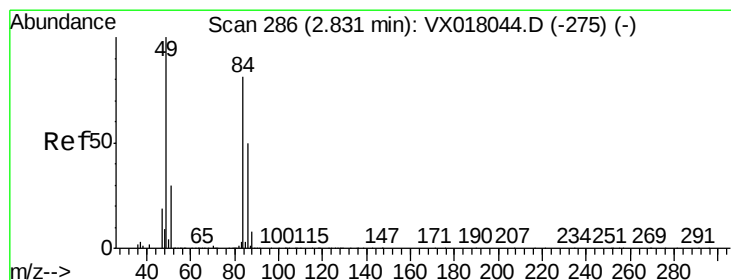
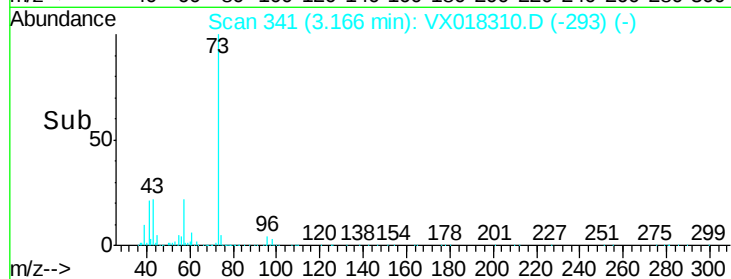
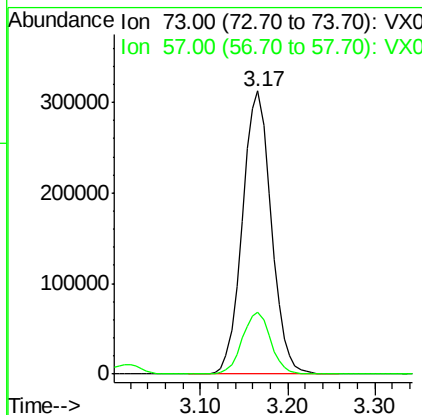
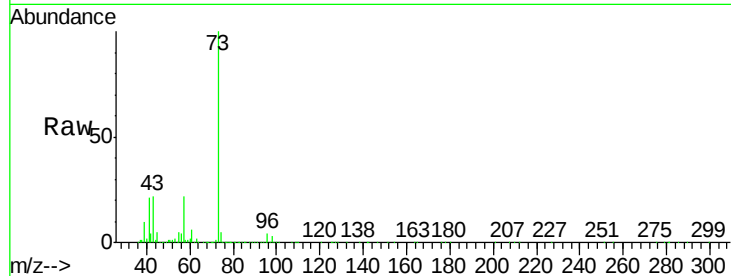
Methyl tert-butyl Ether
 Concen: 49.201 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX018310.D
 Acq: 09 Sep 2020 10:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.9	16.8	25.2

Manual Integrations
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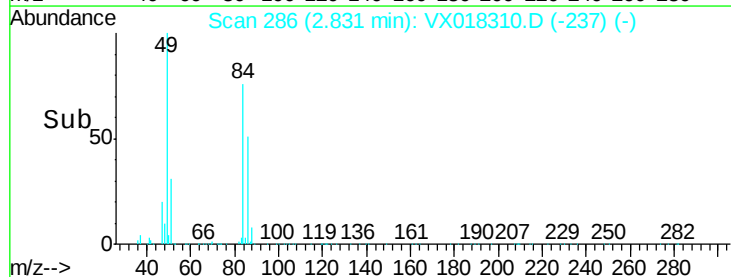
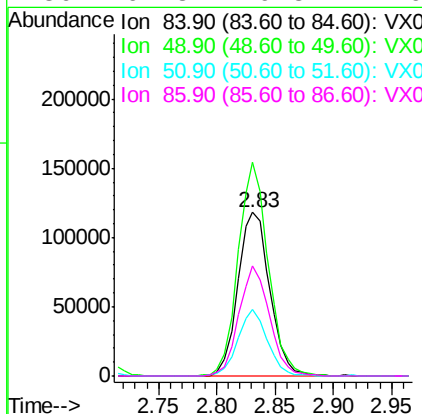
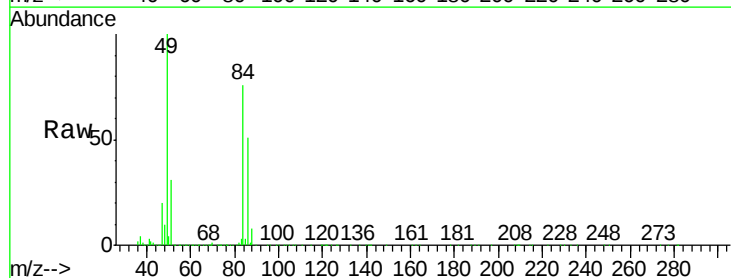
MMDadoda
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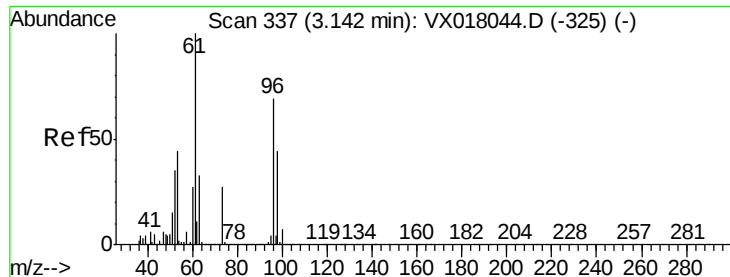


#20

Methylene Chloride
 Concen: 46.954 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX018310.D
 Acq: 09 Sep 2020 10:04

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.6	98.6	148.0
51	40.4	29.6	44.4
86	67.3	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 46.741 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX018310.D

Acq: 09 Sep 2020 10:04

Instrument :

MSVOA_X

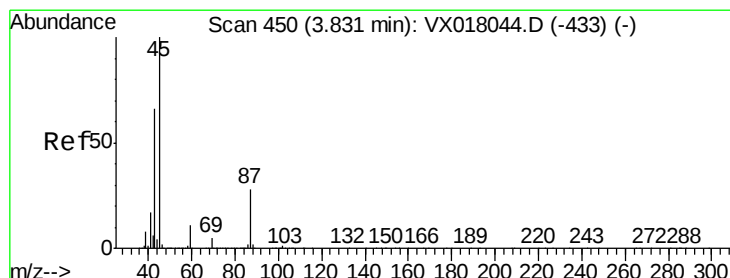
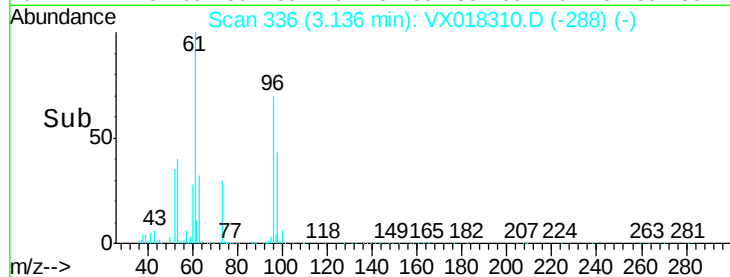
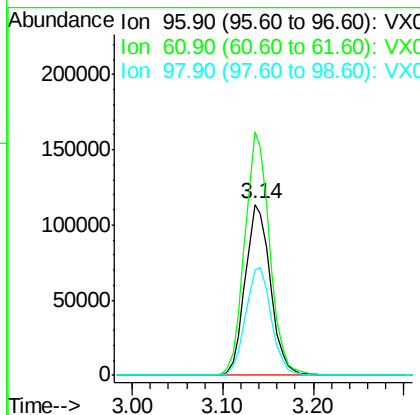
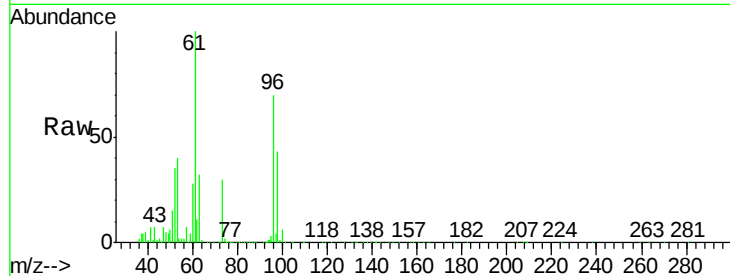
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	219759
Ion	Ratio	Lower	Upper
96	100		
61	142.4	115.4	173.0
98	61.7	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.702 ug/l

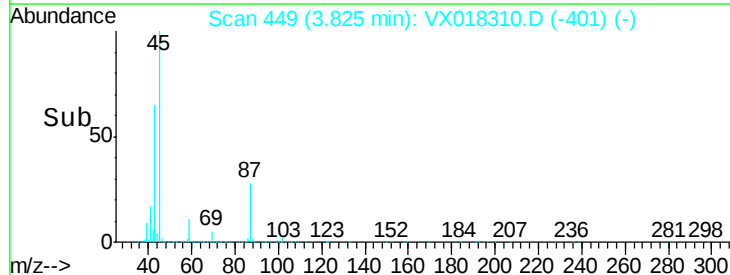
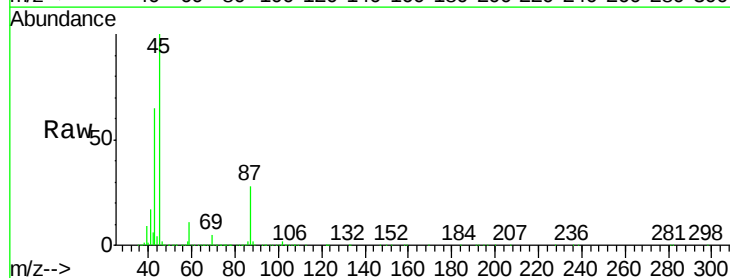
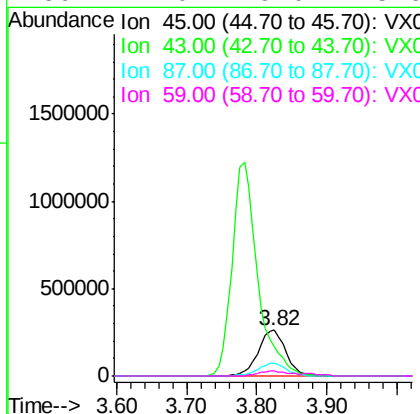
RT: 3.82 min Scan# 449

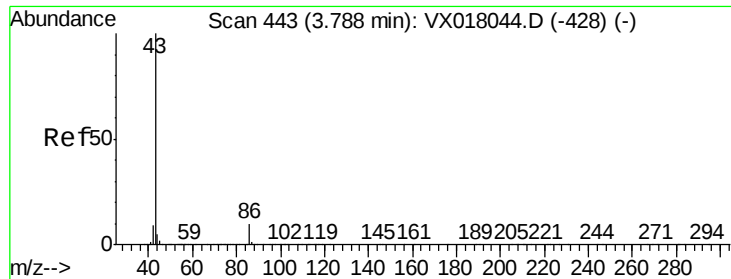
Delta R.T. -0.01 min

Lab File: VX018310.D

Acq: 09 Sep 2020 10:04

Tgt Ion:	45	Resp:	717820
Ion	Ratio	Lower	Upper
45	100		
43	65.1	52.8	79.2
87	28.4	22.5	33.7
59	11.0	9.0	13.6





#23

Vinyl Acetate

Concen: 234.108 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018310.D

Acq: 09 Sep 2020 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3134706

Ion Ratio Lower Upper

43 100

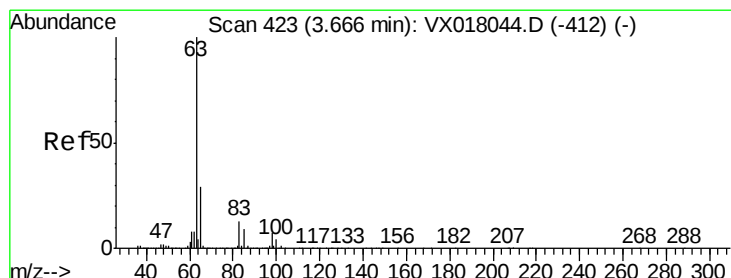
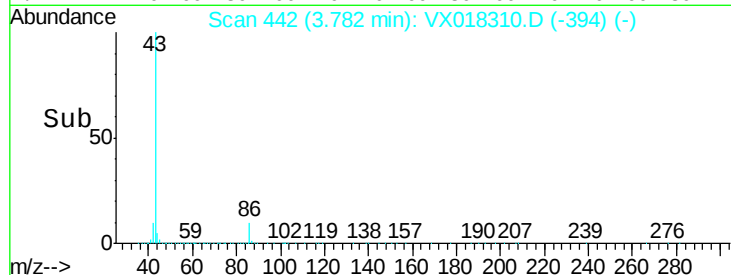
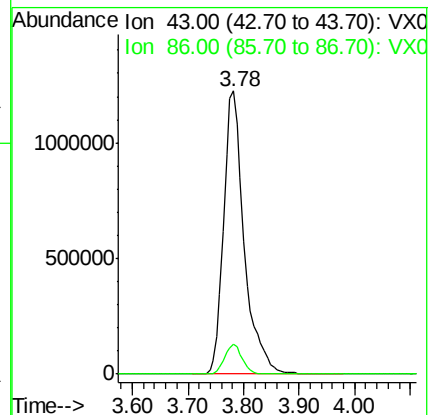
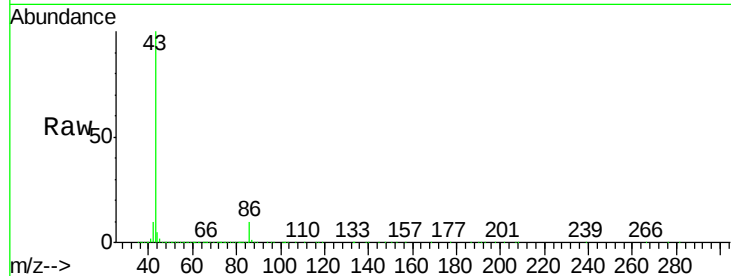
86 10.4 7.9 11.9

Manual Integrations

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MMDadoda

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#24

1,1-Dichloroethane

Concen: 46.577 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018310.D

Acq: 09 Sep 2020 10:04

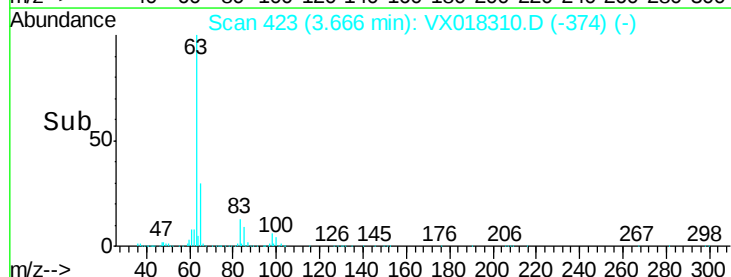
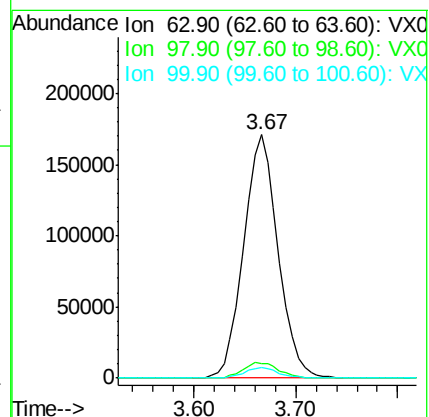
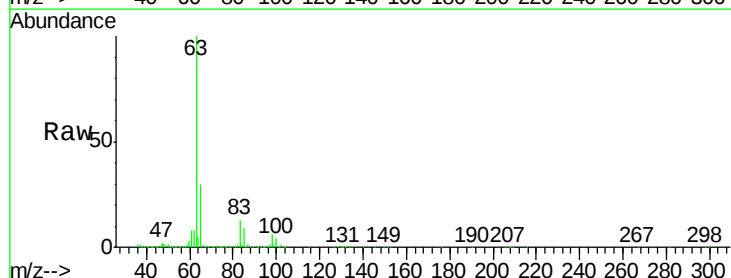
Tgt Ion: 63 Resp: 398984

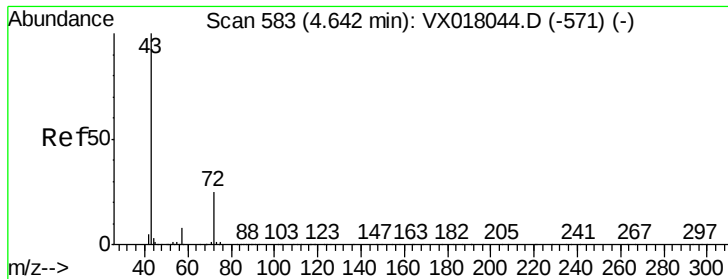
Ion Ratio Lower Upper

63 100

98 6.0 3.6 10.8

100 4.3 2.0 6.0





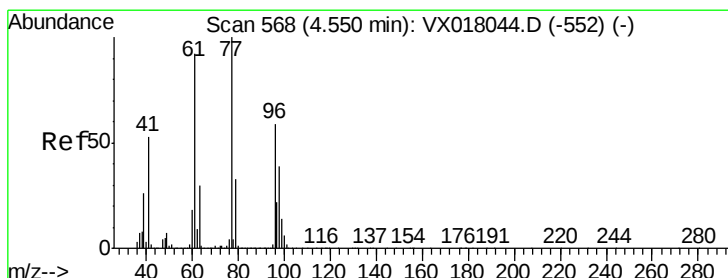
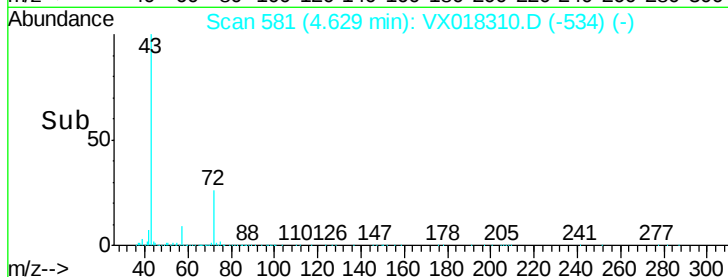
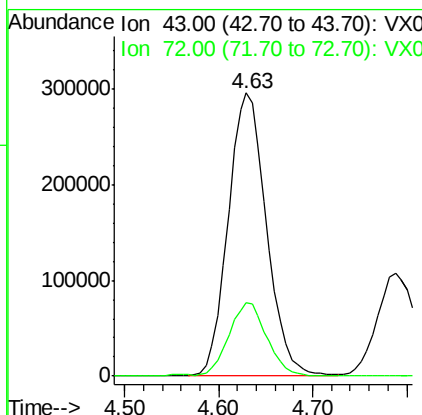
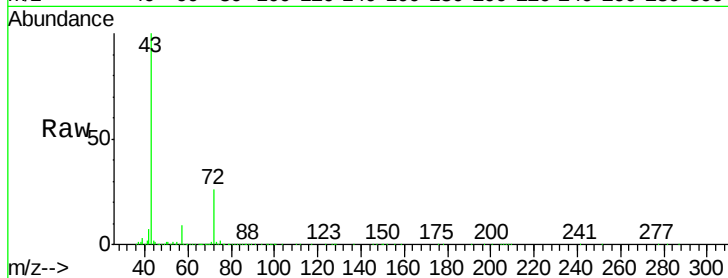
#25
2-Butanone
Concen: 215.865 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
72	25.8	19.8	29.6

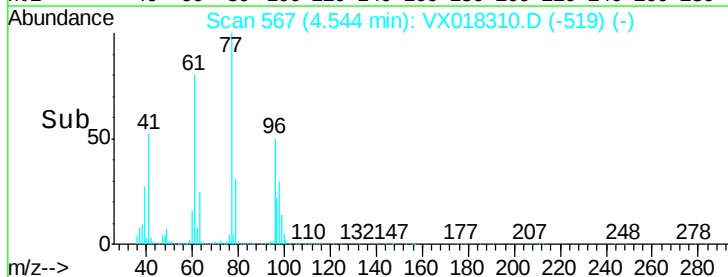
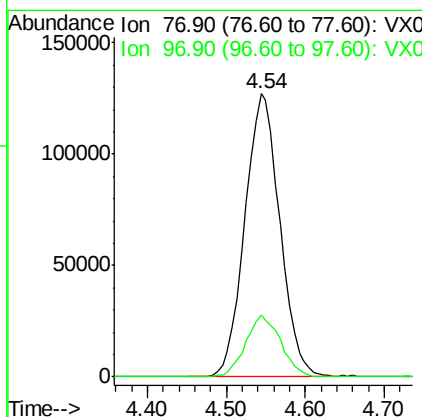
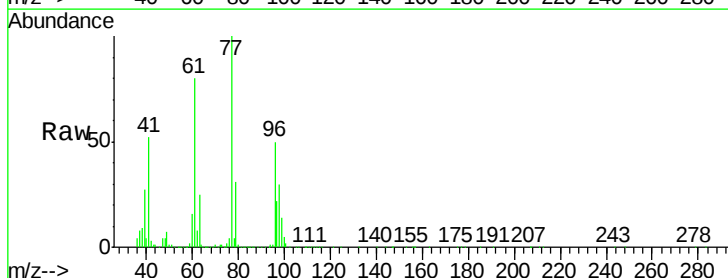
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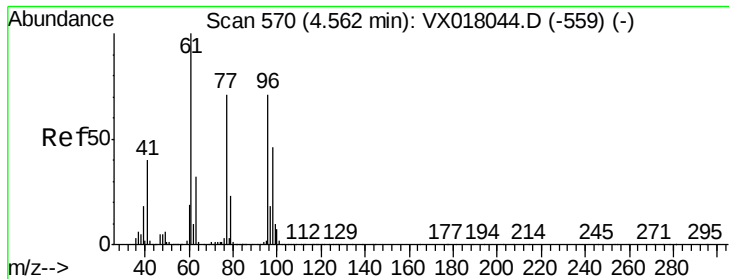
MMDadoda
9/10/2020 4:03:12 PM



#26
2,2-Dichloropropane
Concen: 56.360 ug/l
RT: 4.54 min Scan# 567
Delta R.T. -0.01 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Tgt Ion	Ratio	Lower	Upper
77	100		
97	21.8	11.5	34.5





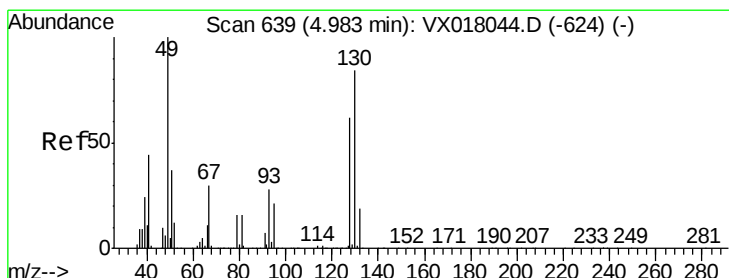
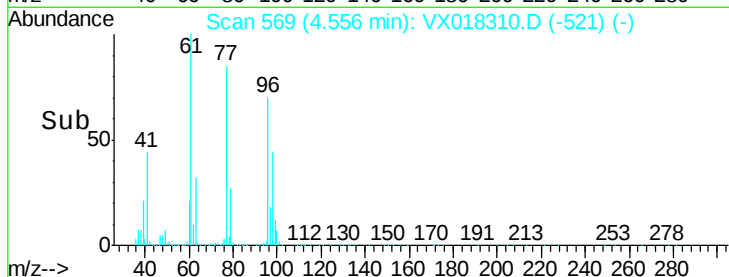
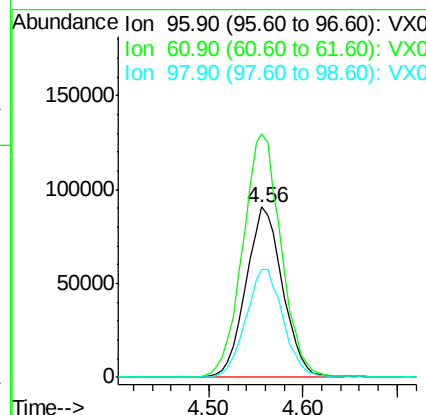
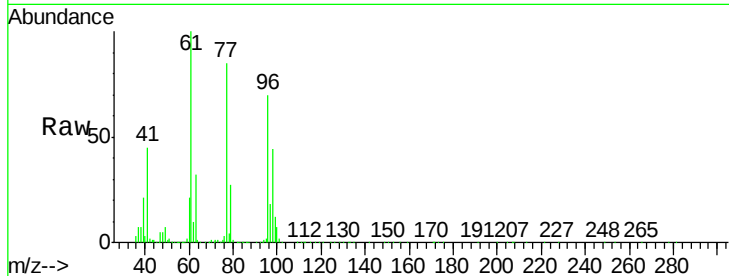
#27
 cis-1,2-Dichloroethene
 Concen: 45.602 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VX018310.D
 Acq: 09 Sep 2020 10:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	247031		
61	150.0	0.0	296.6	
98	64.6	0.0	130.2	

