

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092520\
 Data File : VX018588.D
 Acq On : 25 Sep 2020 09:24
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 12:49:48 PM

Quant Time: Sep 25 13:54:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	67316	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.82	114	344773	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	326385	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	163612	30.81	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.70%
60) 4-Bromofluorobenzene	11.12	95	170291	30.10	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.33%
63) Toluene-d8	8.70	98	447558	31.11	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.70%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	70098	19.679	ug/l 94
3) Chloromethane	1.31	50	74165	19.601	ug/l 99
4) Vinyl Chloride	1.39	62	78591	19.726	ug/l 99
5) Bromomethane	1.64	94	55380	20.430	ug/l 99
6) Chloroethane	1.72	64	46733	19.299	ug/l 90
7) Trichlorofluoromethane	1.92	101	139155	20.610	ug/l 97
8) Diethyl Ether	2.17	74	41906	19.687	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	71449	20.712	ug/l 99
10) 1,1-Dichloroethene	2.36	96	65267	19.274	ug/l 90
11) Methyl Iodide	2.50	142	68019	20.819	ug/l 96
12) Methyl Acetate	2.75	43	80928	18.155	ug/l 100
13) Acrolein	2.28	56	15676	43.576	ug/l 98
14) Acrylonitrile	3.12	53	177498	87.880	ug/l 99
15) Acetone	2.43	58	70762	128.858	ug/l 85
16) Carbon Disulfide	2.55	76	190728	19.344	ug/l 95
17) Allyl chloride	2.71	41	115618	19.102	ug/l 98
18) Methylene Chloride	2.83	84	78712	19.805	ug/l 93
19) trans-1,2-Dichloroethene	3.14	96	73053	19.431	ug/l 94
20) Diisopropyl ether	3.82	45	234140	19.541	ug/l 96
21) 1,1-Dichloroethane	3.67	63	134980	19.626	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	80084	19.252	ug/l 98
23) tert-Butyl Alcohol	3.04	59	65915	75.309	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	224121	18.617	ug/l 99
25) Chloroform	5.17	83	143239	19.515	ug/l 100
26) Cyclohexane	5.54	56	107556	19.375	ug/l # 52
29) 1,1-Dichloropropene	5.76	75	98968	18.805	ug/l 98
30) 2-Butanone	4.64	43	280943	97.494	ug/l 100
31) 2,2-Dichloropropane	4.54	77	129444m	20.362	ug/l
32) 1,1,1-Trichloroethane	5.46	97	138115	20.050	ug/l 99
33) Carbon Tetrachloride	5.76	117	127215	19.818	ug/l 98
34) Benzene	6.10	78	290776	19.356	ug/l 98
35) Methacrylonitrile	5.00	41	51307	16.895	ug/l 95
36) 1,2-Dichloroethane	6.15	62	120762	19.423	ug/l # 100
37) Trichloroethene	7.19	130	85163	19.604	ug/l 94
38) Methylcyclohexane	7.44	83	103629	18.486	ug/l 99
39) 1,2-Dichloropropane	7.49	63	78076	19.404	ug/l 97
40) Dibromomethane	7.63	93	57262	19.707	ug/l 97

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 ALS Vial : 2 Sample Multiplier: 1

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 ClientSampleID :
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Manual Integrations
 APPROVED

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 9/28/2020 12:49:48 PM

Quant Time: Sep 25 13:54:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	118762	19.721	ug/l	95
42) Vinyl Acetate	3.78	43	993628	92.421	ug/l	100
43) Ethyl Acetate	4.79	43	96347	16.814	ug/l	99
44) Isopropyl Acetate	6.41	43	160122	17.340	ug/l	98
45) 1,4-Dioxane	7.76	88	21597m	279.949	ug/l	
46) Methyl methacrylate	7.74	41	76408	16.812	ug/l	96
47) n-amyl Acetate	10.88	43	126491	15.589	ug/l	96
48) t-1,3-Dichloropropene	9.02	75	125513	19.403	ug/l	99
49) cis-1,3-Dichloropropene	8.41	75	133445	19.637	ug/l	97
50) 1,1,2-Trichloroethane	9.20	97	80660	19.922	ug/l	97
51) Ethyl methacrylate	9.16	69	102931	17.550	ug/l	98
52) 1,3-Dichloropropane	9.35	76	126389	18.807	ug/l	96
53) Dibromochloromethane	9.56	129	97141	19.296	ug/l	98
54) 1,2-Dibromoethane	9.65	107	83015	18.690	ug/l	97
55) 2-Chloroethyl vinyl ether	8.29	63	227481	74.273	ug/l	99
56) Bromoform	10.84	173	65938	17.239	ug/l	100
58) 4-Methyl-2-Pentanone	8.62	43	493395	87.890	ug/l	100
59) 2-Hexanone	9.47	43	392190	92.235	ug/l	98
61) Tetrachloroethene	9.32	164	88762	21.806	ug/l	87
62) Toluene	8.76	91	321863	19.595	ug/l	99
64) Chlorobenzene	10.12	112	202698	19.203	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.20	131	85383	19.973	ug/l	97
66) Ethyl Benzene	10.23	91	347804	19.163	ug/l	94
67) m/p-Xylenes	10.34	106	266156	38.346	ug/l	98
68) o-Xylene	10.68	106	123257	18.794	ug/l	100
69) Styrene	10.70	104	215147	18.803	ug/l	100
70) Isopropylbenzene	11.00	105	348442	19.105	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	112002	18.792	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	104269m	18.209	ug/l	
73) Bromobenzene	11.24	156	93208	18.655	ug/l	99
74) n-propylbenzene	11.34	91	402534	18.744	ug/l	98
75) 2-Chlorotoluene	11.40	91	245797	18.884	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	299072	18.823	ug/l	96
77) t-1,4-Dichloro-2-butene	11.05	75	35586	15.991	ug/l	97
78) 4-Chlorotoluene	11.49	91	291700	18.786	ug/l	98
79) tert-butylbenzene	11.76	119	282640	18.466	ug/l	98
80) 1,2,4-Trimethylbenzene	11.79	105	304762	19.394	ug/l	99
81) sec-Butylbenzene	11.93	105	330301	18.475	ug/l	98
82) p-Isopropyltoluene	12.05	119	307972	18.476	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	166500	18.637	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	171967	19.251	ug/l	99
85) n-Butylbenzene	12.37	91	269050	18.333	ug/l	99
86) Hexachloroethane	12.58	117	60683	18.490	ug/l	99
87) 1,2-Dichlorobenzene	12.38	146	166080	19.853	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	24313	15.946	ug/l	97
89) 1,2,4-Trichlorobenzene	13.63	180	103472	18.282	ug/l	98
90) Hexachlorobutadiene	13.77	225	47361	19.783	ug/l	87
91) Naphthalene	13.82	128	293334	16.607	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	100613	17.969	ug/l	99

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ClientSampleId :
VSTDCCC020

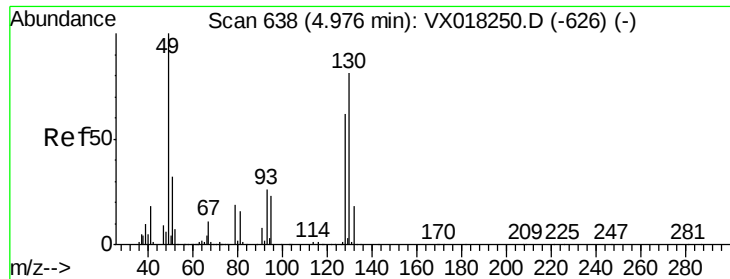
Manual Integrations
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9/28/2020 12:49:48 PM

Quant Time: Sep 25 13:54:22 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 04 12:13:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

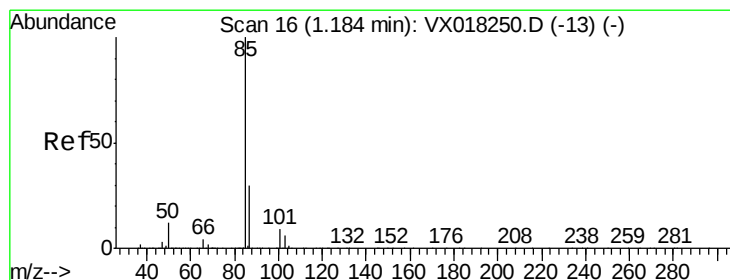
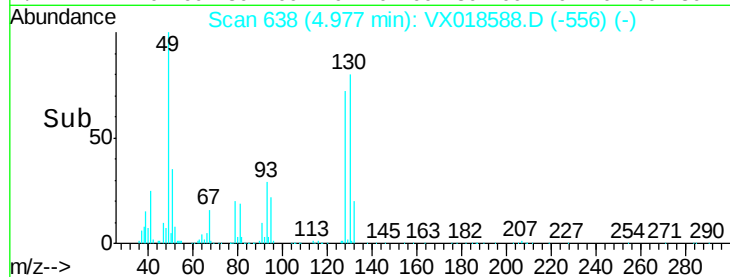
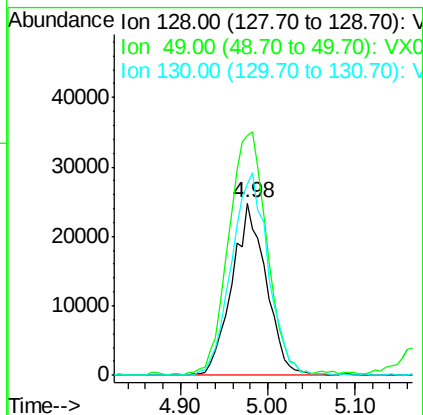
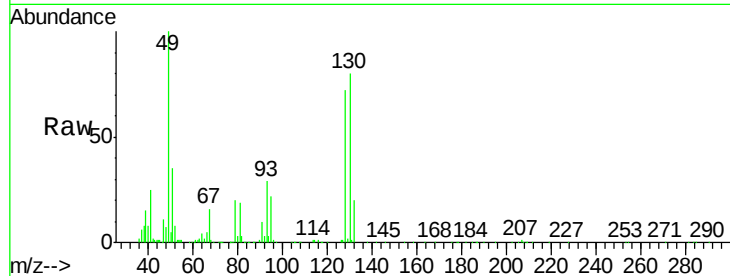
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: VX018588.D
 Acq: 25 Sep 2020 09:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
49	157.7	0.0	392.0
130	126.8	0.0	320.2

Manual Integrations
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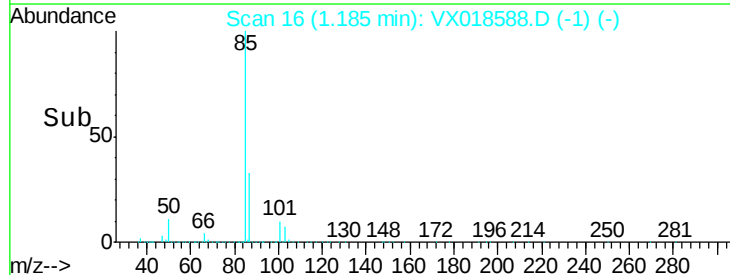
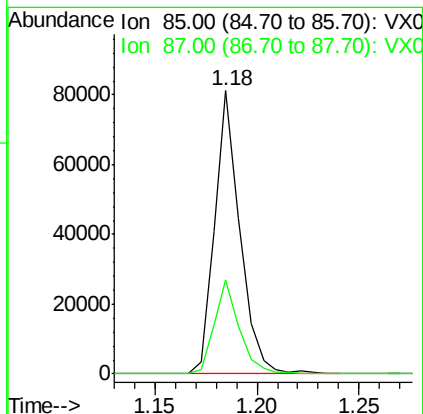
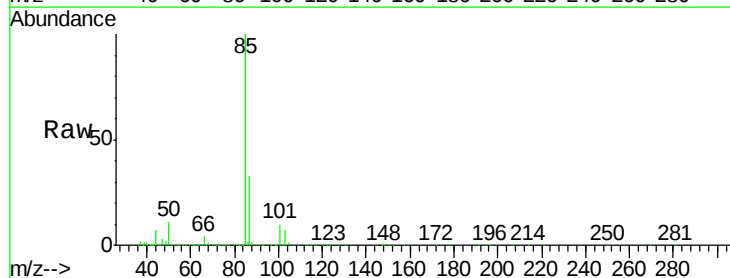
MMDadoda
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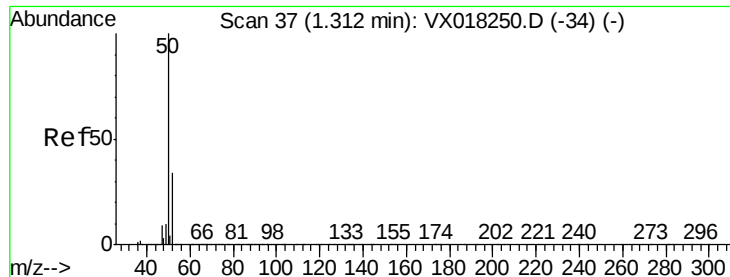


#2

Dichlorodifluoromethane
 Concen: 19.679 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.00 min
 Lab File: VX018588.D
 Acq: 25 Sep 2020 09:24

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.3	15.1	45.3





#3

Chloromethane

Concen: 19.601 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 50 Resp: 74165

Ion Ratio Lower Upper

50 100

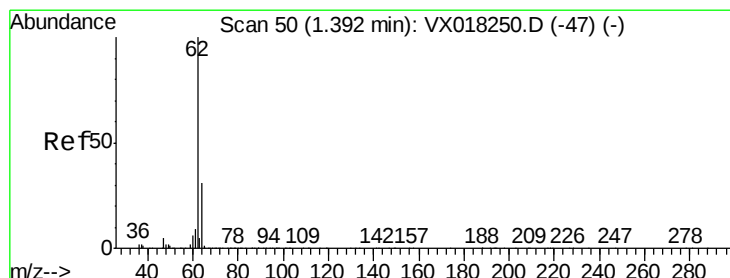
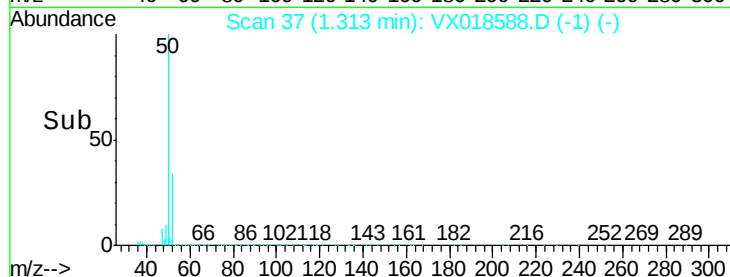
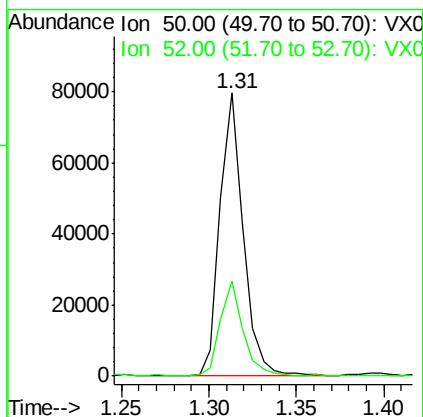
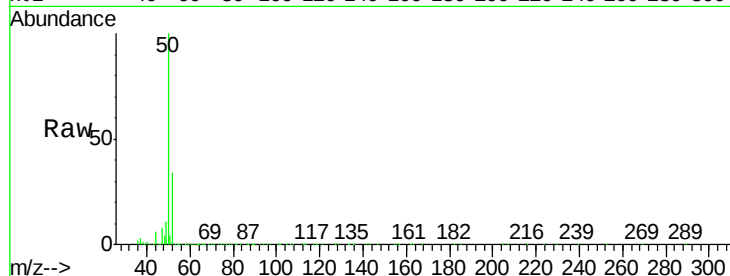
52 33.6 27.1 40.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.726 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018588.D

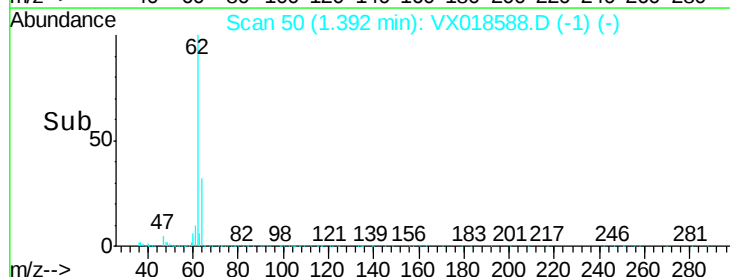
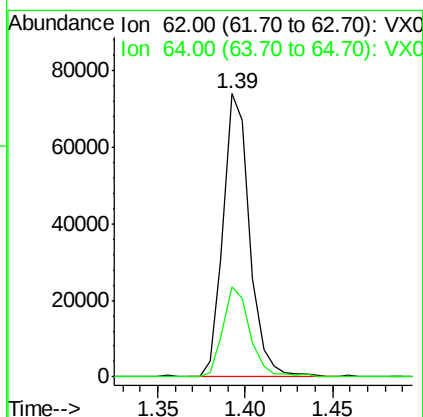
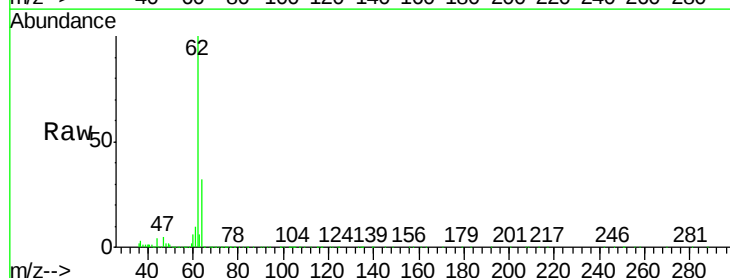
Acq: 25 Sep 2020 09:24

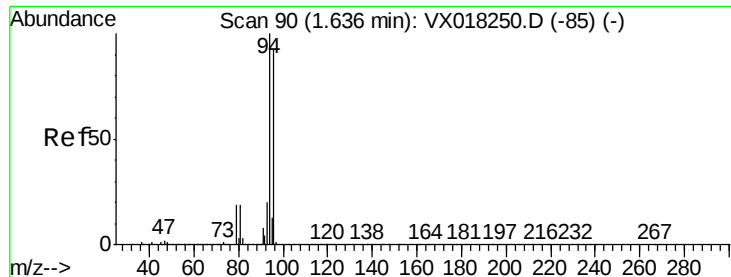
Tgt Ion: 62 Resp: 78591

Ion Ratio Lower Upper

62 100

64 31.8 25.2 37.8





#5

Bromomethane

Concen: 20.430 ug/l

RT: 1.64 min Scan# 91

Delta R.T. 0.01 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 94 Resp: 55380

Ion Ratio Lower Upper

94 100

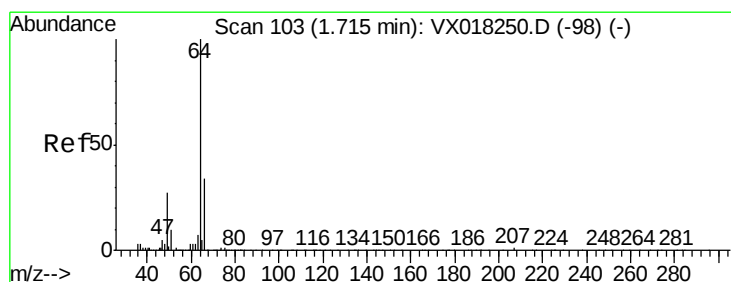
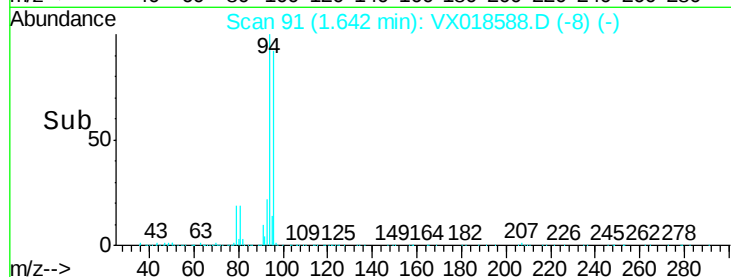
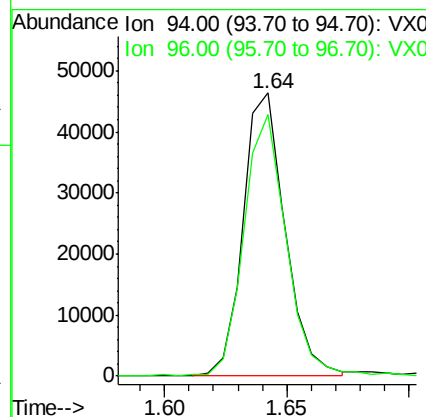
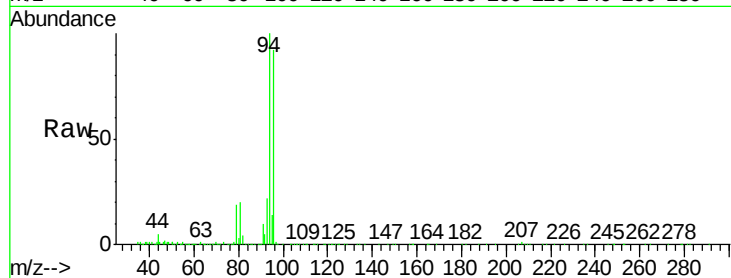
96 91.9 73.9 110.9

Manual Integrations

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#6

Chloroethane

Concen: 19.299 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018588.D

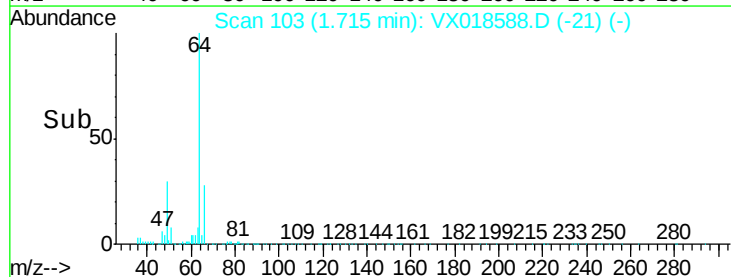
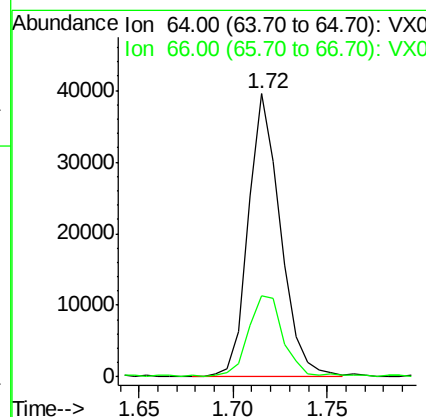
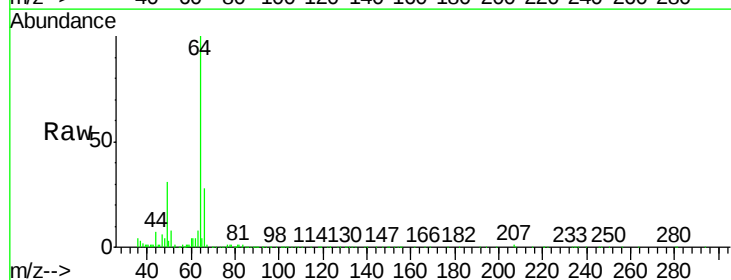
Acq: 25 Sep 2020 09:24

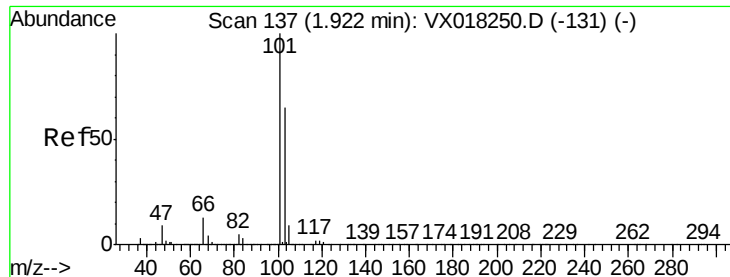
Tgt Ion: 64 Resp: 46733

Ion Ratio Lower Upper

64 100

66 28.1 27.0 40.4





#7

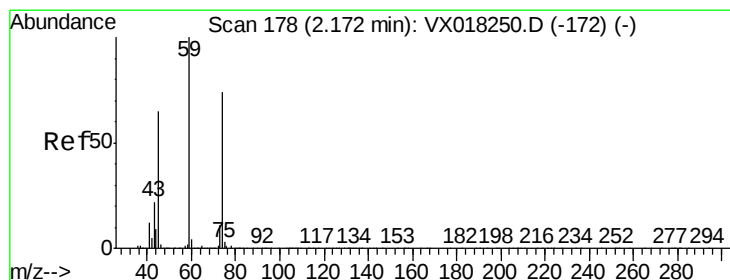
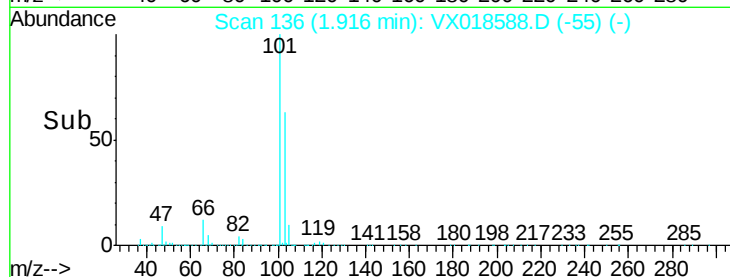
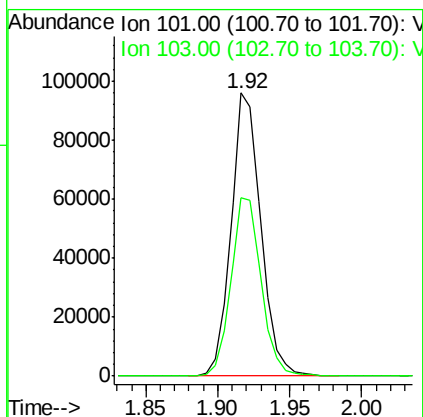
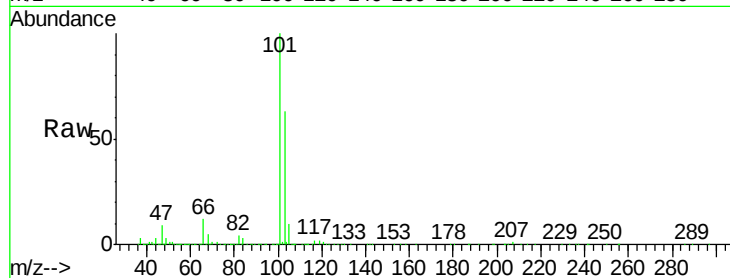
Trichlorofluoromethane
Concen: 20.610 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.9	52.3	78.5

Manual Integrations
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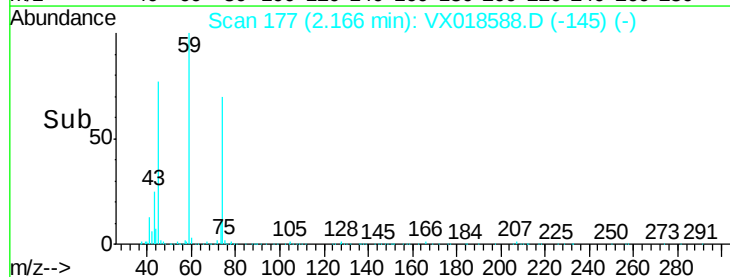
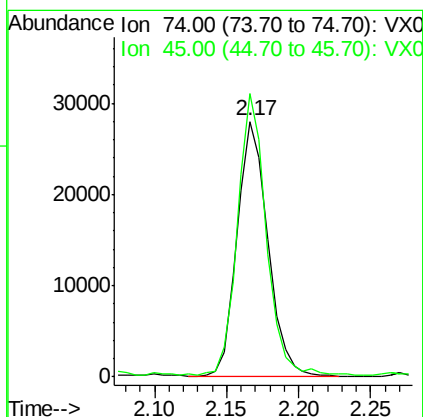
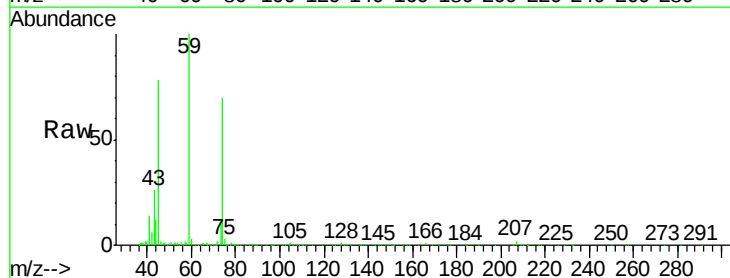
MMDadoda
9/28/2020 12:49:48 PM

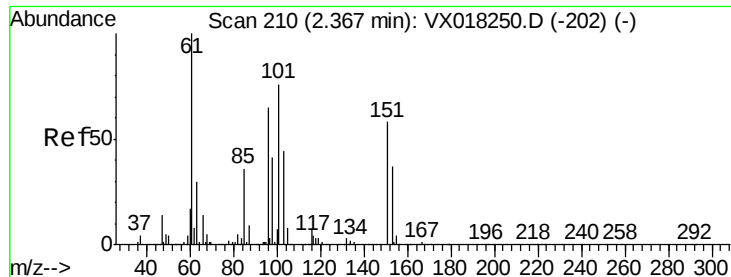


#8

Diethyl Ether
Concen: 19.687 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.4	20.5	184.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.712 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

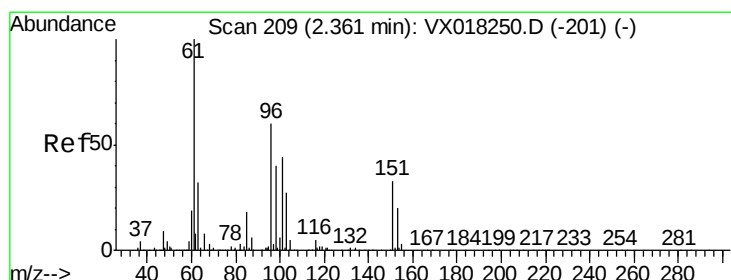
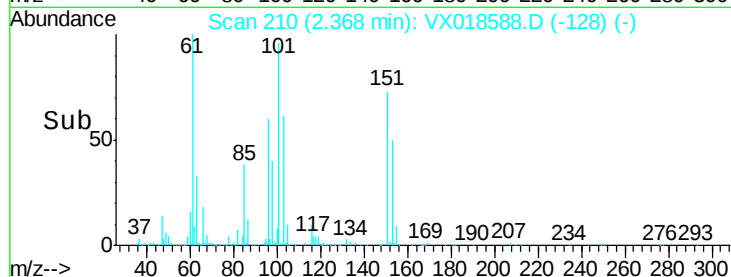
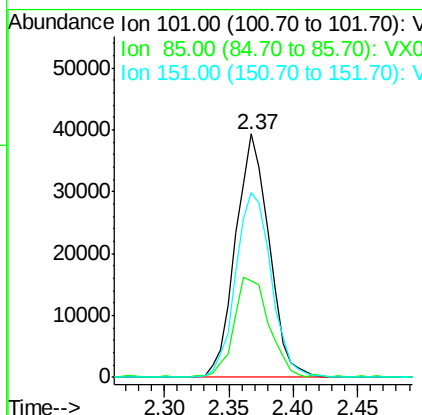
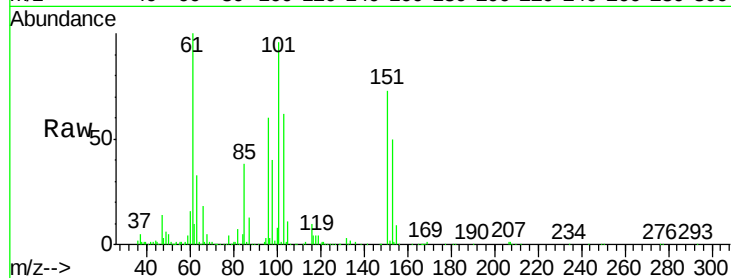
ClientSampleId :

VSTDCCC020

Tot Ion:	101	Resp:	71449
Ion Ratio	Lower	Upper	
101	100		
85	43.3	0.0	87.8
151	80.2	0.0	161.4

Manual Integrations
APPROVED

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#10

1,1-Dichloroethene

Concen: 19.274 ug/l

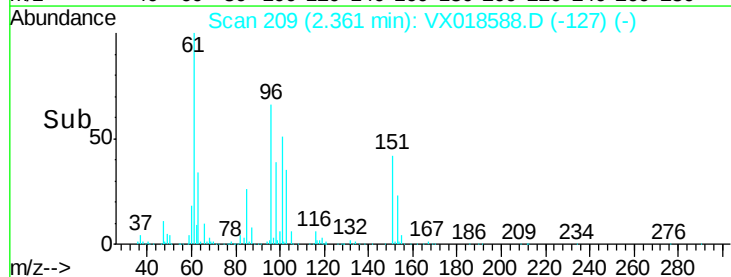
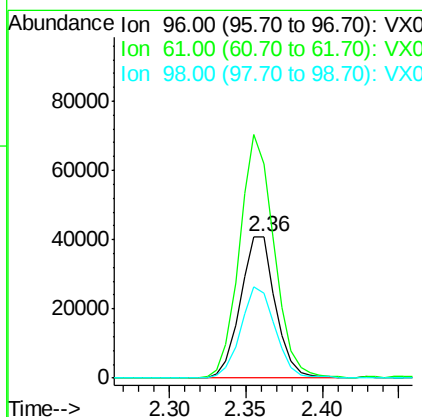
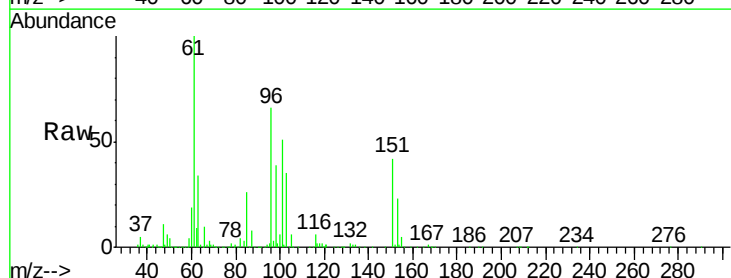
RT: 2.36 min Scan# 209

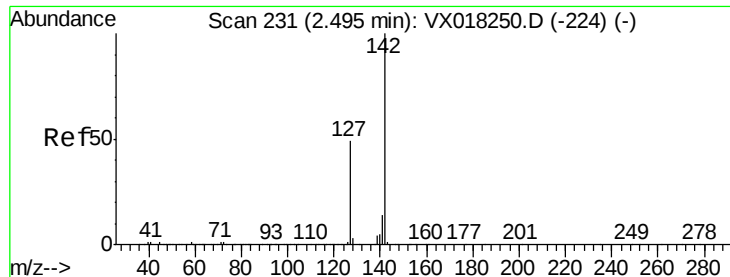
Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Tgt Ion:	96	Resp:	65267
Ion Ratio	Lower	Upper	
96	100		
61	151.1	132.5	198.7
98	59.5	52.4	78.6





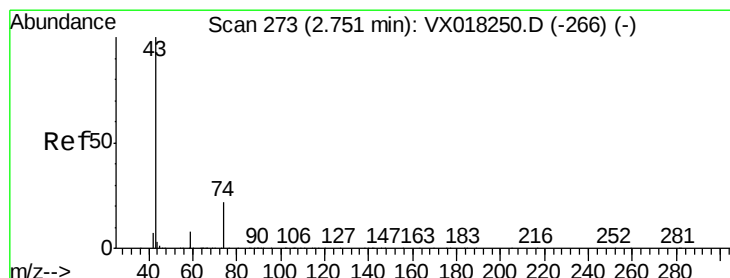
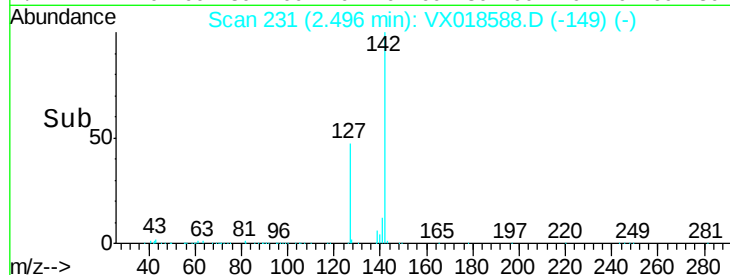
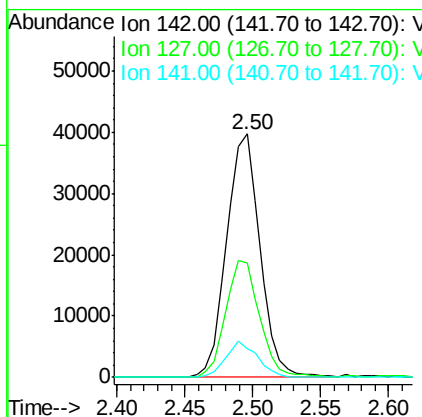
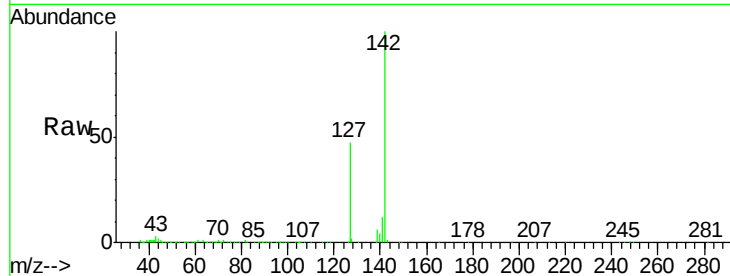
#11
Methvl Iodide
Concen: 20.819 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.00 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	47.0	24.6	74.0
141	11.6	7.0	21.0

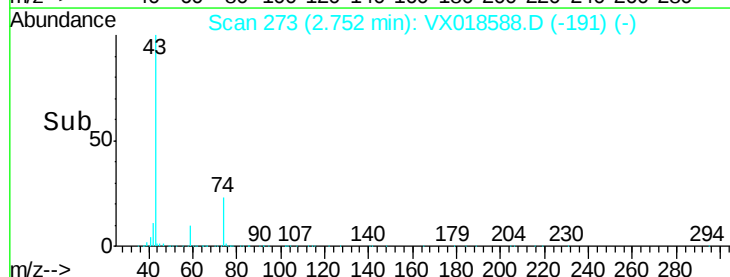
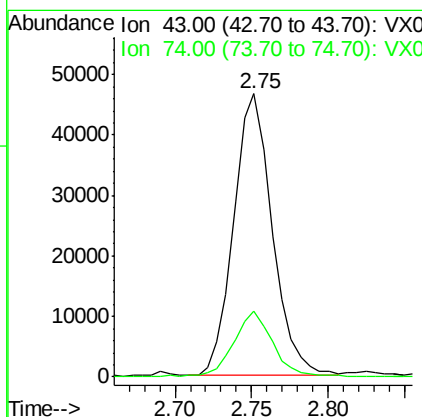
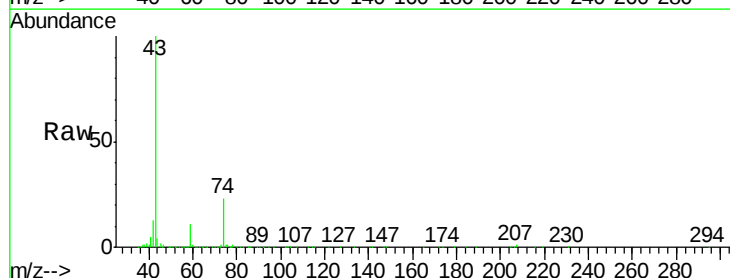
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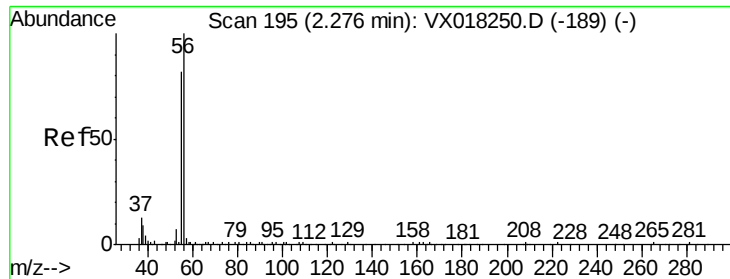
MMDadoda
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#12
Methyl Acetate
Concen: 18.155 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.5	18.0	27.0





#13

Acrolein

Concen: 43.576 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 56 Resp: 15676

Ion Ratio Lower Upper

56 100

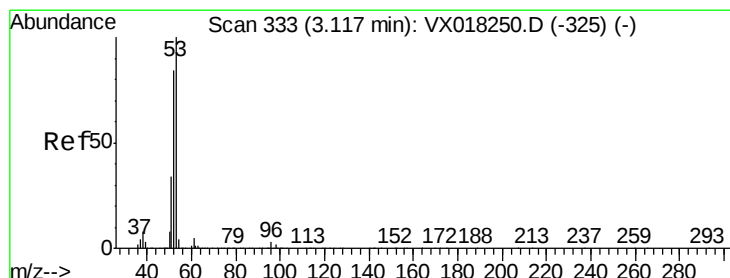
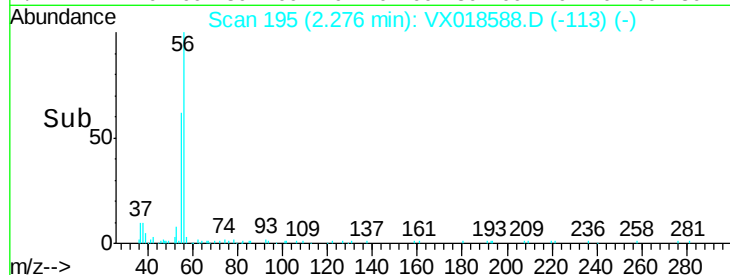
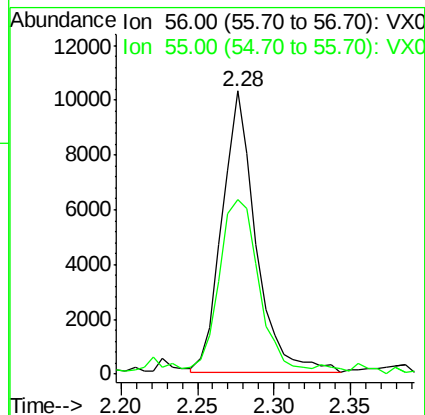
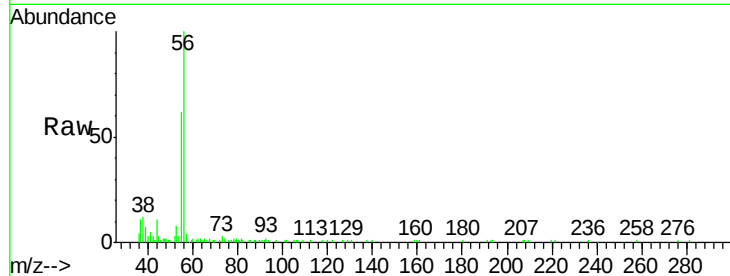
55 72.6 59.7 89.5

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#14

Acrylonitrile

Concen: 87.880 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

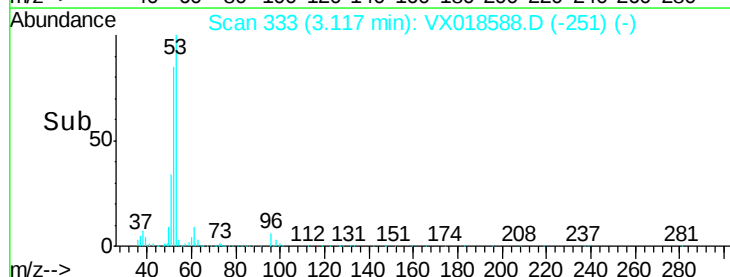
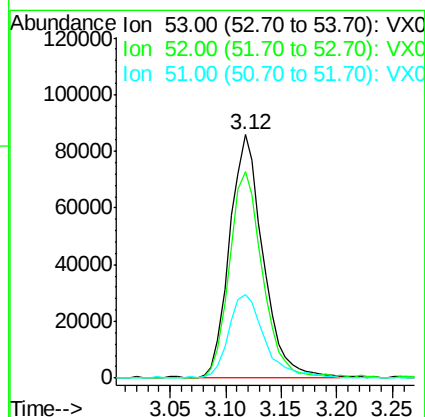
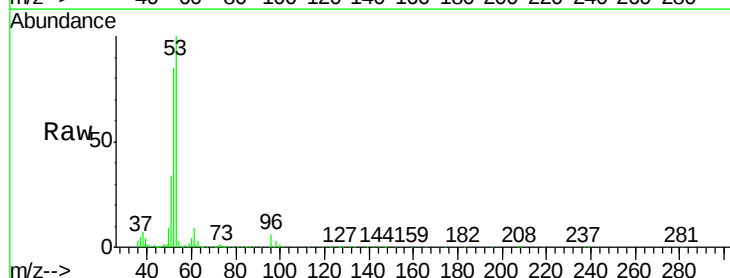
Tgt Ion: 53 Resp: 177498

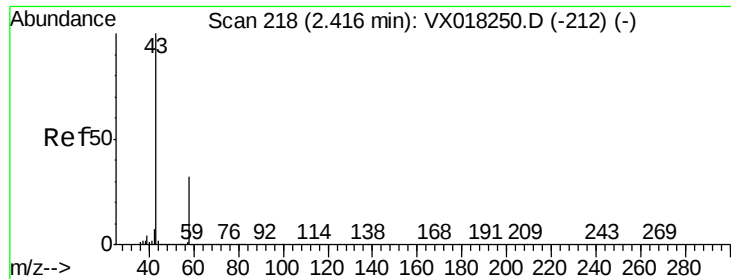
Ion Ratio Lower Upper

53 100

52 83.7 41.9 125.7

51 37.4 18.3 54.8





#15

Acetone

Concen: 128.858 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 58 Resp: 70762

Ion Ratio Lower Upper

58 100

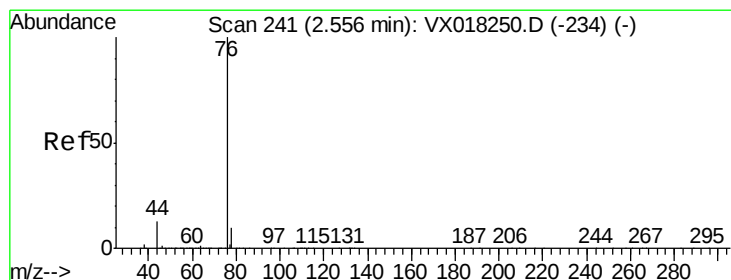
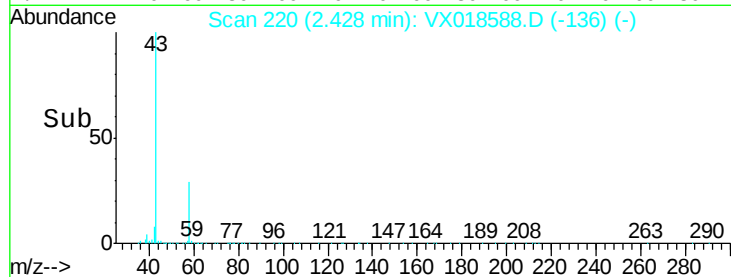
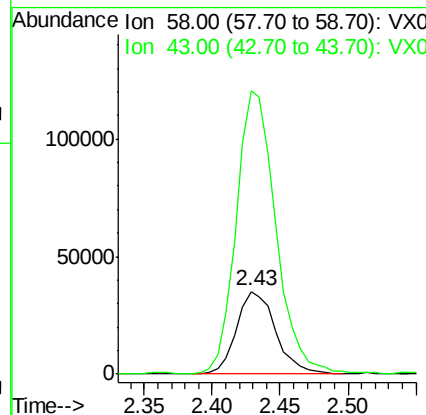
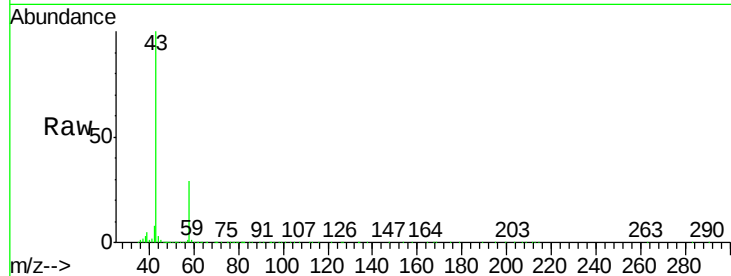
43 341.2 248.2 372.2

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#16

Carbon Disulfide

Concen: 19.344 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX018588.D

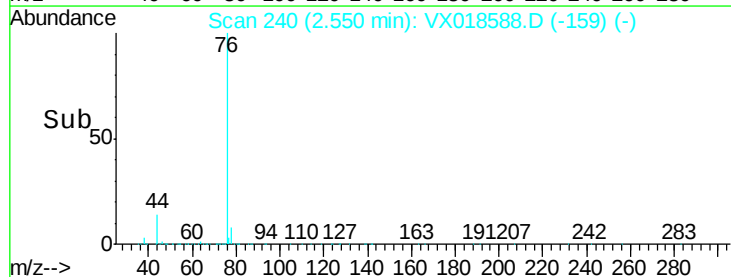
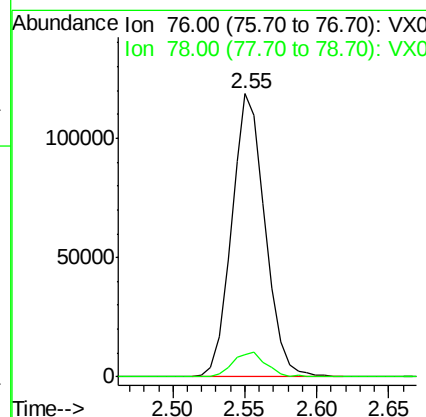
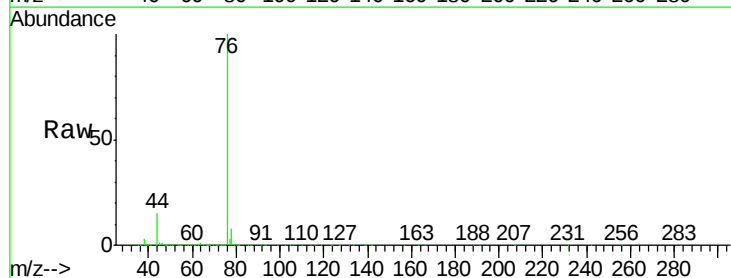
Acq: 25 Sep 2020 09:24

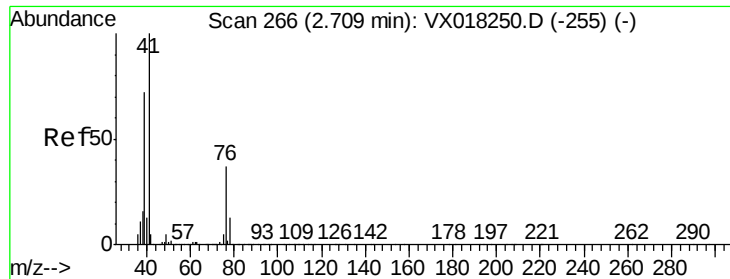
Tgt Ion: 76 Resp: 190728

Ion Ratio Lower Upper

76 100

78 8.0 7.8 11.6





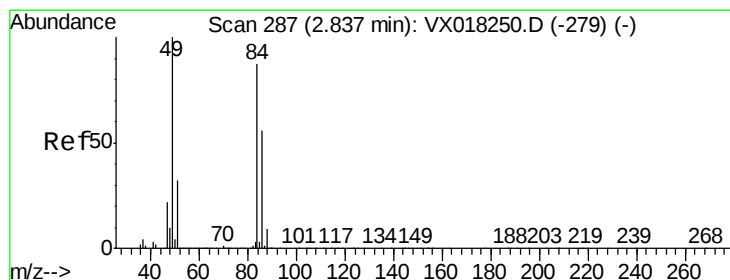
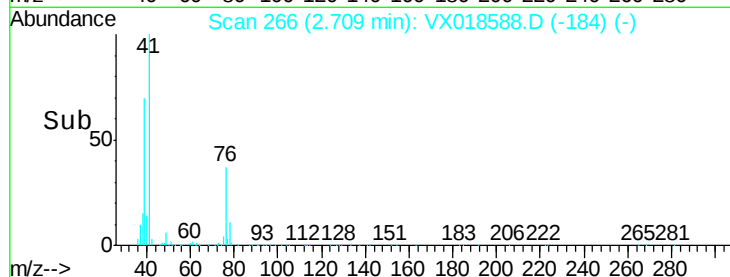
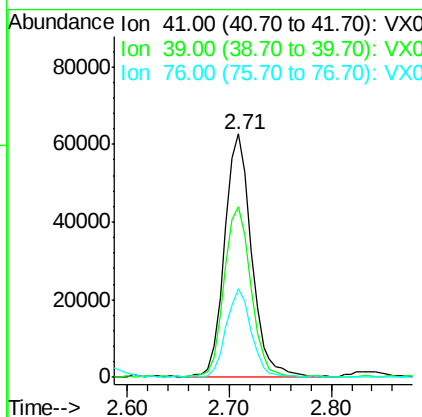
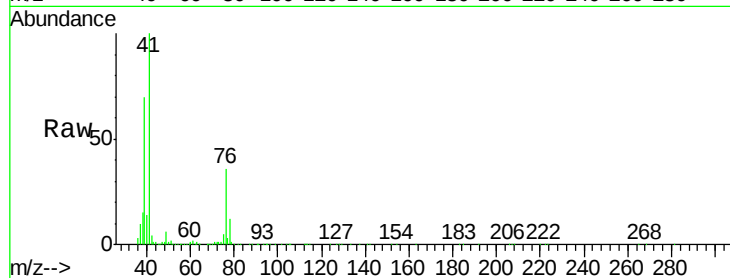
#17
Allvl chloride
Concen: 19.102 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		115618		
39	69.6	36.0	108.1		
76	36.2	18.6	55.6		

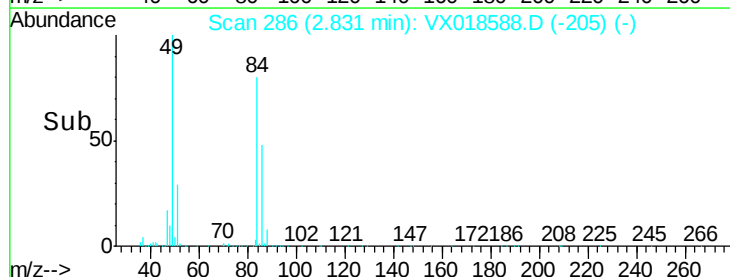
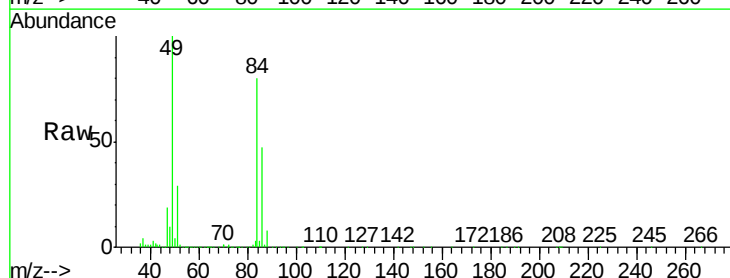
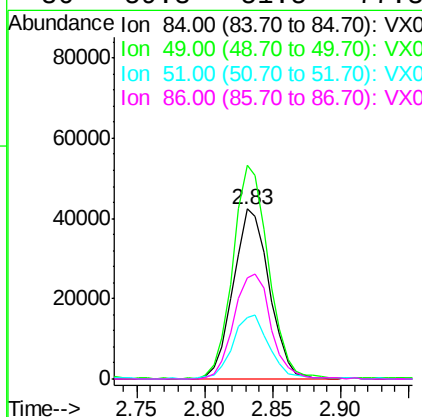
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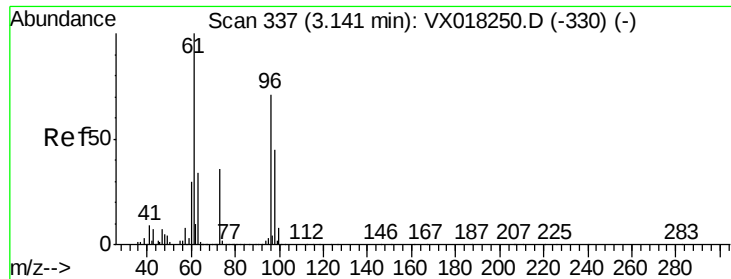
MMDadoda
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#18
Methylene Chloride
Concen: 19.805 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
84	100		78712		
49	124.8	91.6	137.4		
51	36.0	29.4	44.0		
86	59.3	51.5	77.3		





#19

trans-1,2-Dichloroethene

Concen: 19.431 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 96 Resp: 73053

Ion Ratio Lower Upper

96 100

61 148.7 112.8 169.2

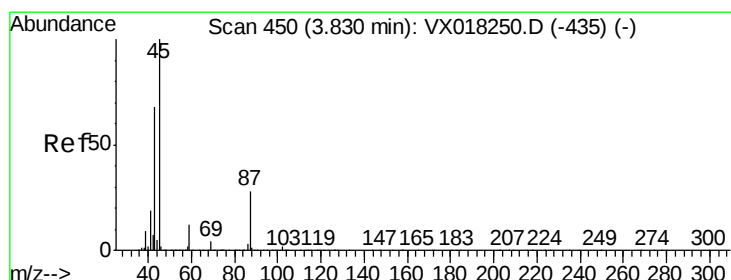
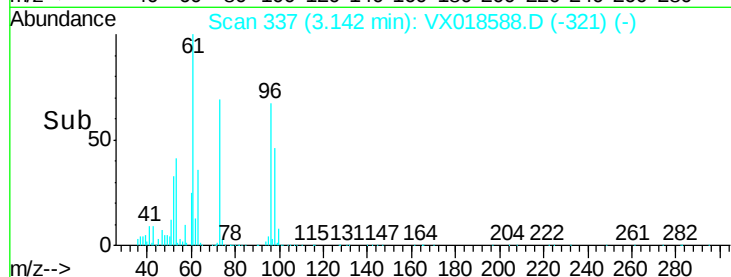
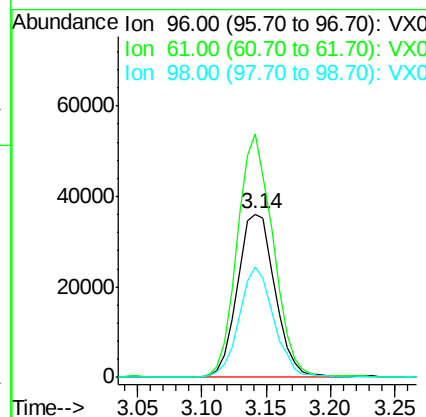
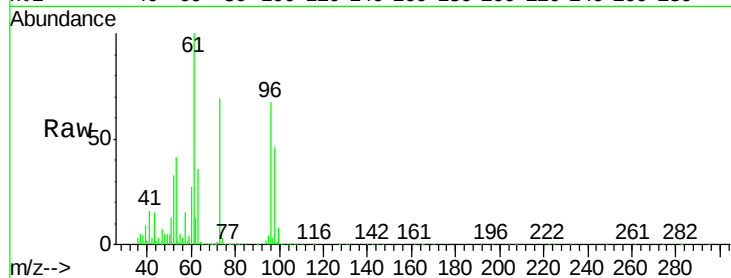
98 67.7 51.0 76.4

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#20

Diisopropyl ether

Concen: 19.541 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Tgt Ion: 45 Resp: 234140