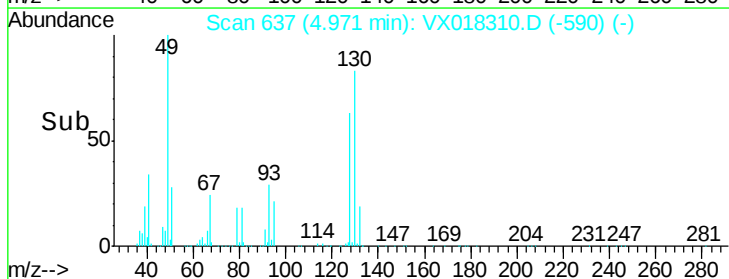
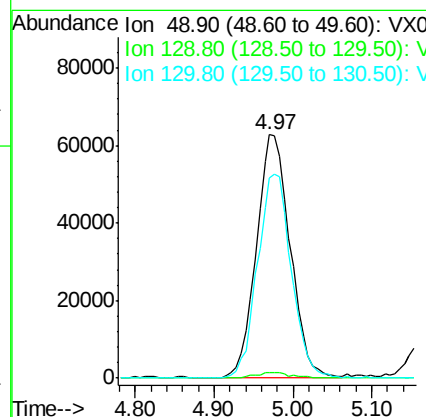
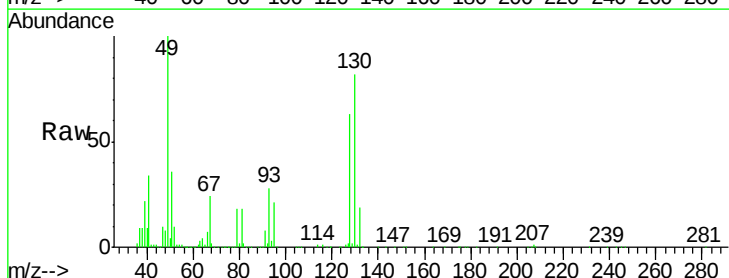
Manual Integrations
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#28
 Bromochloromethane
 Concen: 45.310 ug/l
 RT: 4.97 min Scan# 637
 Delta R.T. -0.01 min
 Lab File: VX018310.D
 Acq: 09 Sep 2020 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	187350		
129	2.5	0.0	4.6	
130	83.8	64.6	96.8	





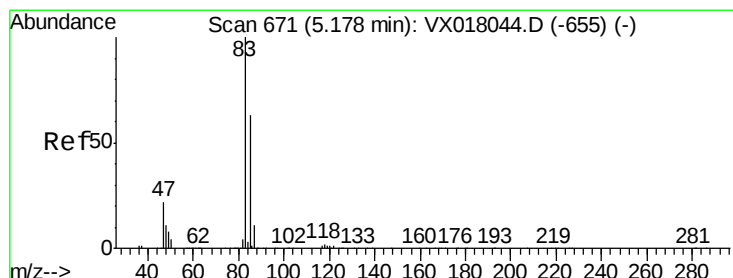
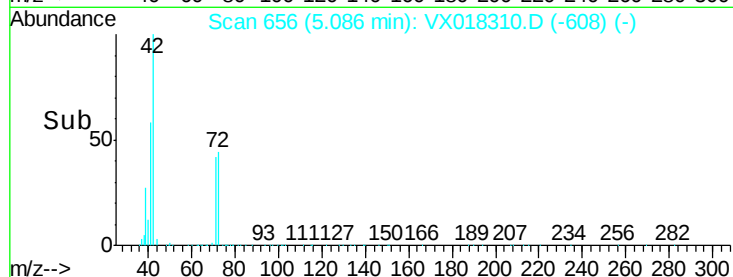
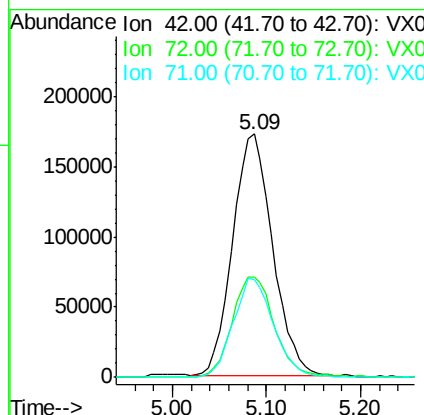
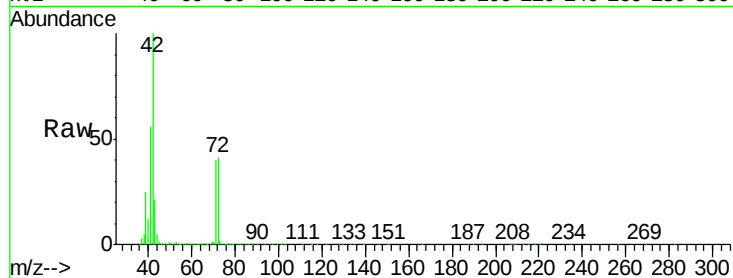
#29
Tetrahydrofuran
Concen: 207.317 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	34.2	51.4
71	41.6	32.1	48.1

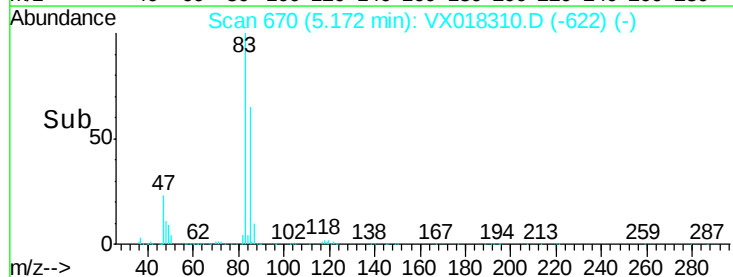
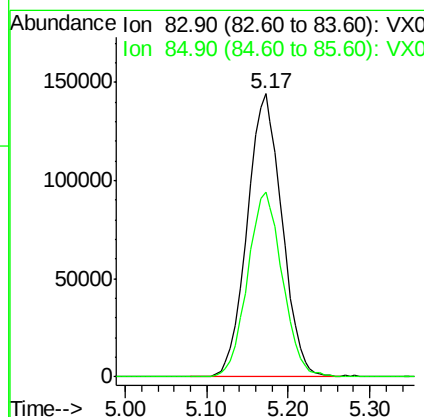
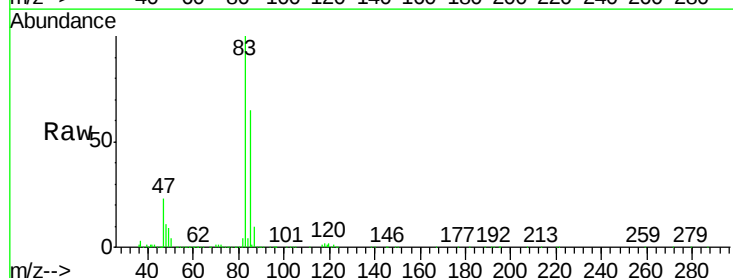
Manual Integrations
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#30
Chloroform
Concen: 48.317 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.7	76.1





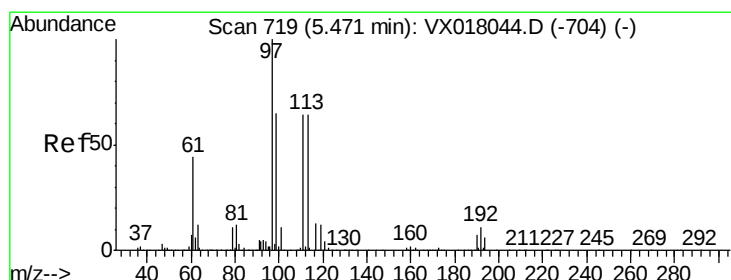
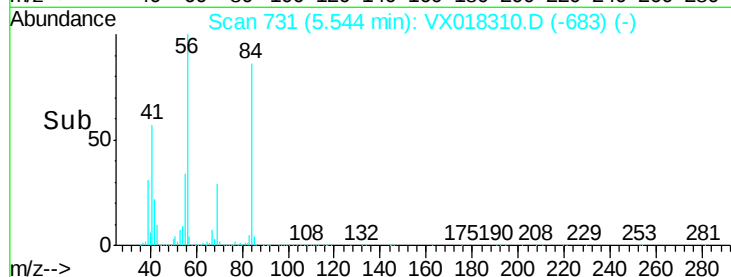
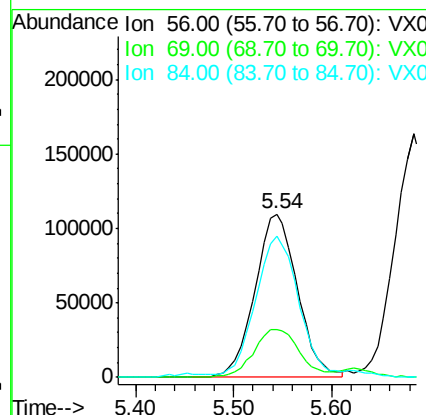
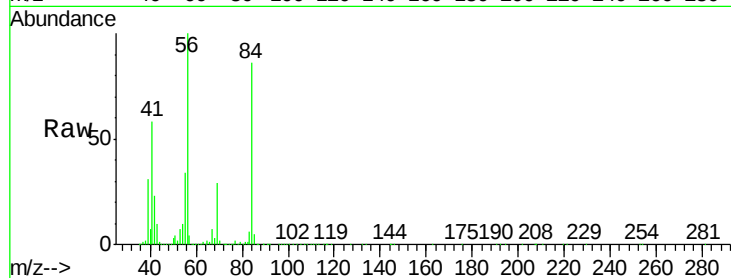
#31
Cyclohexane
Concen: 45.795 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.0	23.9	35.9
84	84.3	67.0	100.4

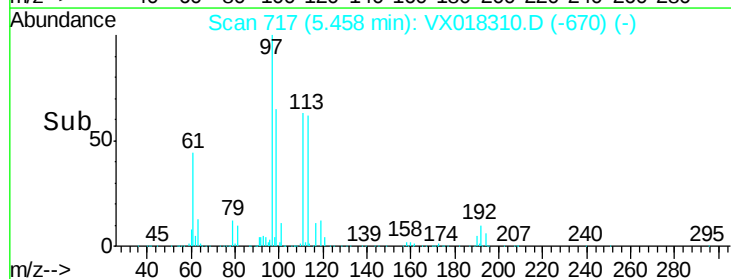
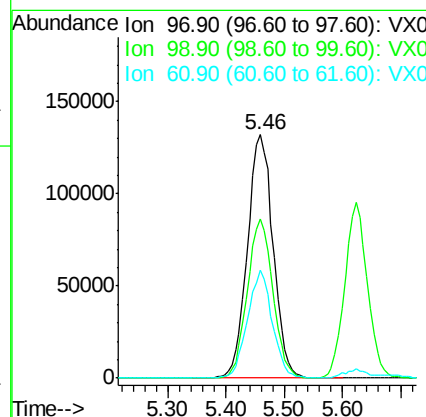
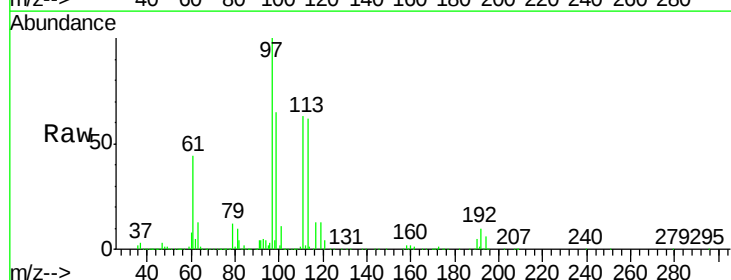
Manual Integrations
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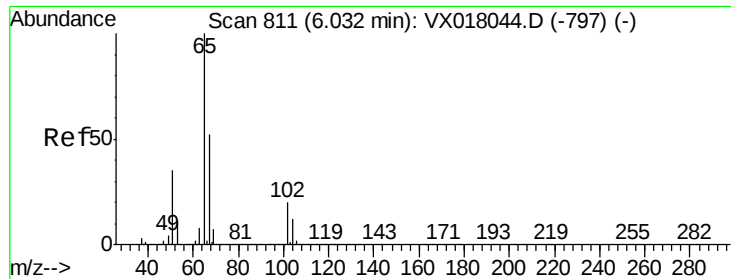
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#32
1,1,1-Trichloroethane
Concen: 49.606 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.4	77.0
61	42.9	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 47.263 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX018310.D

Acq: 09 Sep 2020 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 284927

Ion Ratio Lower Upper

65 100

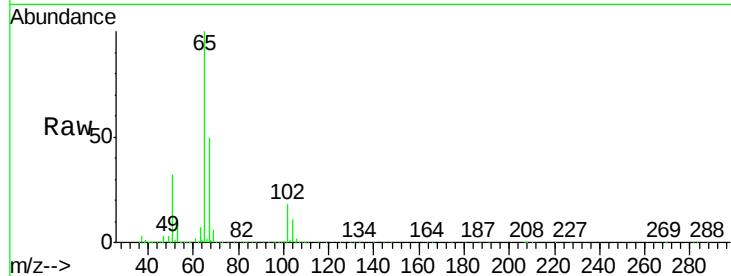
67 51.8 0.0 105.8

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

120000

100000

80000

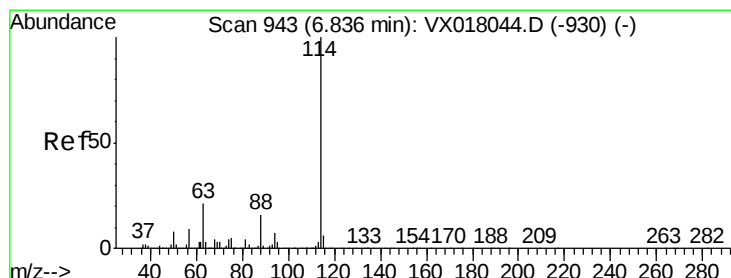
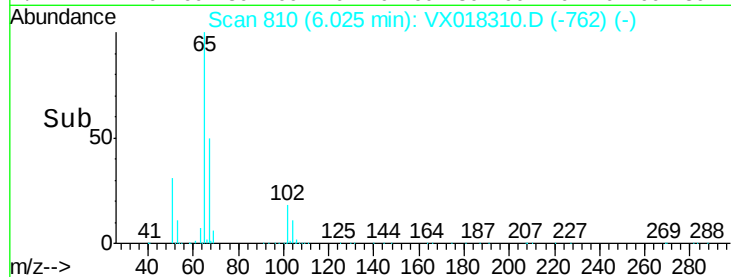
60000

40000

20000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018310.D

Acq: 09 Sep 2020 10:04

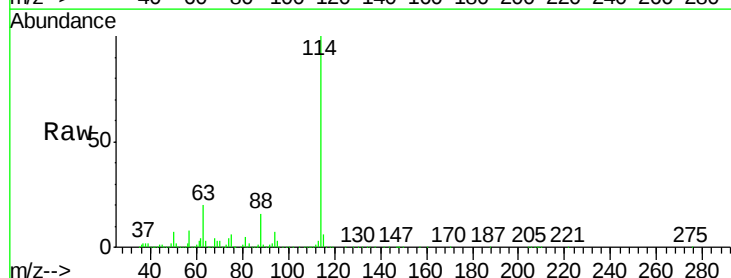
Tgt Ion: 114 Resp: 641054

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

88 15.8 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

6.83

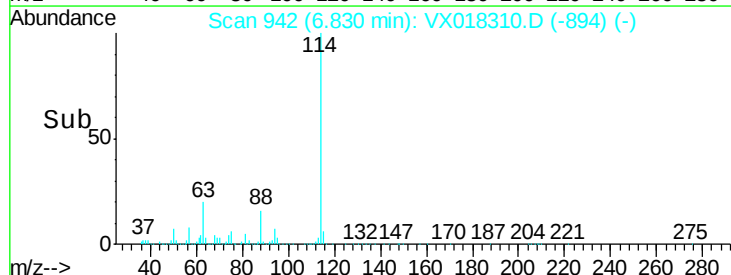
300000

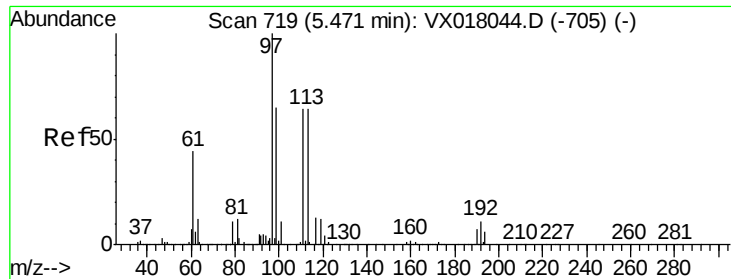
200000

100000

0

Time-->





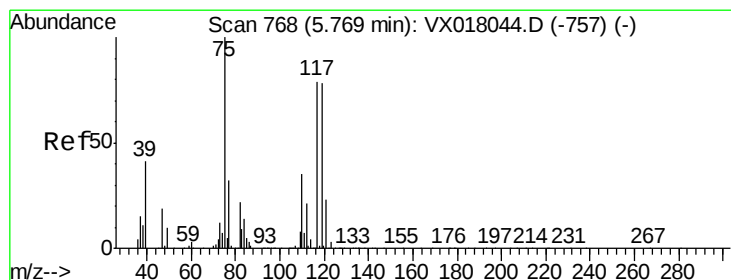
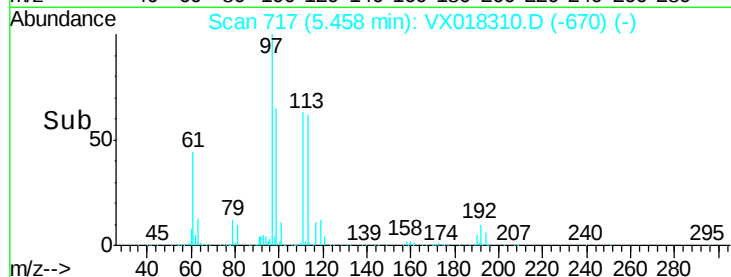
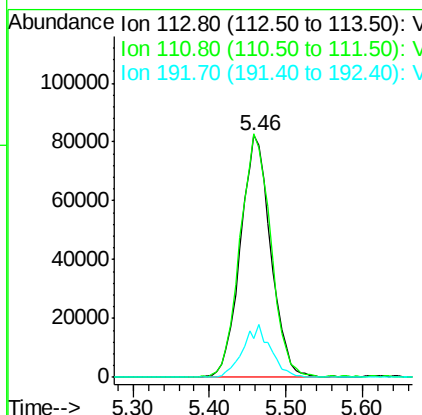
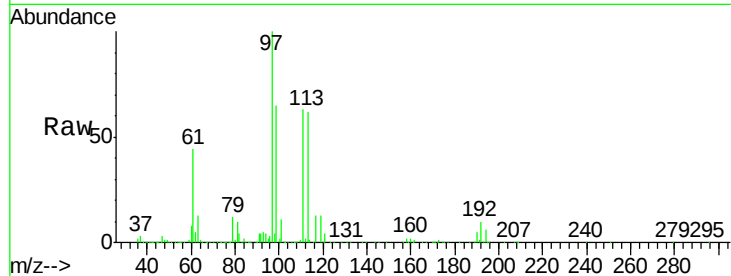
#35
 Dibromofluoromethane
 Concen: 51.892 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX018310.D
 Acq: 09 Sep 2020 10:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	226553		
111	102.3	81.6	122.4	
192	19.9	15.8	23.8	

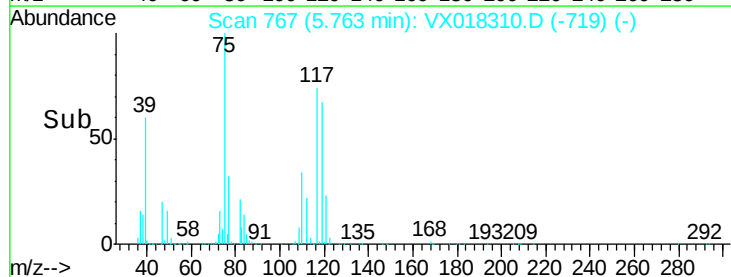
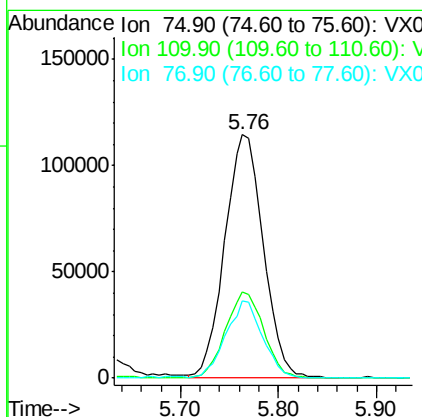
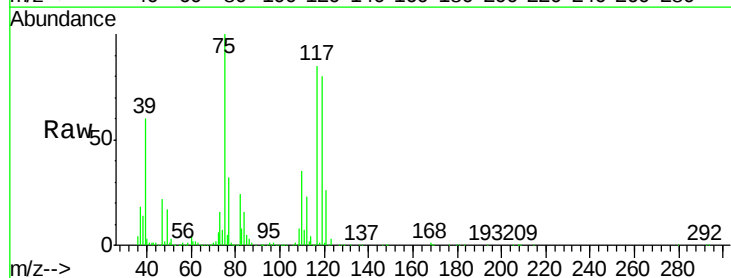
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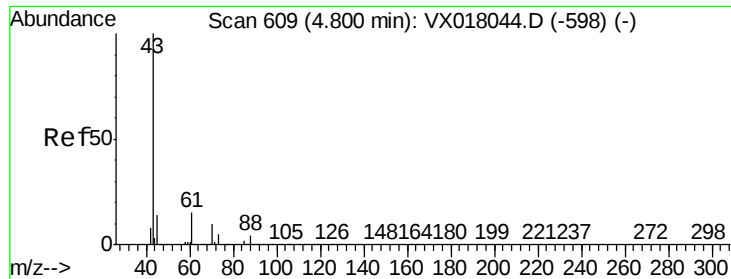
MMDadoda
 9/10/2020 4:03:12 PM



#36
 1,1-Dichloropropene
 Concen: 52.566 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX018310.D
 Acq: 09 Sep 2020 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	310810		
110	35.4	18.0	54.0	
77	30.5	24.4	36.6	





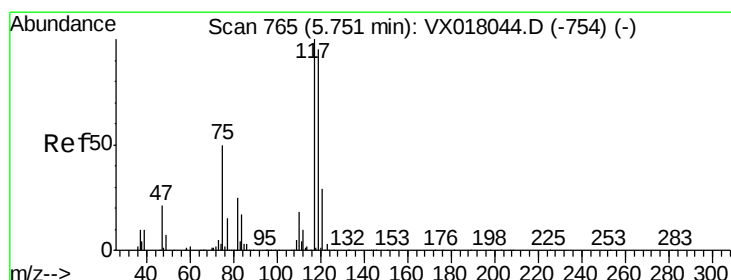
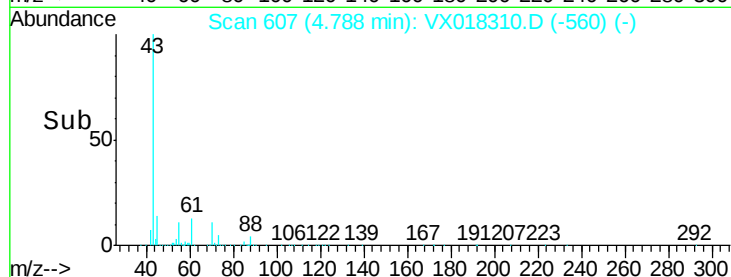
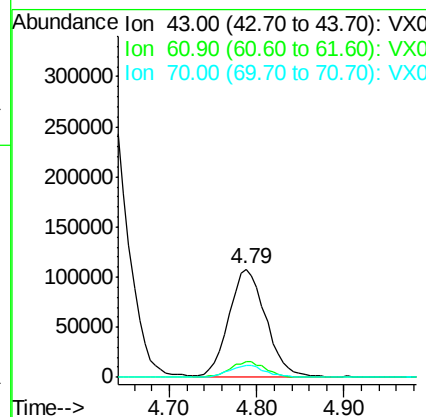
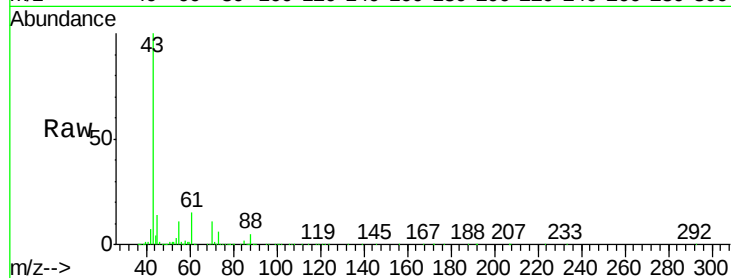
#37
Ethyl Acetate
Concen: 45.829 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	314725
Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.3	16.9
70	11.0	8.2	12.4