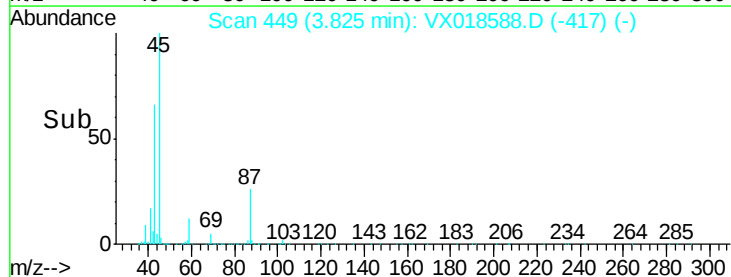
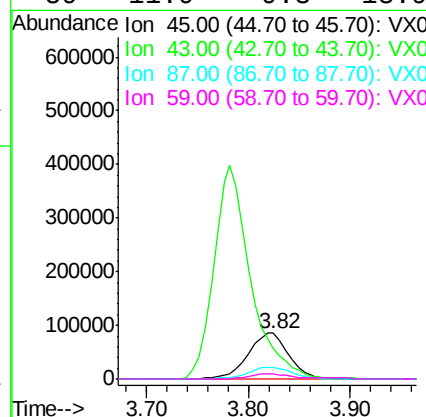
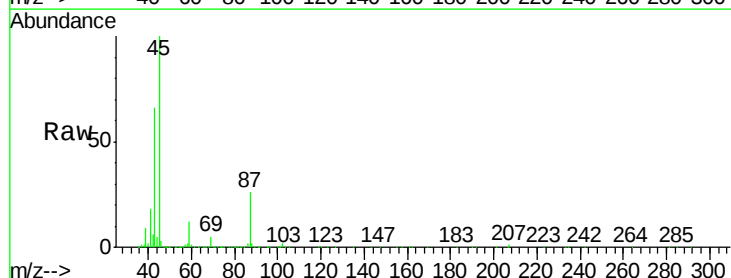
Ion Ratio Lower Upper

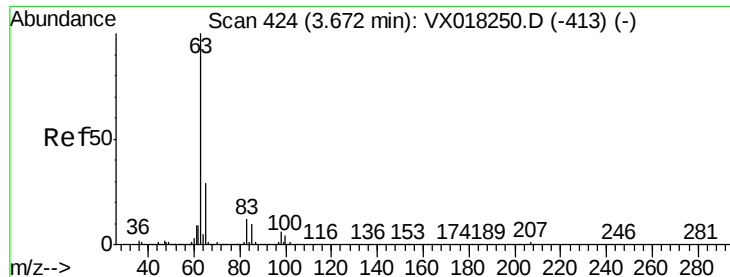
45 100

43 64.7 54.5 81.7

87 25.6 22.2 33.2

59 11.9 9.3 13.9





#21

1,1-Dichloroethane

Concen: 19.626 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

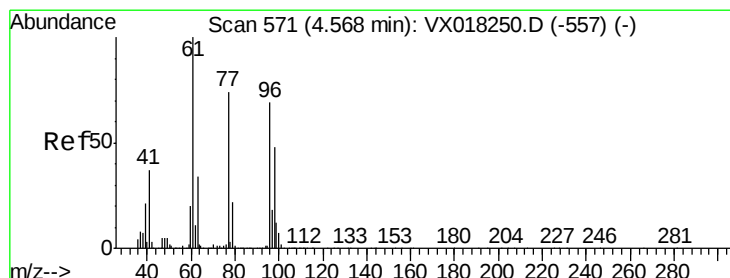
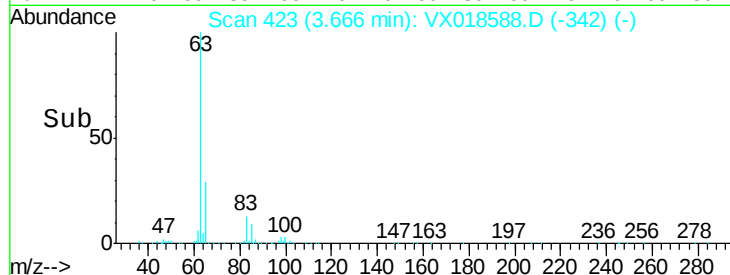
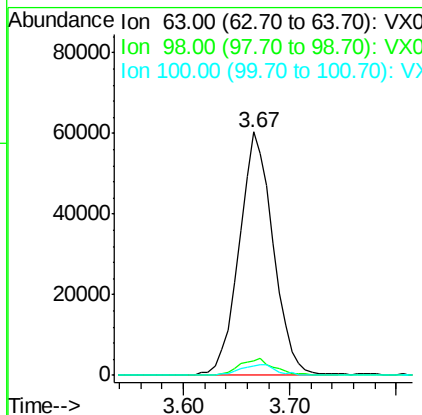
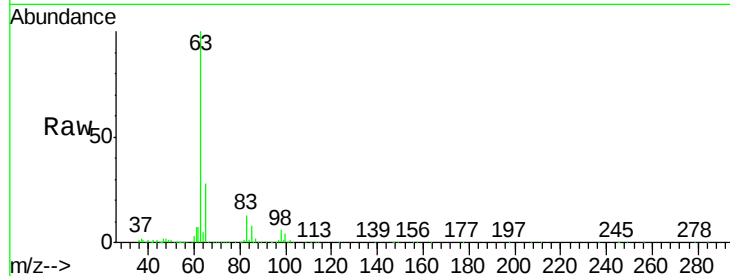
ClientSampleId :

VSTDCCC020

Tot Ion:	63	Resp:	134980
Ion Ratio		Lower	Upper
63	100		
98	6.2	3.2	9.6
100	4.0	2.1	6.3

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 19.252 ug/l

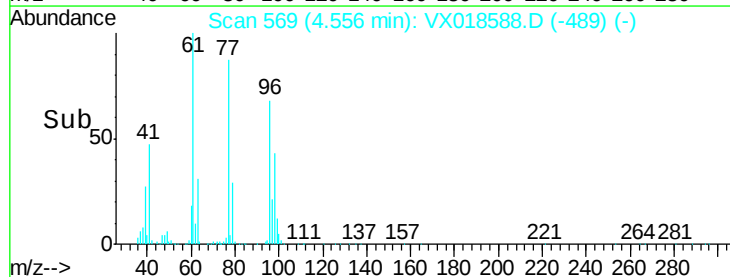
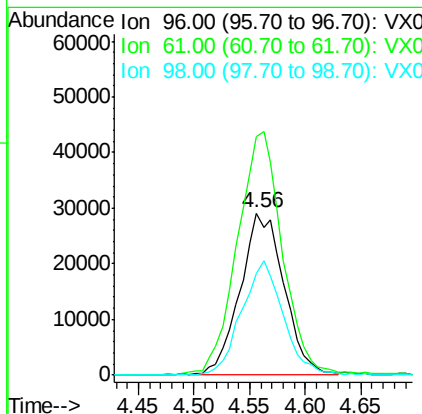
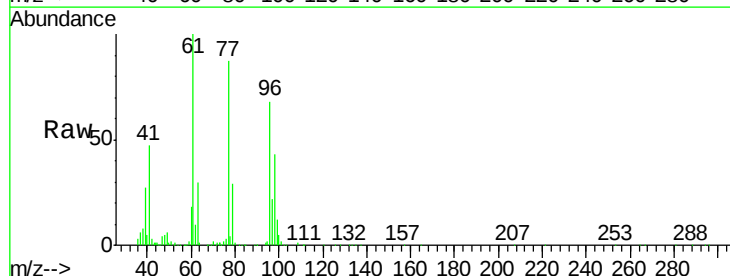
RT: 4.56 min Scan# 569

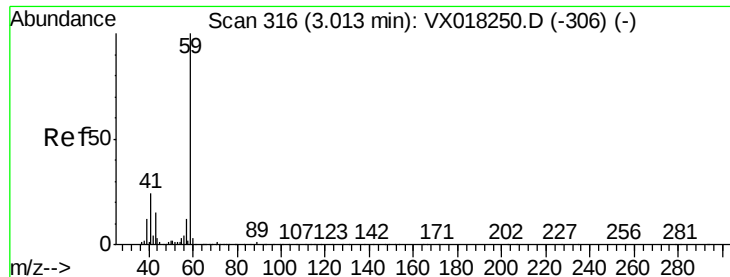
Delta R.T. -0.01 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Tgt Ion:	96	Resp:	80084
Ion Ratio		Lower	Upper
96	100		
61	149.3	116.2	174.4
98	66.4	52.5	78.7





#23

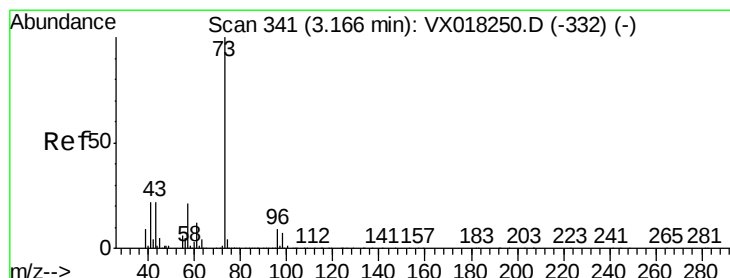
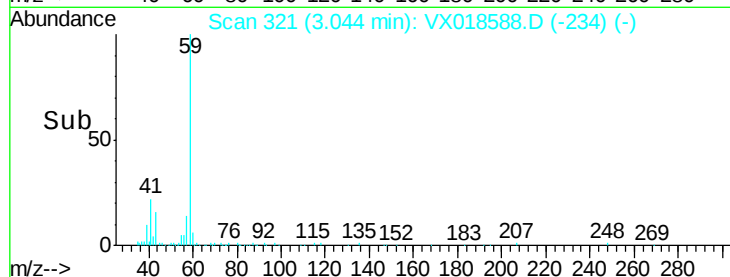
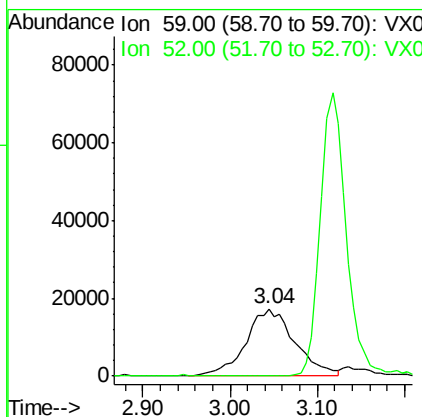
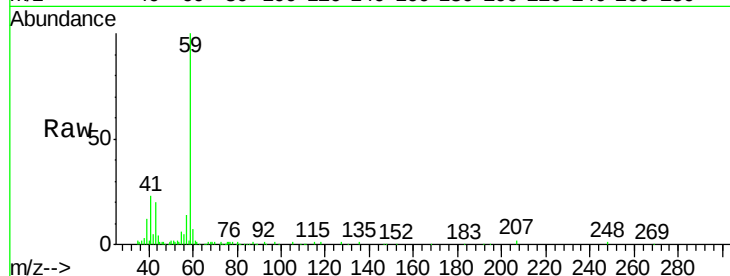
tert-Butyl Alcohol
 Concen: 75.309 ug/l
 RT: 3.04 min Scan# 321
 Delta R.T. 0.03 min
 Lab File: VX018588.D
 Acq: 25 Sep 2020 09:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.3	0.4	0.6#

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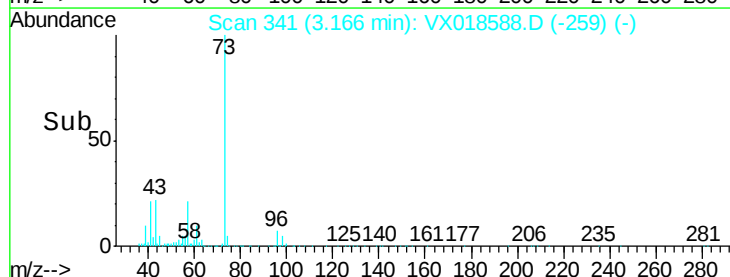
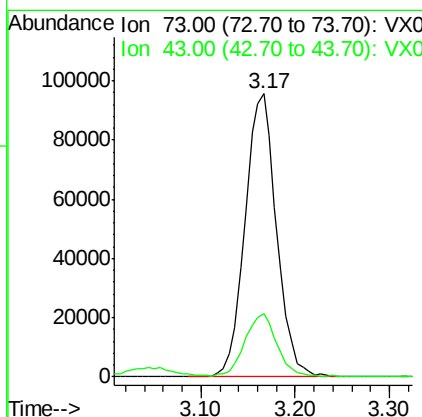
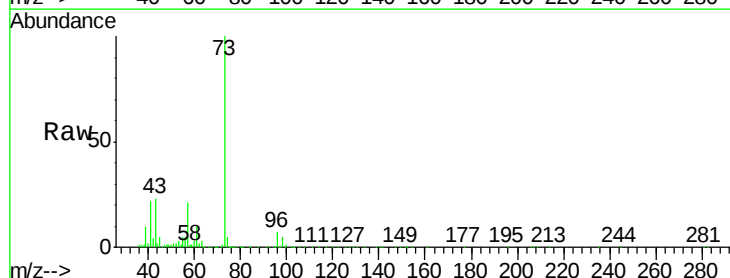
MMDadoda
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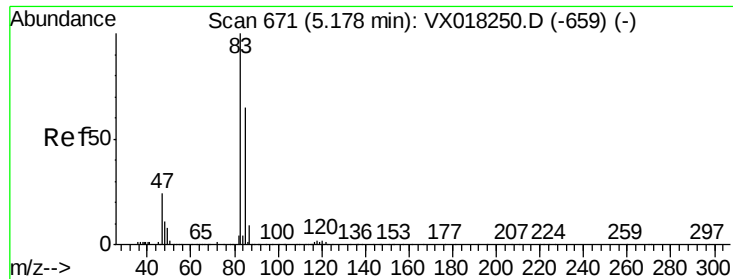


#24

Methyl tert-Butyl Ether
 Concen: 18.617 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018588.D
 Acq: 25 Sep 2020 09:24

Tgt Ion	Ratio	Lower	Upper
73	100		
43	22.5	17.8	26.6





#25

Chloroform

Concen: 19.515 ug/l

RT: 5.17 min Scan# 670

Delta R.T. -0.01 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 83 Resp: 143239

Ion Ratio Lower Upper

83 100

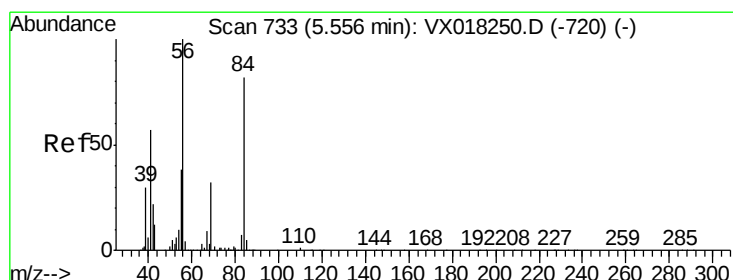
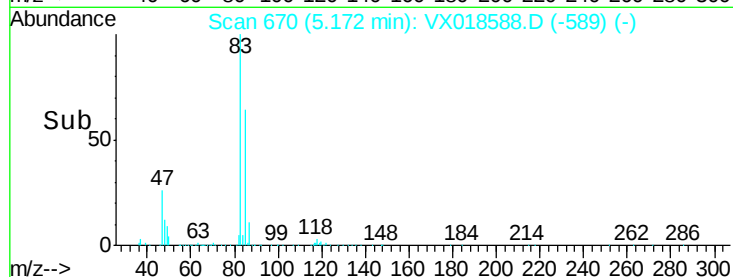
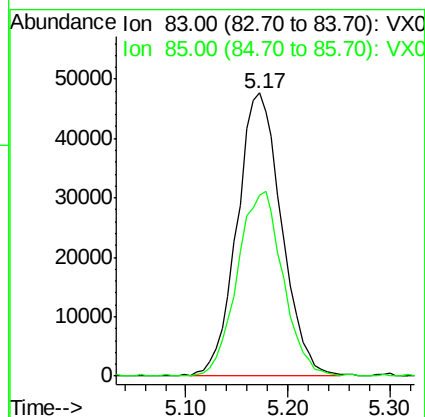
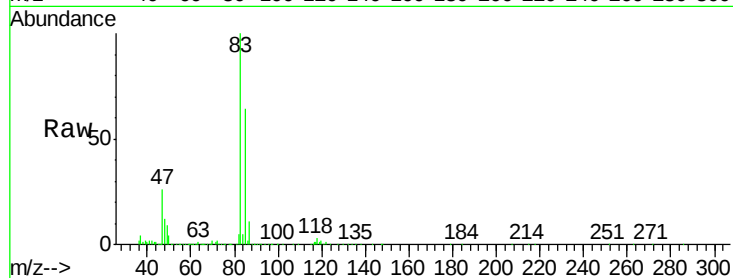
85 64.3 51.6 77.4

Manual Integrations

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#26

Cyclohexane

Concen: 19.375 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

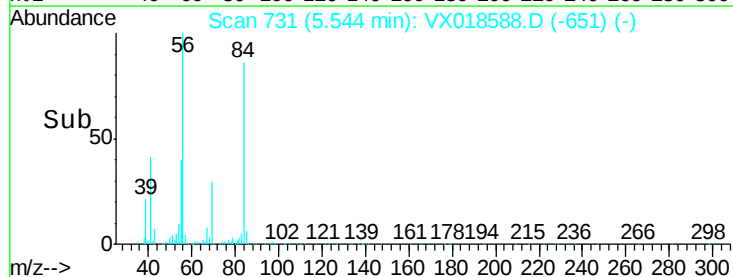
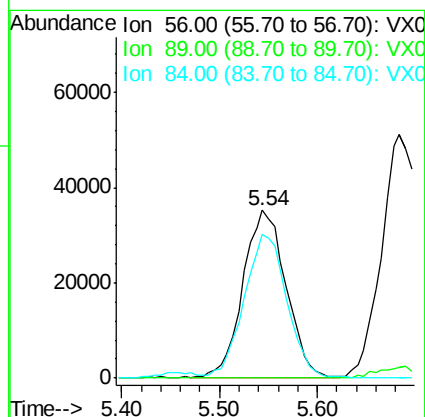
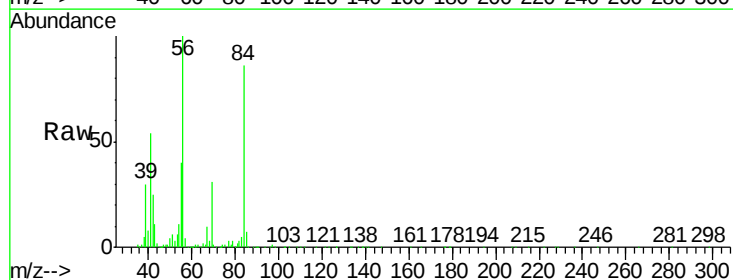
Tgt Ion: 56 Resp: 107556

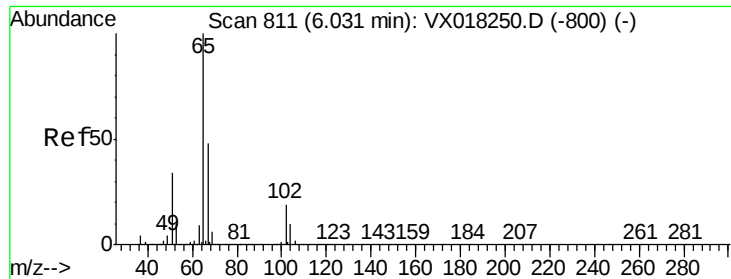
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 84.8 41.0 61.4#





#27

1,2-Dichloroethane-d4

Concen: 30.807 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 65 Resp: 163612

Ion Ratio Lower Upper

65 100

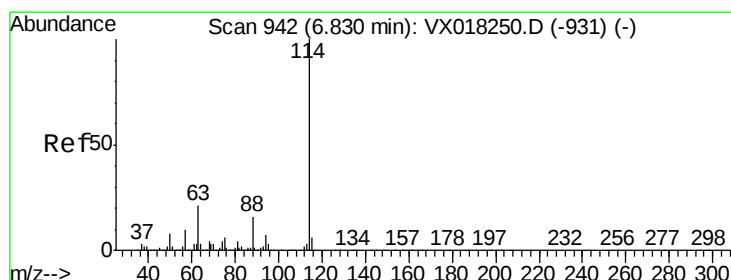
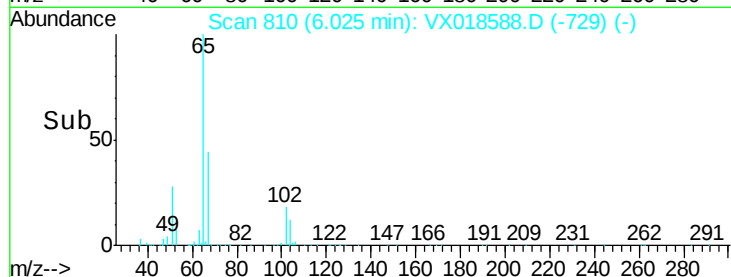
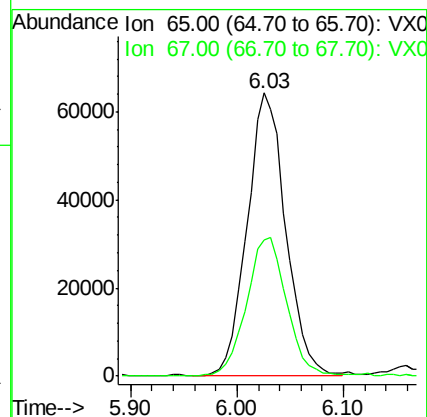
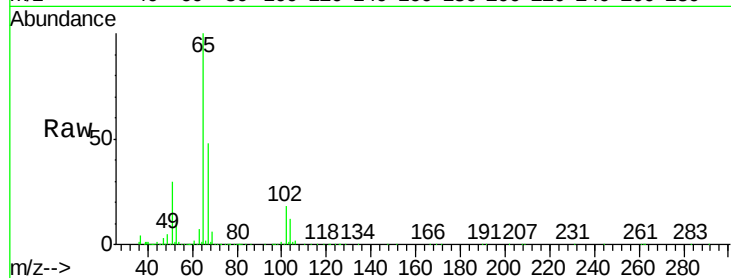
67 50.9 39.9 59.9

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

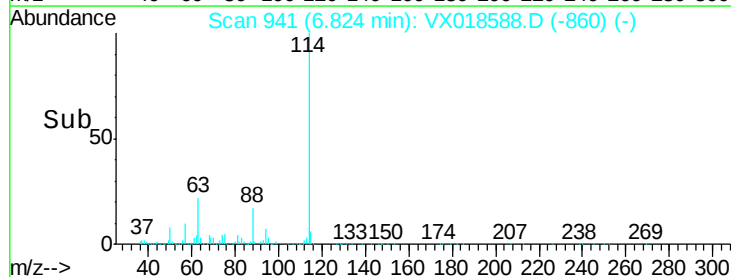
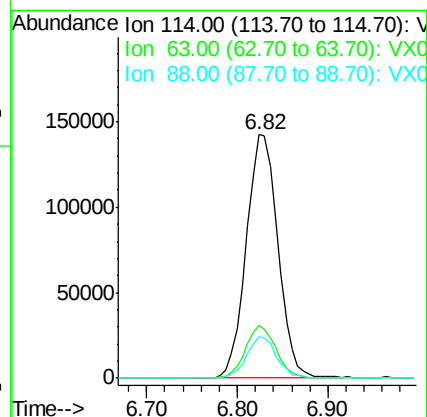
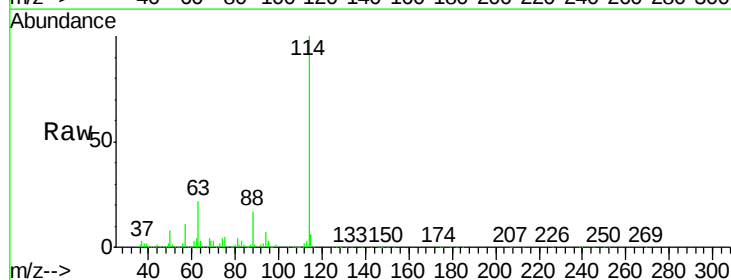
Tgt Ion: 114 Resp: 344773

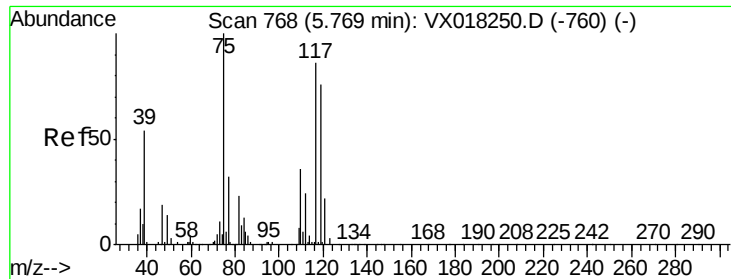
Ion Ratio Lower Upper

114 100

63 20.8 16.7 25.1

88 16.0 12.6 18.8





#29

1,1-Dichloropropene

Concen: 18.805 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

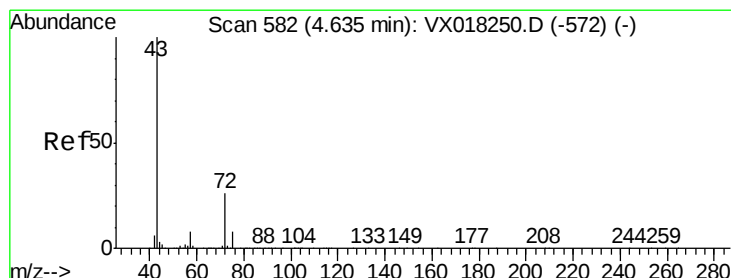
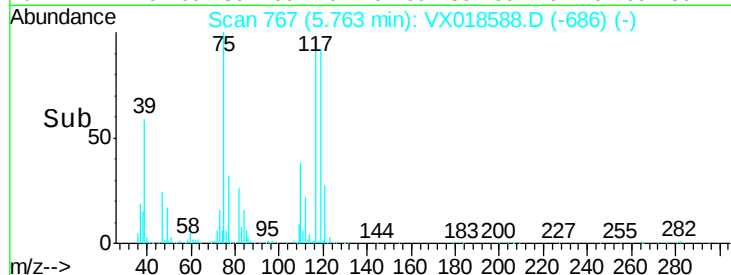
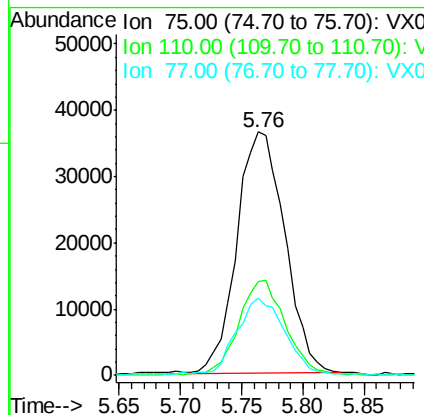
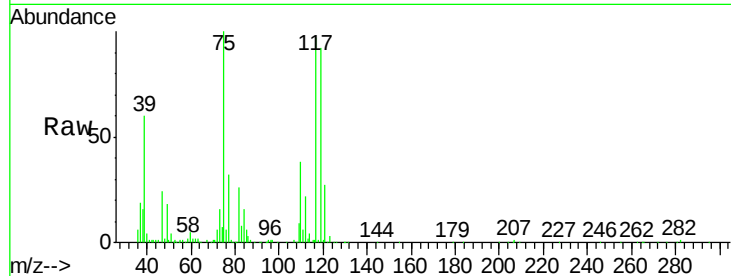
ClientSampleId :

VSTDCCC020

Tot Ion:	75	Resp:	98968
Ion Ratio	Lower	Upper	
75	100		
110	38.5	0.0	72.2
77	30.9	0.0	61.0

Manual Integrations
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#30

2-Butanone

Concen: 97.494 ug/l

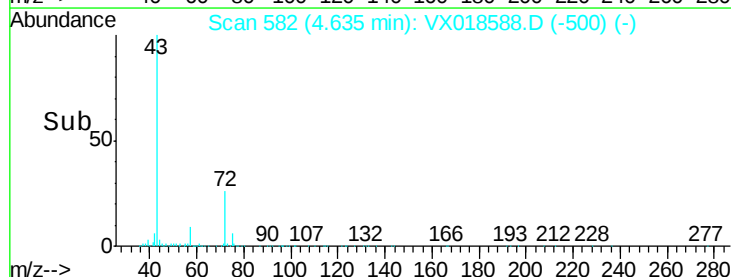
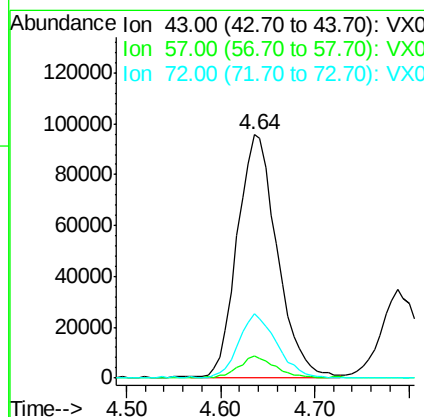
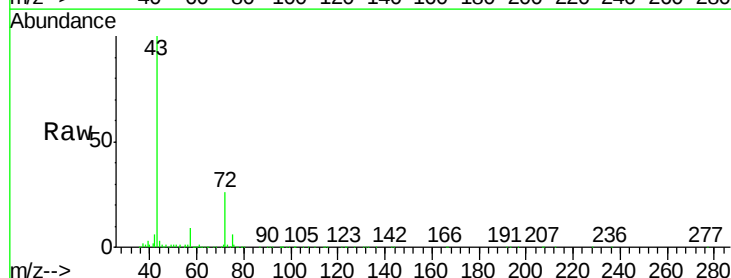
RT: 4.64 min Scan# 582

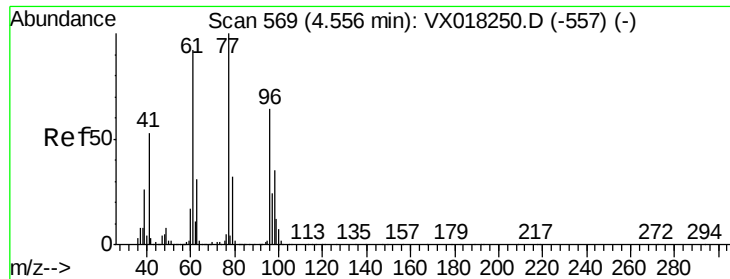
Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Tgt Ion:	43	Resp:	280943
Ion Ratio	Lower	Upper	
43	100		
57	8.2	6.7	10.1
72	25.0	20.0	30.0