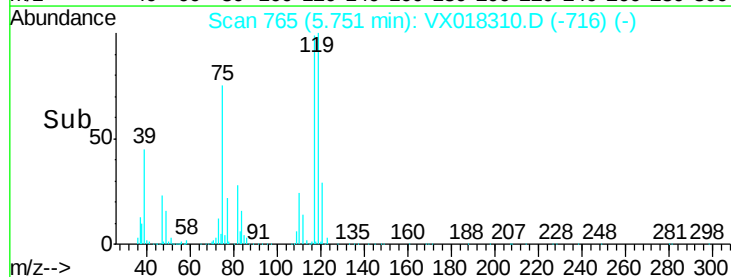
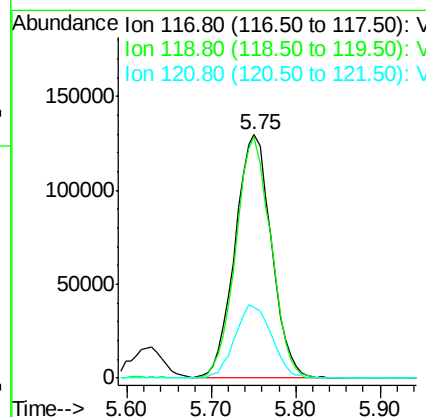
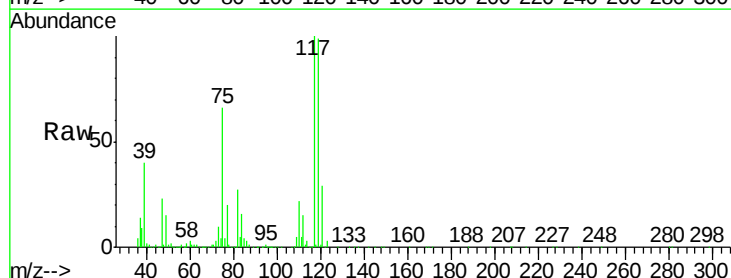
Manual Integrations
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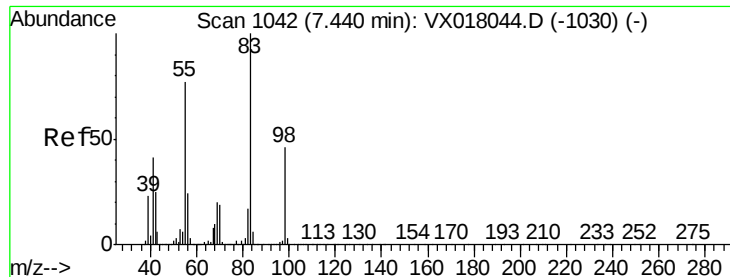
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#38
Carbon Tetrachloride
Concen: 56.893 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Tgt Ion:	117	Resp:	379103
Ion	Ratio	Lower	Upper
117	100		
119	98.7	75.8	113.6
121	29.1	23.4	35.0





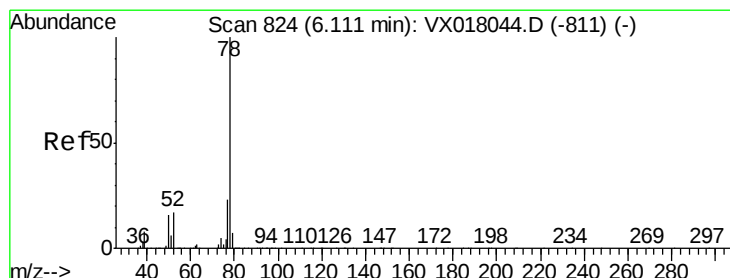
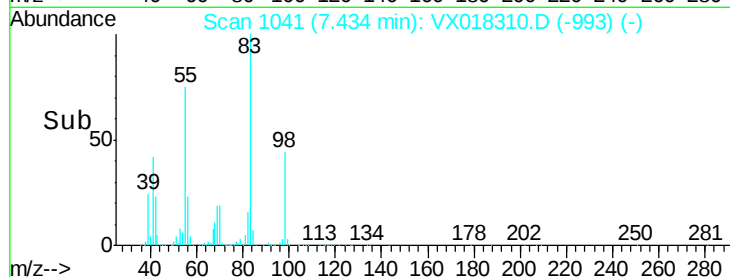
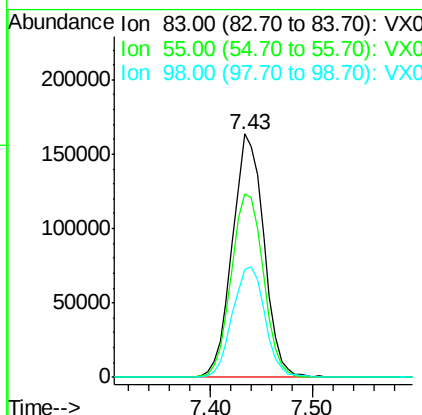
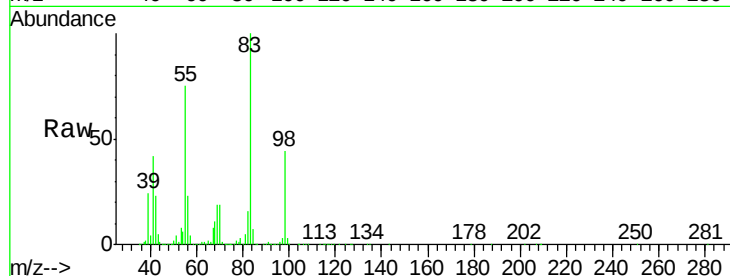
#39
Methvlcvclohexane
Concen: 54.352 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	351405		
55	75.1	61.8	92.6	
98	44.4	36.6	55.0	

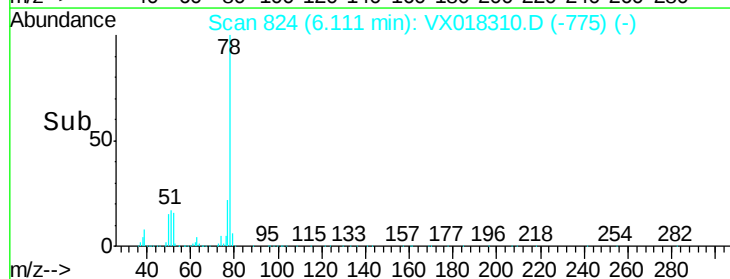
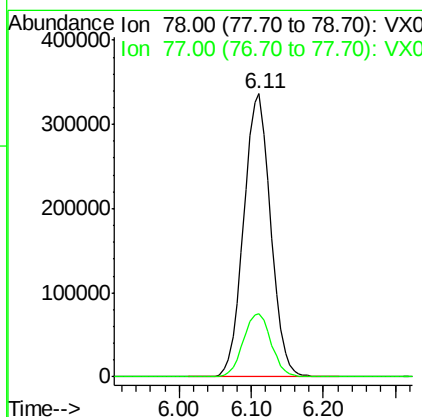
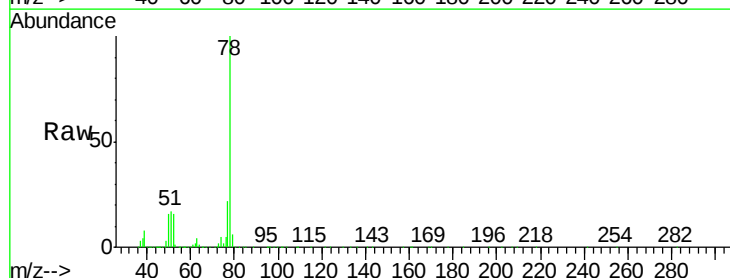
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#40
Benzene
Concen: 50.339 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	874581		
77	22.3	18.2	27.2	





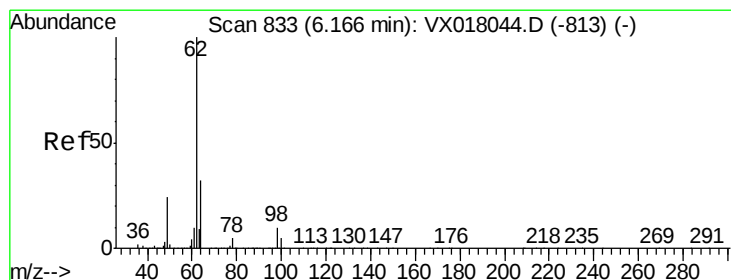
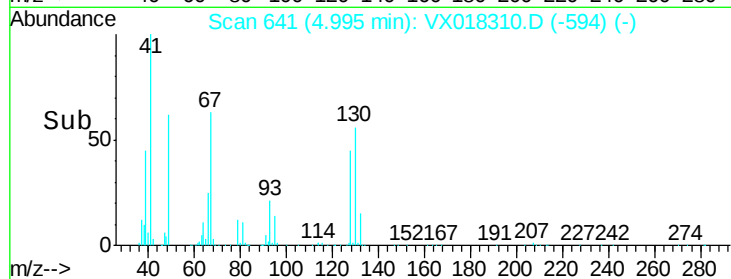
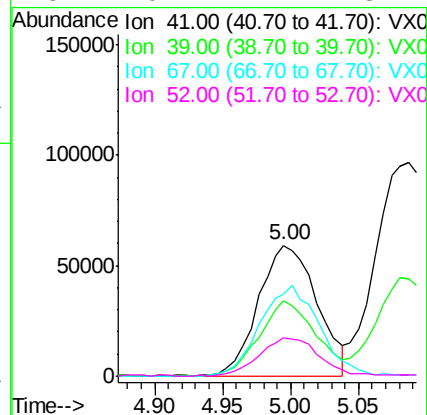
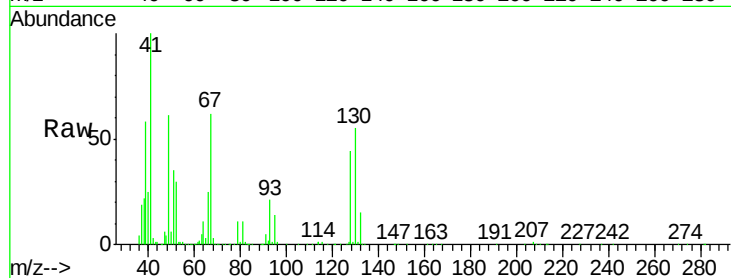
#41
Methacrylonitrile
Concen: 47.182 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.0	43.1	64.7	
67	70.5	56.0	84.0	
52	29.2	22.7	34.1	

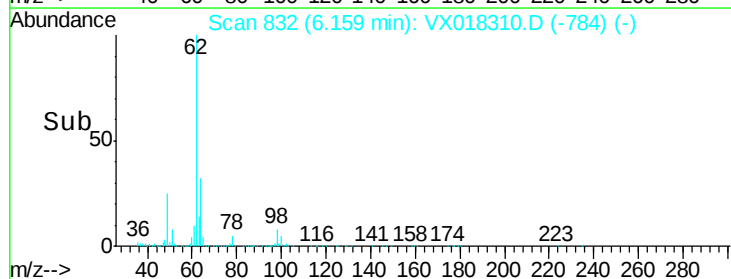
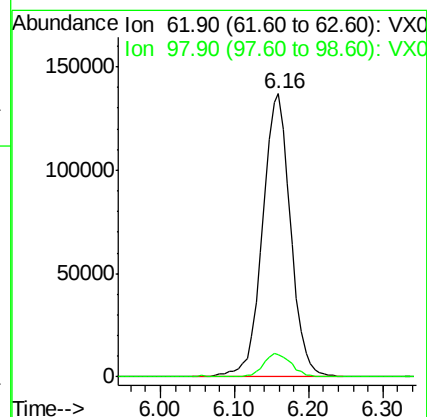
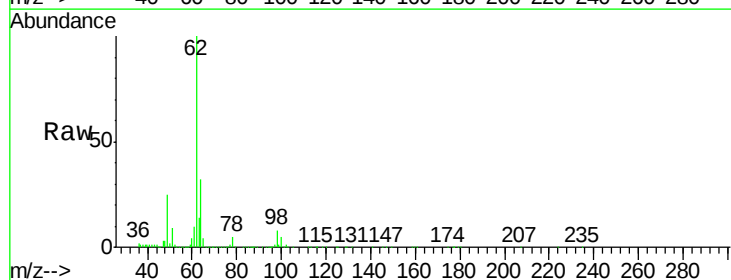
Manual Integrations
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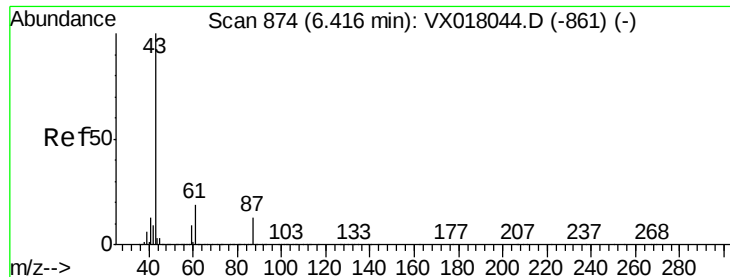
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#42
1,2-Dichloroethane
Concen: 54.259 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.2	0.0	18.2	





#43

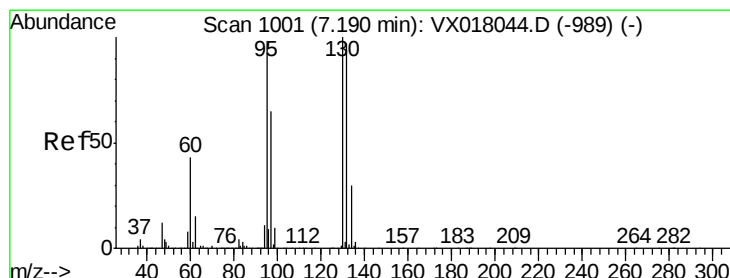
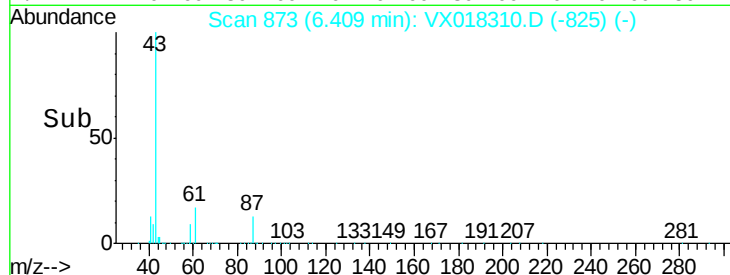
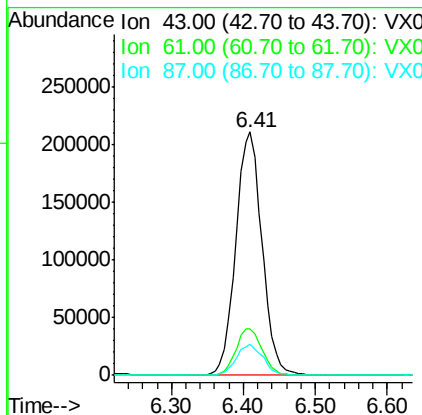
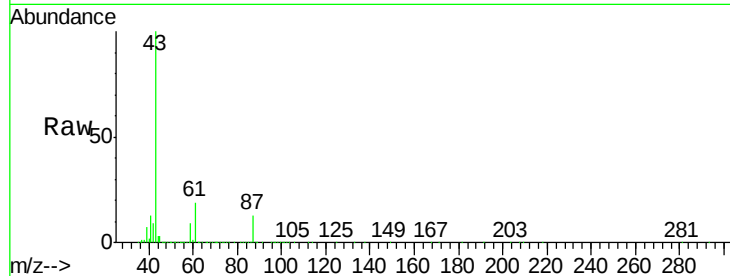
Isopropyl Acetate
 Concen: 47.843 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018310.D
 Acq: 09 Sep 2020 10:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.6	15.7	23.5
87	13.1	10.3	15.5

Manual Integrations
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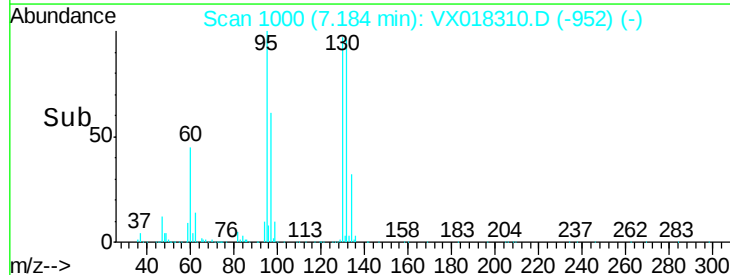
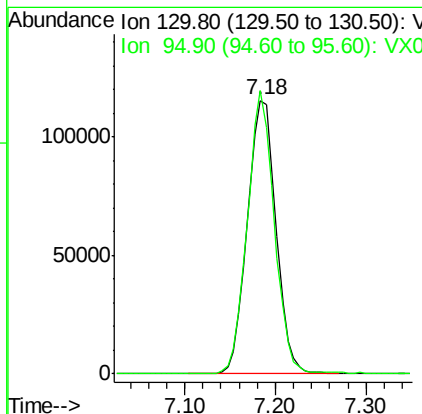
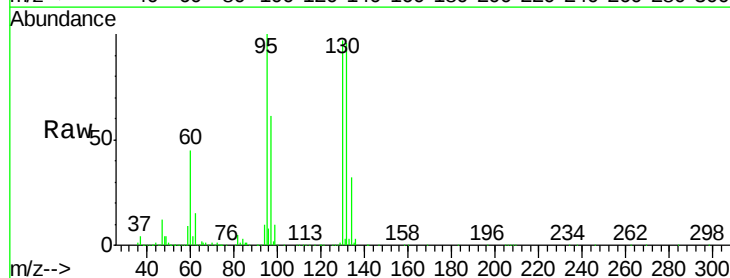
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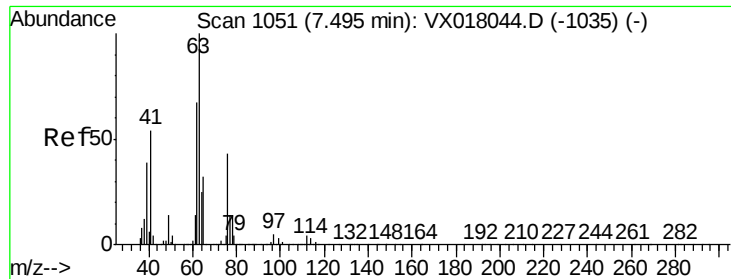


#44

Trichloroethene
 Concen: 51.750 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX018310.D
 Acq: 09 Sep 2020 10:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	103.3	0.0	196.4





#45

1,2-Dichloropropane

Concen: 50.105 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018310.D

Acq: 09 Sep 2020 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 234622

Ion Ratio Lower Upper

63 100

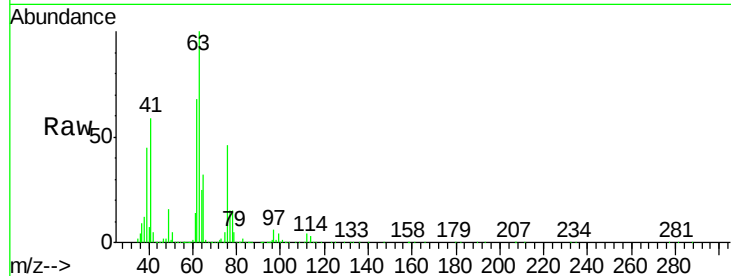
65 31.6 25.7 38.5

Manual Integrations

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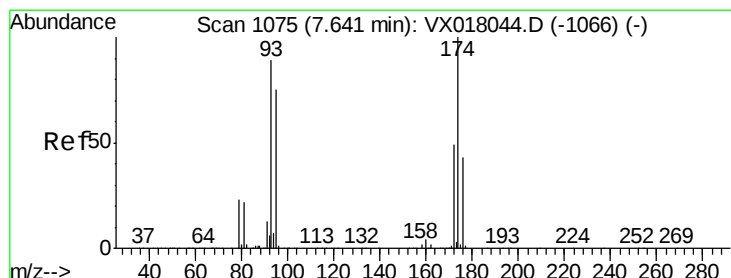
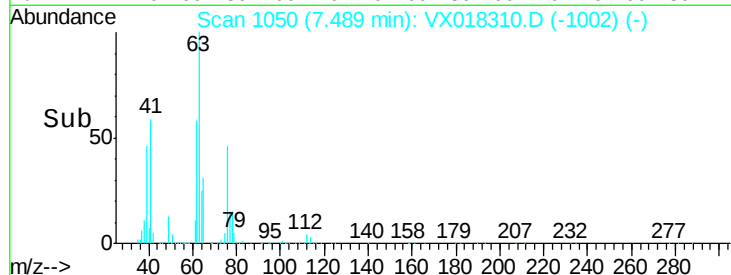
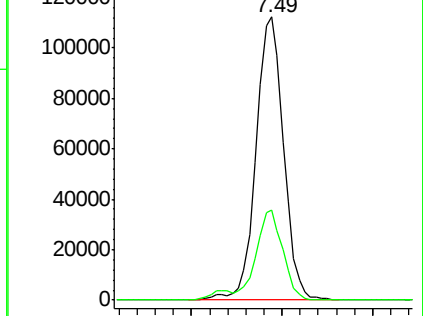
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.114 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018310.D

Acq: 09 Sep 2020 10:04

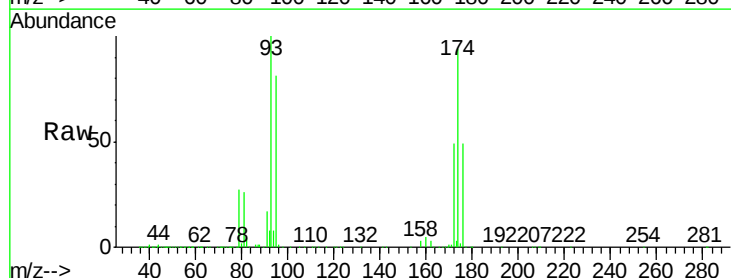
Tgt Ion: 93 Resp: 168310

Ion Ratio Lower Upper

93 100

95 80.5 67.3 100.9

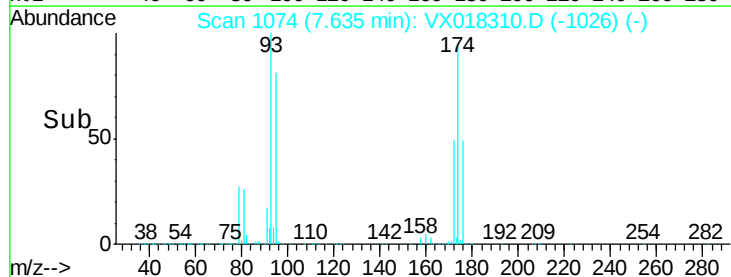
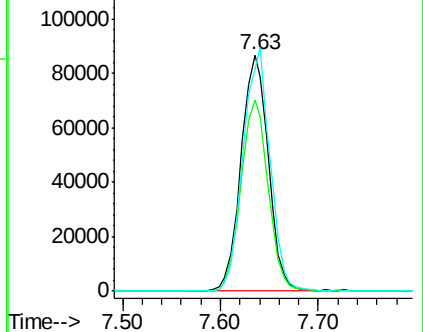
174 101.0 82.2 123.2

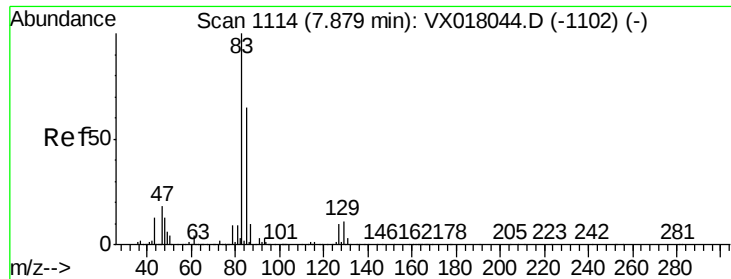


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 52.924 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018310.D

Acq: 09 Sep 2020 10:04

Instrument :

MSVOA_X

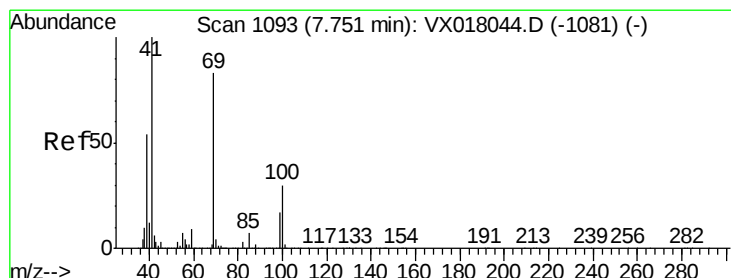
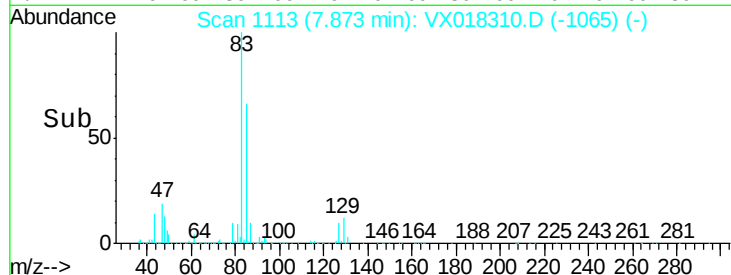
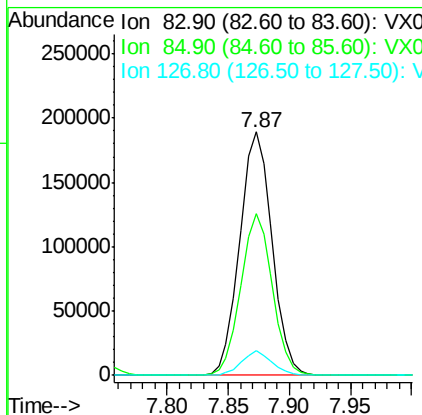
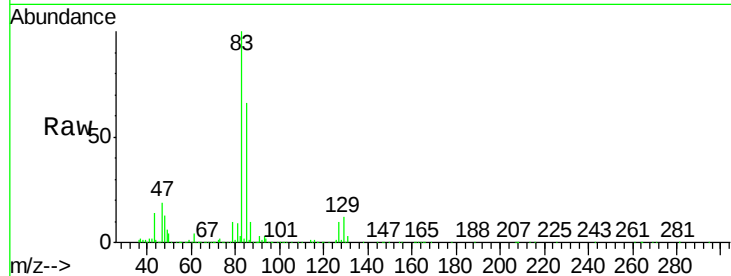
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	347966
Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.8	77.6
127	10.1	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 47.720 ug/l