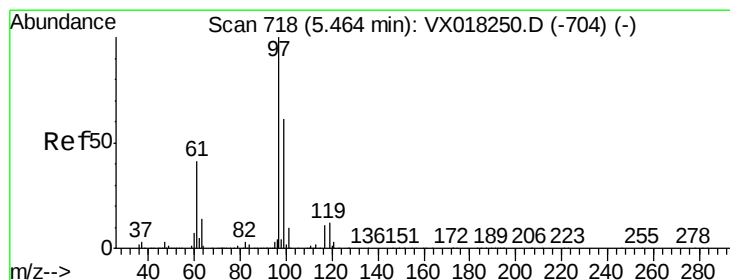
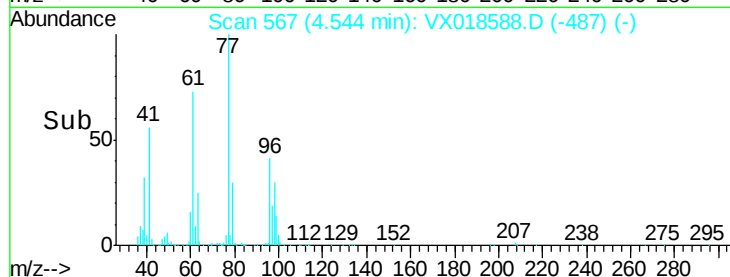
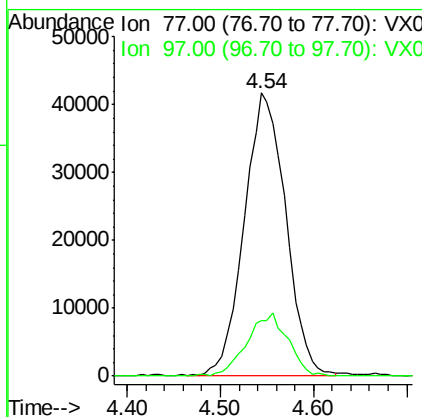
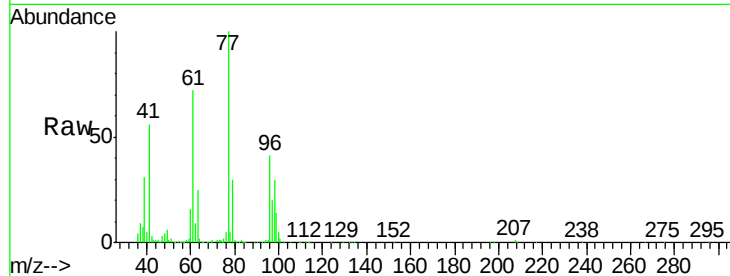
#31
 2,2-Dichloropropane
 Concen: 20.362 ug/l
 RT: 4.54 min Scan# 567
 Delta R.T. -0.01 min
 Lab File: VX018588.D
 Acq: 25 Sep 2020 09:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion: 77 Resp: 129444
 Ion Ratio Lower Upper
 77 100
 97 0.0 18.1 27.1#

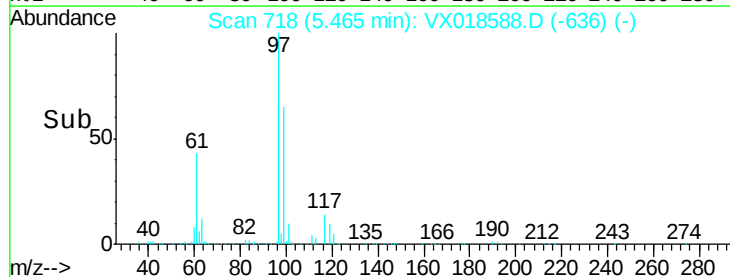
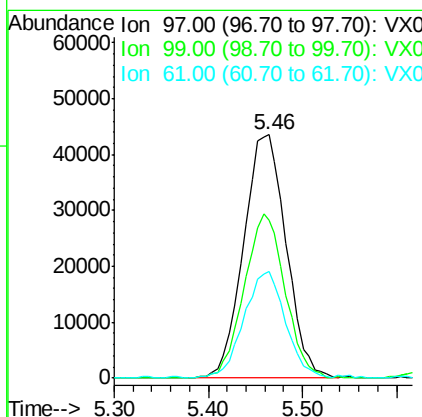
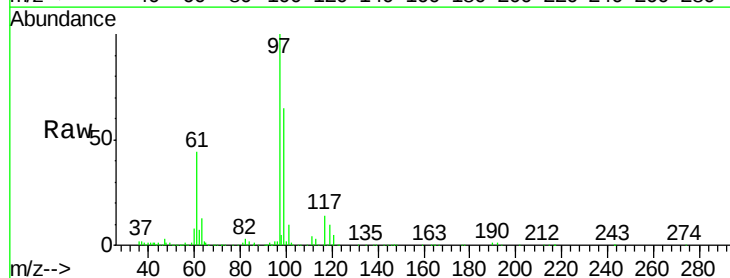
Manual Integrations
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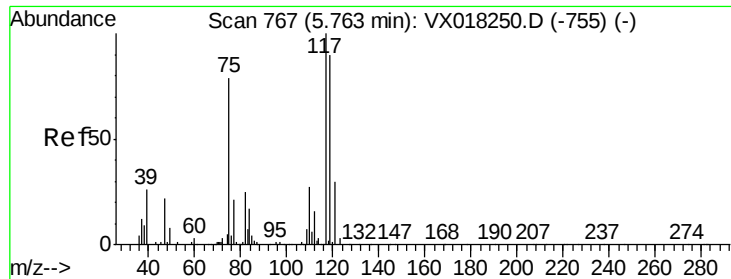
MMDadoda
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#32
 1,1,1-Trichloroethane
 Concen: 20.050 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX018588.D
 Acq: 25 Sep 2020 09:24

Tgt Ion: 97 Resp: 138115
 Ion Ratio Lower Upper
 97 100
 99 64.2 50.7 76.1
 61 42.7 34.5 51.7





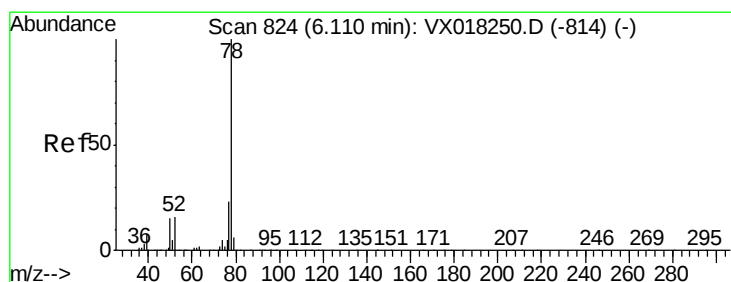
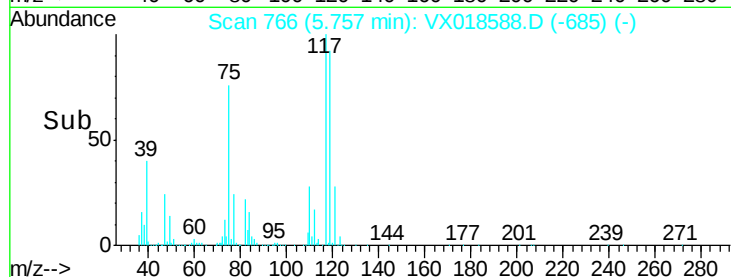
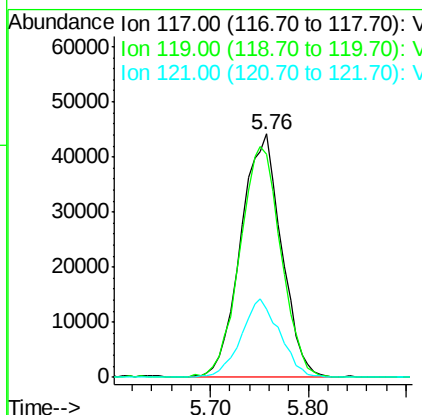
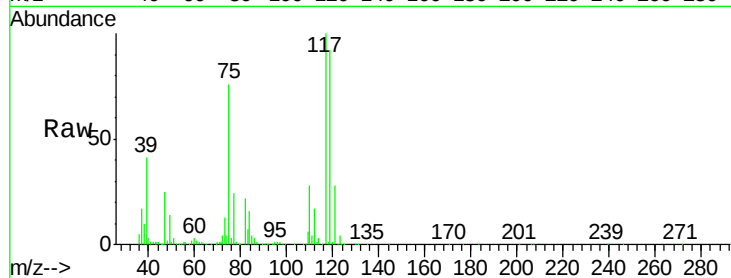
#33
Carbon Tetrachloride
Concen: 19.818 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.01 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
119	91.8	72.3	108.5
121	28.0	24.1	36.1

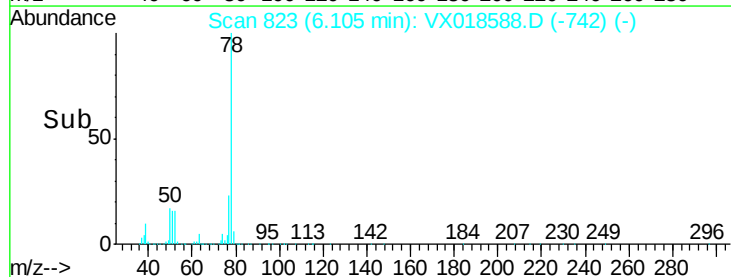
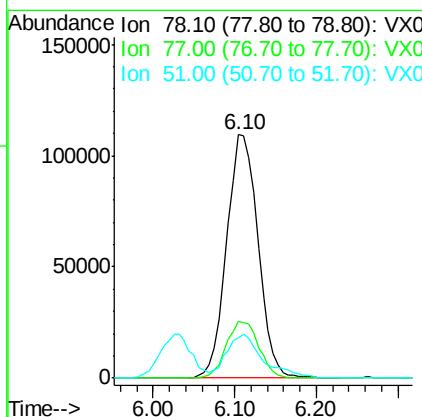
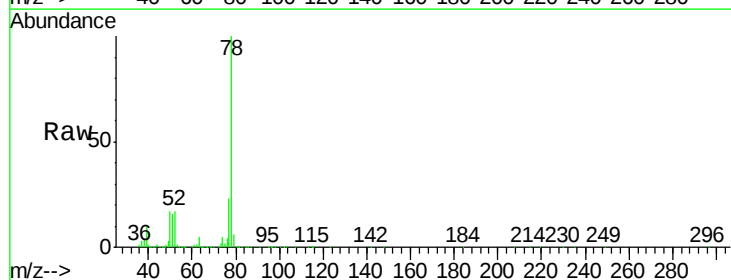
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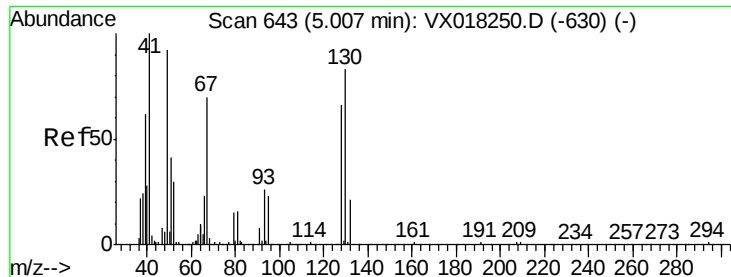
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#34
Benzene
Concen: 19.356 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.3	27.5
51	15.9	11.3	16.9





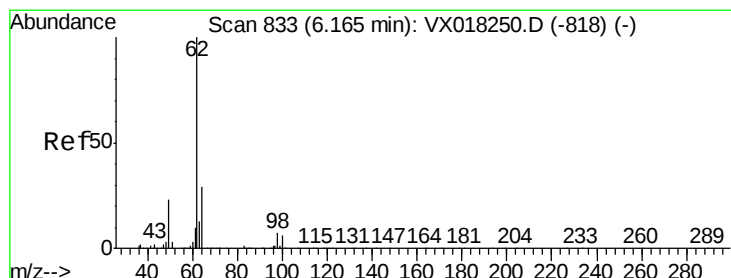
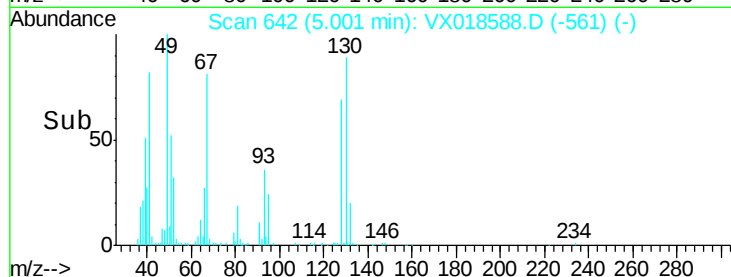
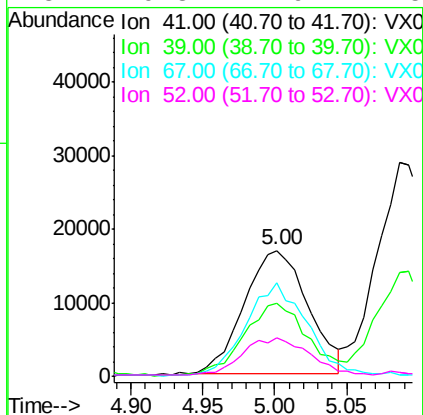
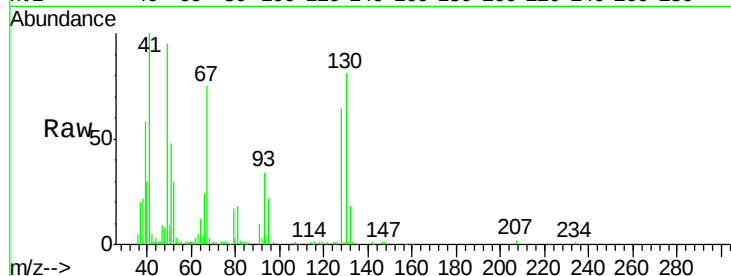
#35
Methacrylonitrile
Concen: 16.895 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	41	Resp	51307
Ion	Ratio	Lower	Upper
41	100		
39	57.1	31.3	93.9
67	75.3	35.4	106.2
52	29.8	14.9	44.5

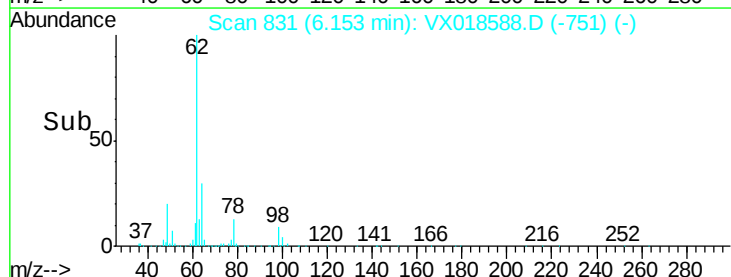
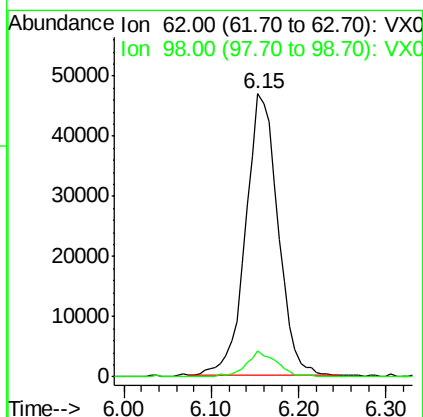
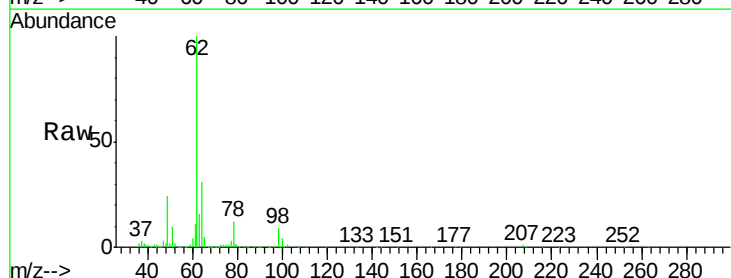
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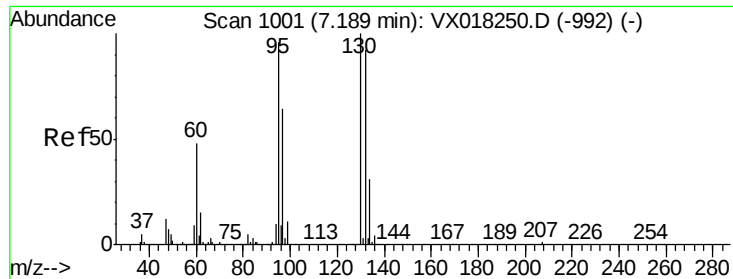
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#36
1,2-Dichloroethane
Concen: 19.423 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

Tgt Ion	62	Resp	120762
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	0.0#





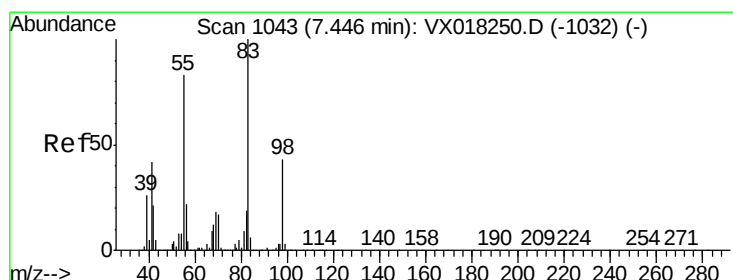
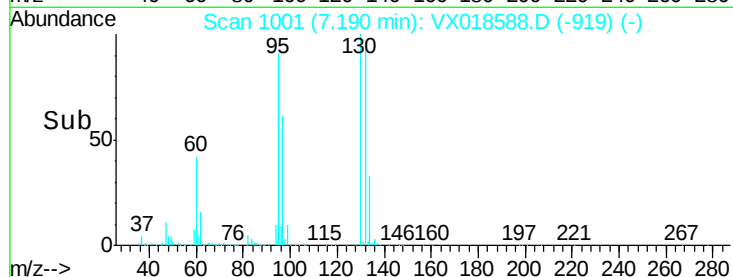
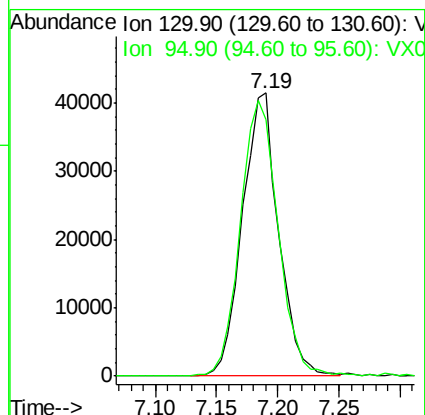
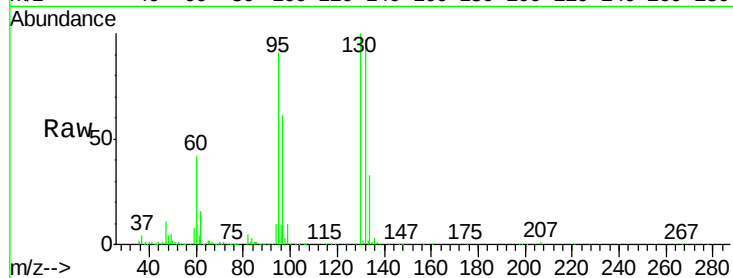
#37
 Trichloroethene
 Concen: 19.604 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX018588.D
 Acq: 25 Sep 2020 09:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion:130 Resp: 85163
 Ion Ratio Lower Upper
 130 100
 95 90.4 76.9 115.3

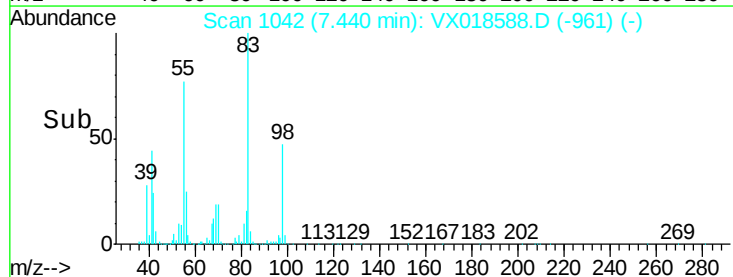
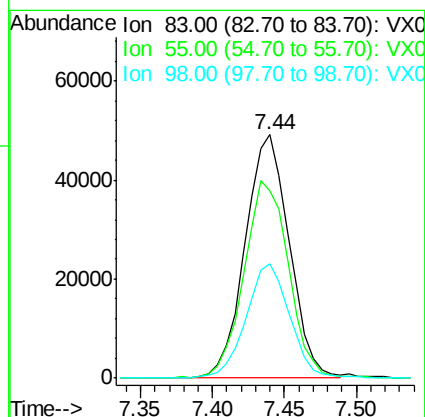
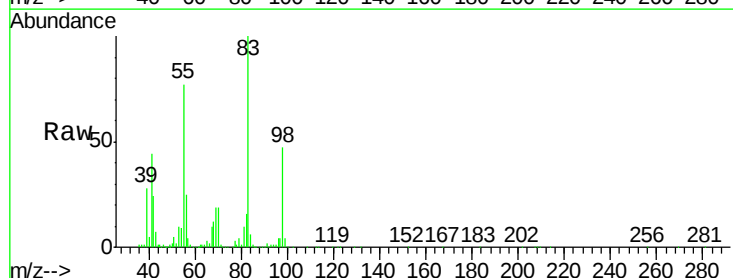
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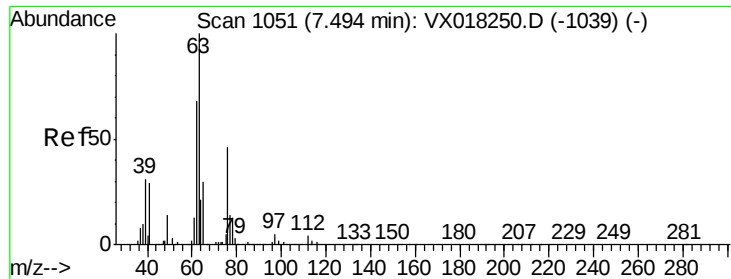
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#38
 Methylcyclohexane
 Concen: 18.486 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX018588.D
 Acq: 25 Sep 2020 09:24

Tgt Ion: 83 Resp: 103629
 Ion Ratio Lower Upper
 83 100
 55 82.0 41.1 123.4
 98 46.4 24.0 72.0





#39

1,2-Dichloropropane

Concen: 19.404 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 63 Resp: 78076

Ion Ratio Lower Upper

63 100

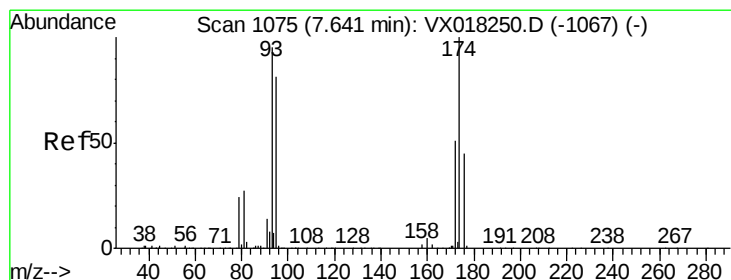
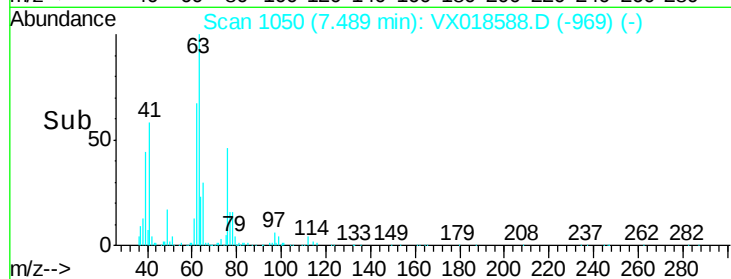
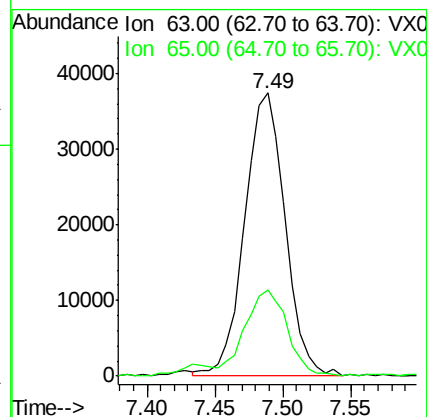
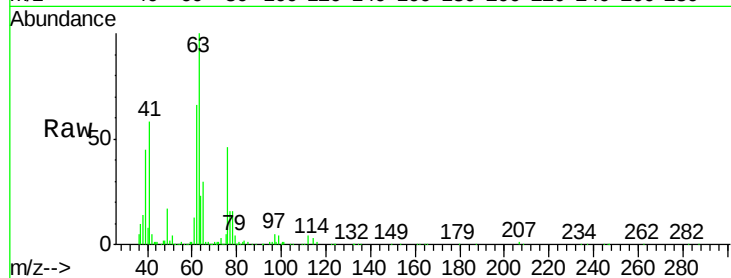
65 30.2 25.7 38.5

Manual Integrations

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#40

Dibromomethane

Concen: 19.707 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

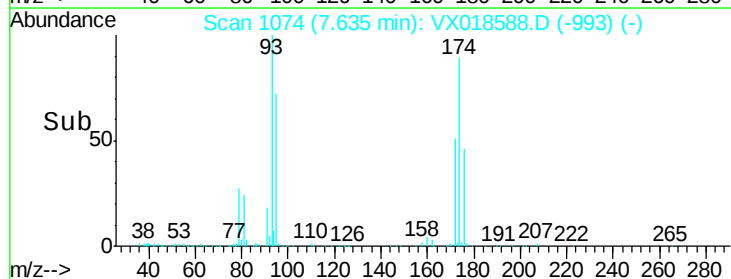
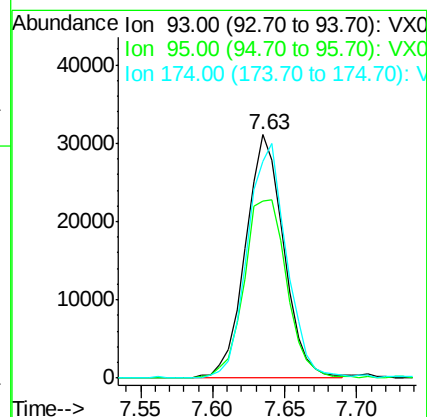
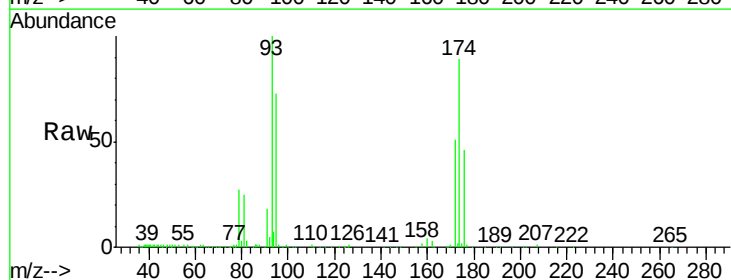
Tgt Ion: 93 Resp: 57262

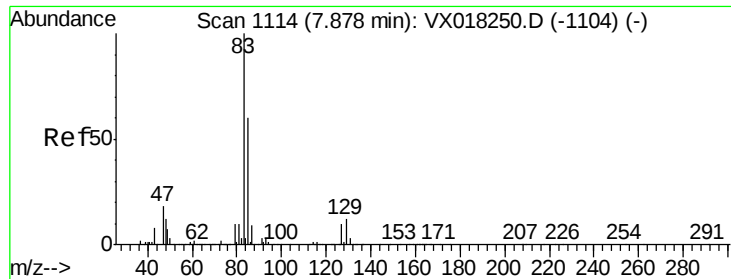
Ion Ratio Lower Upper

93 100

95 81.0 0.0 167.0

174 98.1 0.0 202.0





#41

Bromodichloromethane

Concen: 19.721 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

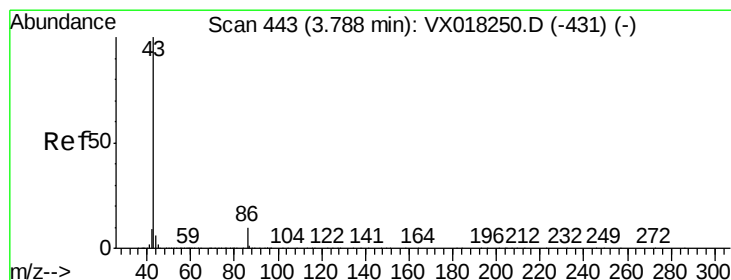
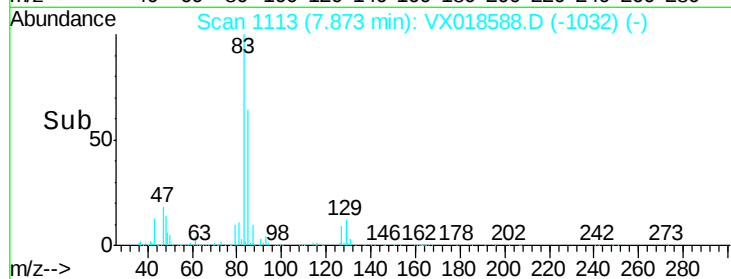
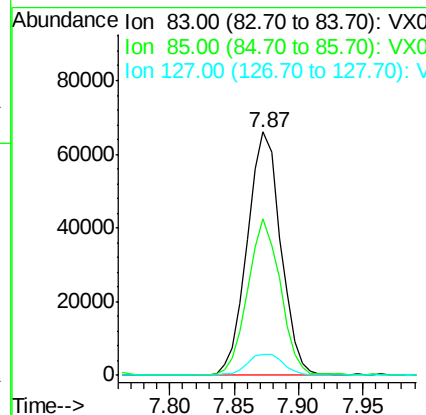
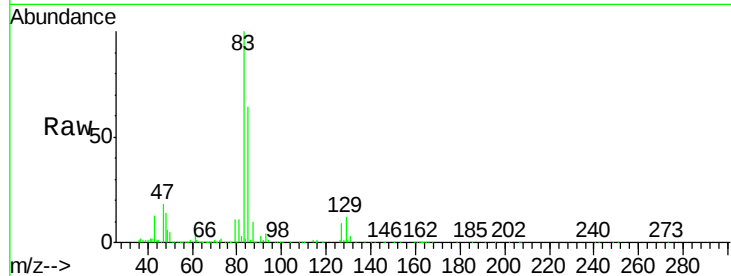
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	118762
Ion Ratio	Lower	Upper	
83	100		
85	64.3	48.2	72.2
127	8.7	8.0	12.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 92.421 ug/l