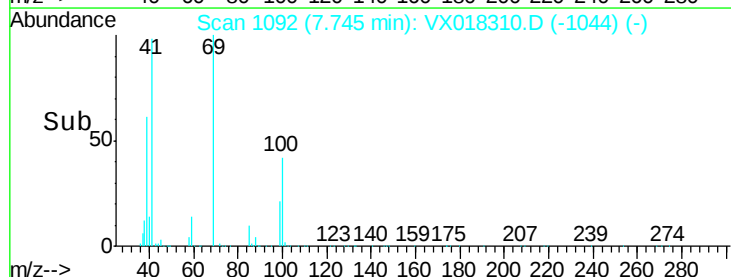
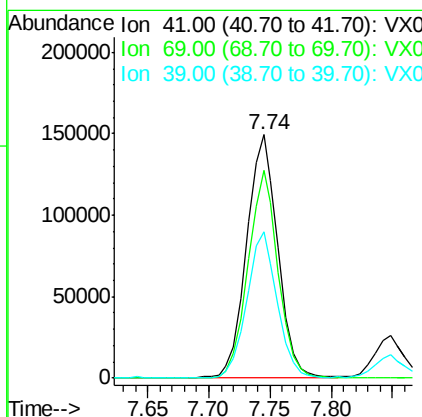
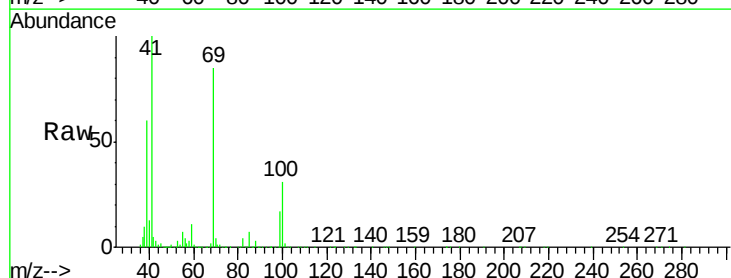
RT: 7.74 min Scan# 1092

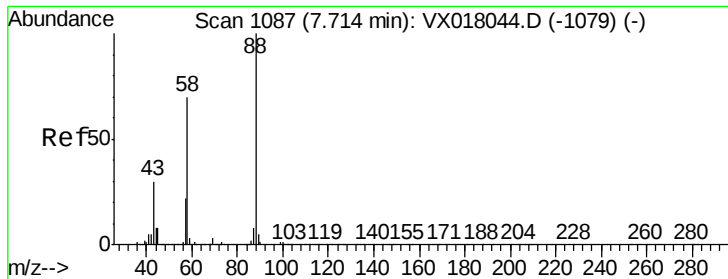
Delta R.T. -0.01 min

Lab File: VX018310.D

Acq: 09 Sep 2020 10:04

Tgt Ion:	41	Resp:	263492
Ion	Ratio	Lower	Upper
41	100		
69	82.7	65.5	98.3
39	58.4	44.5	66.7





#49

1,4-Dioxane

Concen: 964.786 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX018310.D

Acq: 09 Sep 2020 10:04

Instrument :

MSVOA_X

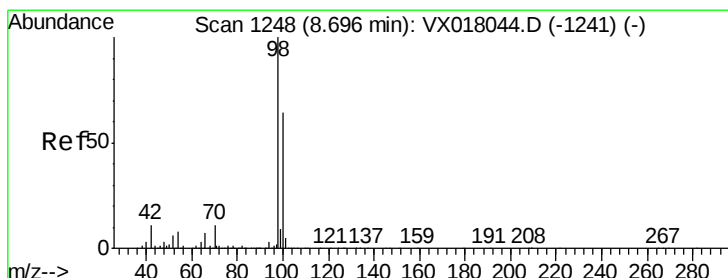
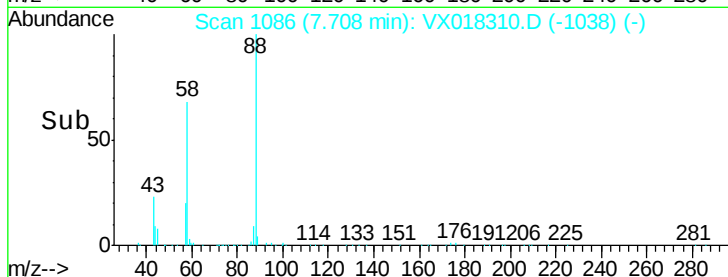
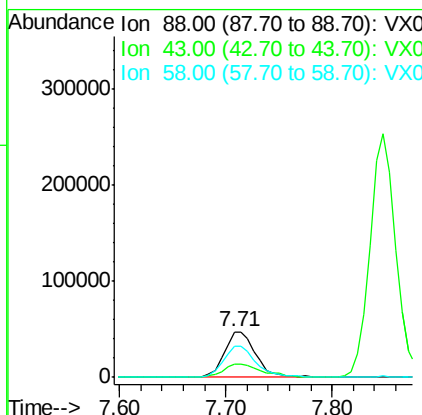
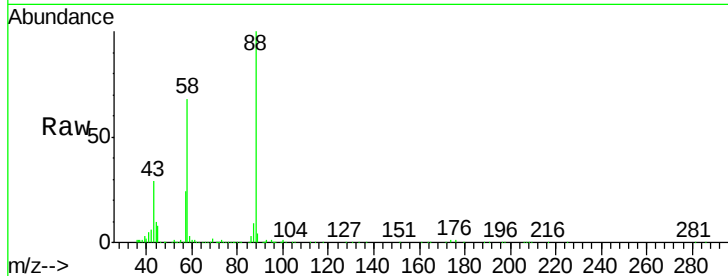
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	96498
Ion	Ratio	Lower	Upper
88	100		
43	35.9	27.4	41.0
58	70.9	56.4	84.6

Manual Integrations
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#50

Toluene-d8

Concen: 48.618 ug/l

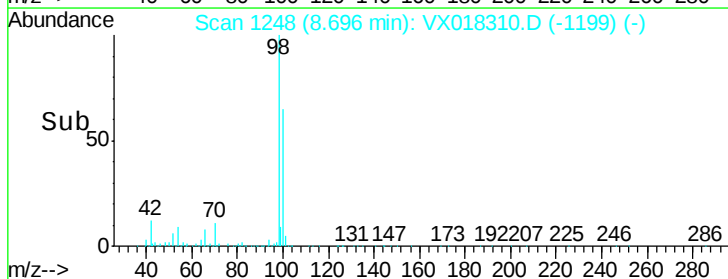
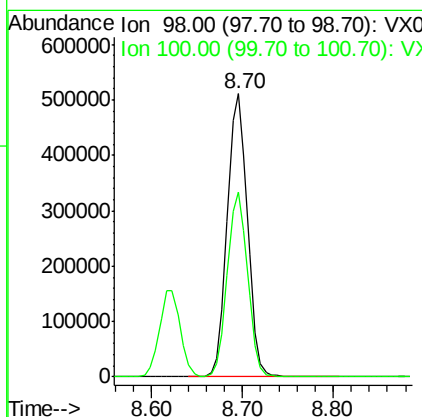
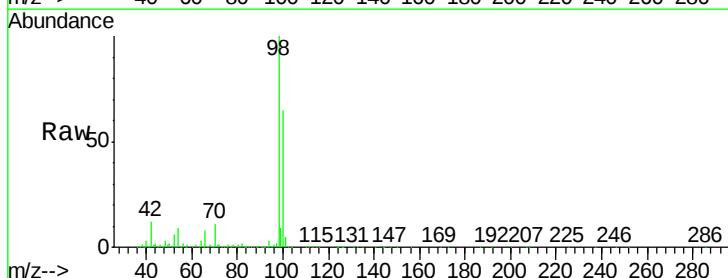
RT: 8.70 min Scan# 1248

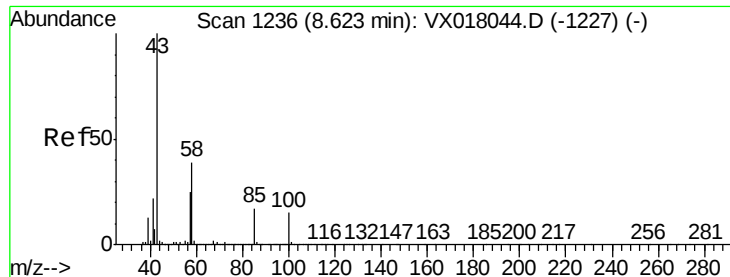
Delta R.T. -0.00 min

Lab File: VX018310.D

Acq: 09 Sep 2020 10:04

Tgt Ion:	98	Resp:	790580
Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.2	78.4





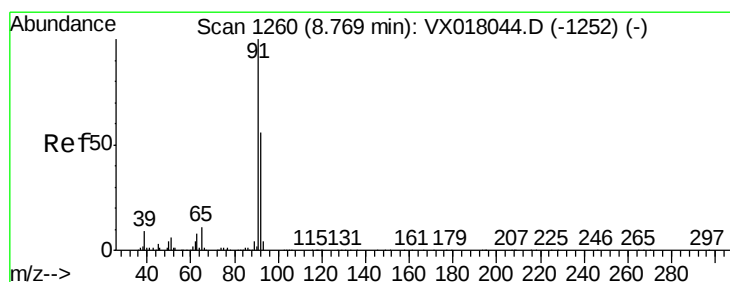
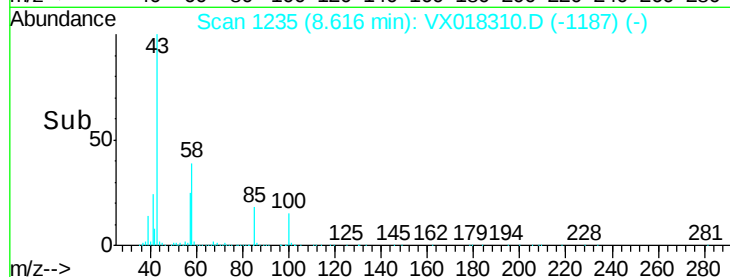
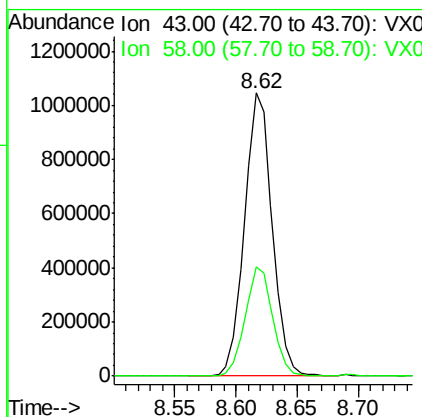
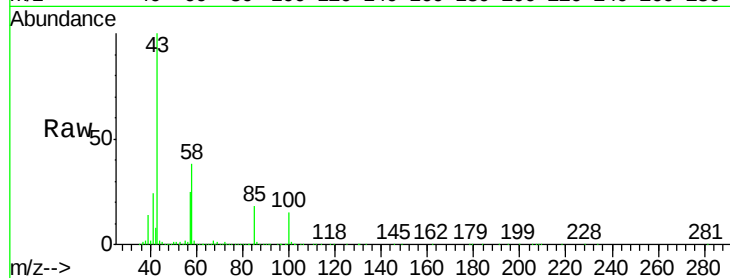
#51
4-Methyl-2-Pentanone
Concen: 239.393 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1640226
Ion Ratio Lower Upper
43 100
58 38.2 30.7 46.1

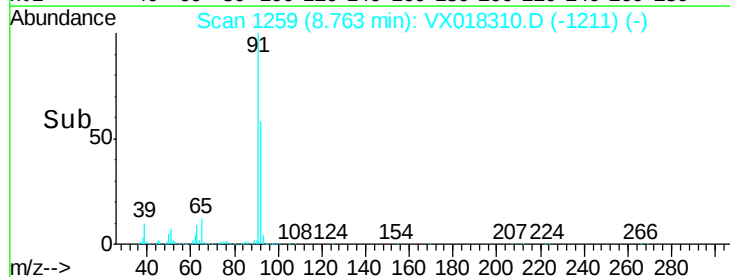
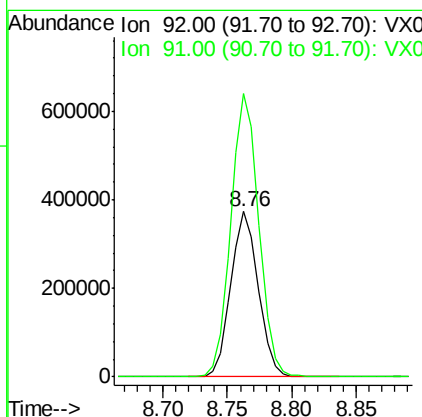
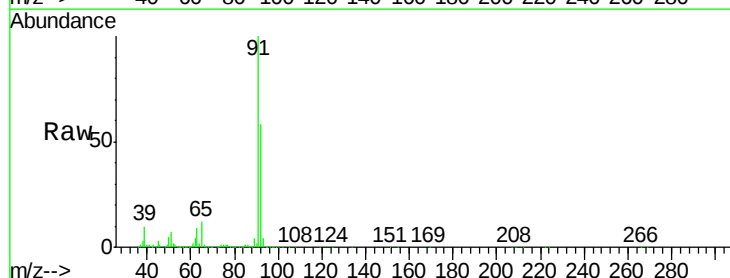
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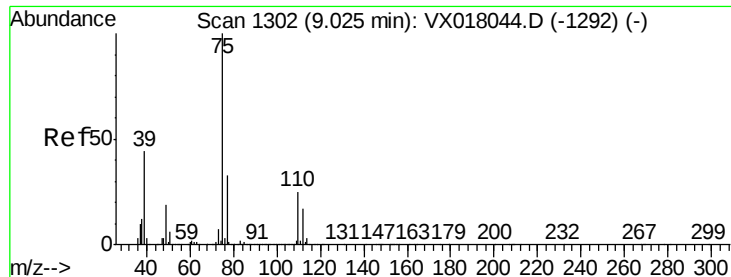
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#52
Toluene
Concen: 50.779 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Tgt Ion: 92 Resp: 559418
Ion Ratio Lower Upper
92 100
91 173.3 140.3 210.5





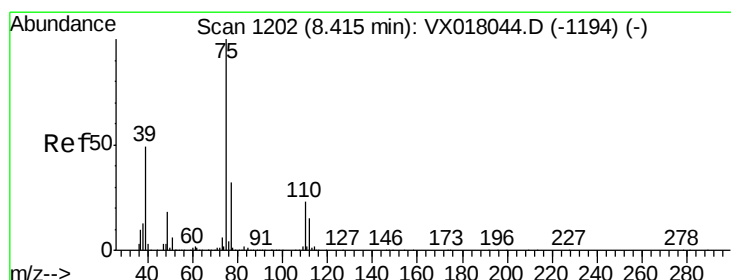
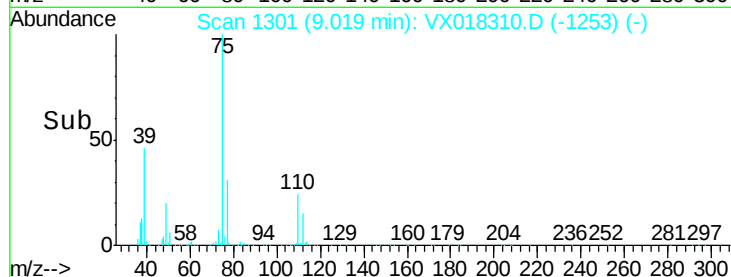
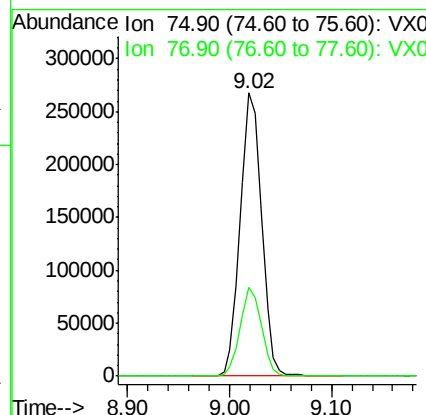
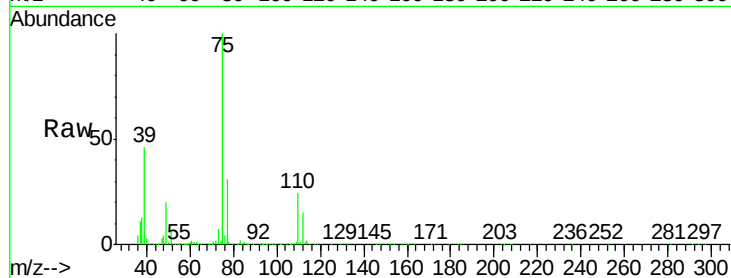
#53
t-1,3-Dichloropropene
Concen: 53.113 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.4	26.6	39.8

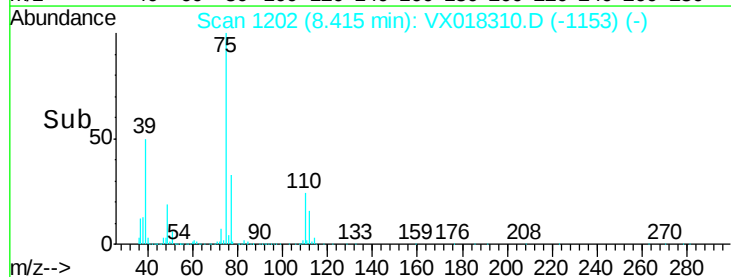
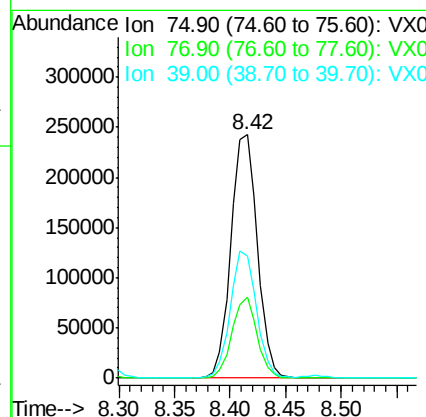
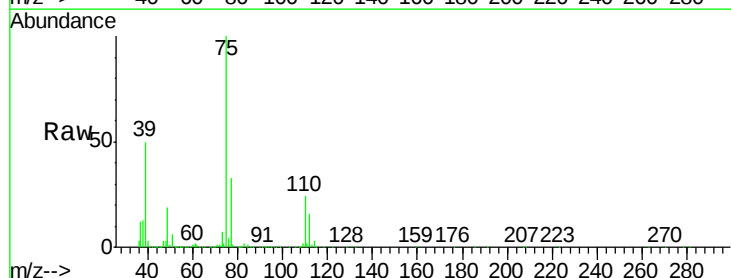
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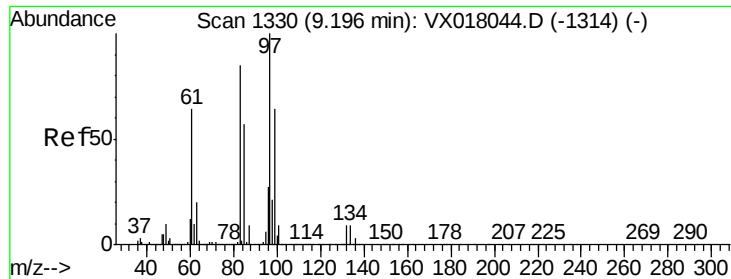
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#54
cis-1,3-Dichloropropene
Concen: 51.814 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.0	25.8	38.8
39	50.2	38.8	58.2





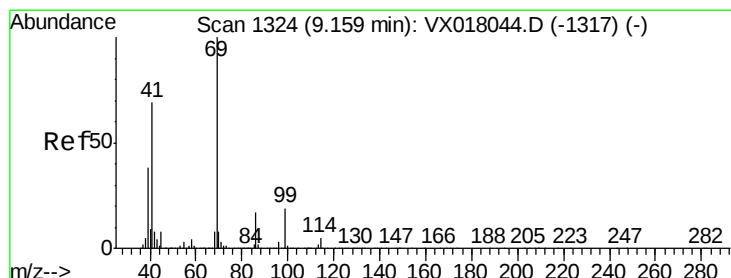
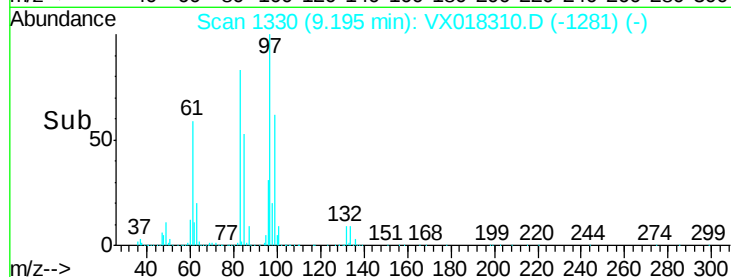
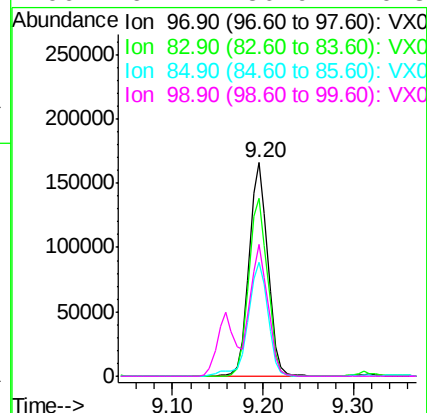
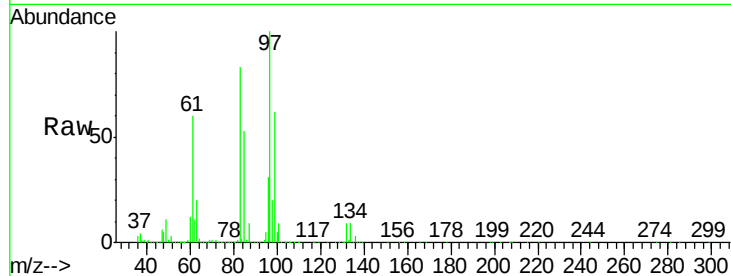
#55
 1,1,2-Trichloroethane
 Concen: 50.532 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018310.D
 Acq: 09 Sep 2020 10:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		237428		
83	83.0	67.8	101.6		
85	53.2	45.3	67.9		
99	61.4	50.9	76.3		

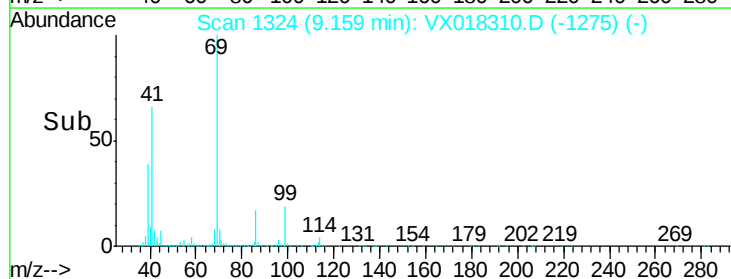
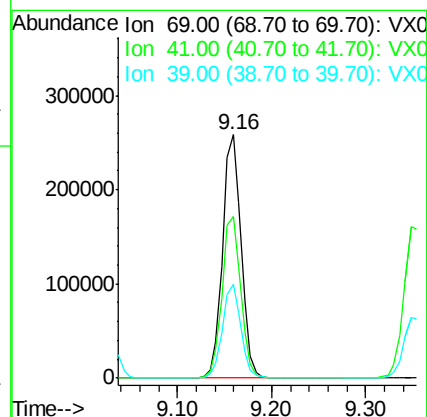
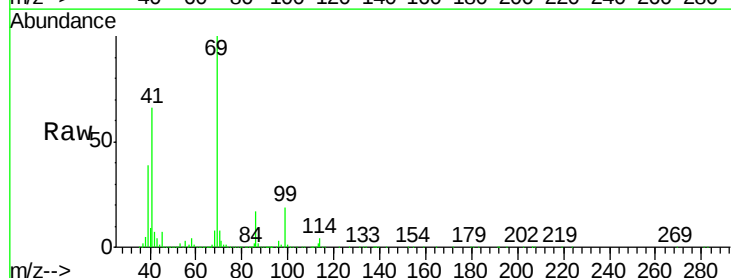
Manual Integrations
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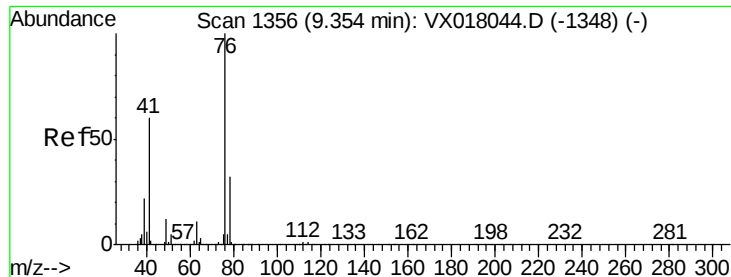
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#56
 Ethyl methacrylate
 Concen: 50.541 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018310.D
 Acq: 09 Sep 2020 10:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		353028		
41	67.1	54.6	81.8		
39	38.3	29.1	43.7		