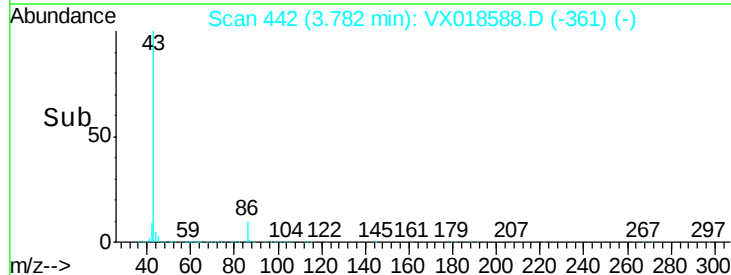
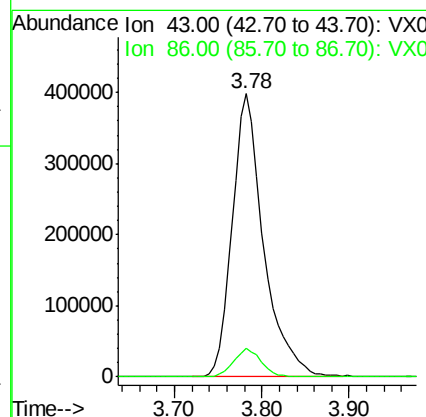
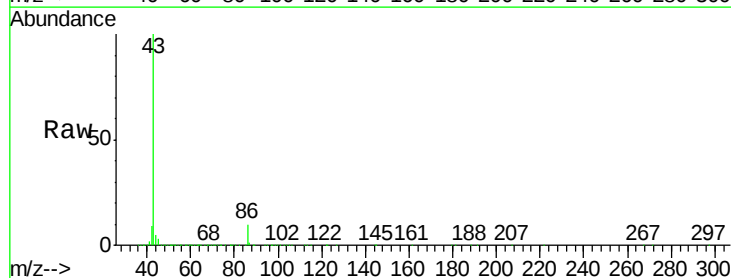
RT: 3.78 min Scan# 442

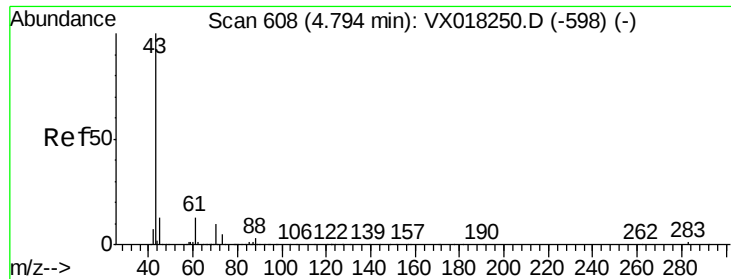
Delta R.T. -0.01 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Tgt Ion:	43	Resp:	993628
Ion Ratio	Lower	Upper	
43	100		
86	8.9	7.2	10.8





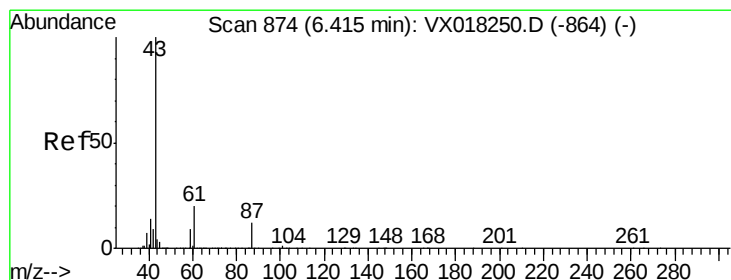
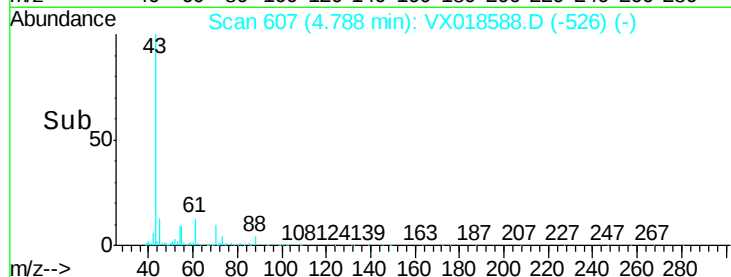
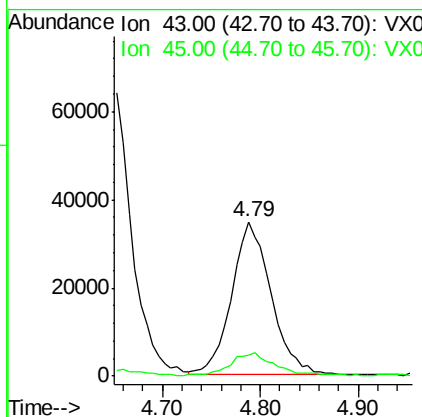
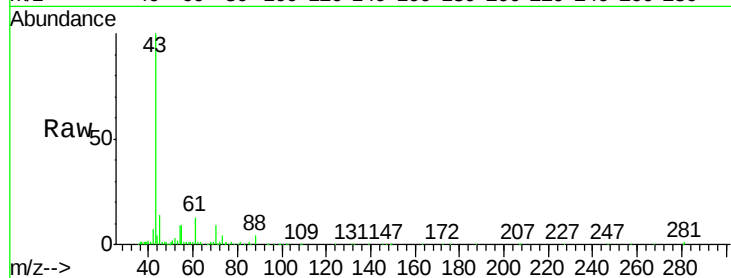
#43
Ethyl Acetate
Concen: 16.814 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	43	Ratio	Lower	Upper
43	100			
45	14.5	11.2	16.8	

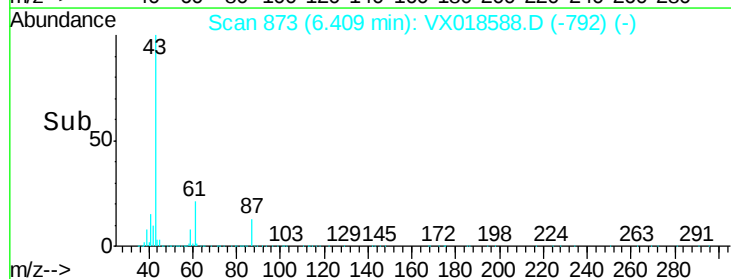
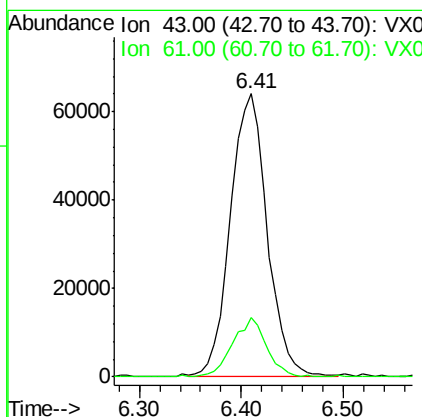
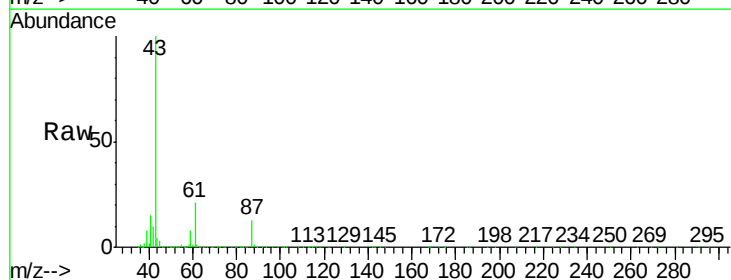
Manual Integrations
APPROVED

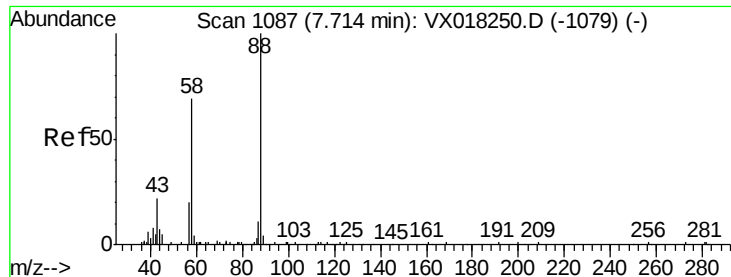
MMDadoda
9/28/2020 12:49:48 PM



#44
Isopropyl Acetate
Concen: 17.340 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

Tgt Ion	43	Ratio	Lower	Upper
43	100			
61	19.4	14.6	22.0	





#45

1,4-Dioxane

Concen: 279.949 ug/l m

RT: 7.76 min Scan# 1095

Delta R.T. 0.05 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

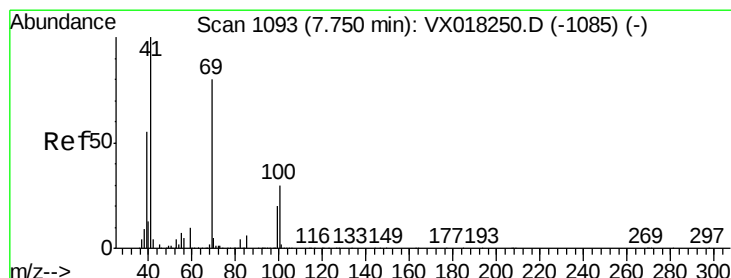
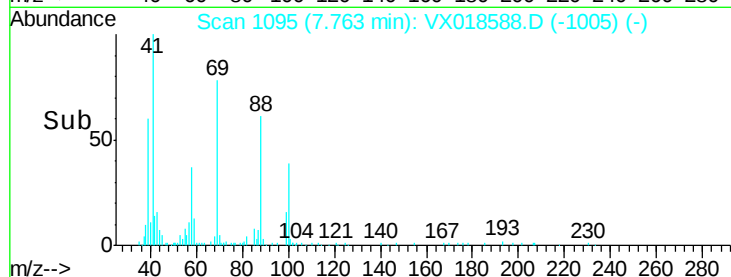
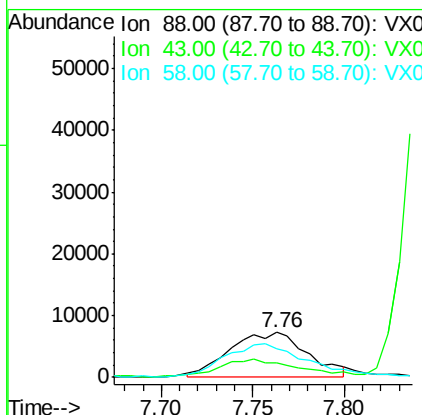
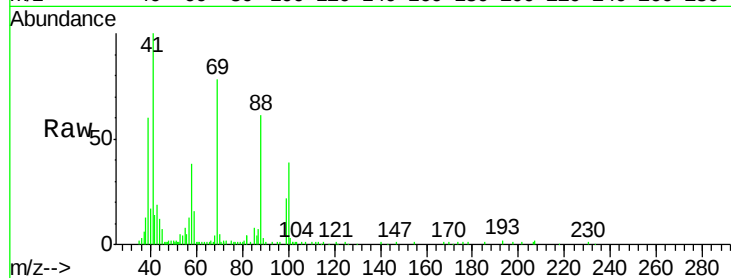
ClientSampleId :

VSTDCCC020

Tot Ion:	88	Resp:	21597
Ion	Ratio	Lower	Upper
88	100		
43	38.5	13.6	20.4#
58	78.3	58.2	87.4

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#46

Methyl methacrylate

Concen: 16.812 ug/l

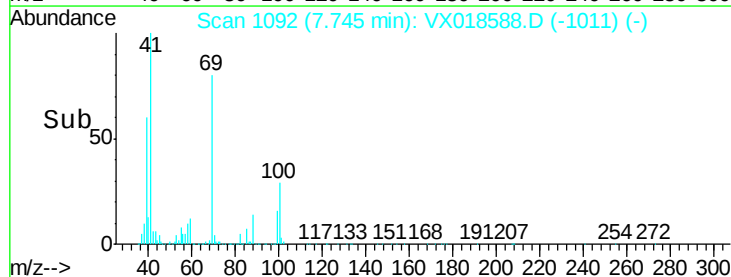
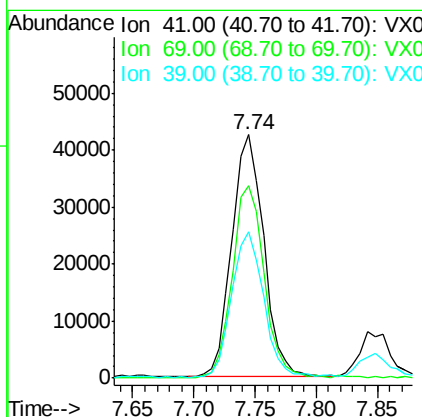
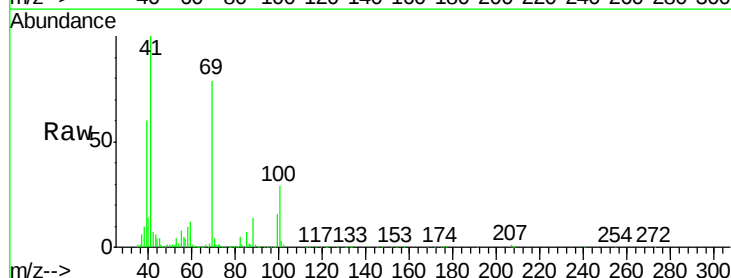
RT: 7.74 min Scan# 1092

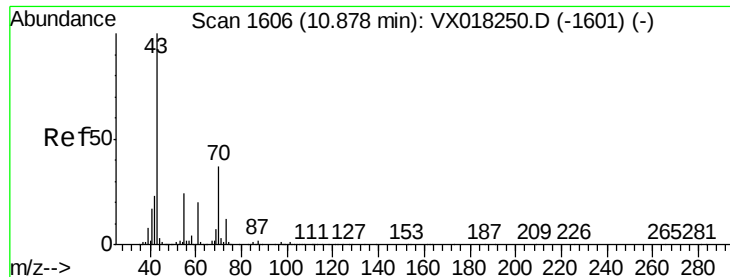
Delta R.T. -0.01 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Tgt Ion:	41	Resp:	76408
Ion	Ratio	Lower	Upper
41	100		
69	79.4	40.3	120.8
39	60.1	27.3	81.9





#47

n-amyl Acetate

Concen: 15.589 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 43 Resp: 126491

Ion Ratio Lower Upper

43 100

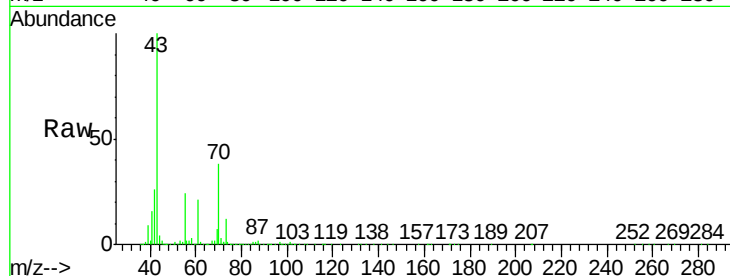
55 25.6 18.9 28.3

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

120000

100000

80000

60000

40000

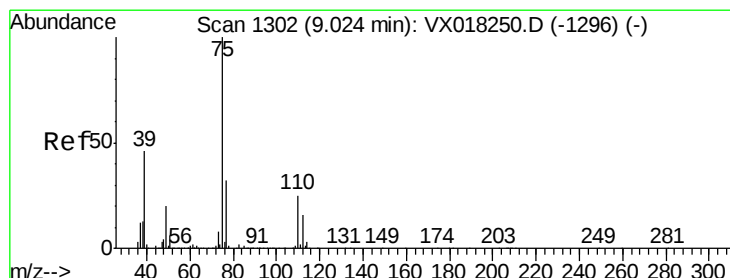
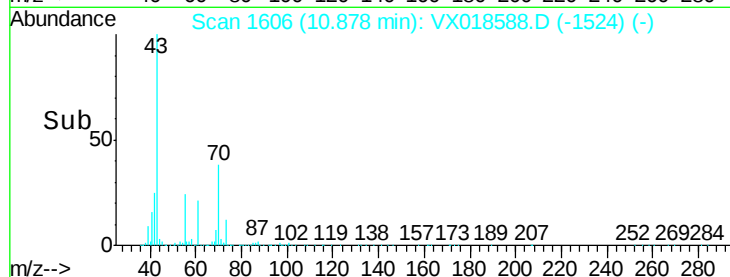
20000

0

10.85

10.90

Time-->



#48

t-1,3-Dichloropropene

Concen: 19.403 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX018588.D

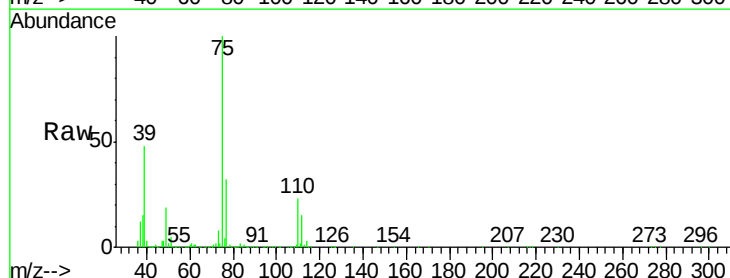
Acq: 25 Sep 2020 09:24

Tgt Ion: 75 Resp: 125513

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

100000

80000

60000

40000

20000

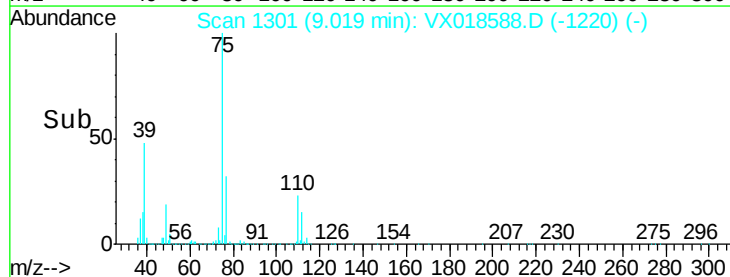
0

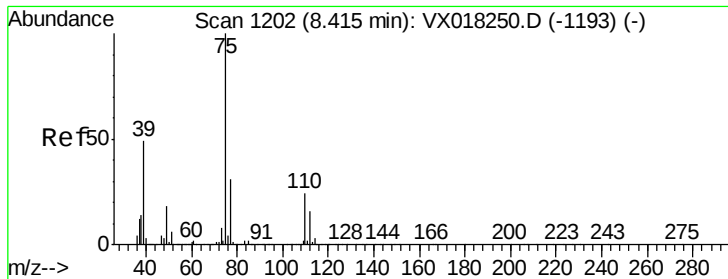
8.95

9.00

9.05

Time-->





#49

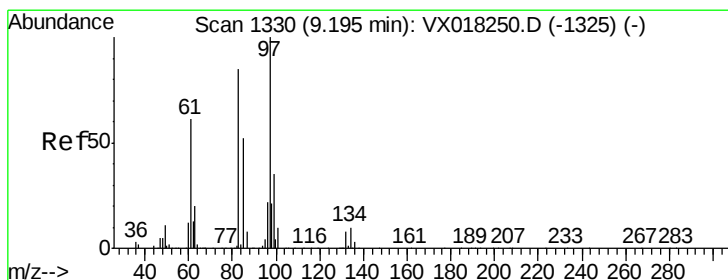
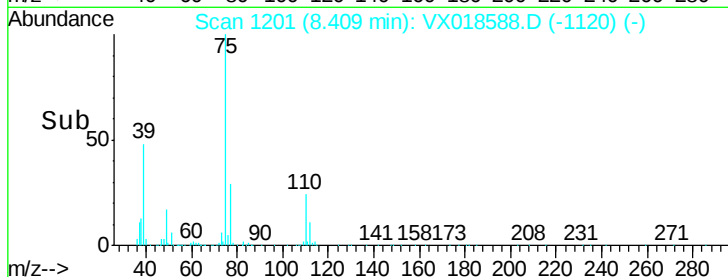
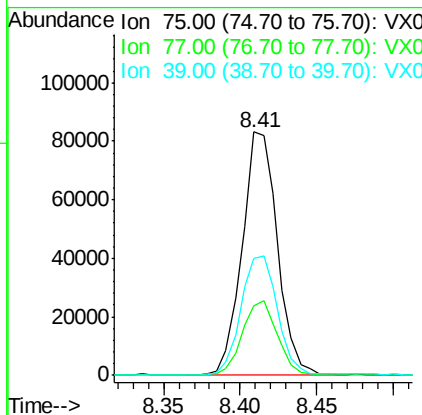
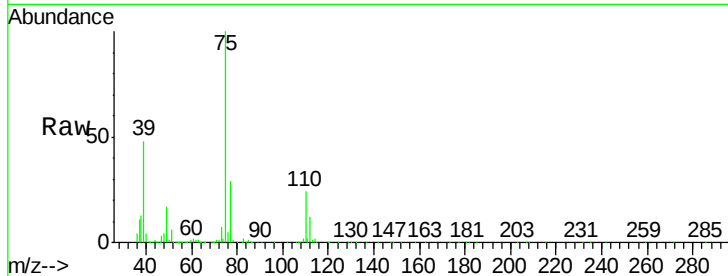
cis-1,3-Dichloropropene
Concen: 19.637 ug/l
RT: 8.41 min Scan# 1201
Delta R.T. -0.01 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	28.7	24.7	37.1
39	47.6	39.6	59.4

Manual Integrations
APPROVED

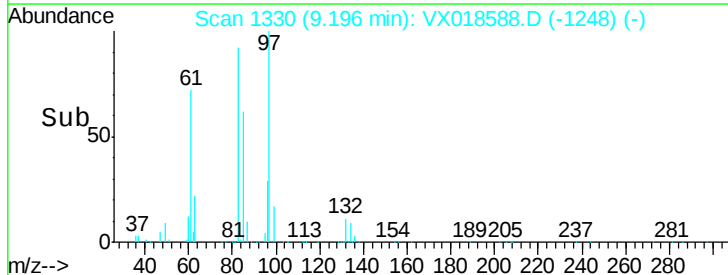
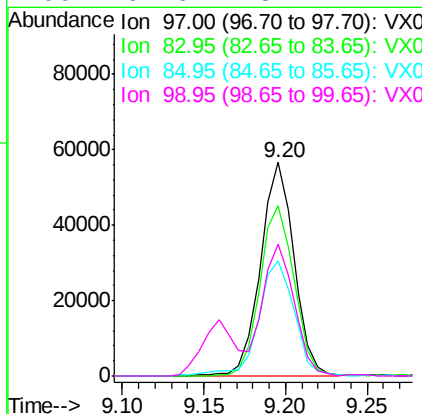
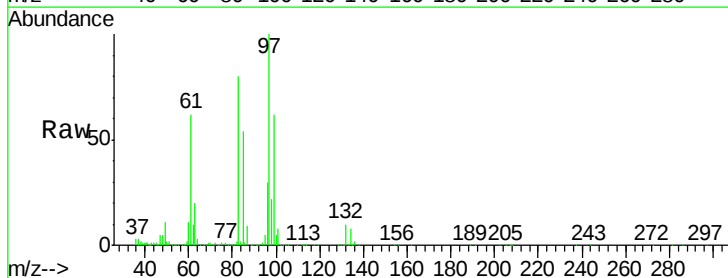
MMDadoda
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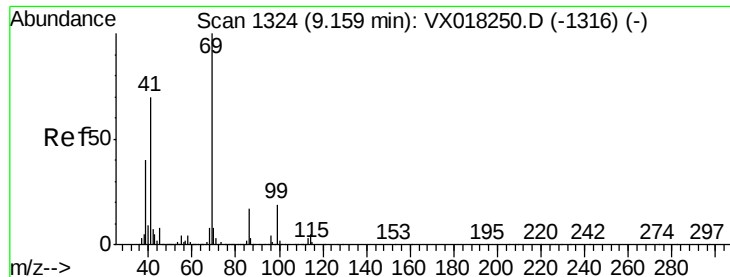


#50

1,1,2-Trichloroethane
Concen: 19.922 ug/l
RT: 9.20 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.0	68.1	102.1
85	53.4	42.6	64.0
99	61.6	48.2	72.2





#51

Ethyl methacrylate

Concen: 17.550 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

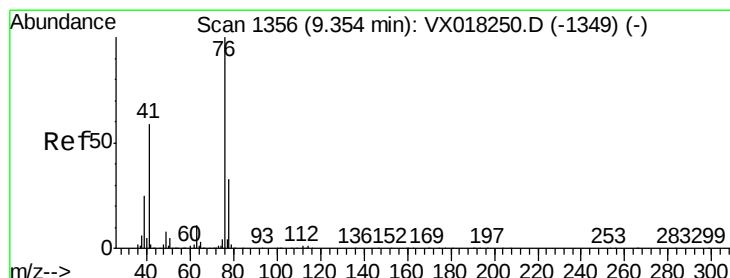
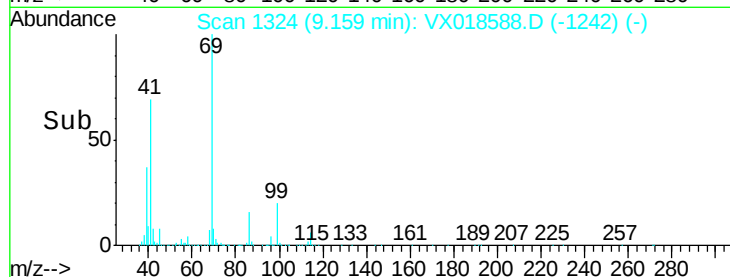
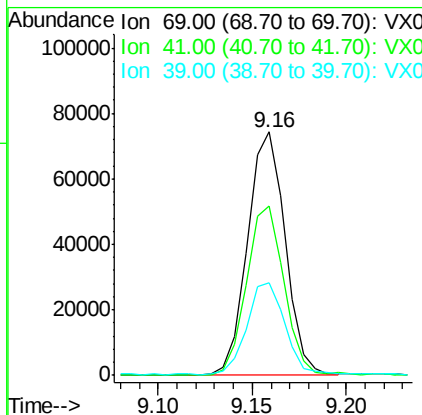
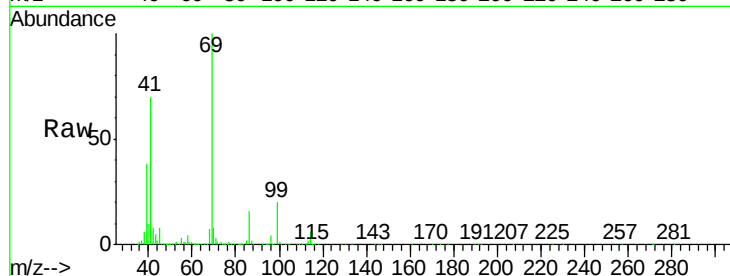
ClientSampleId :

VSTDCCC020

Tot Ion:	69	Resp:	102931
Ion	Ratio	Lower	Upper
69	100		
41	69.2	34.9	104.7
39	37.5	19.8	59.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 18.807 ug/l

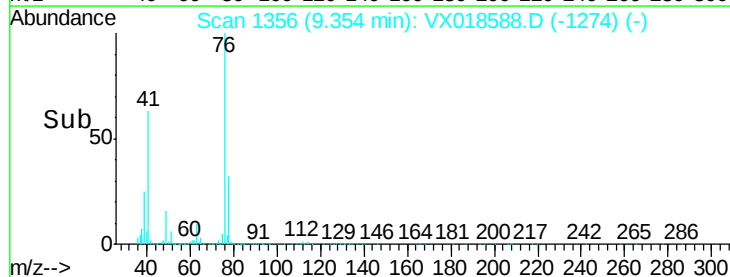
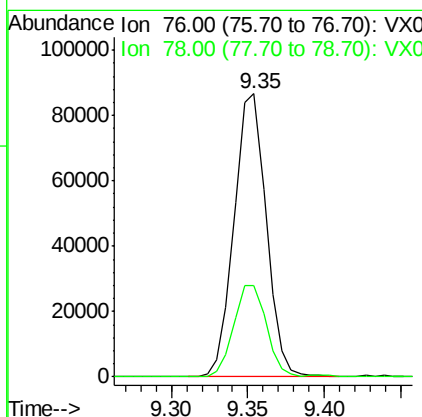
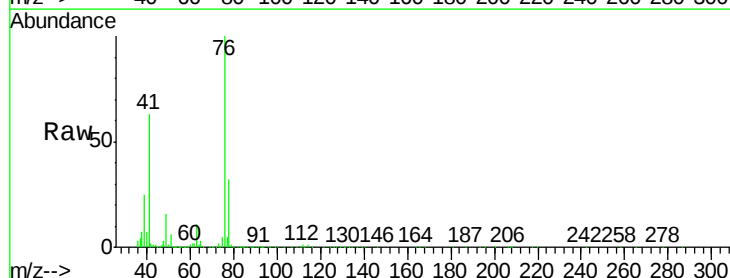
RT: 9.35 min Scan# 1356

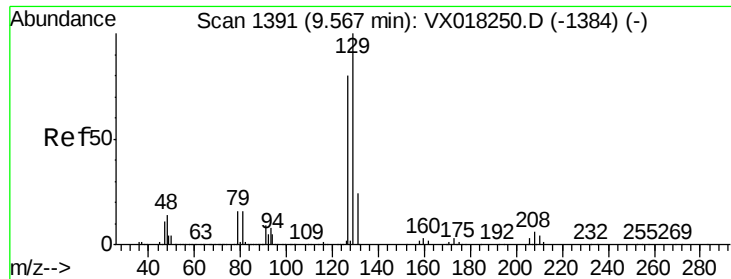
Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Tgt Ion:	76	Resp:	126389
Ion	Ratio	Lower	Upper
76	100		
78	33.1	0.0	62.2





#53

Dibromochloromethane

Concen: 19.296 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:129 Resp: 97141

Ion Ratio Lower Upper

129 100

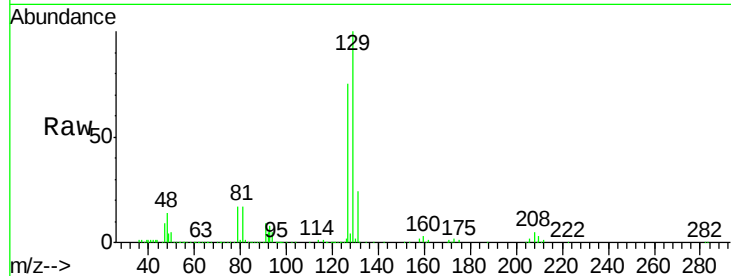
127 75.8 38.9 116.6

Manual Integrations

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

80000

60000

40000

20000

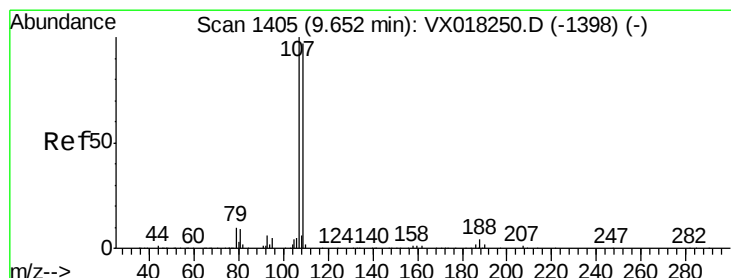
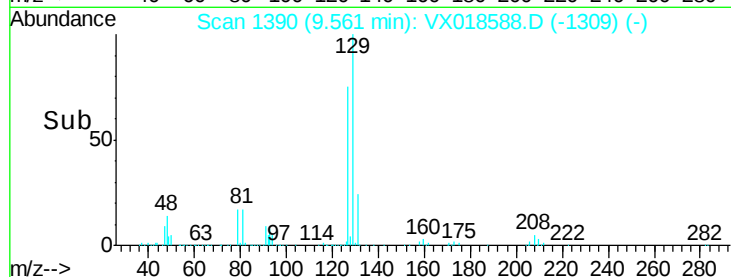
0

9.50

9.55

9.60

Time-->



#54

1,2-Dibromoethane

Concen: 18.690 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018588.D

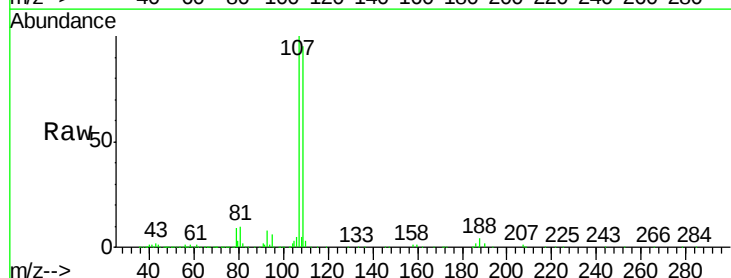
Acq: 25 Sep 2020 09:24

Tgt Ion:107 Resp: 83015

Ion Ratio Lower Upper

107 100

109 94.0 77.8 116.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

60000

40000

20000

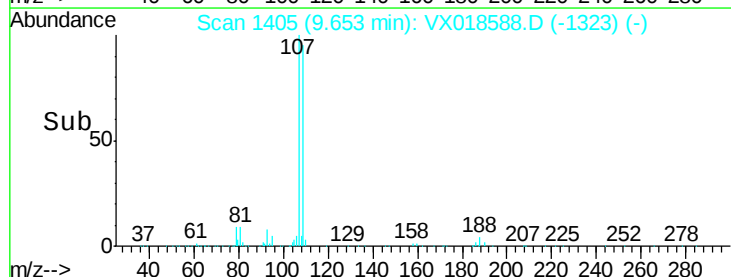
0

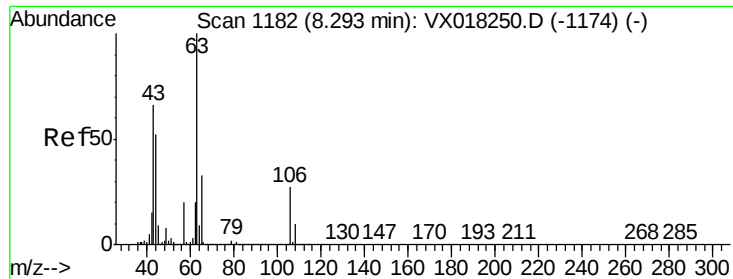
9.60

9.65

9.70

Time-->





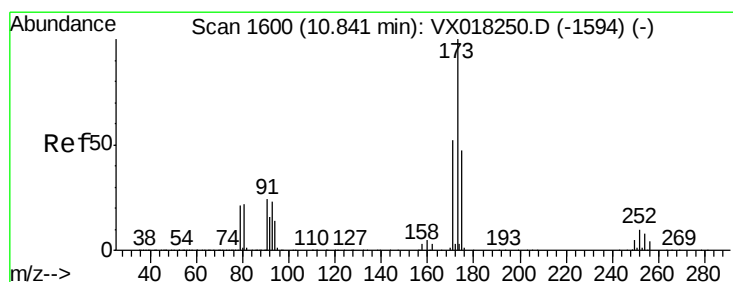
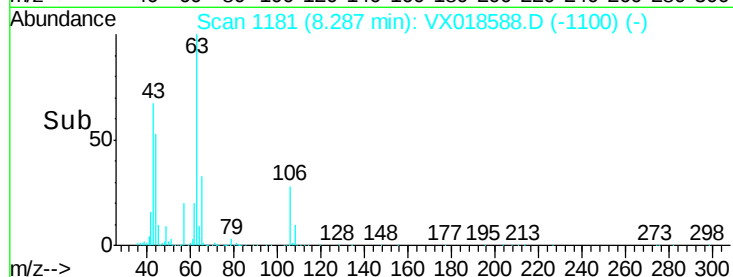
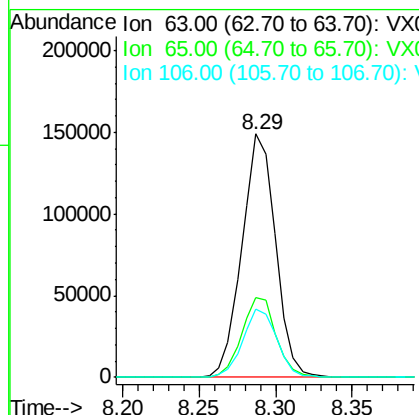
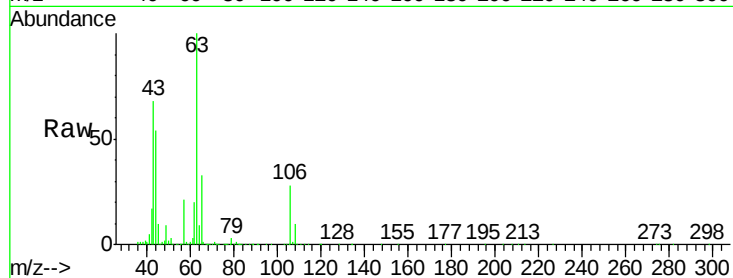
#55
2-Chloroethyl vinyl ether
Concen: 74.273 ug/l
RT: 8.29 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:	63	Resp:	227481
Ion	Ratio	Lower	Upper
63	100		
65	33.3	26.0	39.0
106	28.5	22.3	33.5

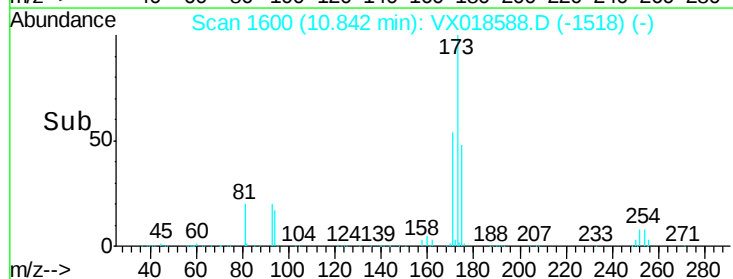
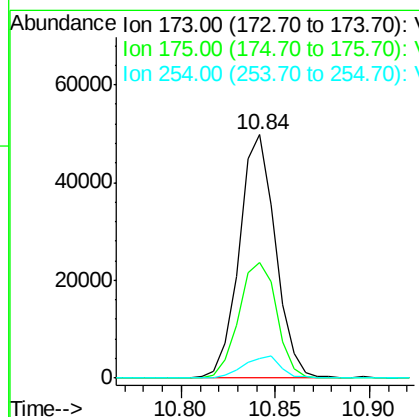
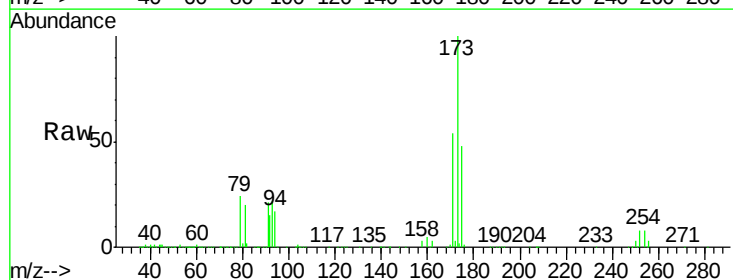
Manual Integrations
APPROVED

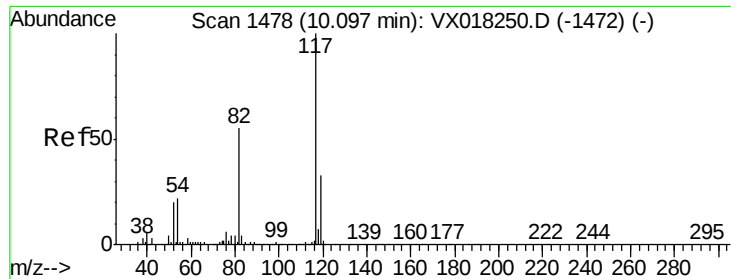
MMDadoda
9/28/2020 12:49:48 PM



#56
Bromoform
Concen: 17.239 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

Tgt Ion:	173	Resp:	65938
Ion	Ratio	Lower	Upper
173	100		
175	50.0	40.2	60.2
254	9.4	7.3	10.9





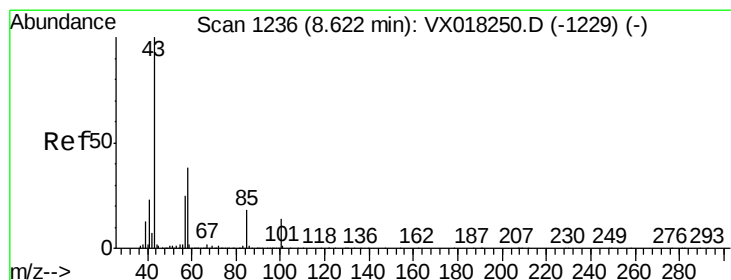
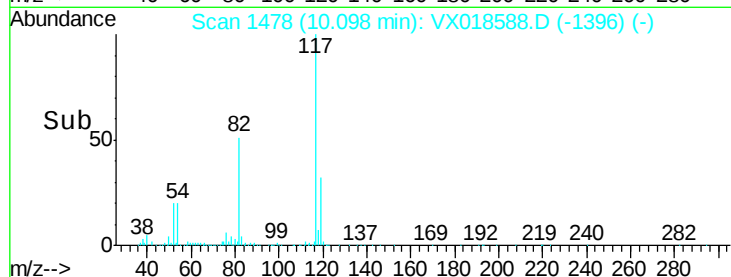
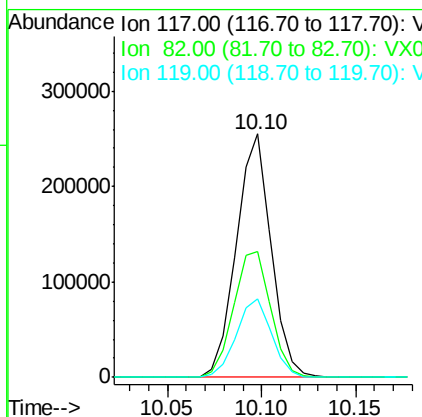
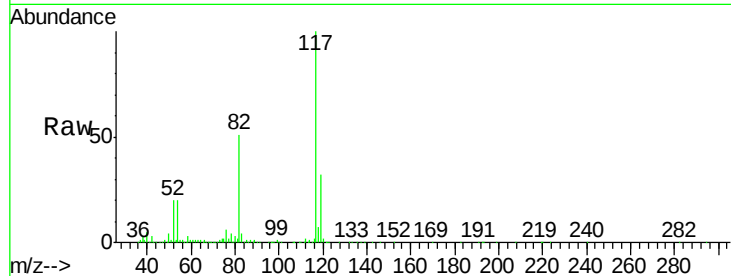
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	326385		
82	55.2		44.2	66.4
119	32.9		26.1	39.1

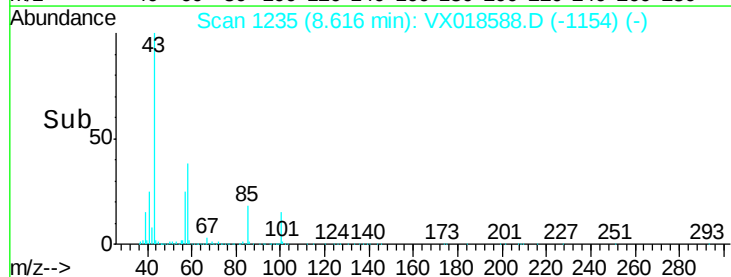
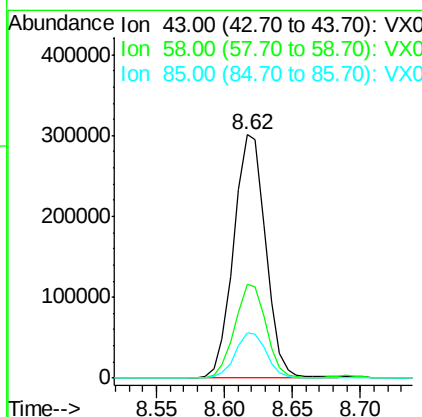
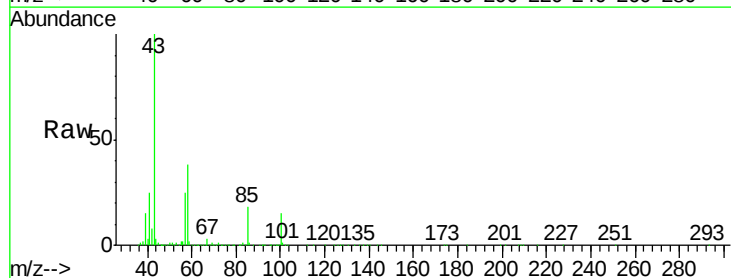
Manual Integrations
APPROVED

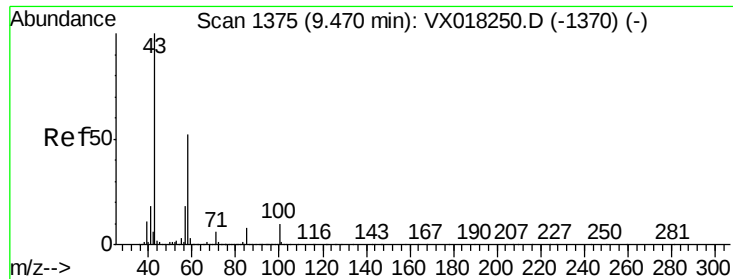
MMDadoda
9/28/2020 12:49:48 PM



#58
4-Methyl-2-Pentanone
Concen: 87.890 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	493395		
58	37.6		30.0	45.0
85	18.2		14.2	21.4





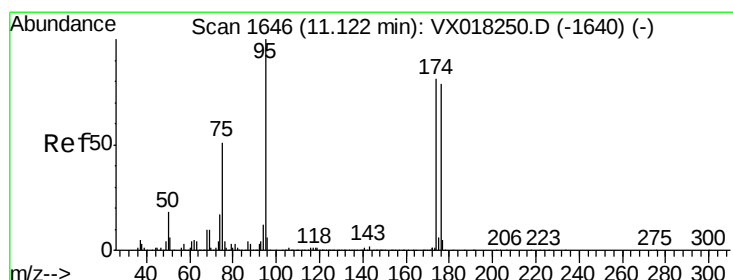
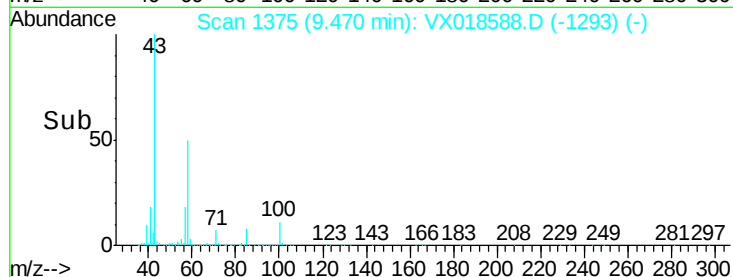
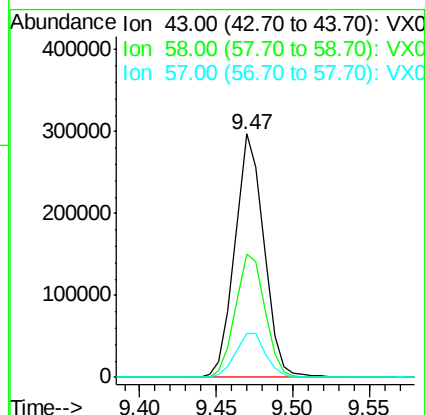
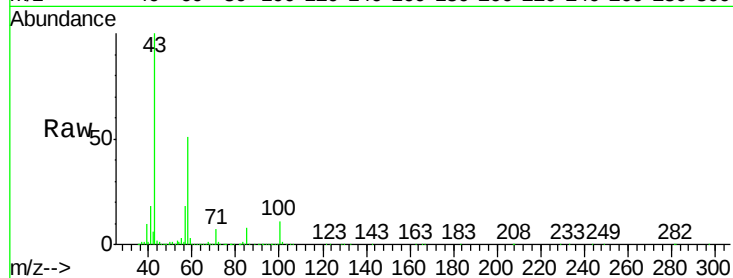
#59
2-Hexanone
Concen: 92.235 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.6	42.5	63.7
57	18.8	14.8	22.2

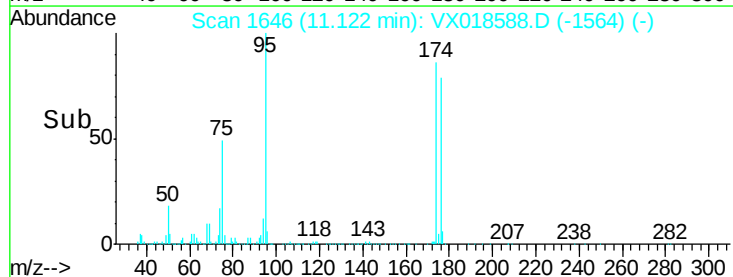
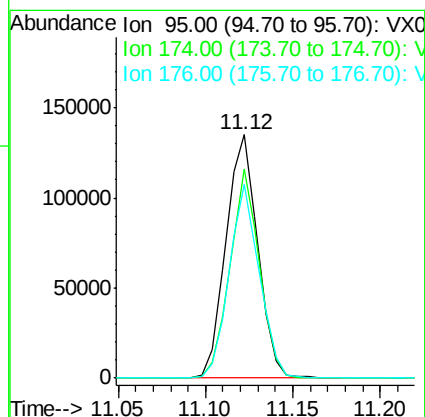
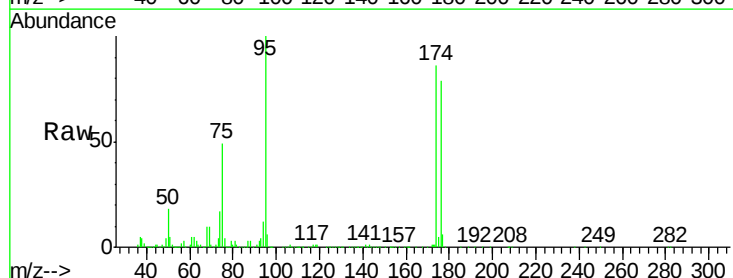
Manual Integrations
APPROVED

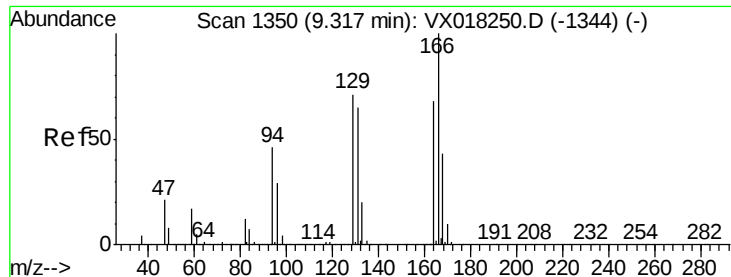
MMDadoda
9/28/2020 12:49:48 PM



#60
4-Bromofluorobenzene
Concen: 30.102 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.9	64.2	96.4
176	75.7	62.2	93.4





#61

Tetrachloroethene

Concen: 21.806 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:164 Resp: 88762

Ion Ratio Lower Upper

164 100

166 120.9 117.4 176.0

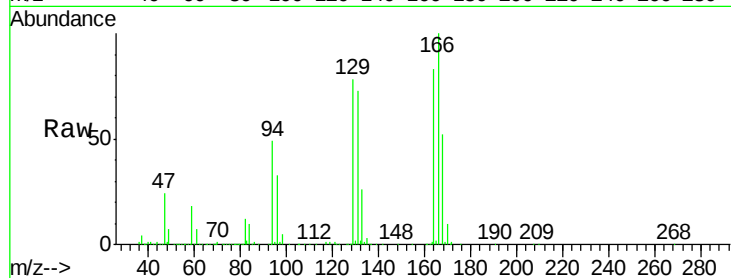
129 94.1 82.7 124.1

131 88.8 76.7 115.1

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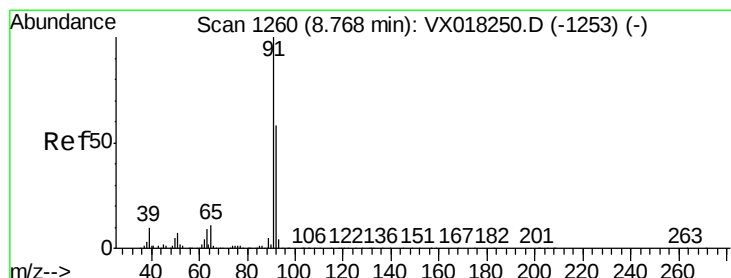
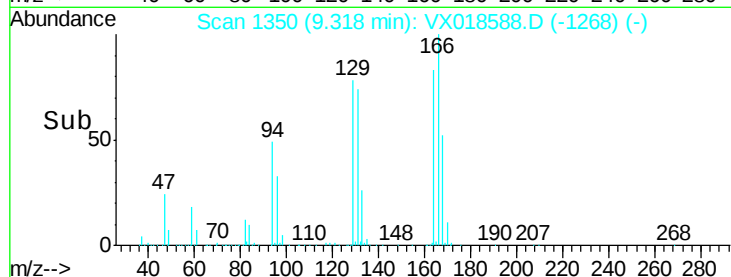
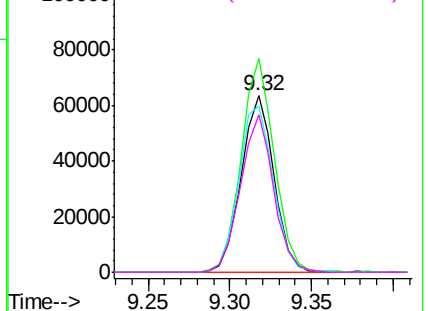


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.595 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018588.D

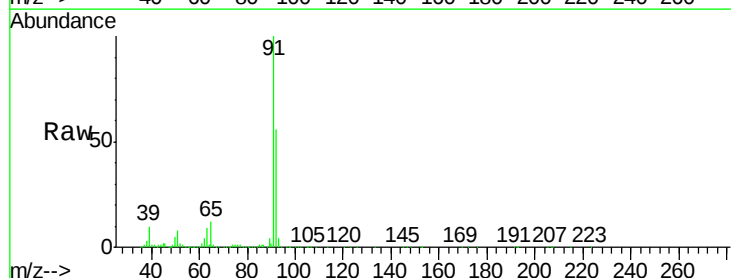
Acq: 25 Sep 2020 09:24

Tgt Ion: 91 Resp: 321863

Ion Ratio Lower Upper

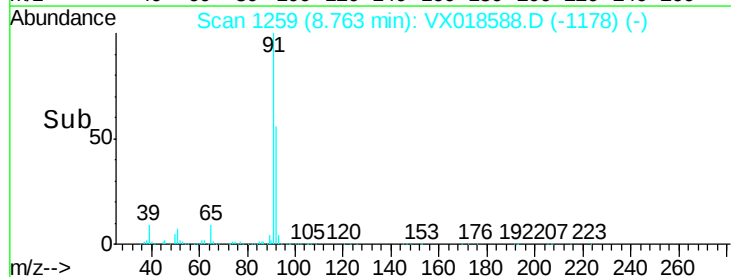
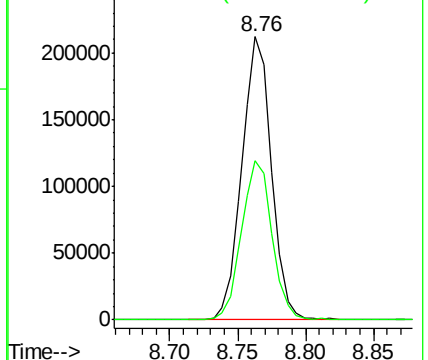
91 100

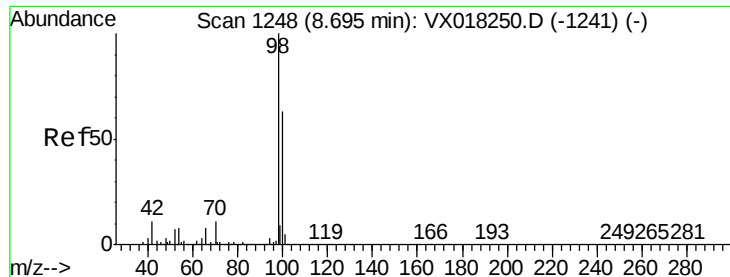
92 57.9 46.9 70.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 31.111 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 98 Resp: 447558

Ion Ratio Lower Upper

98 100

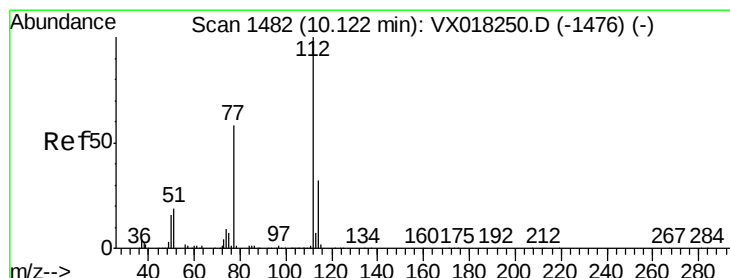
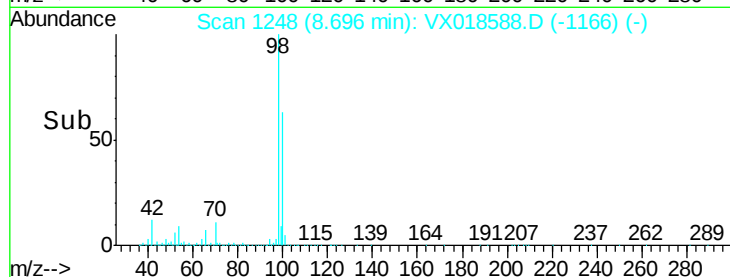
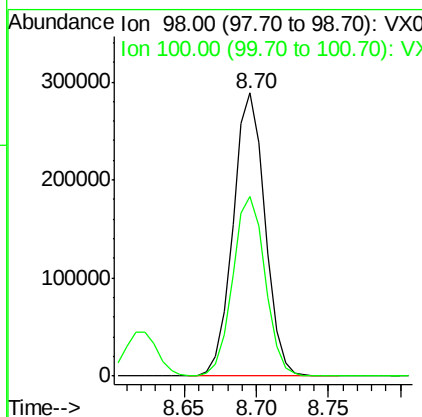
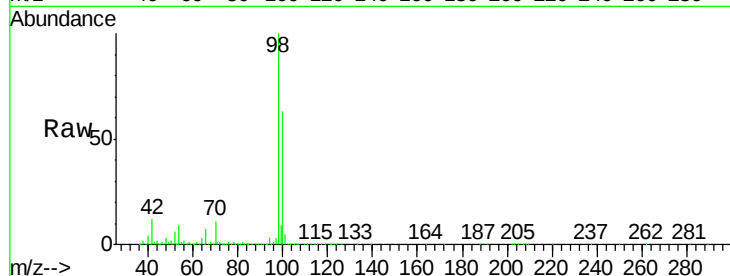
100 64.3 51.4 77.0

Manual Integrations

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#64

Chlorobenzene

Concen: 19.203 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018588.D

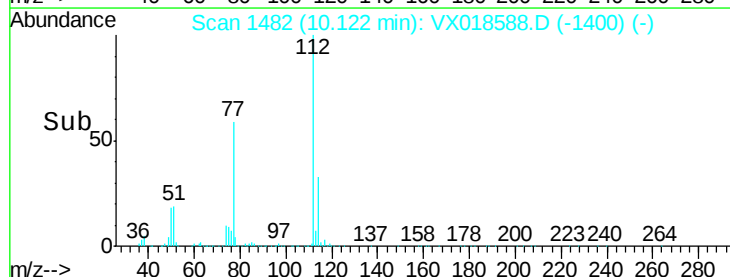
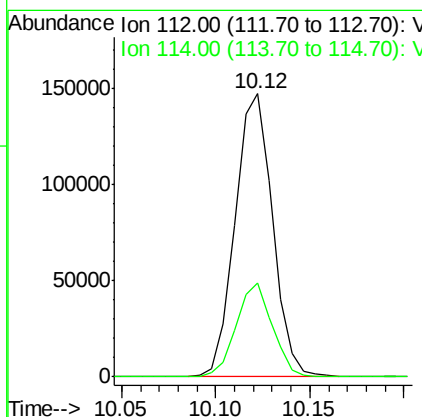
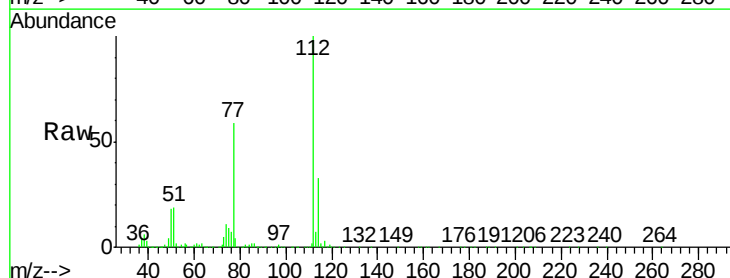
Acq: 25 Sep 2020 09:24