#57

1,3-Dichloropropane

Concen: 49.195 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018310.D

Acq: 09 Sep 2020 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 381241

Ion Ratio Lower Upper

76 100

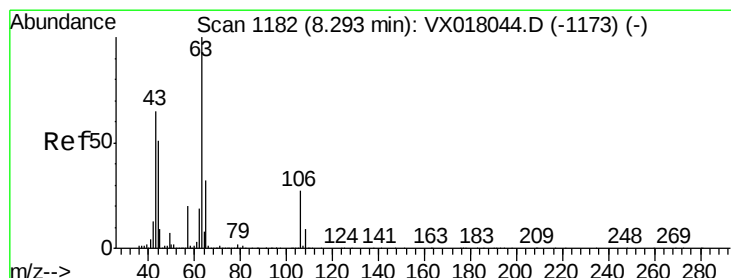
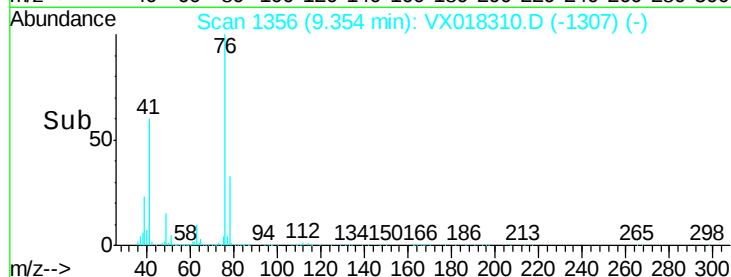
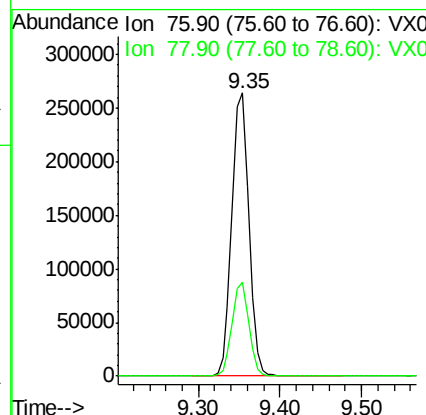
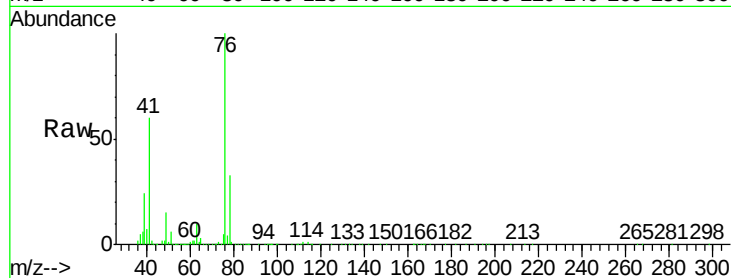
78 32.7 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 310.988 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018310.D

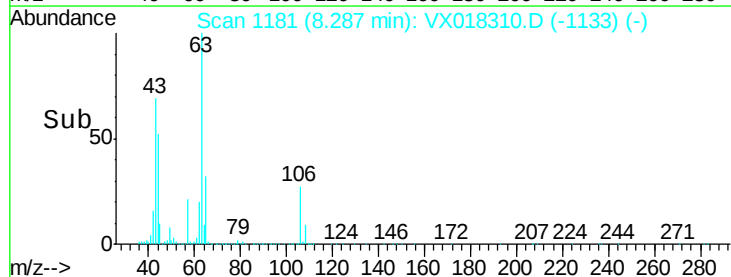
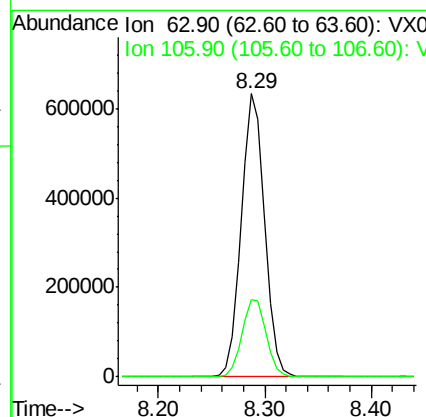
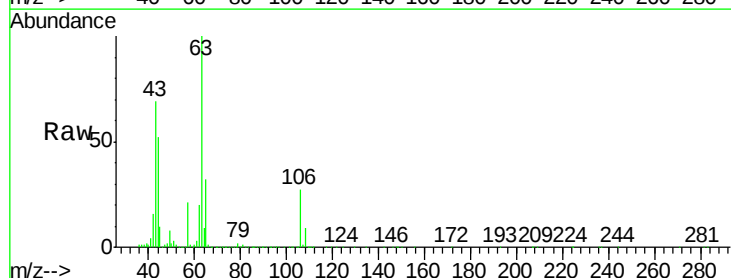
Acq: 09 Sep 2020 10:04

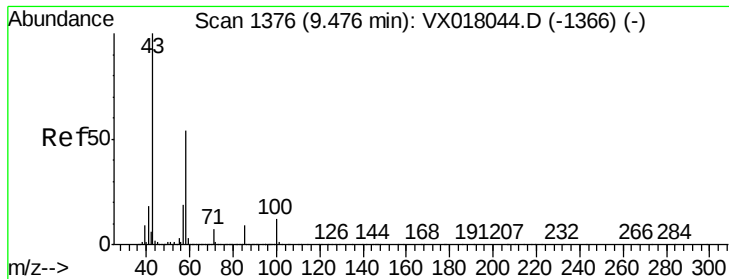
Tgt Ion: 63 Resp: 977169

Ion Ratio Lower Upper

63 100

106 28.4 22.1 33.1





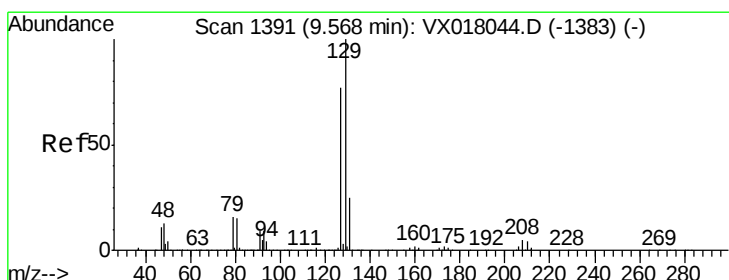
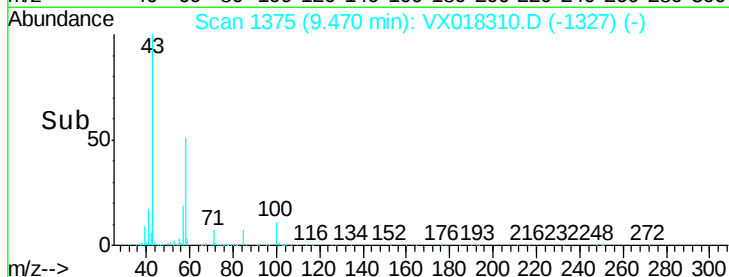
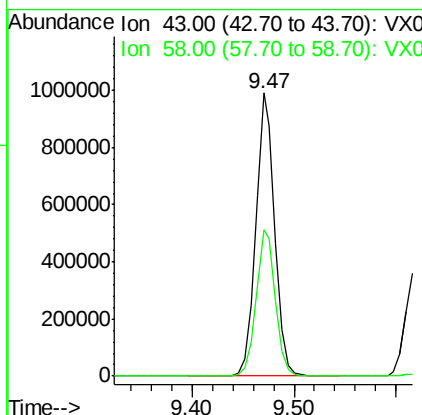
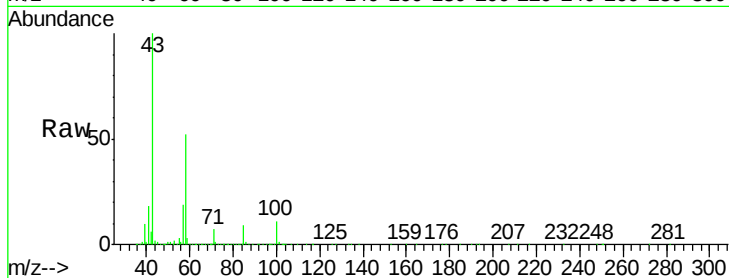
#59
2-Hexanone
Concen: 246.320 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1283292
Ion Ratio Lower Upper
43 100
58 52.7 26.6 79.7

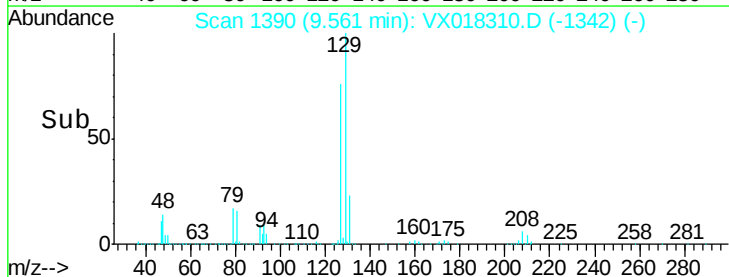
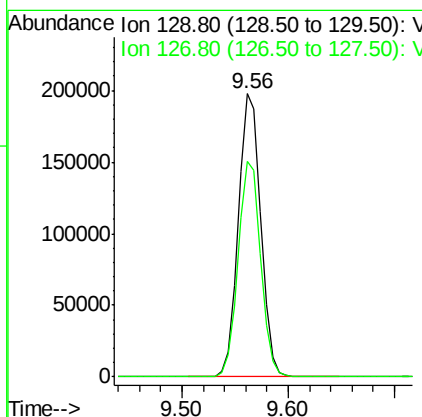
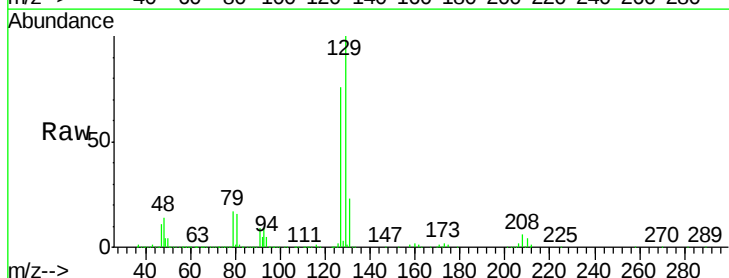
Manual Integrations
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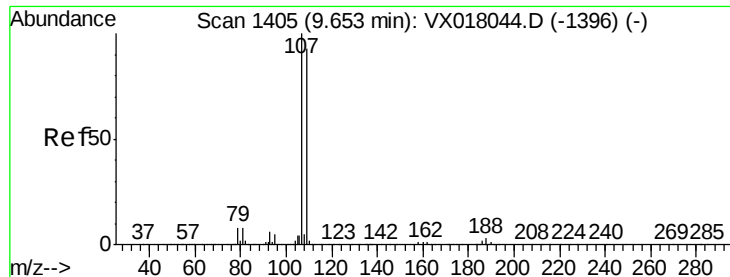
MMDadoda
9/10/2020 4:03:12 PM



#60
Dibromochloromethane
Concen: 53.095 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Tgt Ion: 129 Resp: 292654
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.6





#61

1,2-Dibromoethane

Concen: 49.012 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018310.D

Acq: 09 Sep 2020 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 250013

Ion Ratio Lower Upper

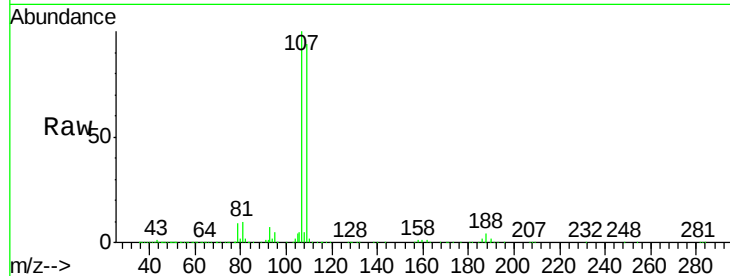
107 100

109 95.3 75.9 113.9

Manual Integrations
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

200000

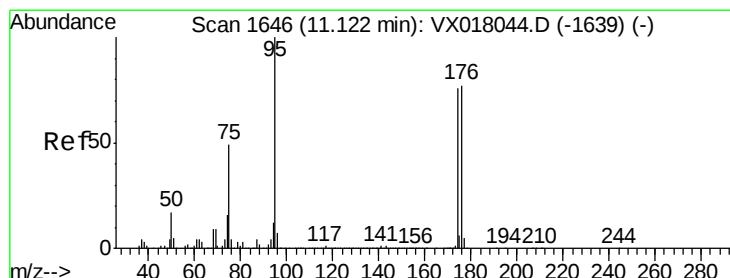
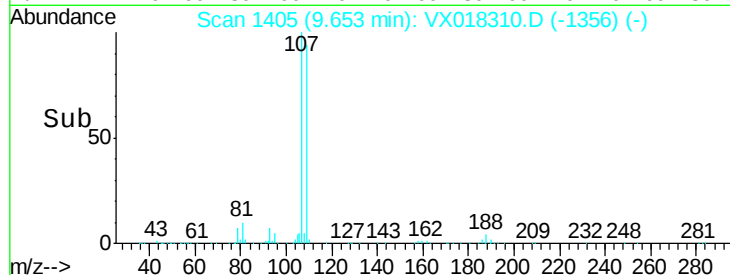
150000

100000

50000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 50.662 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018310.D

Acq: 09 Sep 2020 10:04

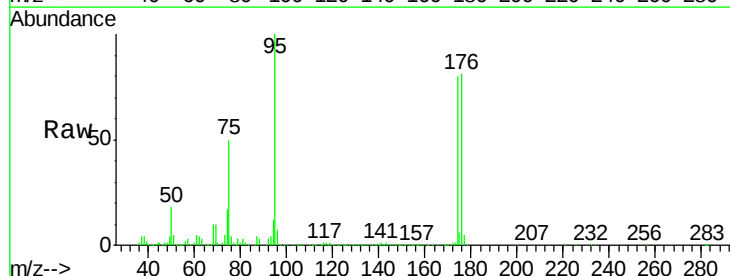
Tgt Ion: 95 Resp: 324119

Ion Ratio Lower Upper

95 100

174 83.2 0.0 160.2

176 78.1 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

11.12

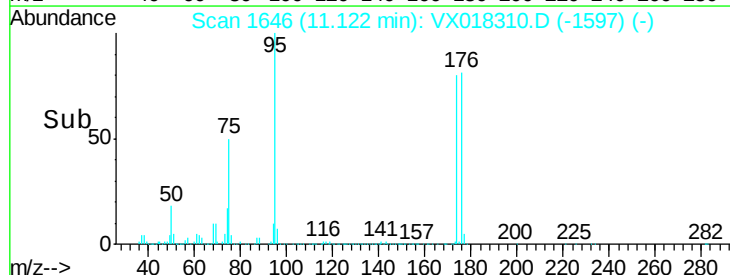
300000

200000

100000

0

Time--> 11.05 11.10 11.15 11.20





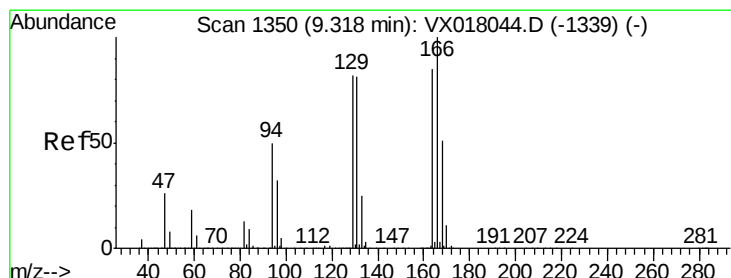
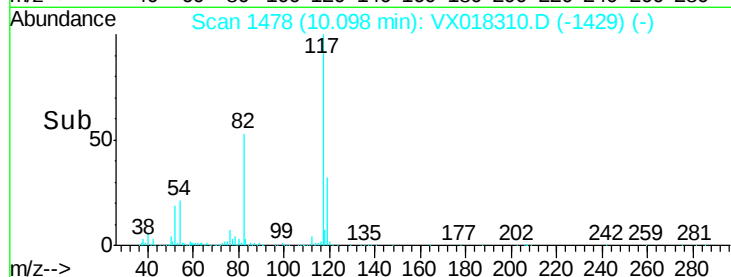
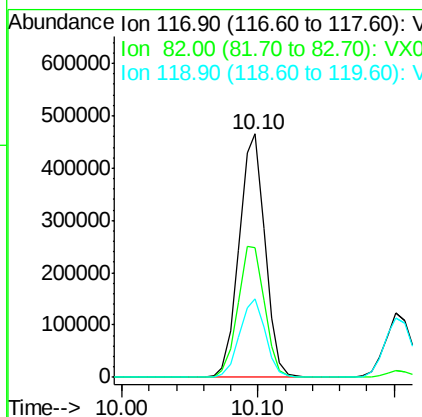
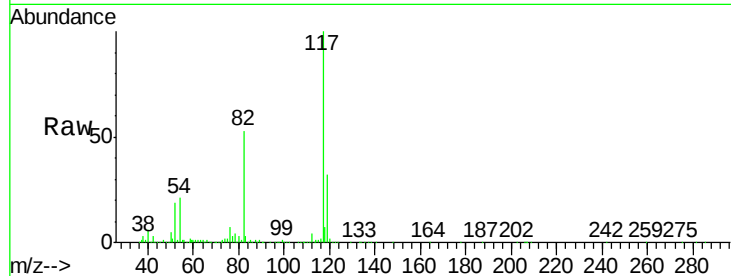
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	616761		
82	53.4	44.2	66.2	
119	32.1	25.7	38.5	

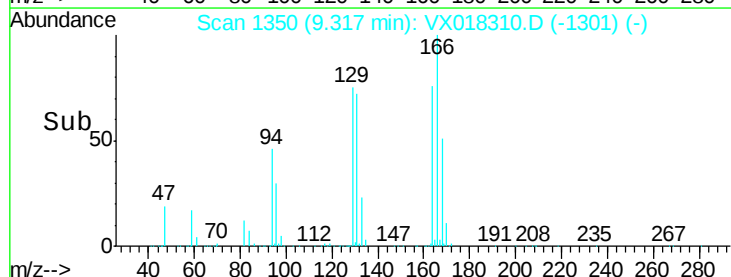
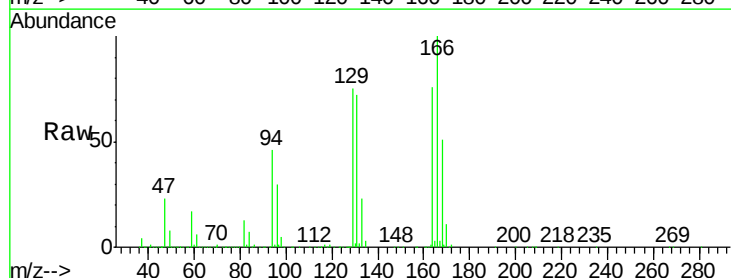
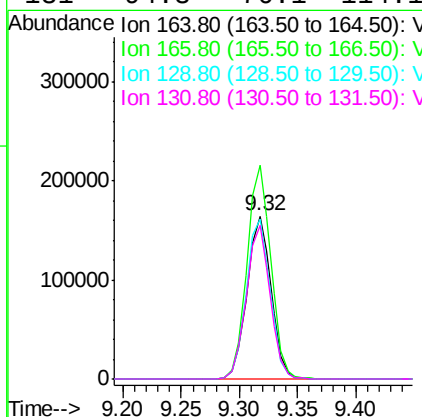
Manual Integrations
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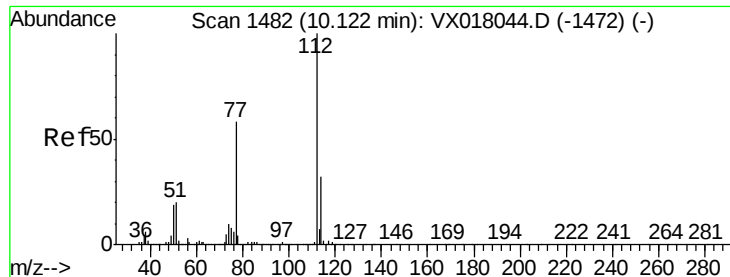
MMDadoda
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#64
Tetrachloroethene
Concen: 52.350 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	237268		
166	131.3	94.2	141.2	
129	98.3	76.9	115.3	
131	94.3	76.1	114.1	





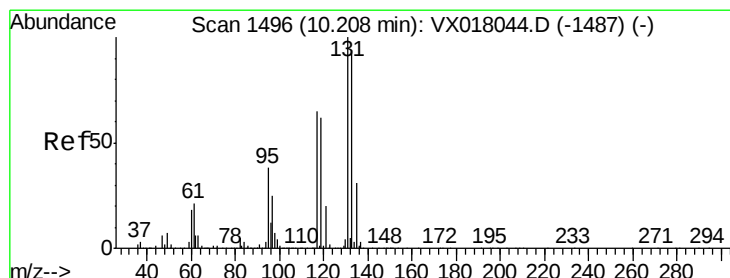
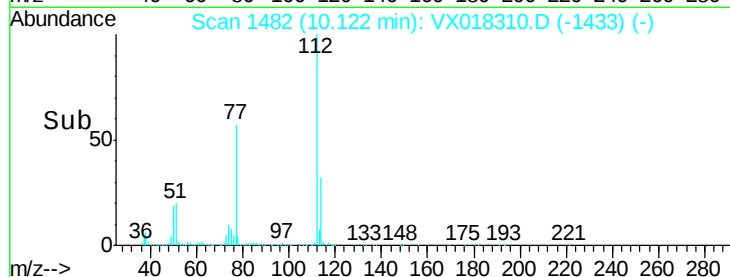
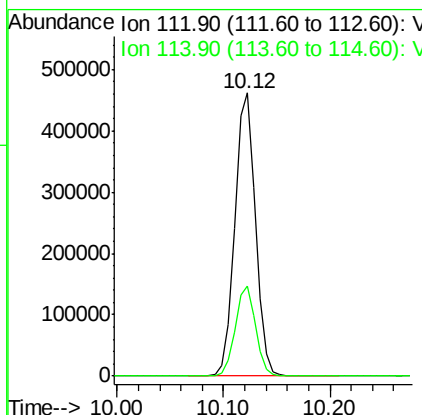
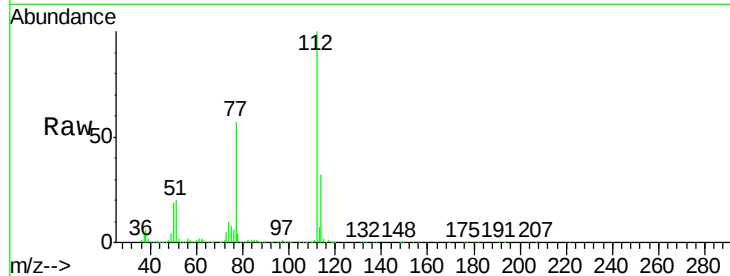
#65
Chlorobenzene
Concen: 51.003 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.7	25.7	38.5

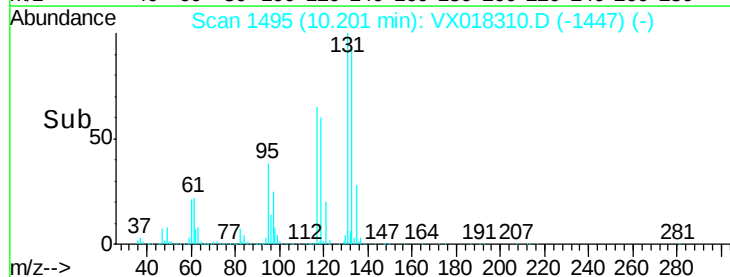
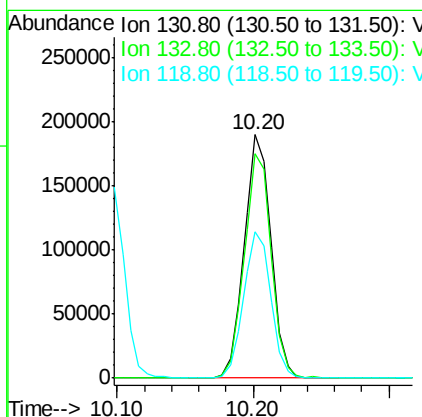
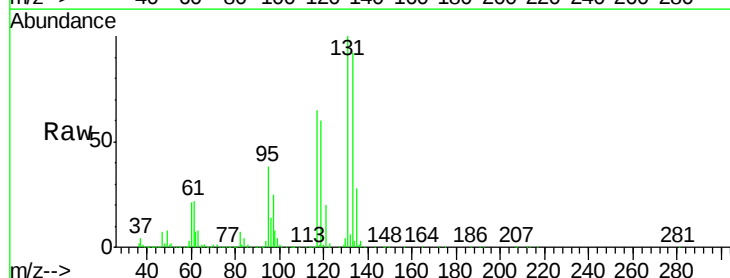
Manual Integrations
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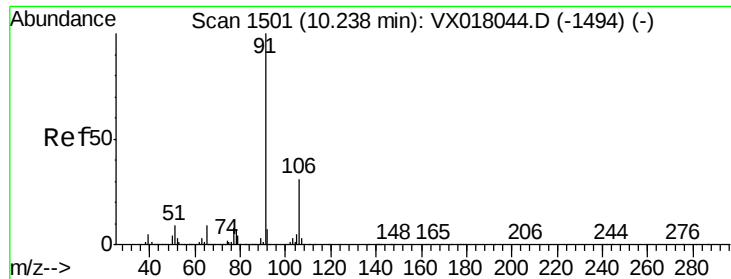
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.683 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Tgt Ion	Ratio	Lower	Upper
131	100		
133	93.2	46.7	140.1
119	61.6	31.8	95.4