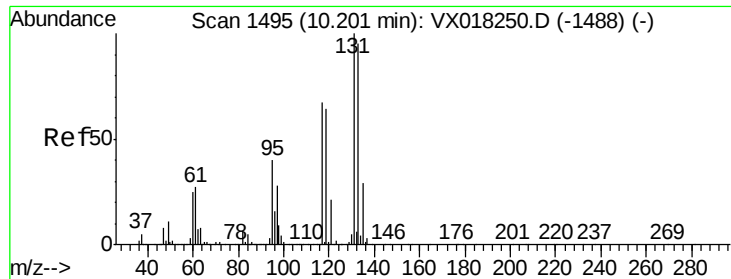
Tgt Ion: 112 Resp: 202698

Ion Ratio Lower Upper

112 100

114 33.3 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 19.973 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

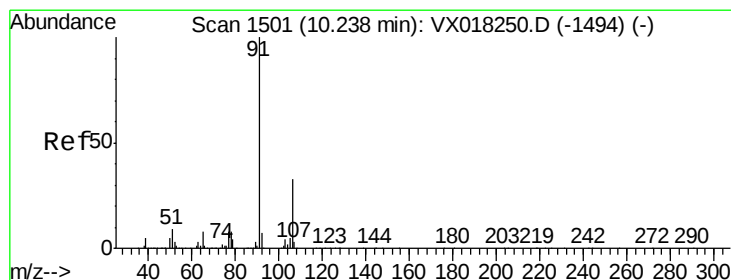
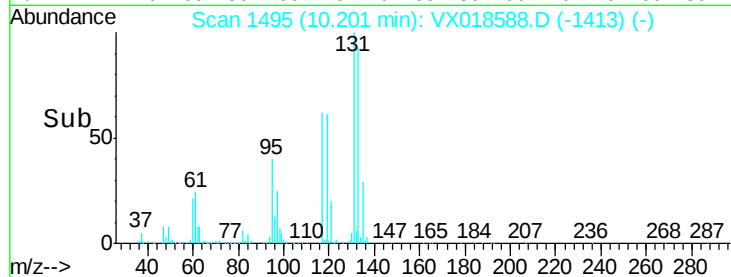
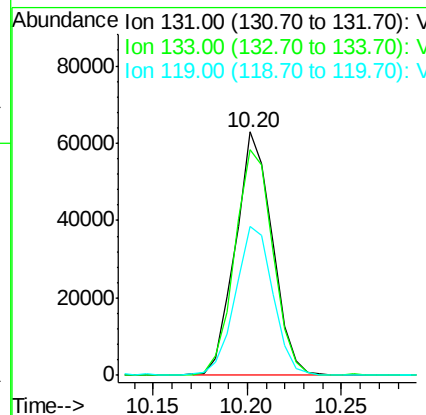
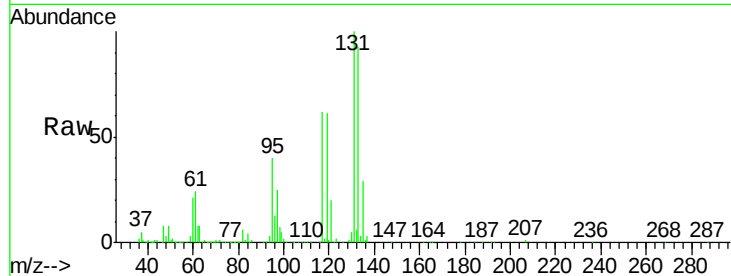
ClientSampleId :

VSTDCCC020

Tot Ion:	131	Resp:	85383
Ion	Ratio	Lower	Upper
131	100		
133	95.3	0.0	197.2
119	62.4	0.0	129.8

Manual Integrations
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#66

Ethyl Benzene

Concen: 19.163 ug/l

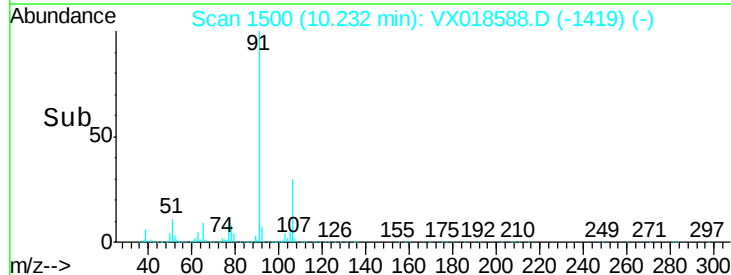
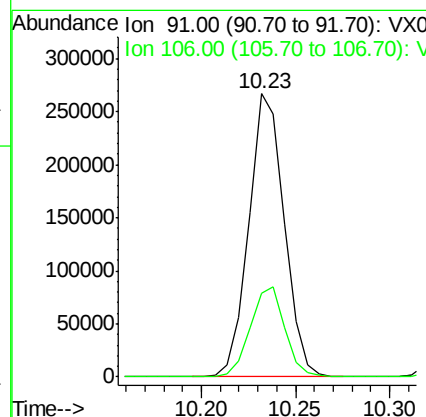
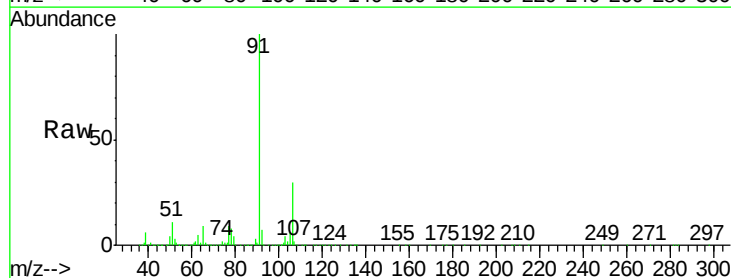
RT: 10.23 min Scan# 1500

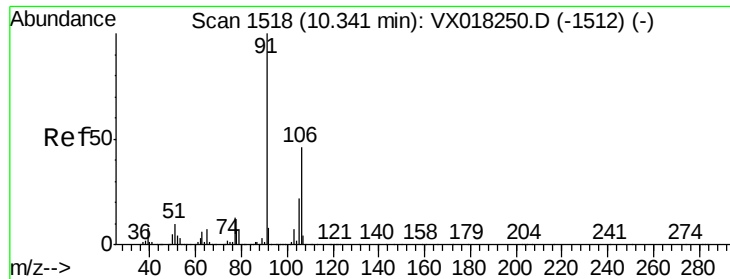
Delta R.T. -0.01 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Tgt Ion:	91	Resp:	347804
Ion	Ratio	Lower	Upper
91	100		
106	29.5	26.3	39.5





#67

m/p-Xylenes

Concen: 38.346 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:106 Resp: 266156

Ion Ratio Lower Upper

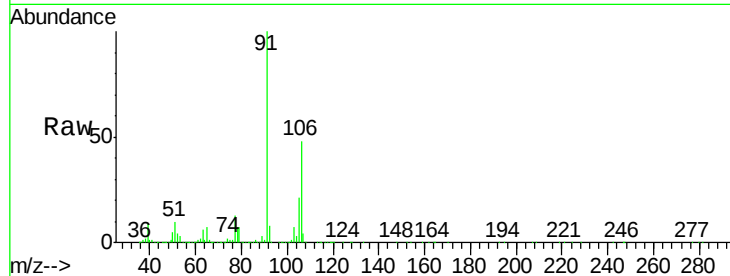
106 100

91 205.3 166.2 249.2

Manual Integrations
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

500000

400000

300000

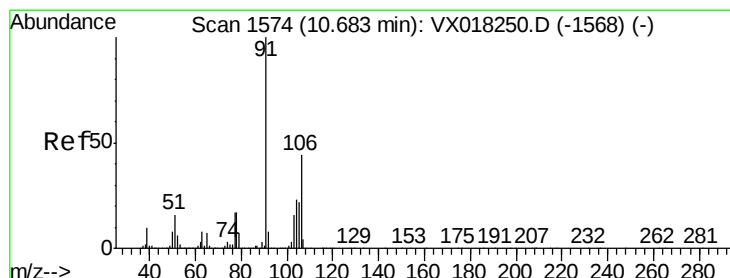
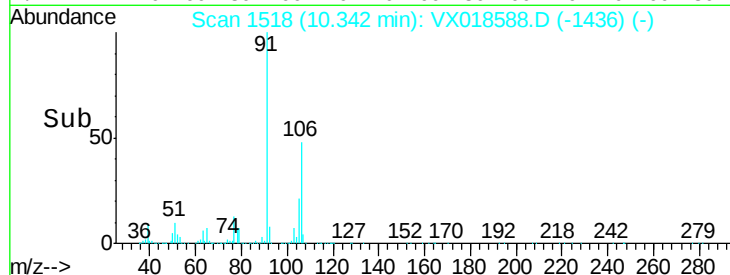
200000

100000

0

10.30 10.35 10.40

Time-->



#68

o-Xylene

Concen: 18.794 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018588.D

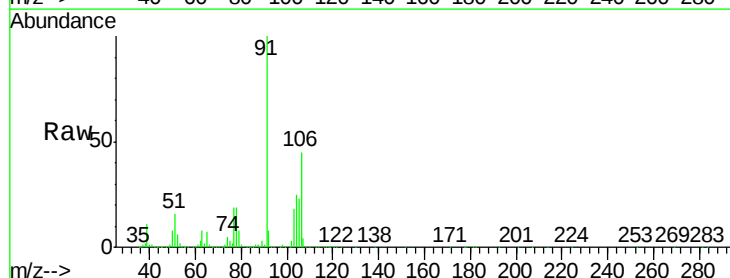
Acq: 25 Sep 2020 09:24

Tgt Ion:106 Resp: 123257

Ion Ratio Lower Upper

106 100

91 219.0 109.2 327.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

150000

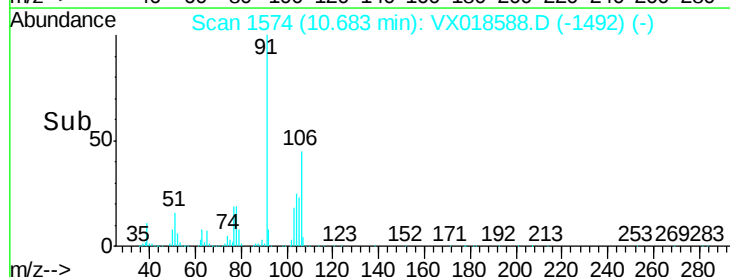
100000

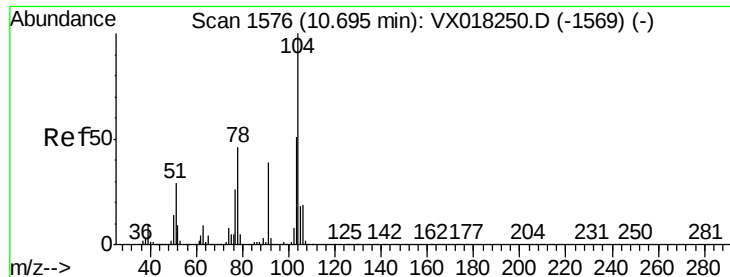
50000

0

10.60 10.70

Time-->





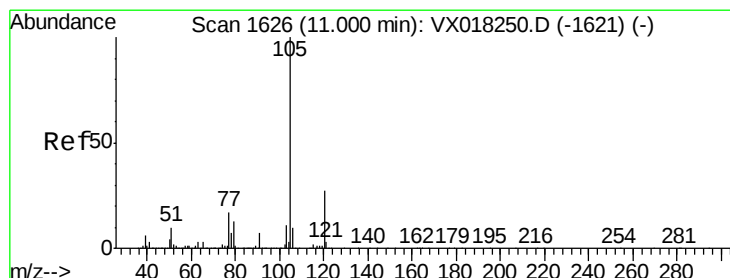
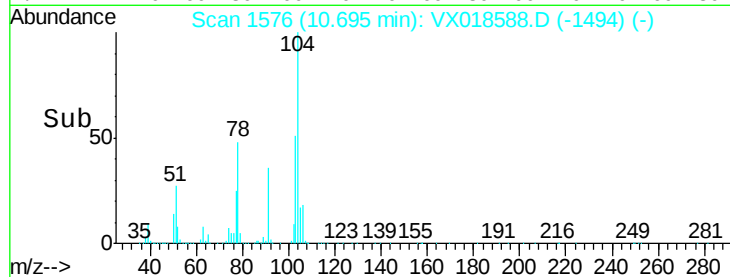
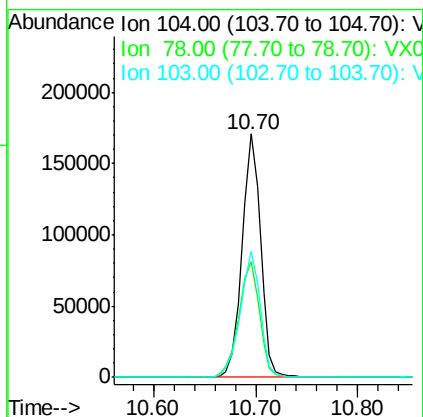
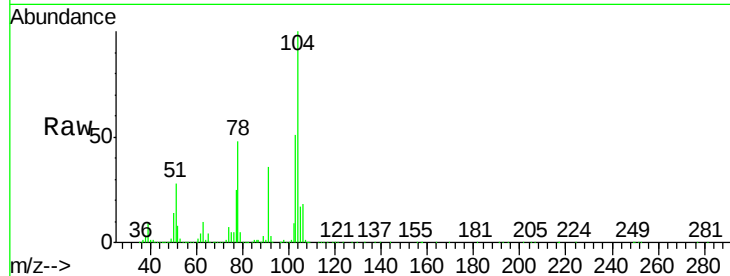
#69
Stvrene
Concen: 18.803 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:	104	Resp:	215147
Ion Ratio	Lower	Upper	
104	100		
78	52.7	41.7	62.5
103	55.1	44.2	66.2

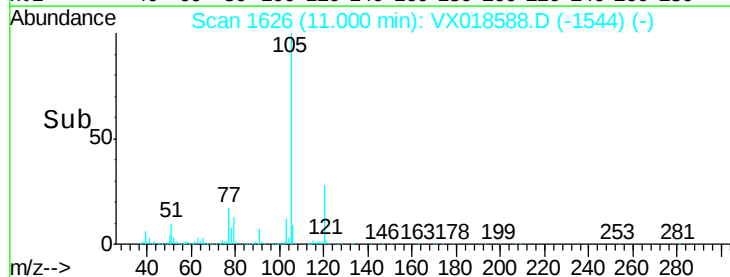
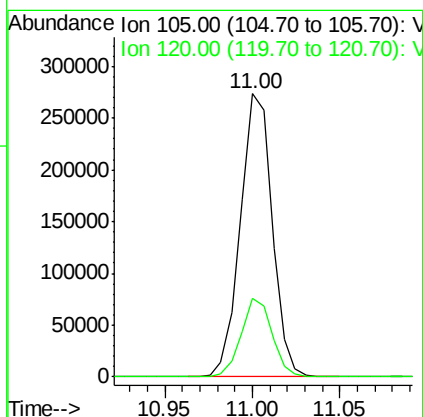
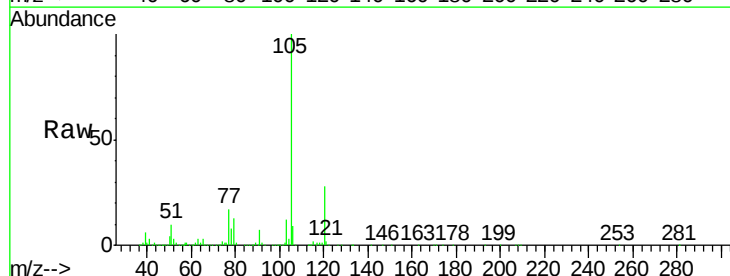
Manual Integrations
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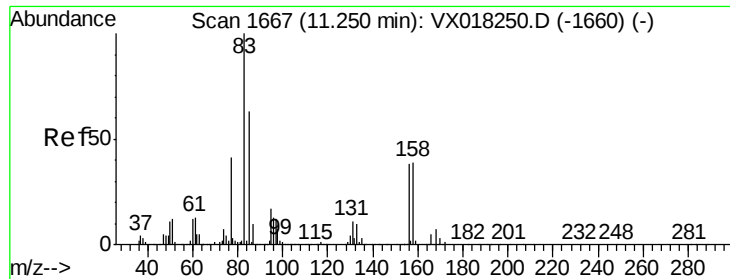
MMDadoda
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#70
Isopropylbenzene
Concen: 19.105 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

Tgt Ion:	105	Resp:	348442
Ion Ratio	Lower	Upper	
105	100		
120	26.9	18.7	34.7





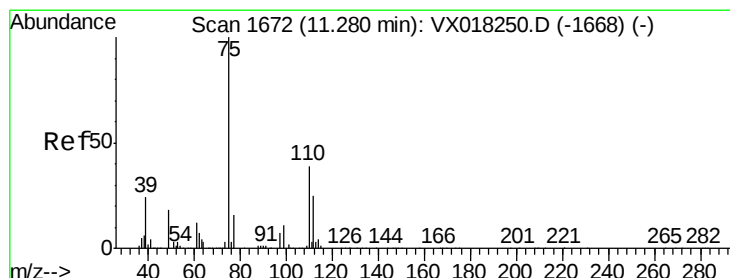
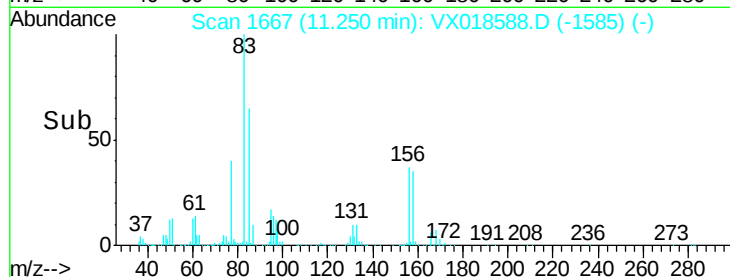
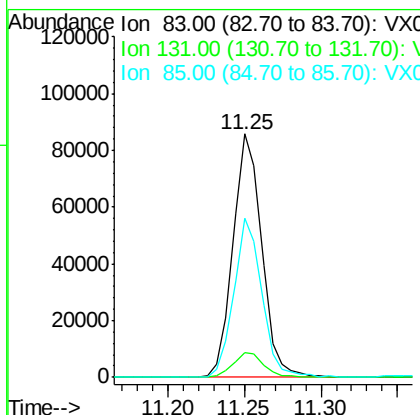
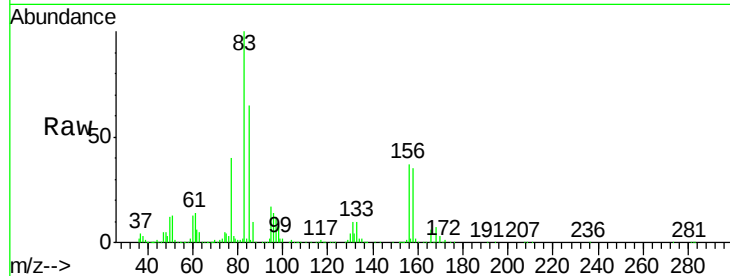
#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.792 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: VX018588.D
 Acq: 25 Sep 2020 09:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.6	5.8	17.3
85	63.7	31.3	93.9

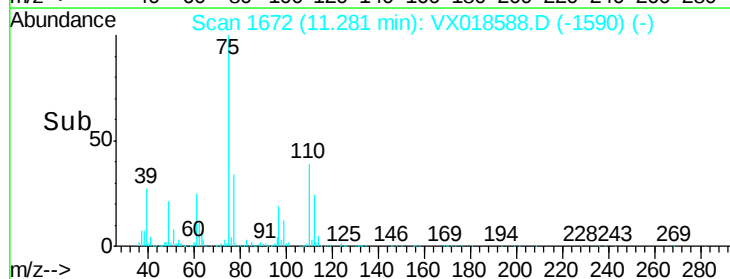
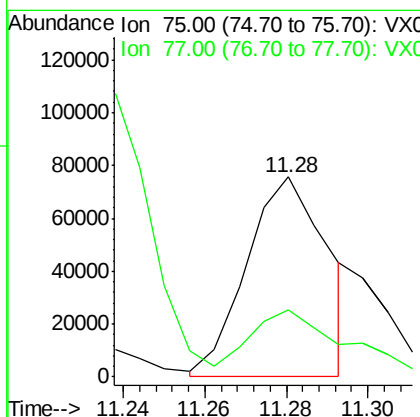
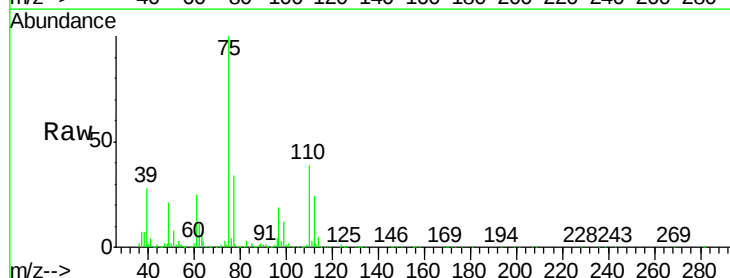
Manual Integrations
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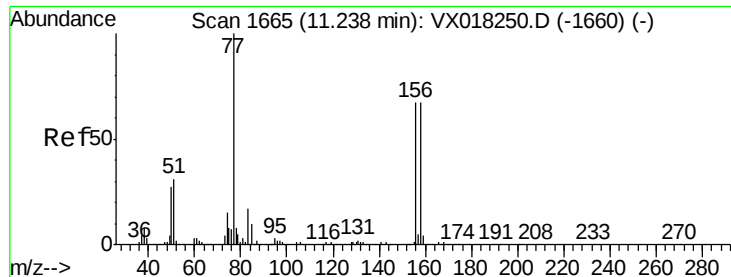
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#72
 1,2,3-Trichloropropane
 Concen: 18.209 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX018588.D
 Acq: 25 Sep 2020 09:24

Tgt Ion	Ratio	Lower	Upper
75	100		
77	37.9	0.0	74.8





#73

Bromobenzene

Concen: 18.655 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

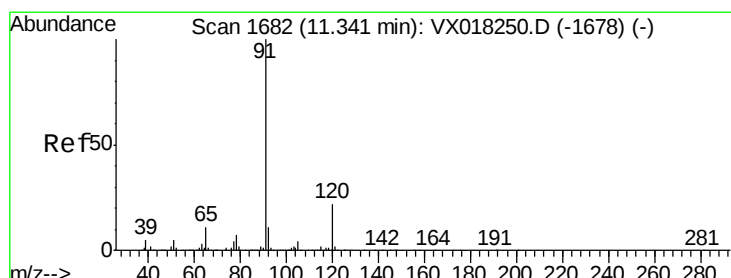
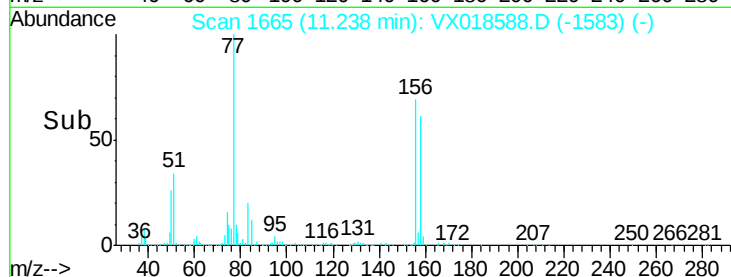
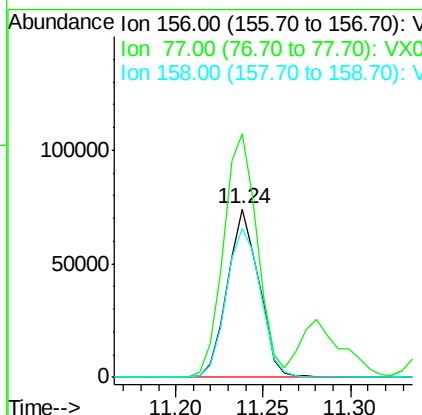
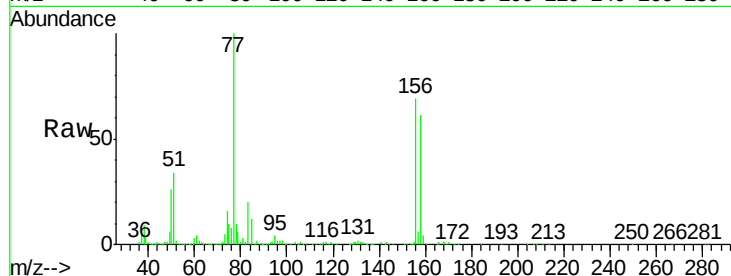
ClientSampleId :

VSTDCCC020

Tot Ion:	156	Resp:	93208
Ion Ratio	Lower	Upper	
156	100		
77	154.5	0.0	311.0
158	95.3	0.0	194.4

Manual Integrations
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#74

n-propylbenzene

Concen: 18.744 ug/l

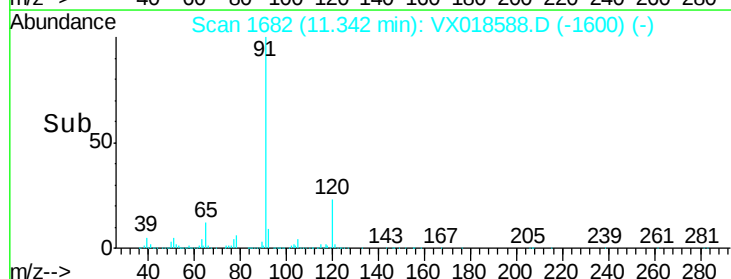
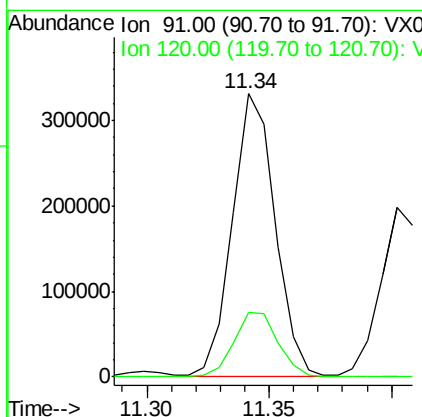
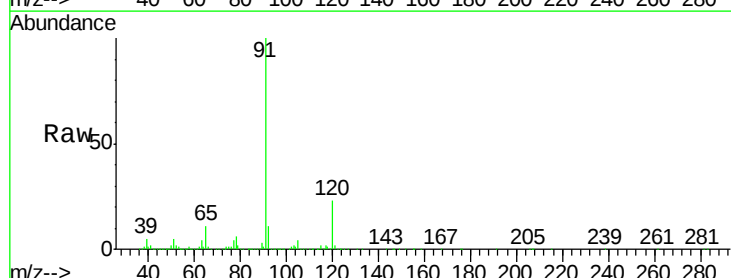
RT: 11.34 min Scan# 1682

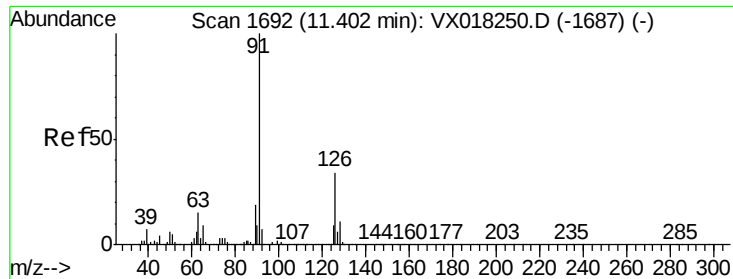
Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Tgt Ion:	91	Resp:	402534
Ion Ratio	Lower	Upper	
91	100		
120	23.5	0.0	45.4





#75

2-Chlorotoluene

Concen: 18.884 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 91 Resp: 245797

Ion Ratio Lower Upper

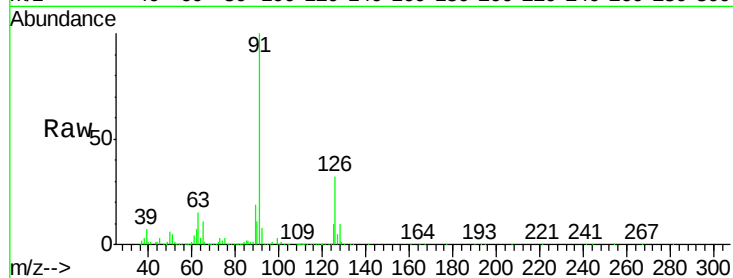
91 100

126 33.8 0.0 68.4

Manual Integrations
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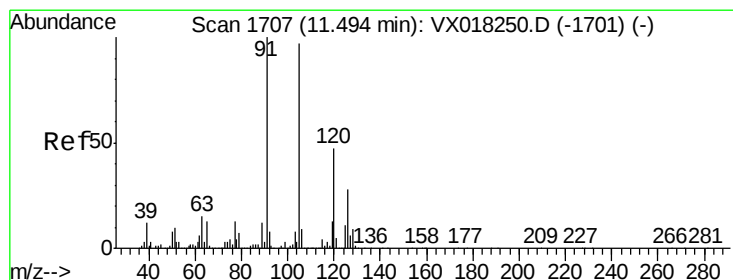
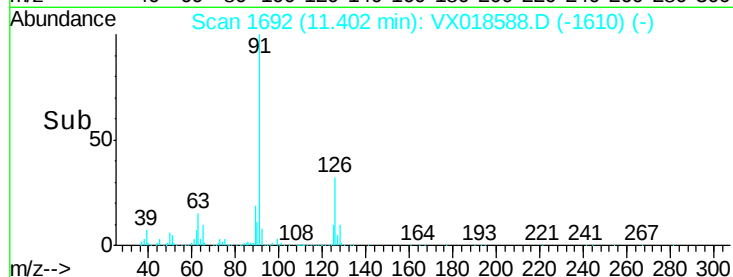
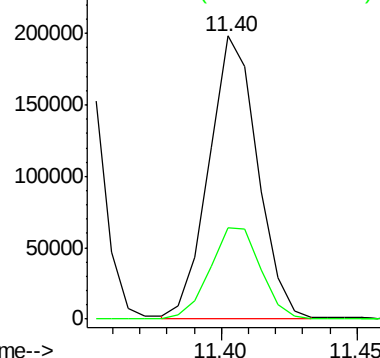
MMDadoda