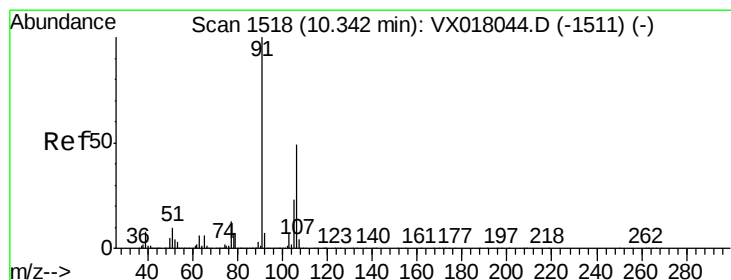
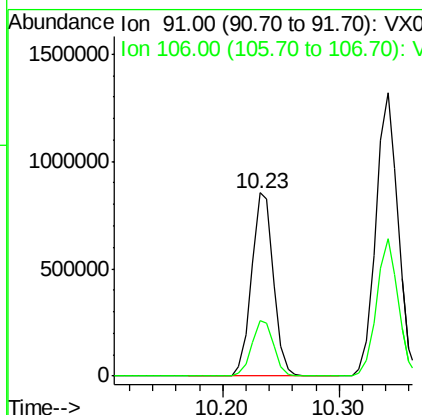
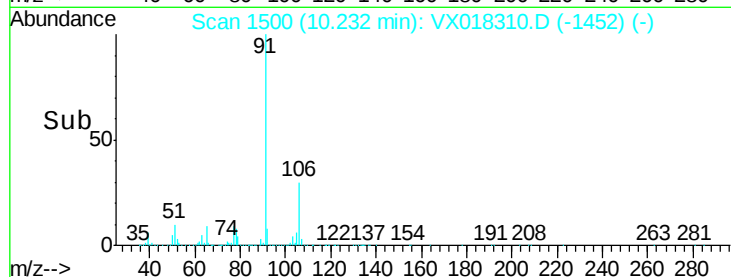
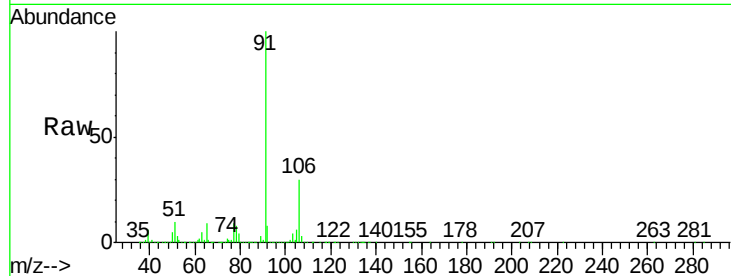
#67
Ethyl Benzene
Concen: 53.242 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 1115313
Ion Ratio Lower Upper
91 100
106 30.3 24.9 37.3

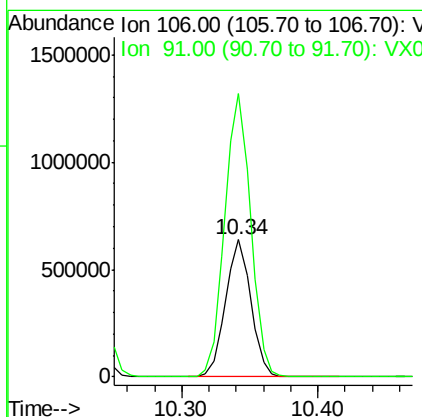
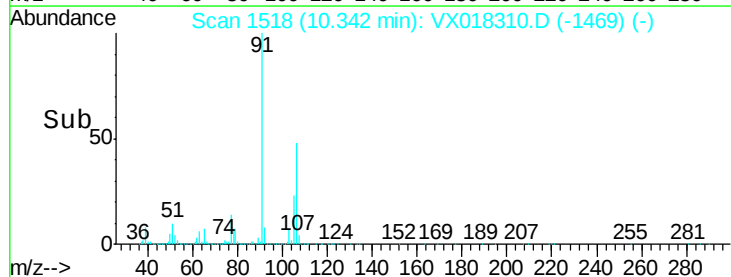
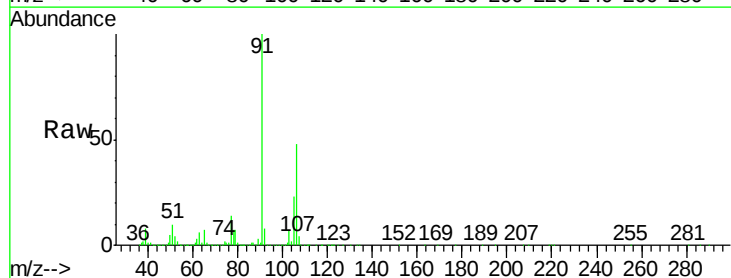
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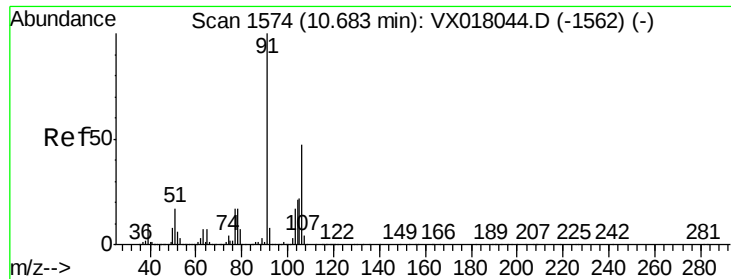
MMDadoda
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#68
m/p-Xylenes
Concen: 105.561 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Tgt Ion: 106 Resp: 825363
Ion Ratio Lower Upper
106 100
91 211.8 162.2 243.2





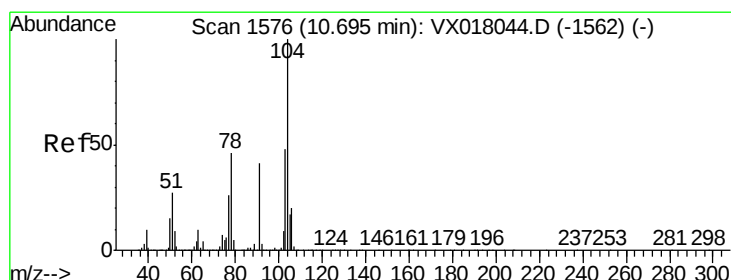
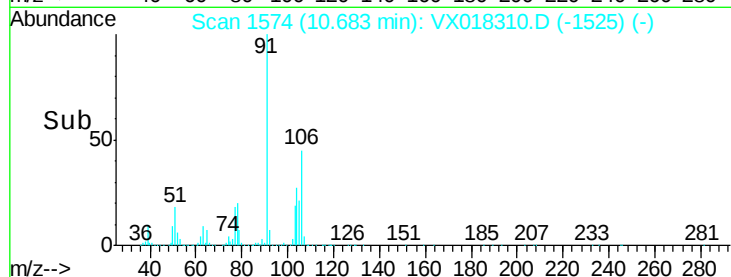
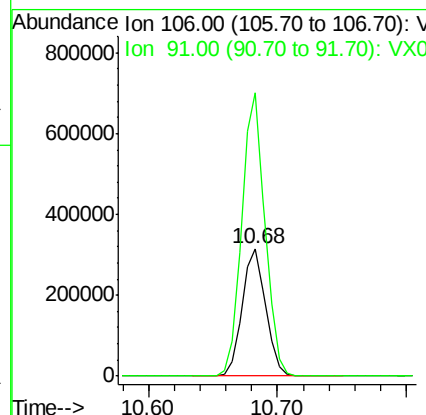
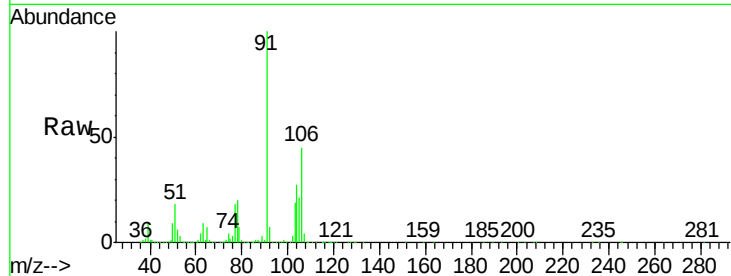
#69
o-Xylene
Concen: 52.771 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	218.6	107.1	321.3

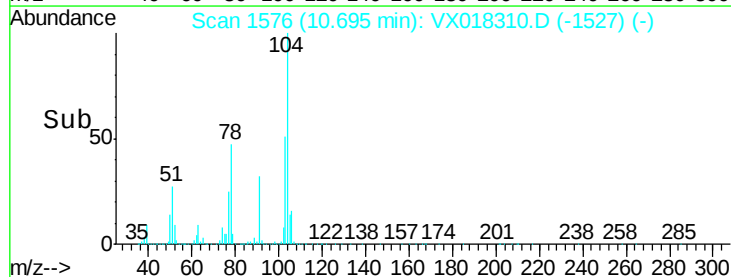
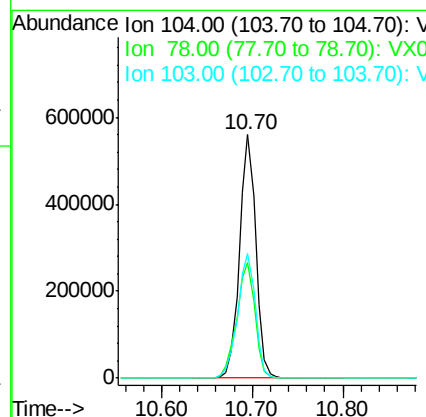
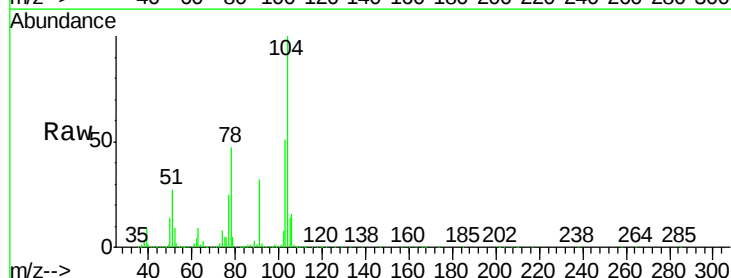
Manual Integrations
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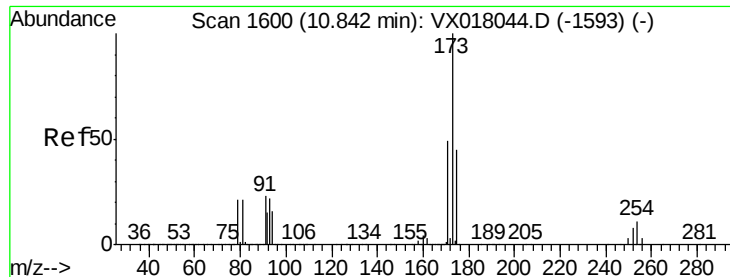
MMDadoda
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#70
Styrene
Concen: 53.882 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Tgt Ion	Ratio	Lower	Upper
104	100		
78	53.1	40.9	61.3
103	56.1	43.6	65.4





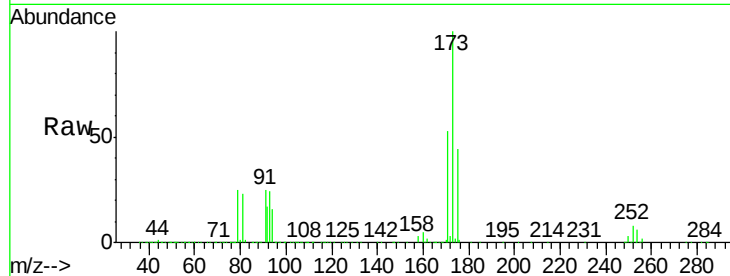
#71
Bromoform
Concen: 53.544 ug/l
RT: 10.84 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
173	100	221732		
175	48.1	23.9	71.8	
254	0.2	0.2	0.2	

Manual Integrations
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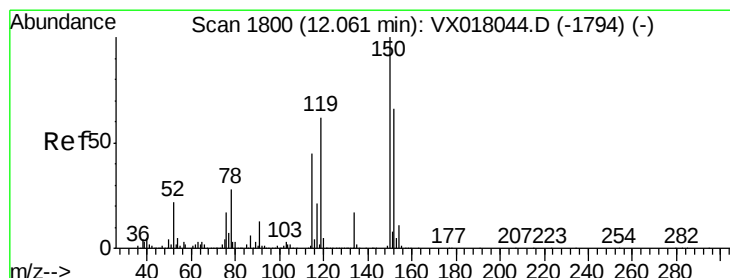
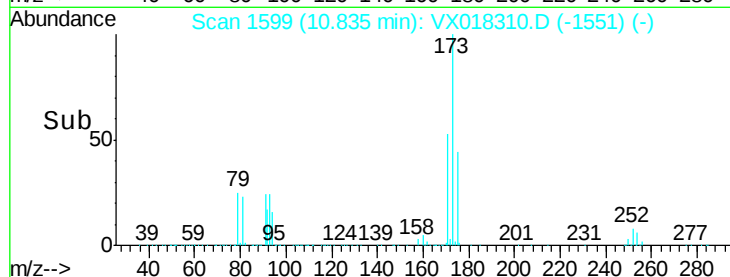
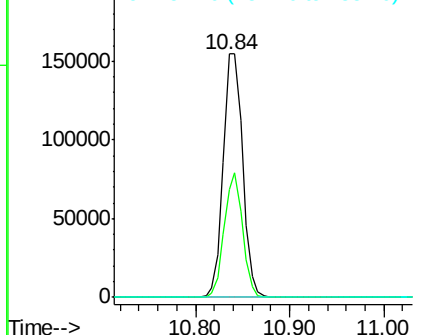


Abundance

Ion 172.70 (172.40 to 173.40): V

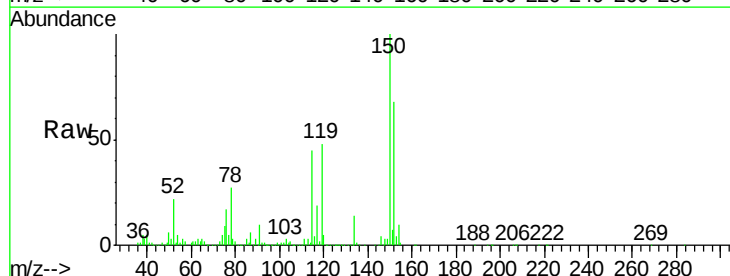
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	351329		
115	84.4	41.5	124.5	
150	170.6	0.0	343.8	

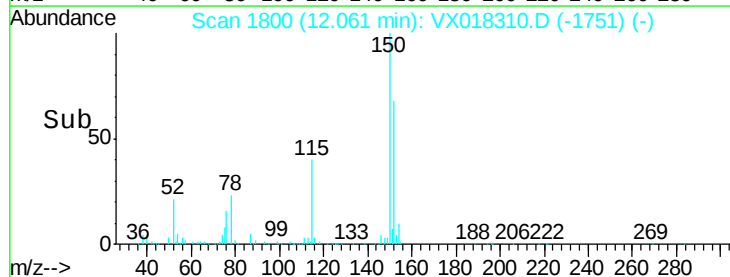
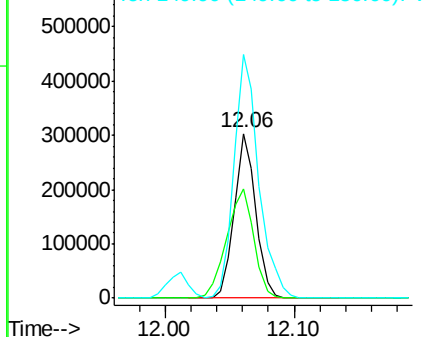


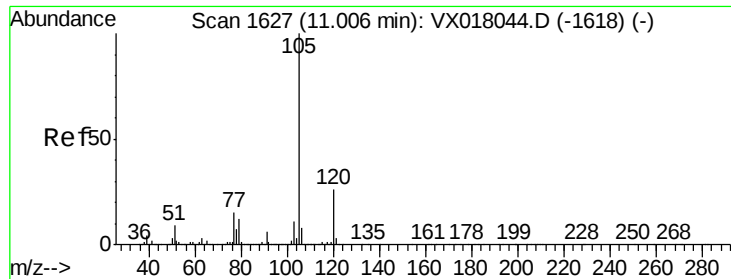
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.971 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018310.D

Acq: 09 Sep 2020 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1111677

Ion Ratio Lower Upper

105 100

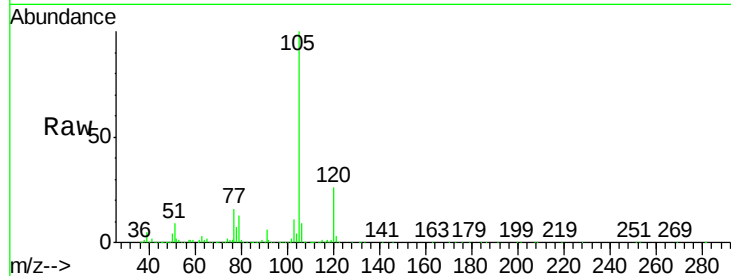
120 26.9

13.2 39.5

Manual Integrations
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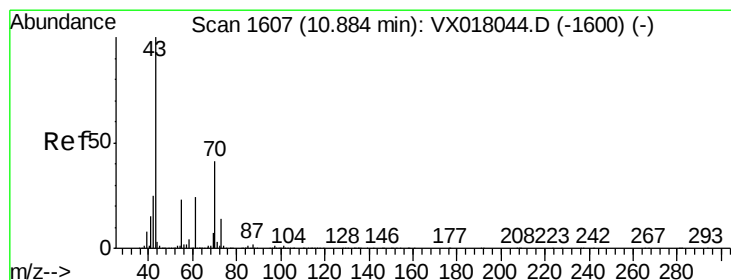
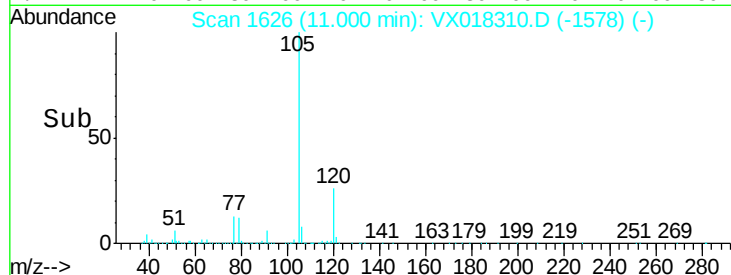
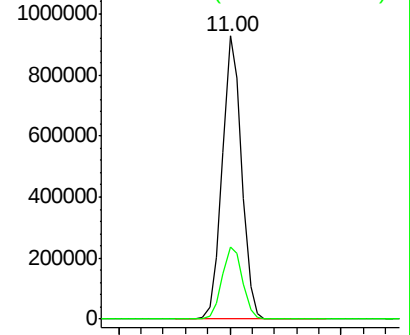
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 43.136 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018310.D

Acq: 09 Sep 2020 10:04

Tgt Ion: 43 Resp: 474298

Ion Ratio Lower Upper

43 100

70 41.3

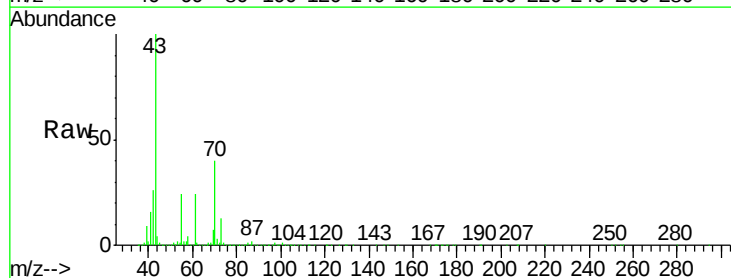
32.3 48.5

55 24.1

18.2 27.2

61 24.0

18.9 28.3

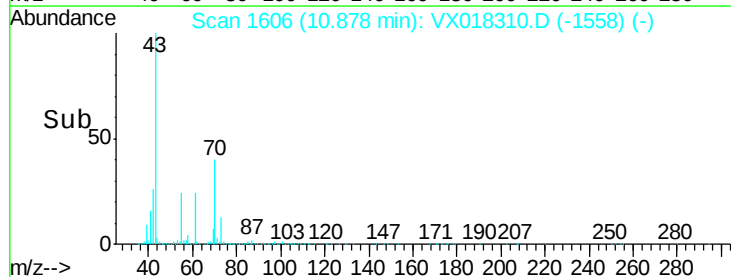
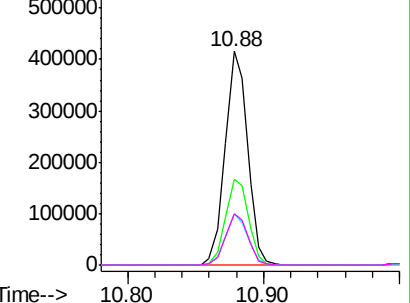


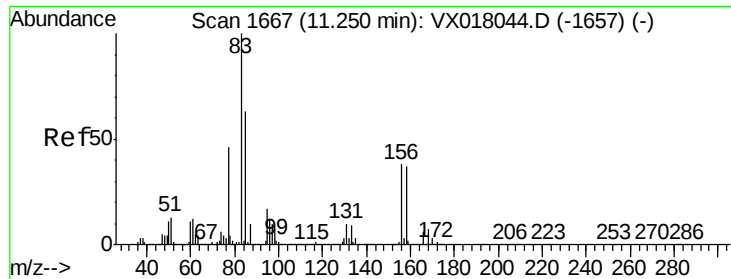
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 43.793 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018310.D

Acq: 09 Sep 2020 10:04

Instrument :

MSVOA_X

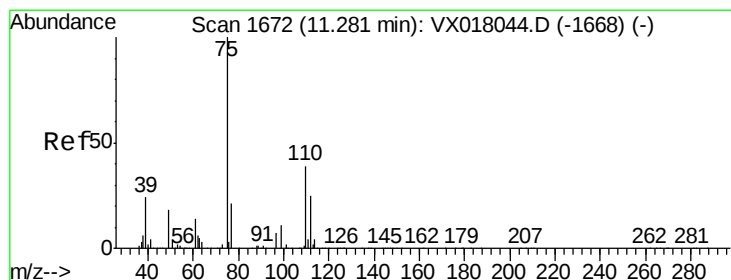
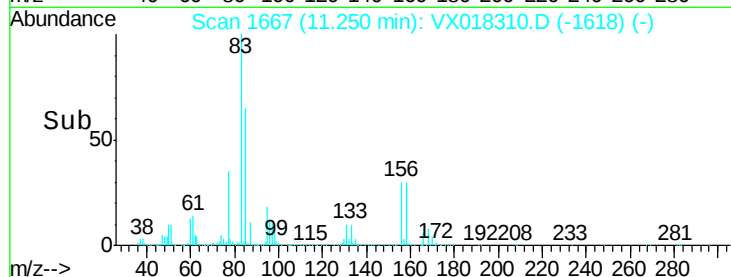
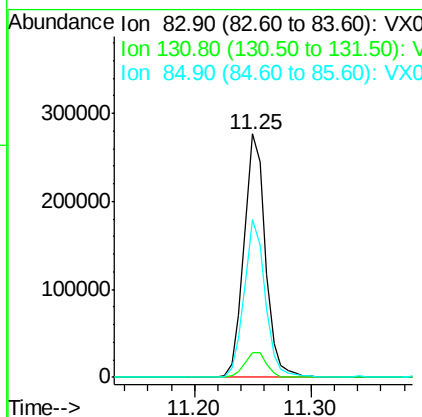
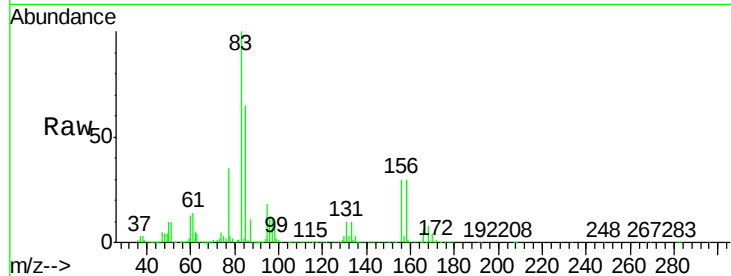
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	358011
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.1	15.4
85	64.1	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 44.056 ug/l m

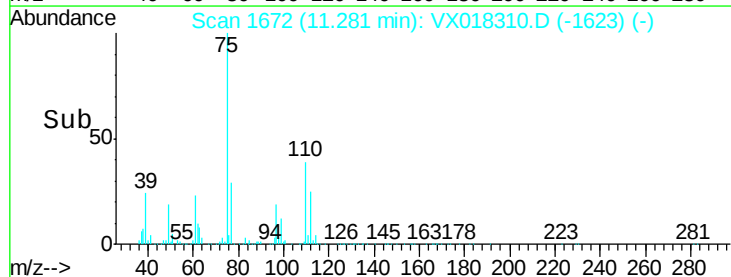
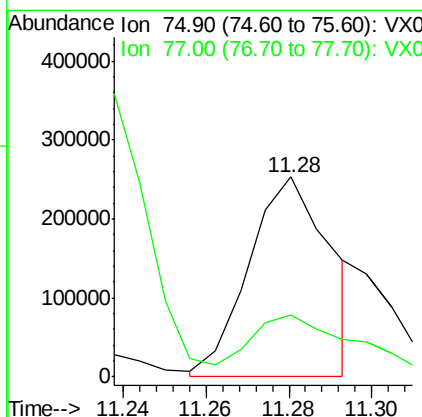
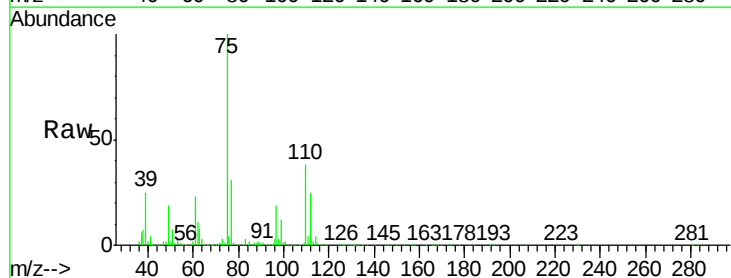
RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018310.D

Acq: 09 Sep 2020 10:04

Tgt Ion:	75	Resp:	344315
Ion Ratio	Lower	Upper	
75	100		
77	40.4	20.8	62.2





#77

Bromobenzene

Concen: 46.203 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018310.D

Acq: 09 Sep 2020 10:04

Instrument :

MSVOA_X

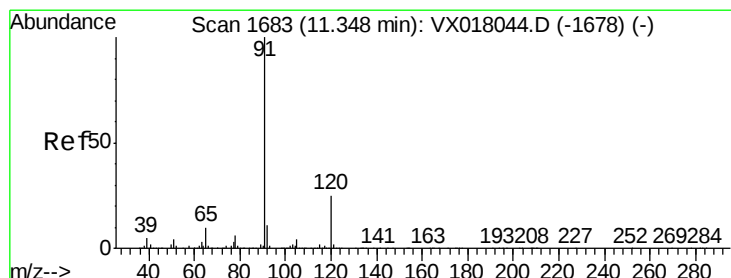
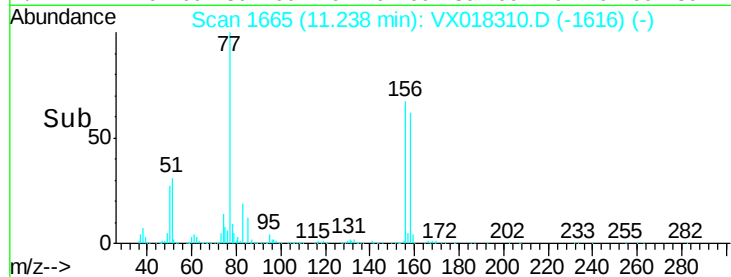
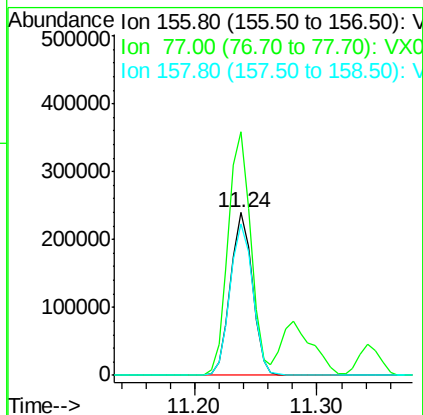
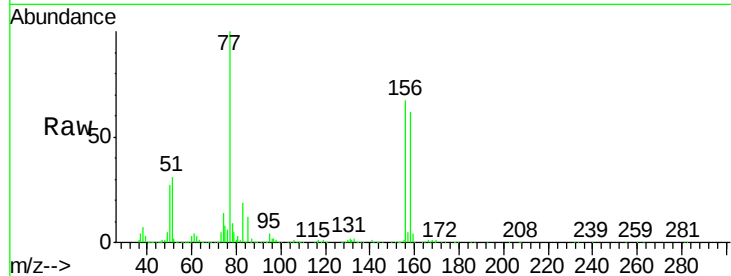
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	295965
Ion Ratio	Lower	Upper	
156	100		
77	155.2	80.0	240.2
158	97.0	49.5	148.7

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#78

n-propylbenzene

Concen: 48.955 ug/l

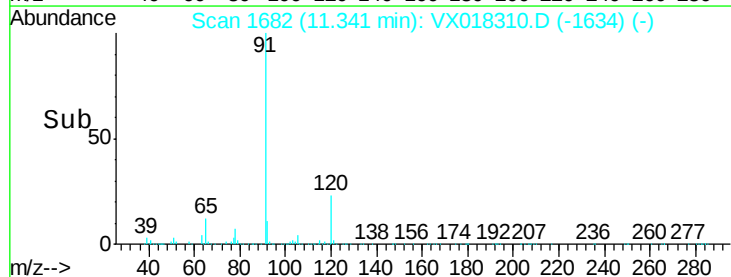
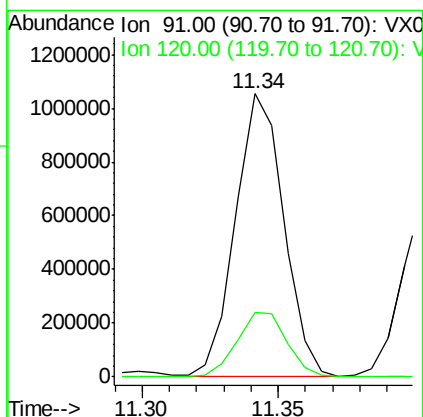
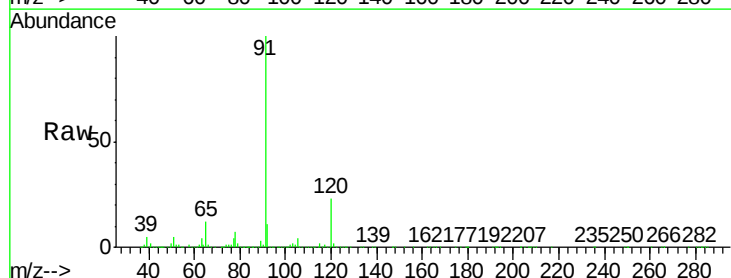
RT: 11.34 min Scan# 1682

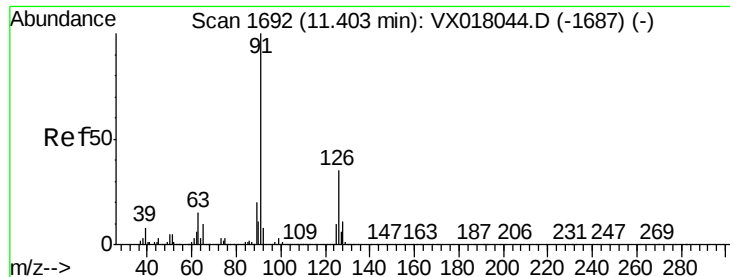
Delta R.T. -0.01 min

Lab File: VX018310.D

Acq: 09 Sep 2020 10:04

Tgt Ion:	91	Resp:	1288144
Ion Ratio	Lower	Upper	
91	100		
120	23.8	11.9	35.9





#79

2-Chlorotoluene

Concen: 47.475 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018310.D

Acq: 09 Sep 2020 10:04

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 771784

Ion Ratio Lower Upper

91 100

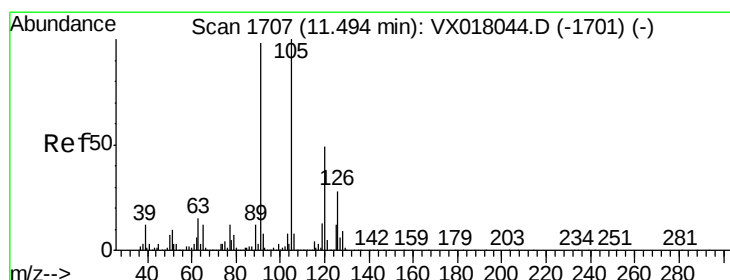
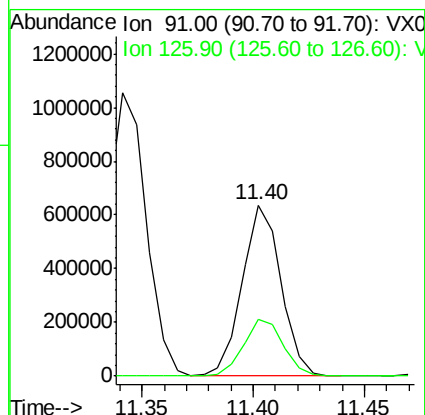
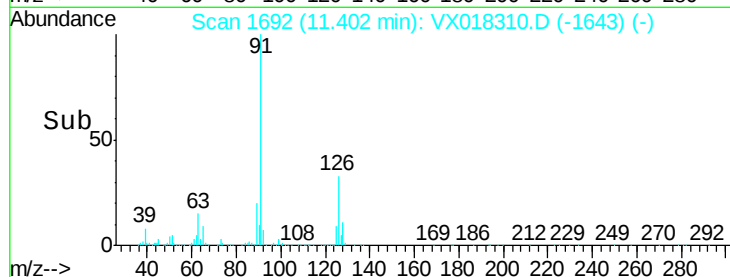
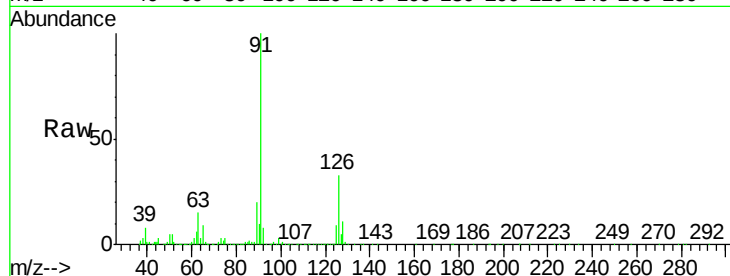
126 34.4 17.4 52.2

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#80

1,3,5-Trimethylbenzene

Concen: 50.360 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018310.D

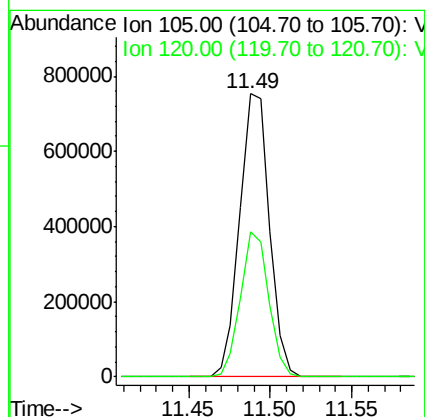
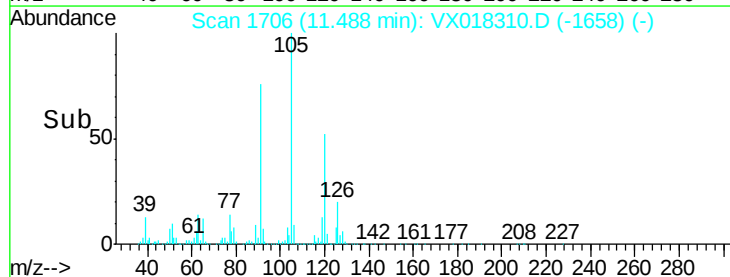
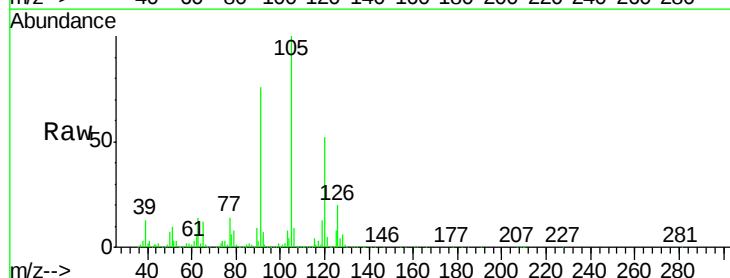
Acq: 09 Sep 2020 10:04

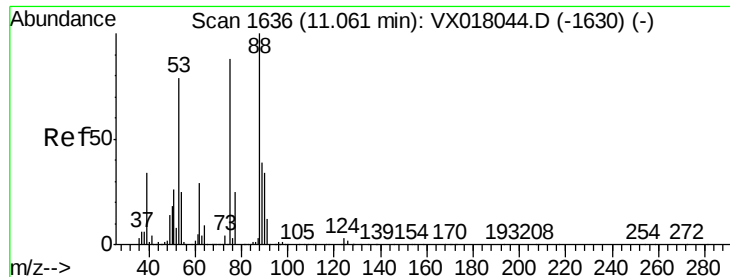
Tgt Ion: 105 Resp: 959031

Ion Ratio Lower Upper

105 100

120 48.9 24.1 72.2





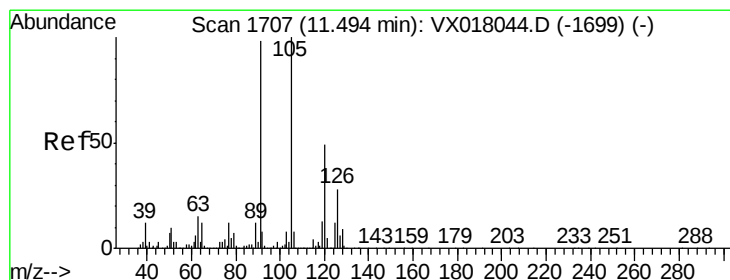
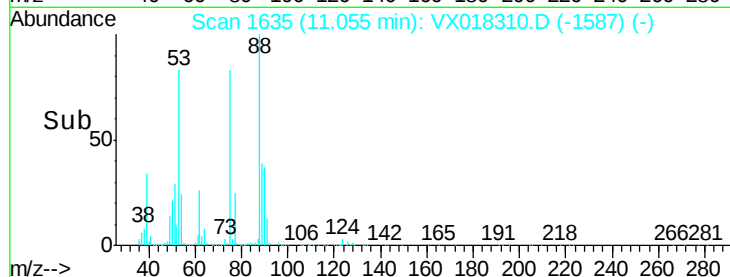
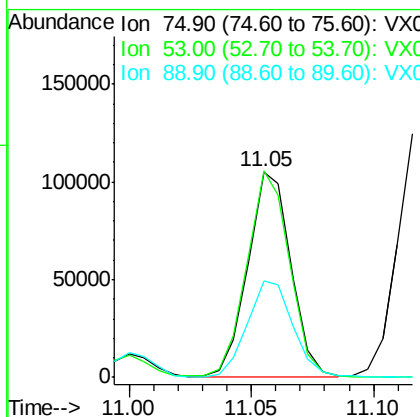
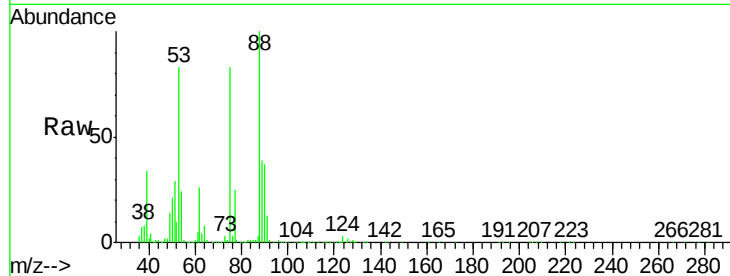
#81
trans-1,4-Dichloro-2-butene
Concen: 44.596 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.1	74.7	112.1
89	50.1	36.6	54.8

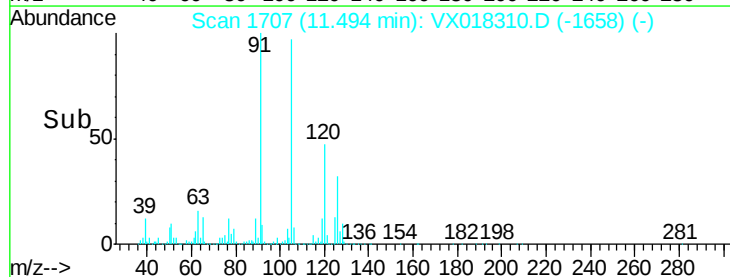
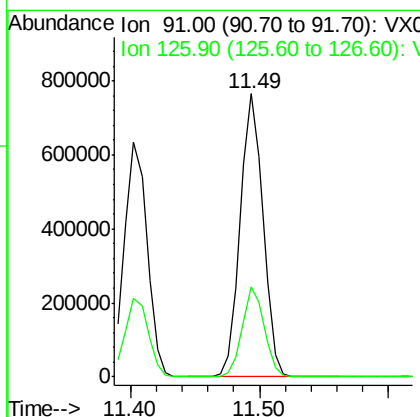
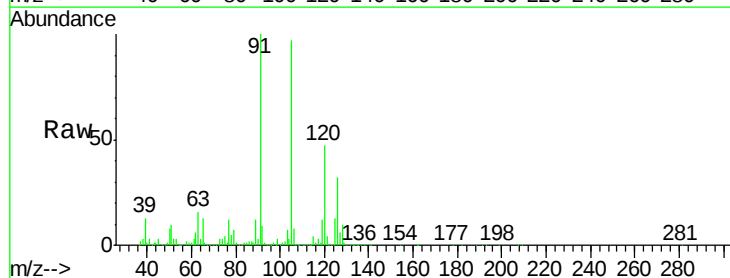
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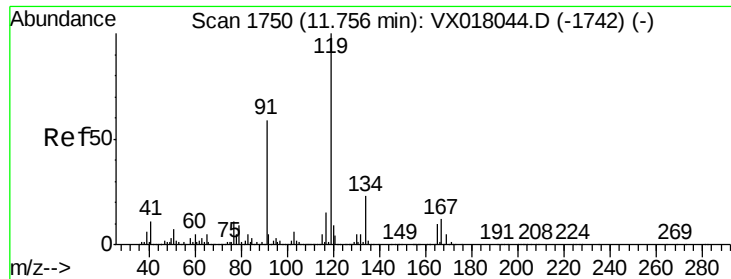
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#82
4-Chlorotoluene
Concen: 48.623 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	15.1	45.3





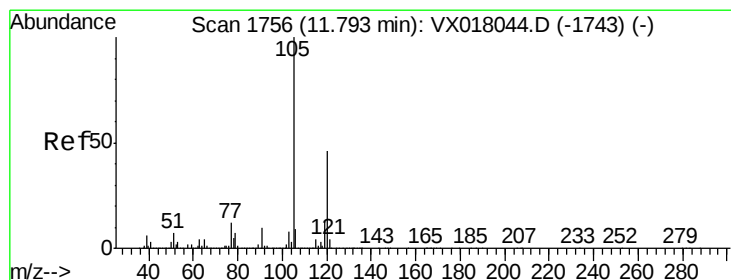
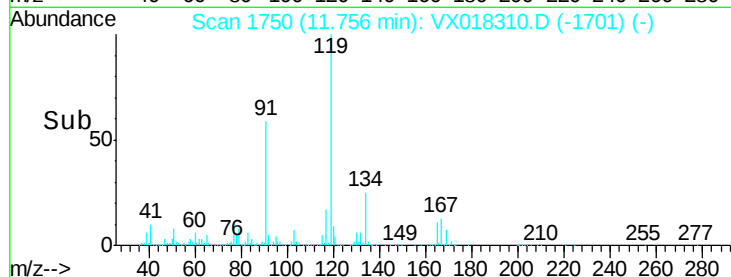
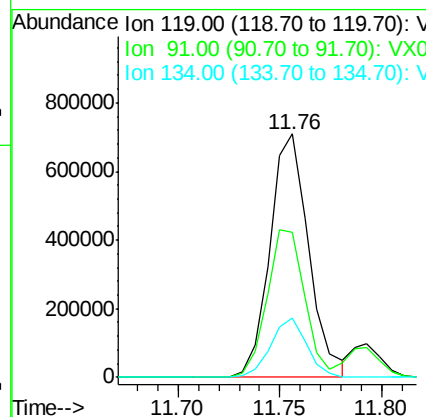
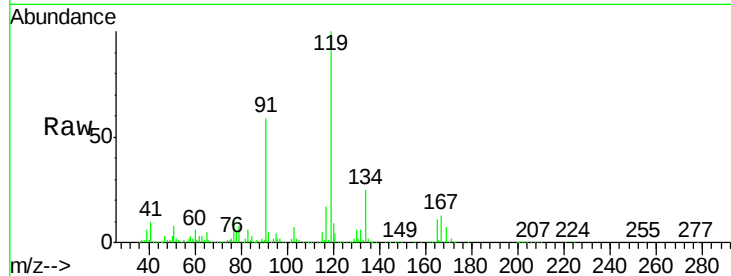
#83
tert-Butylbenzene
Concen: 50.140 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	942297		
91	58.8	28.2	84.7	
134	22.5	11.3	33.8	

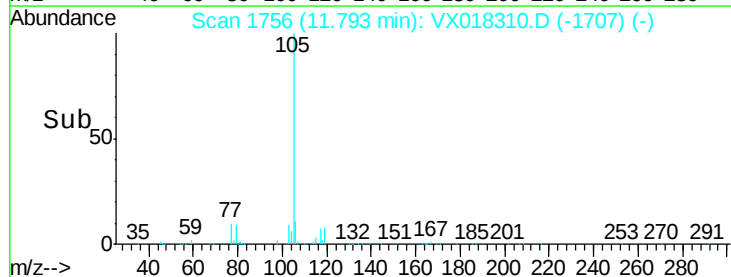
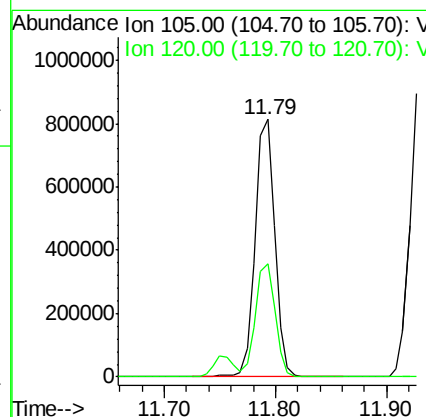
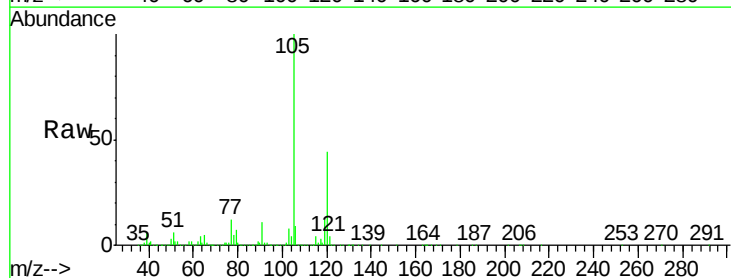
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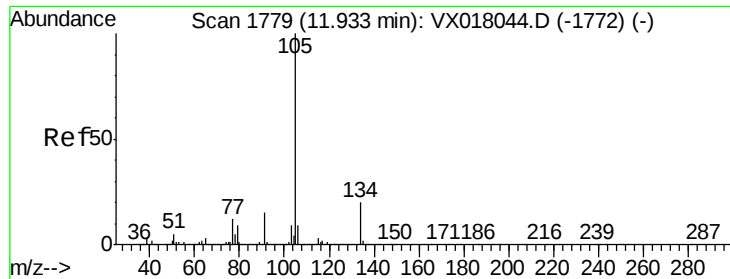
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#84
1,2,4-Trimethylbenzene
Concen: 51.272 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	998261		
120	44.1	22.3	66.9	





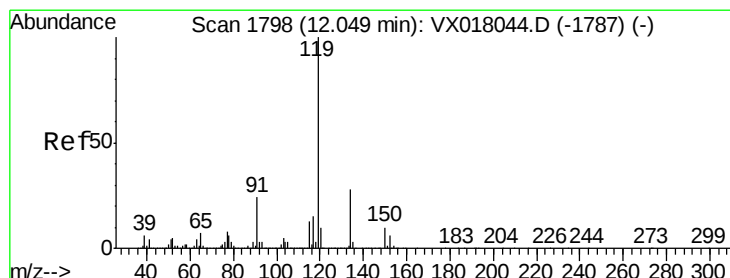
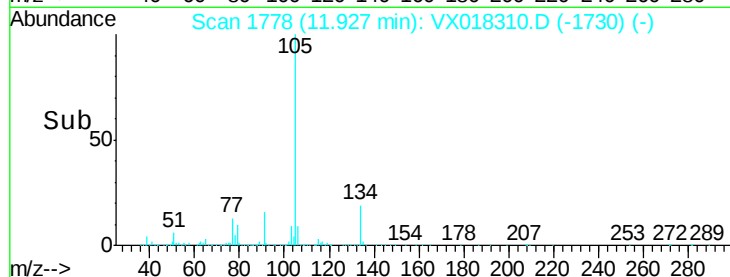
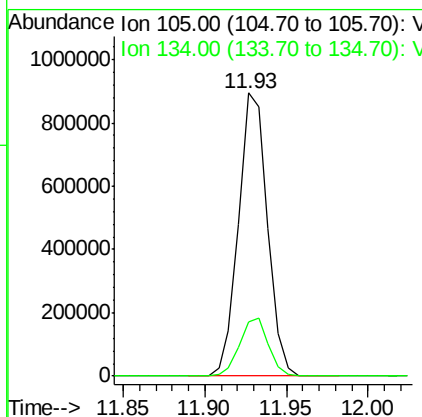
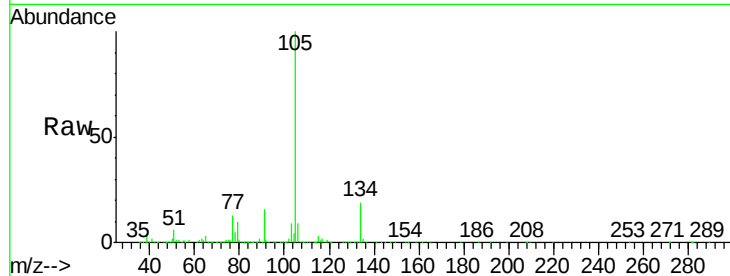
#85
 sec-Butylbenzene
 Concen: 51.791 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX018310.D
 Acq: 09 Sep 2020 10:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 1106869
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.3

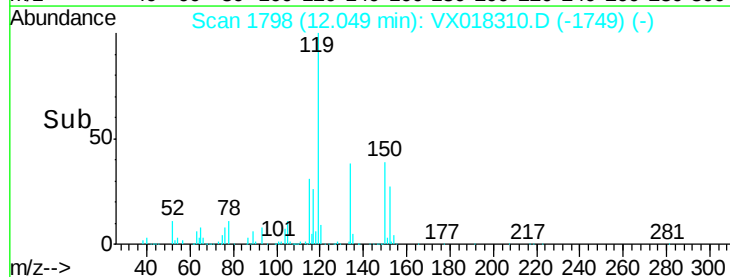
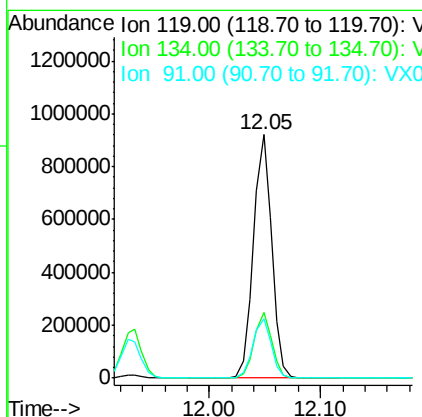
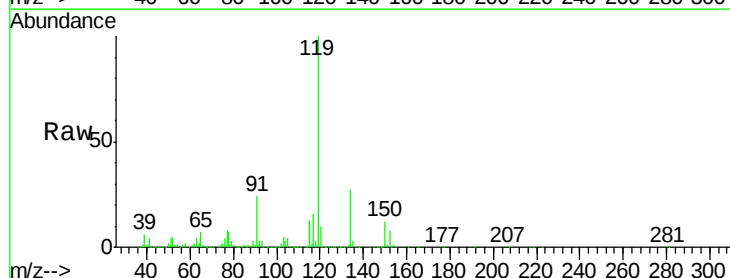
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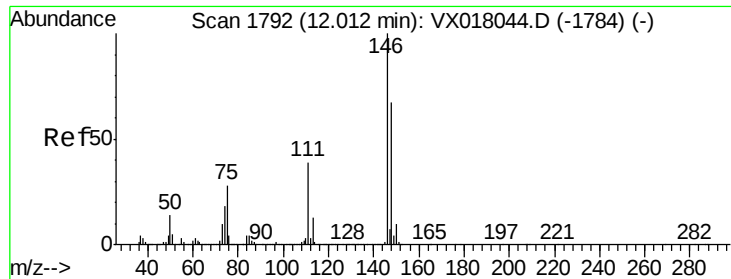
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#86
 p-Isopropyltoluene
 Concen: 53.563 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018310.D
 Acq: 09 Sep 2020 10:04

Tgt Ion:119 Resp: 1051512
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.2 39.5
 91 24.5 11.8 35.4





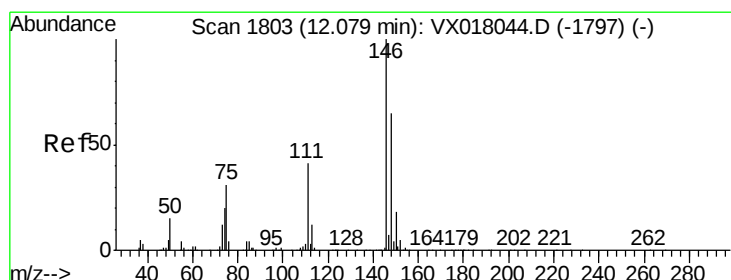
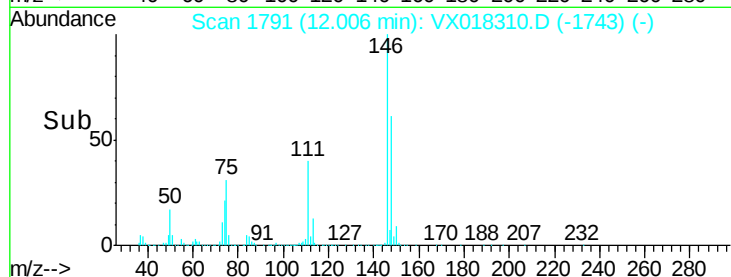
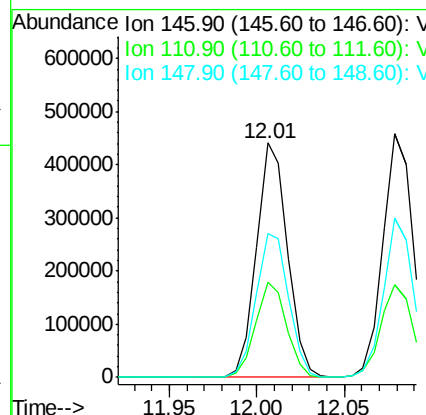
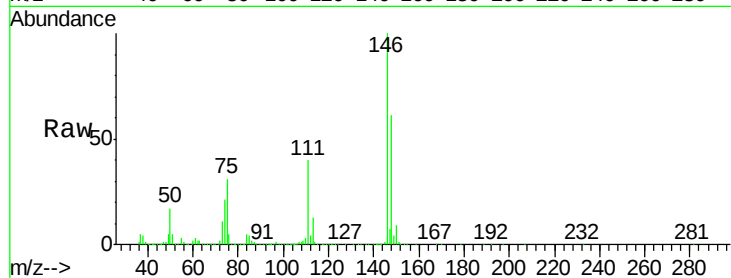
#87
 1,3-Dichlorobenzene
 Concen: 48.410 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX018310.D
 Acq: 09 Sep 2020 10:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.6	61.8
148	64.3	33.1	99.2

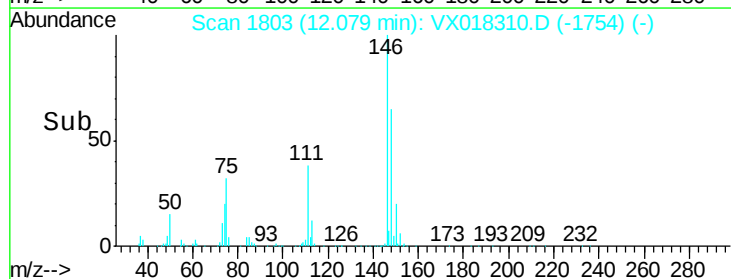
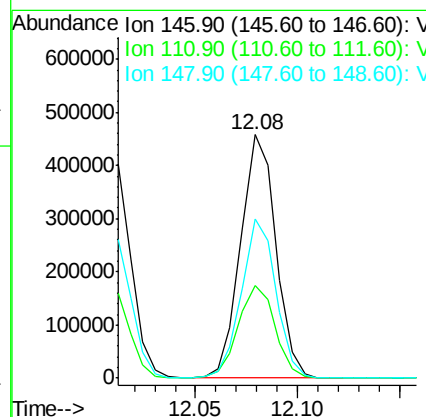
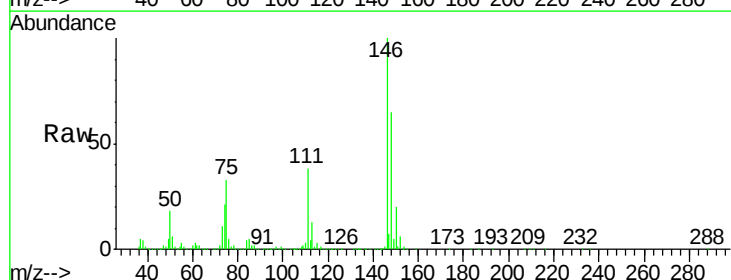
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#88
 1,4-Dichlorobenzene
 Concen: 48.635 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018310.D
 Acq: 09 Sep 2020 10:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.3	60.8
148	64.1	33.1	99.2





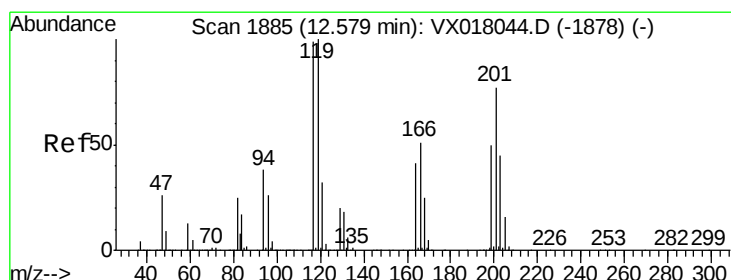
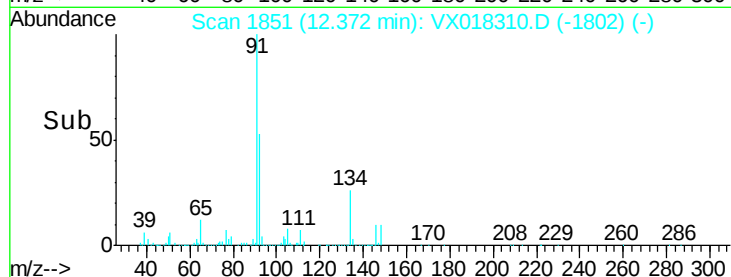
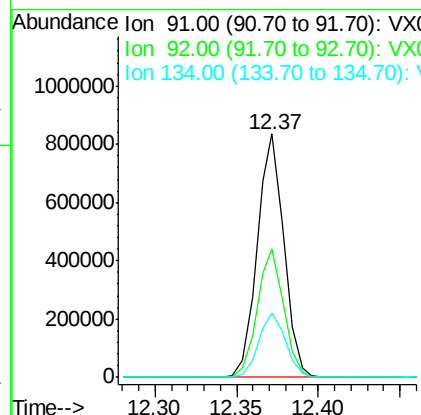
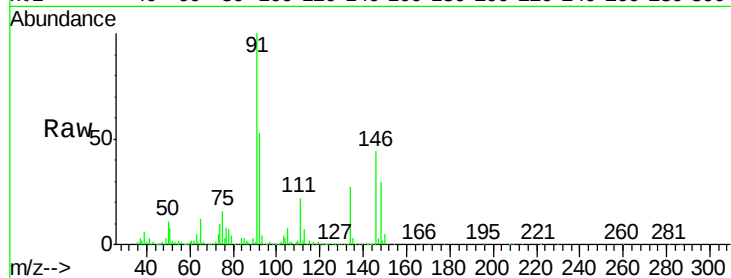
#89
n-Butylbenzene
Concen: 53.047 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.4	79.2
134	26.7	12.9	38.7

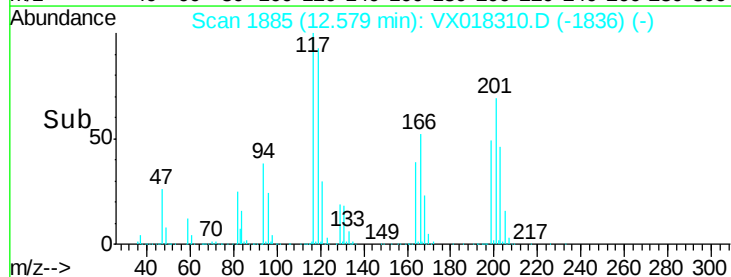
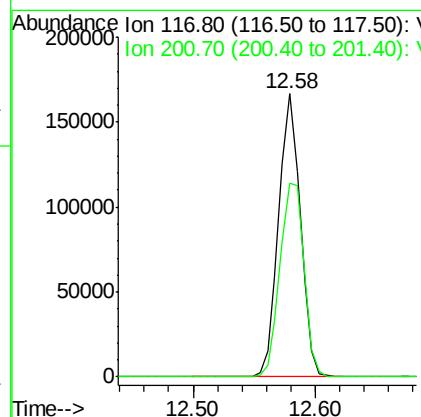
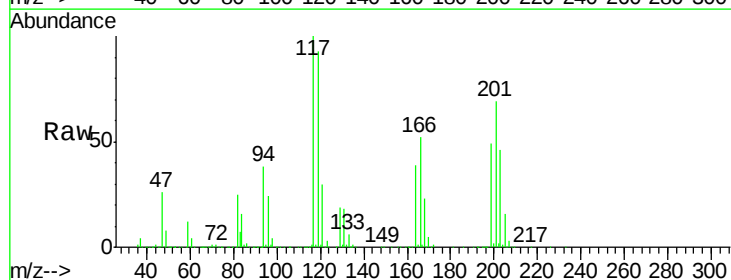
Manual Integrations
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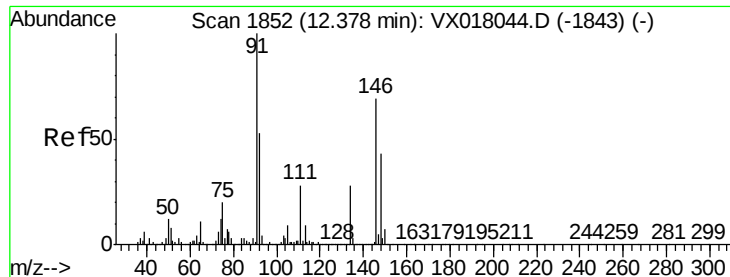
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#90
Hexachloroethane
Concen: 53.375 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.7	38.5	115.3





#91

1,2-Dichlorobenzene

Concen: 46.747 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018310.D

Acq: 09 Sep 2020 10:04

Instrument :

MSVOA_X

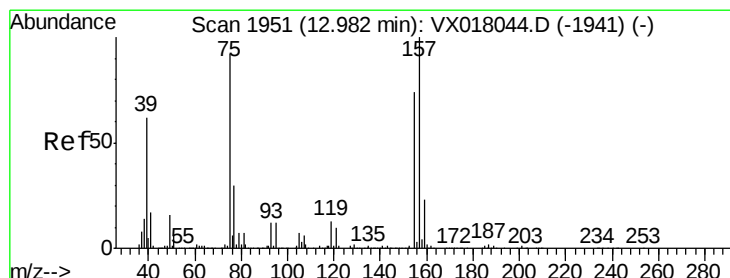
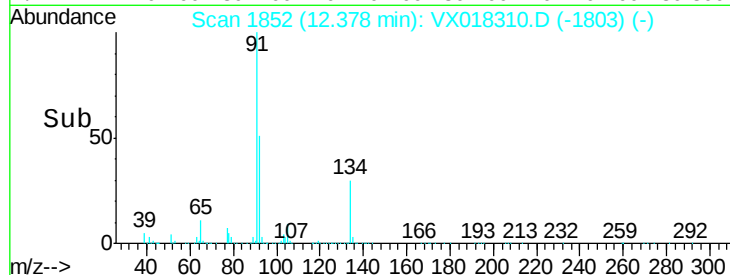
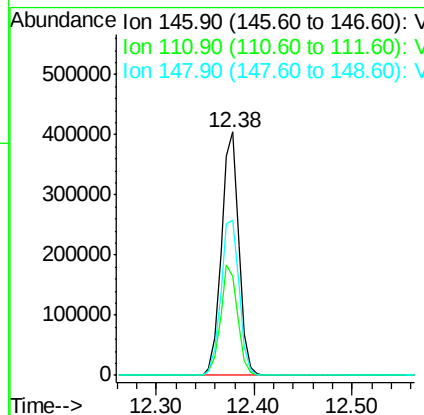
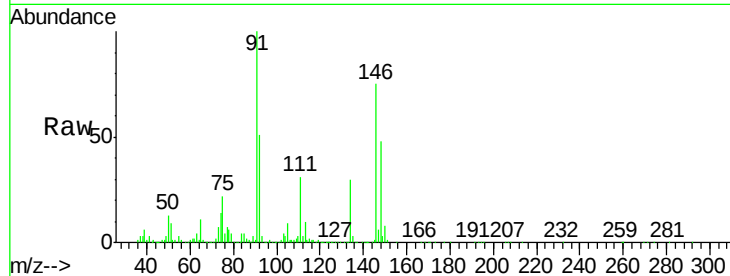
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	494900
Ion Ratio	Lower	Upper	
146	100		
111	44.3	20.8	62.5
148	67.2	31.6	95.0

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 43.567 ug/l

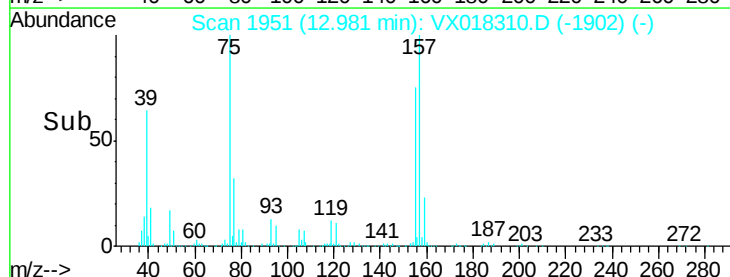
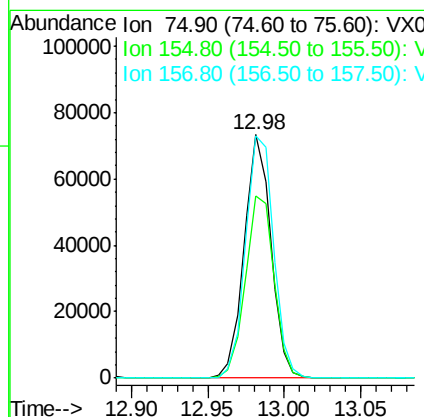
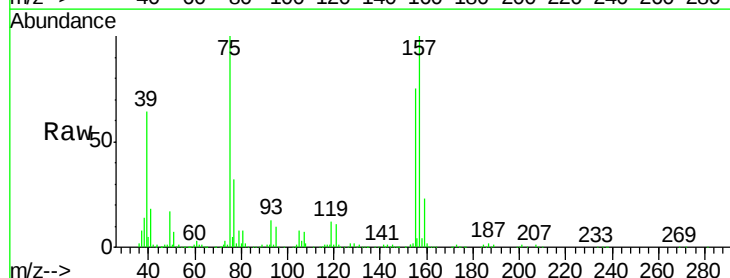
RT: 12.98 min Scan# 1951

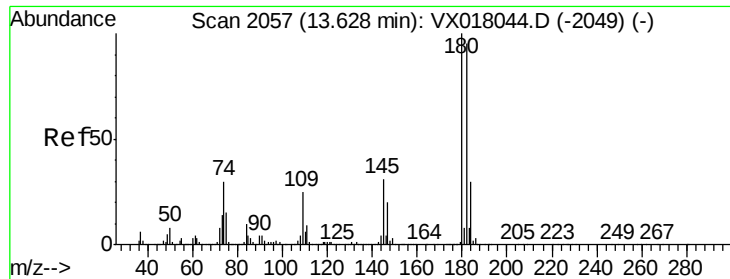
Delta R.T. -0.00 min

Lab File: VX018310.D

Acq: 09 Sep 2020 10:04

Tgt Ion:	75	Resp:	89054
Ion Ratio	Lower	Upper	
75	100		
155	80.1	40.2	120.6
157	104.6	55.0	165.2





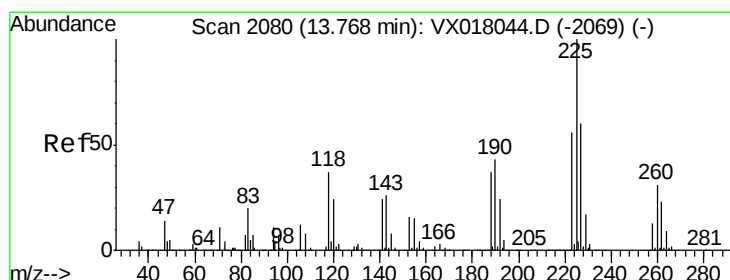
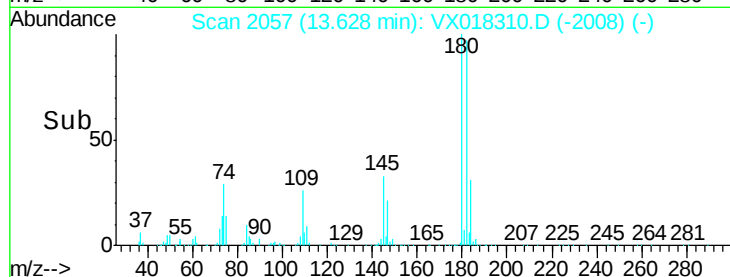
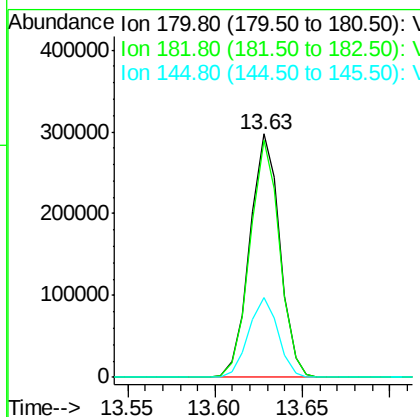
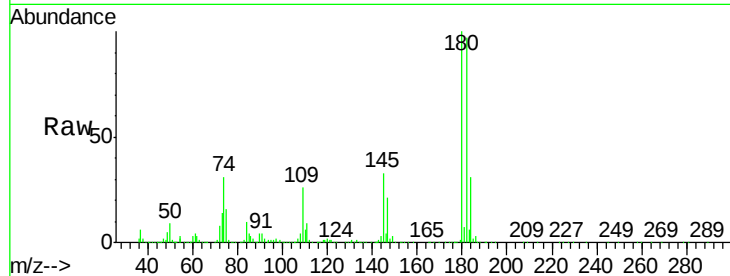
#93
 1,2,4-Trichlorobenzene
 Concen: 50.281 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018310.D
 Acq: 09 Sep 2020 10:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	354965		
182	96.0	47.5	142.6	
145	32.4	15.7	47.1	

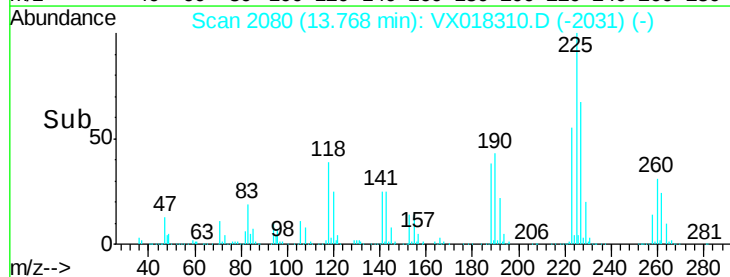
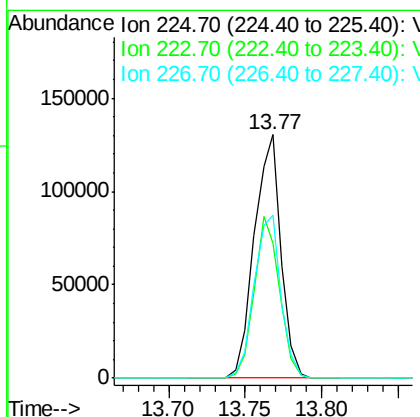
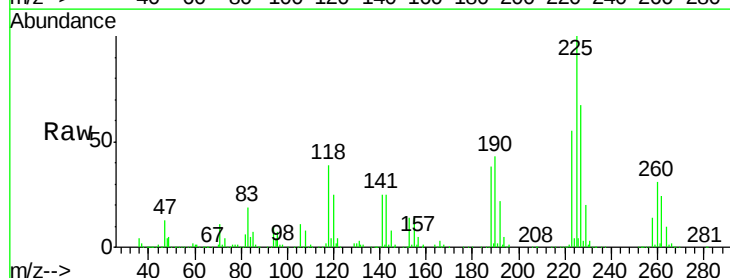
Manual Integrations
 APPROVED

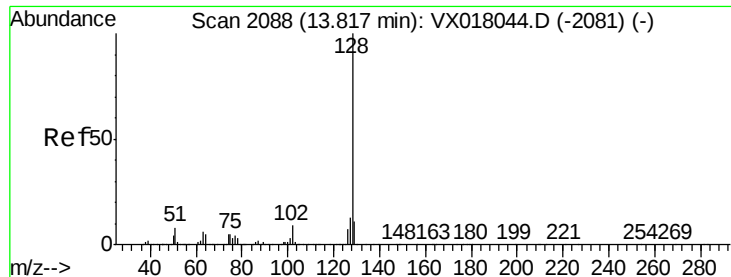
MMDadoda
 9/10/2020 4:03:12 PM



#94
 Hexachlorobutadiene
 Concen: 56.640 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018310.D
 Acq: 09 Sep 2020 10:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	157716		
223	62.9	30.7	92.1	
227	67.2	32.6	97.8	





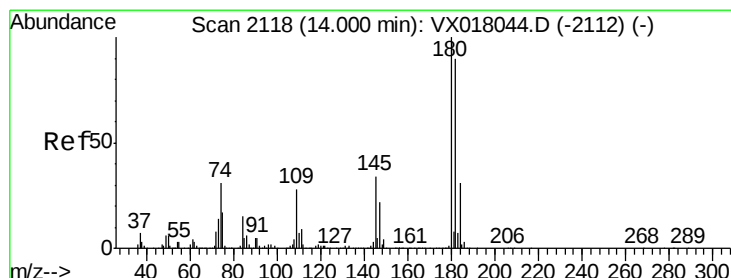
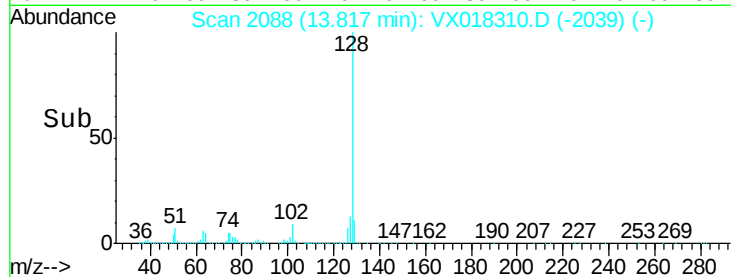
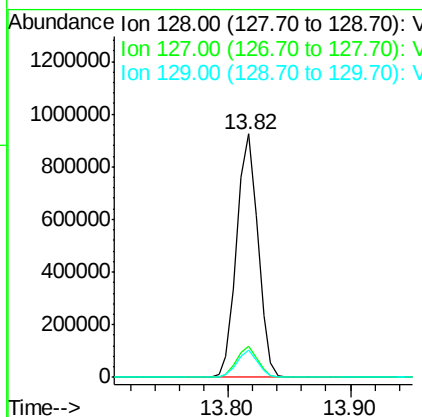
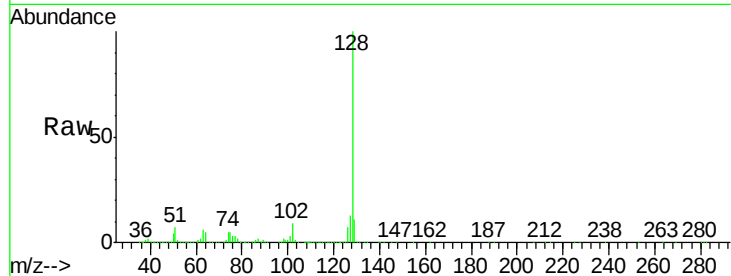
#95
Naphthalene
Concen: 47.722 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
9/10/2020 4:03:12 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.001 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018310.D
Acq: 09 Sep 2020 10:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.3	142.0
145	34.5	17.5	52.6