9/28/2020 12:49:48 PM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 18.823 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018588.D

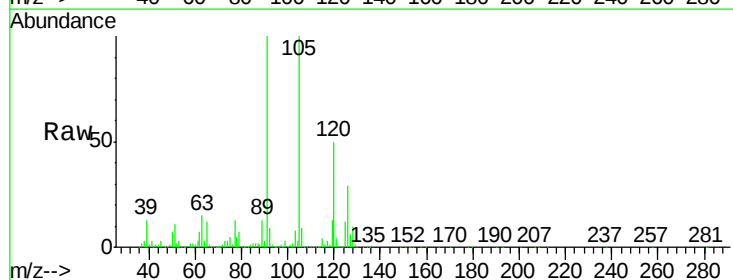
Acq: 25 Sep 2020 09:24

Tgt Ion: 105 Resp: 299072

Ion Ratio Lower Upper

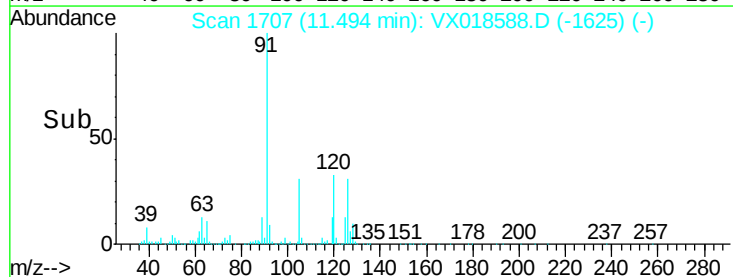
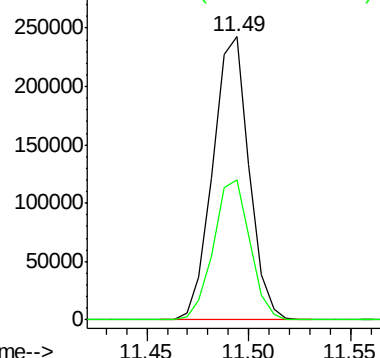
105 100

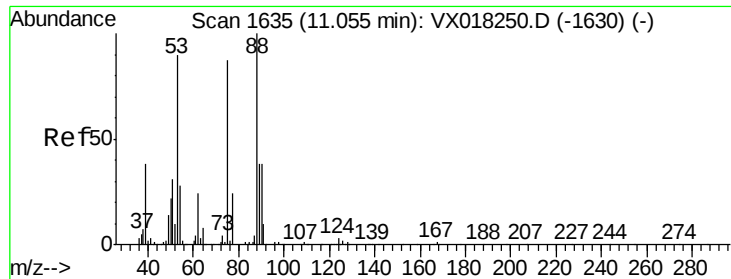
120 50.0 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 15.991 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

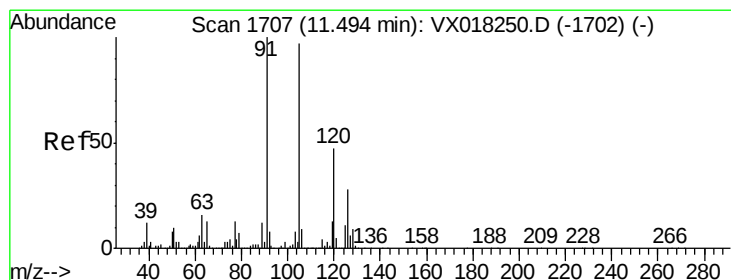
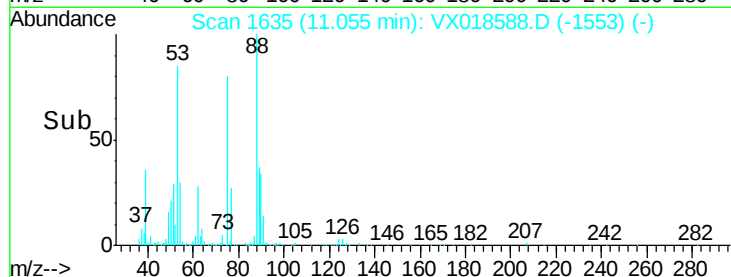
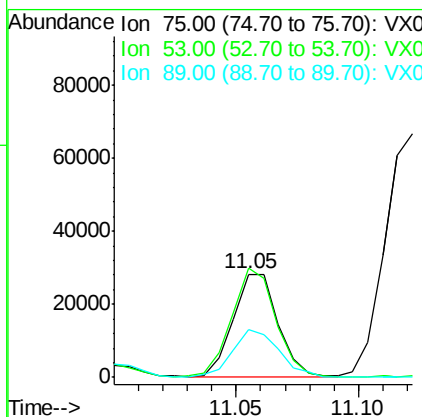
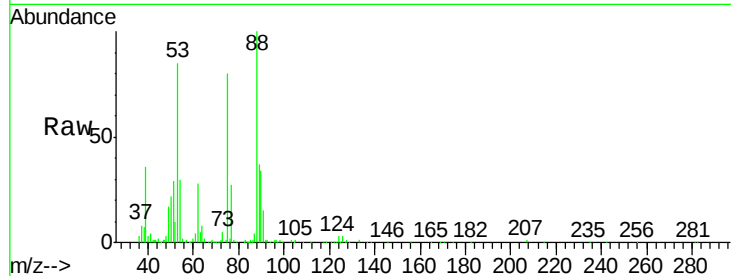
ClientSampleId :

VSTDCCC020

Tot Ion:	75	Resp:	35586
Ion	Ratio	Lower	Upper
75	100		
53	106.5	52.1	156.4
89	46.9	22.1	66.3

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#78

4-Chlorotoluene

Concen: 18.786 ug/l

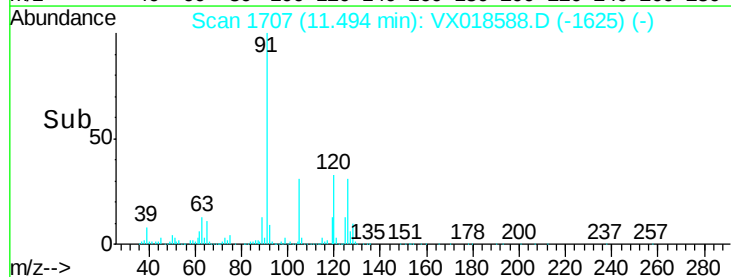
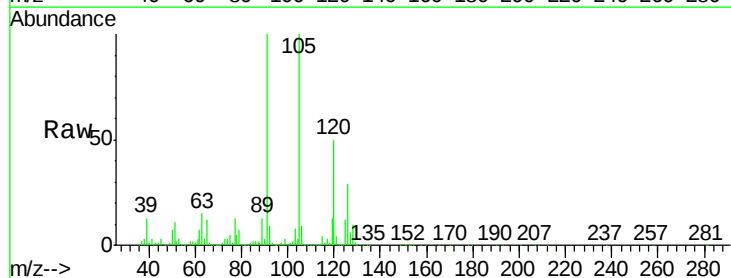
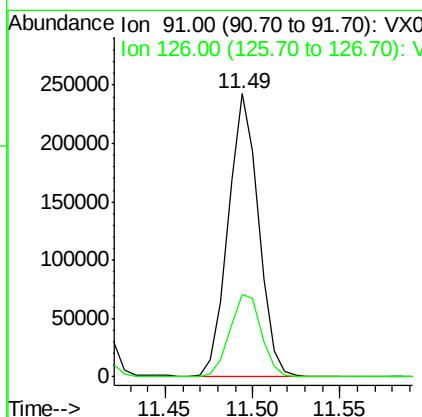
RT: 11.49 min Scan# 1707

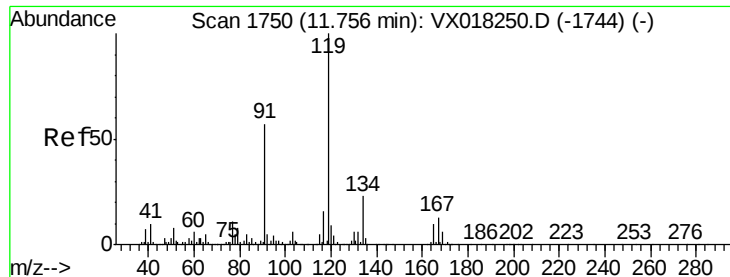
Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Tgt Ion:	91	Resp:	291700
Ion	Ratio	Lower	Upper
91	100		
126	30.7	0.0	59.2





#79

tert-butylbenzene

Concen: 18.466 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

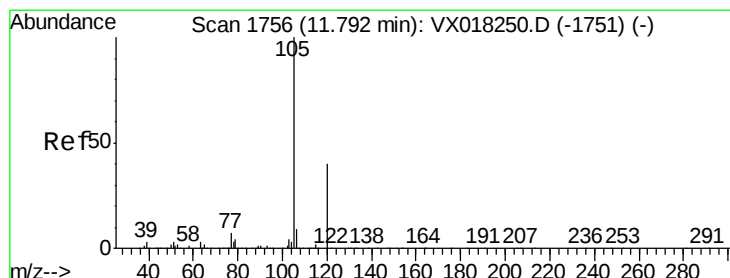
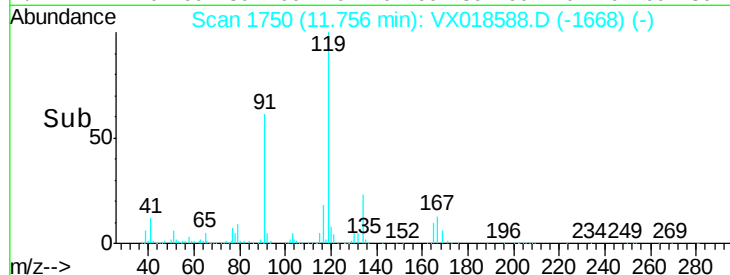
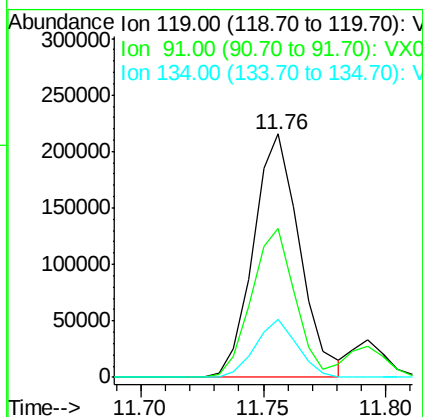
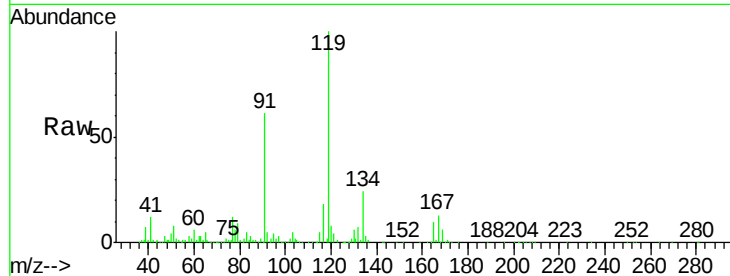
ClientSampleId :

VSTDCCC020

Tot Ion:	119	Resp:	282640
Ion Ratio	Lower	Upper	
119	100		
91	57.2	0.0	111.8
134	21.7	0.0	42.4

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#80

1,2,4-Trimethylbenzene

Concen: 19.394 ug/l

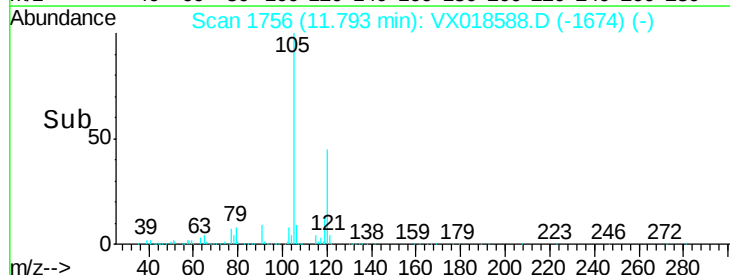
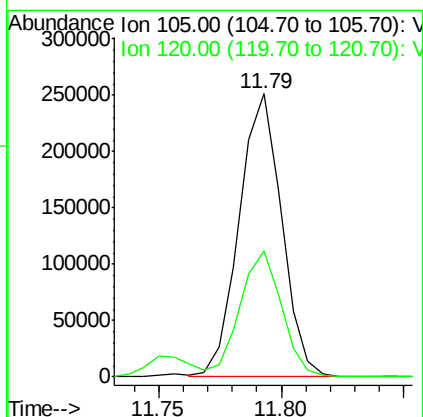
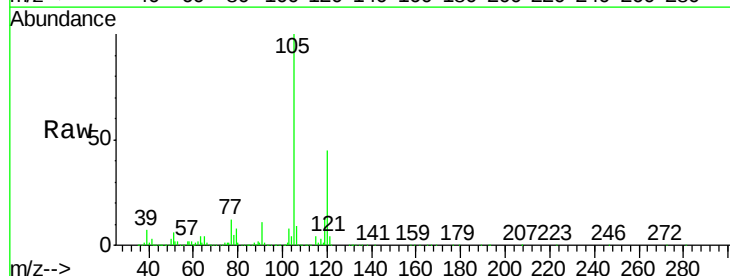
RT: 11.79 min Scan# 1756

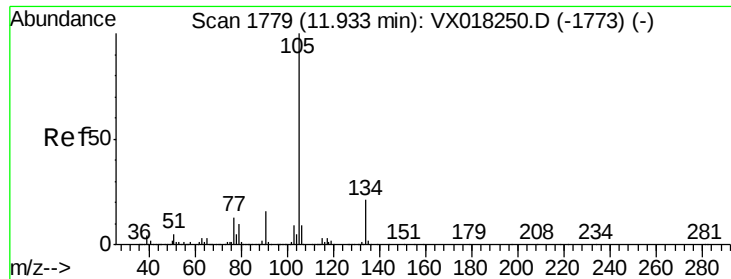
Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Tgt Ion:	105	Resp:	304762
Ion Ratio	Lower	Upper	
105	100		
120	43.7	0.0	89.2





#81

sec-Butylbenzene

Concen: 18.475 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:105 Resp: 330301

Ion Ratio Lower Upper

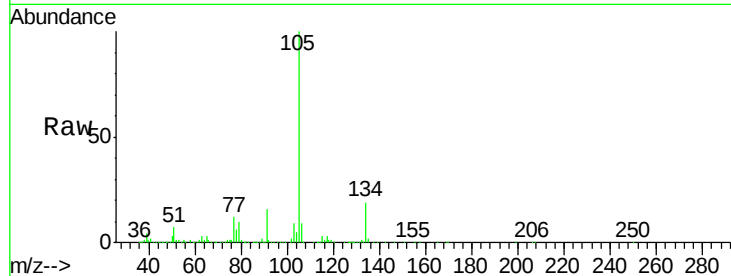
105 100

134 21.1 0.0 40.0

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

Ion 134.00 (133.70 to 134.70): V

11.93

250000

200000

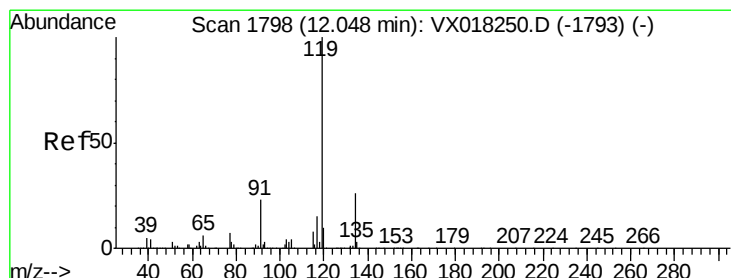
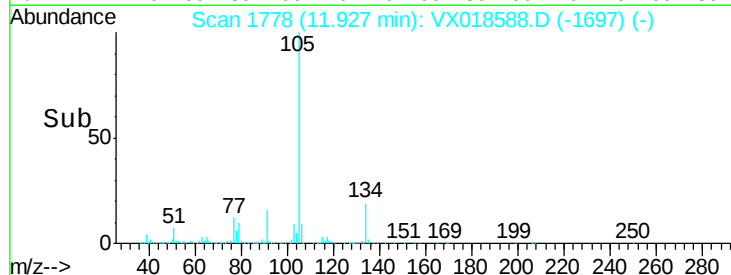
150000

100000

50000

0

Time-->



#82

p-Isopropyltoluene

Concen: 18.476 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

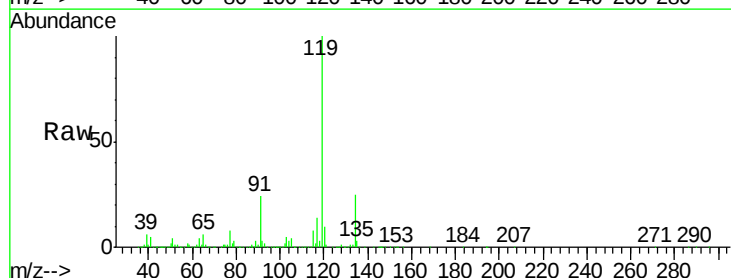
Tgt Ion:119 Resp: 307972

Ion Ratio Lower Upper

119 100

134 26.7 0.0 53.0

91 25.5 0.0 49.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.05

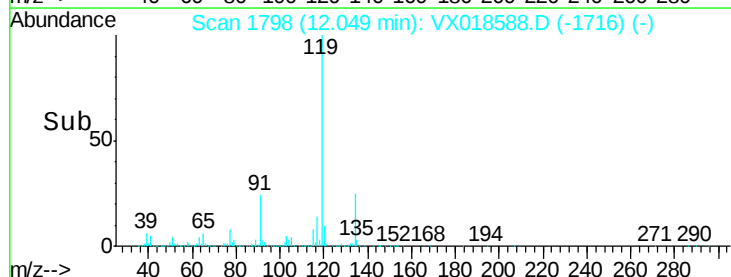
300000

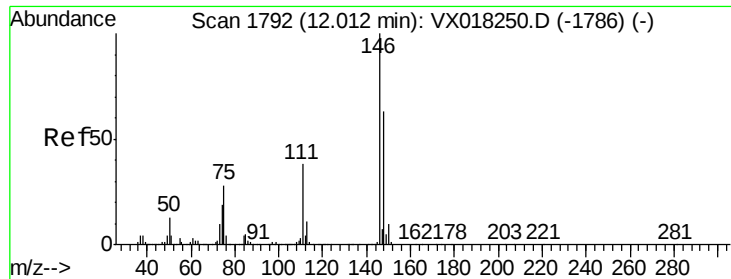
200000

100000

0

Time-->





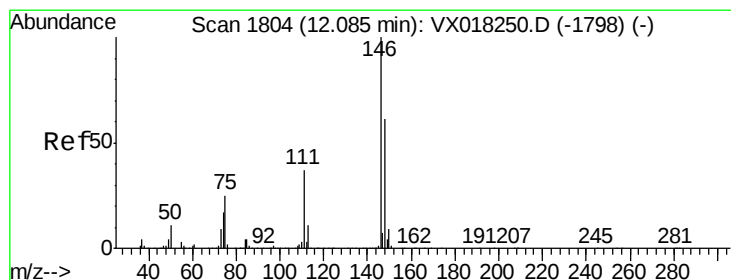
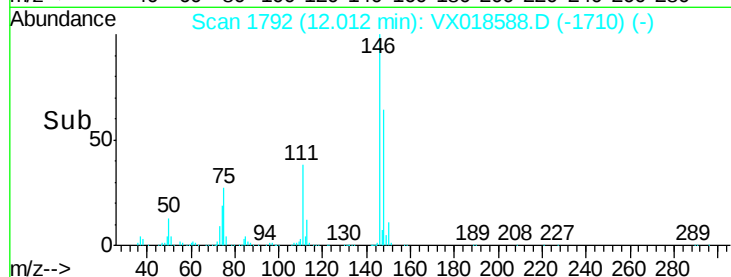
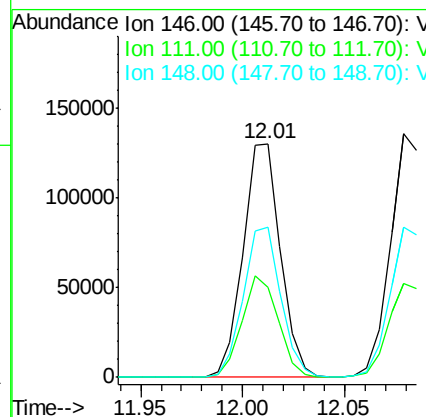
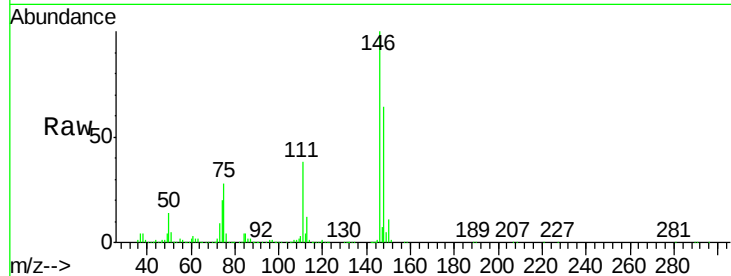
#83
 1,3-Dichlorobenzene
 Concen: 18.637 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX018588.D
 Acq: 25 Sep 2020 09:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.0	59.9
148	64.4	32.1	96.3

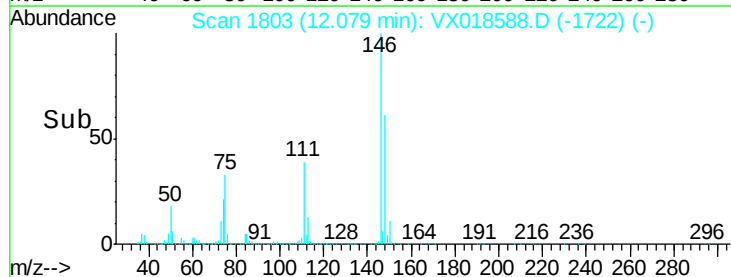
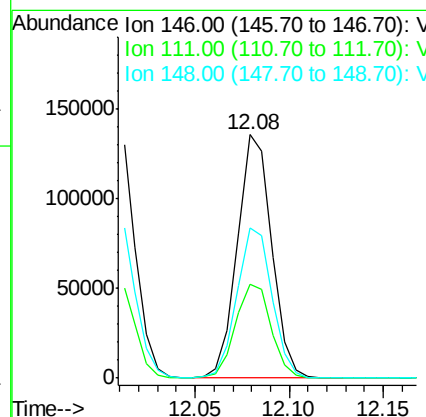
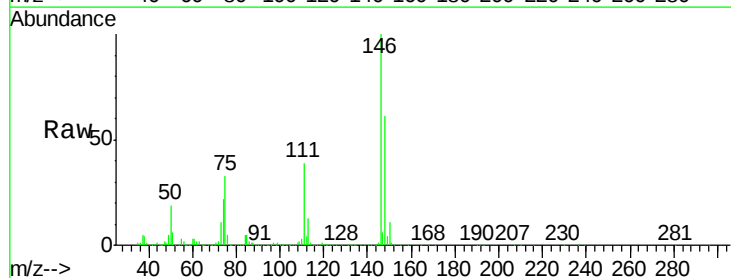
Manual Integrations
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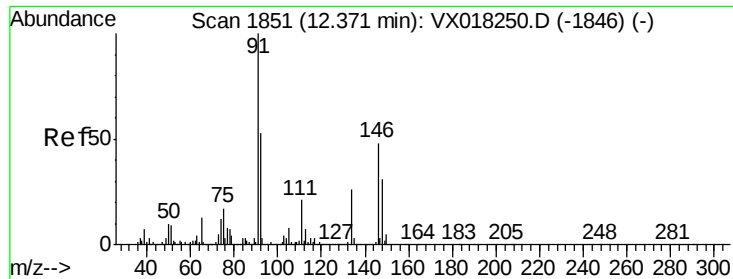
MMDadoda
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#84
 1,4-Dichlorobenzene
 Concen: 19.251 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX018588.D
 Acq: 25 Sep 2020 09:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.3	19.3	57.8
148	63.0	31.7	95.1





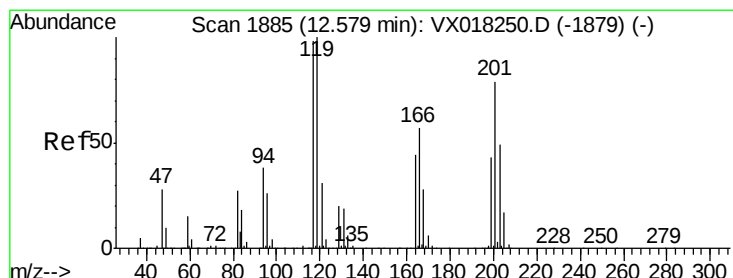
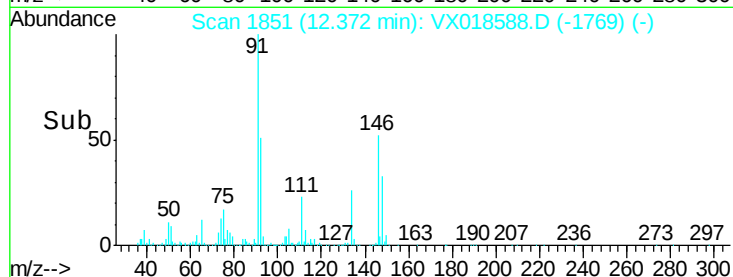
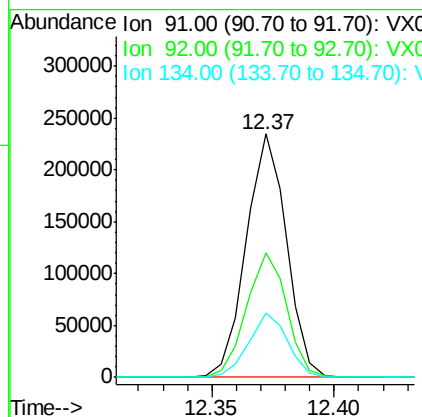
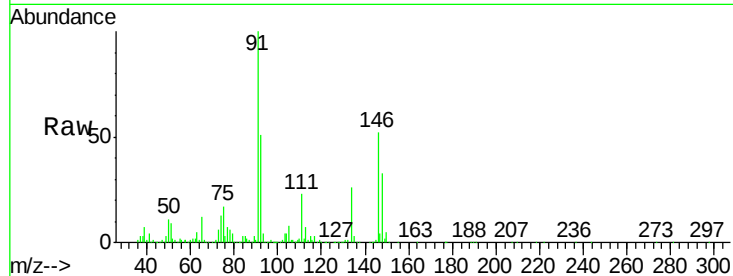
#85
n-Butylbenzene
Concen: 18.333 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.3	0.0	105.0
134	25.7	0.0	51.0

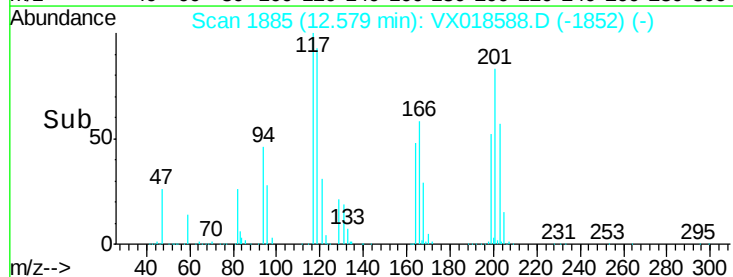
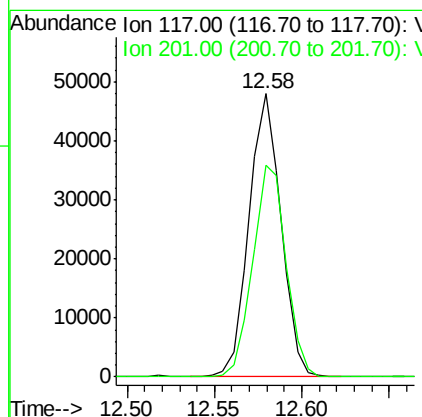
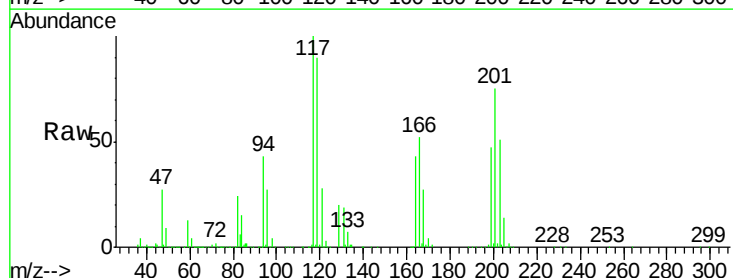
Manual Integrations
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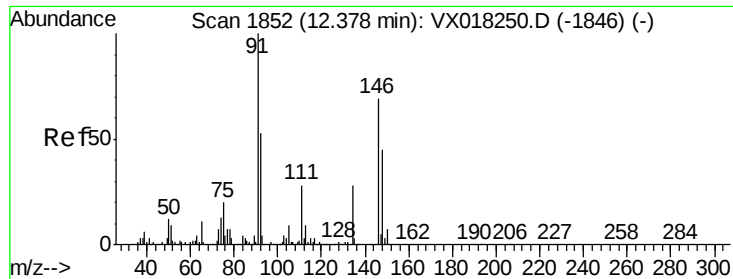
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#86
Hexachloroethane
Concen: 18.490 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.2	39.6	118.8





#87

1,2-Dichlorobenzene

Concen: 19.853 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Instrument :

MSVOA_X

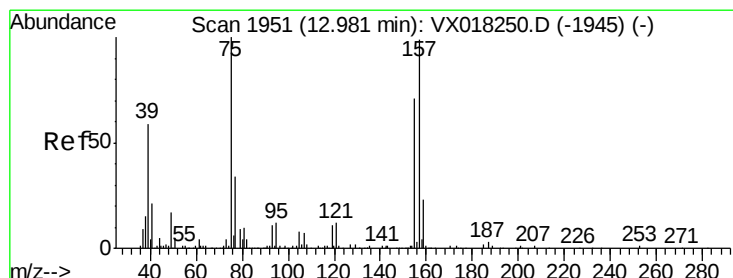
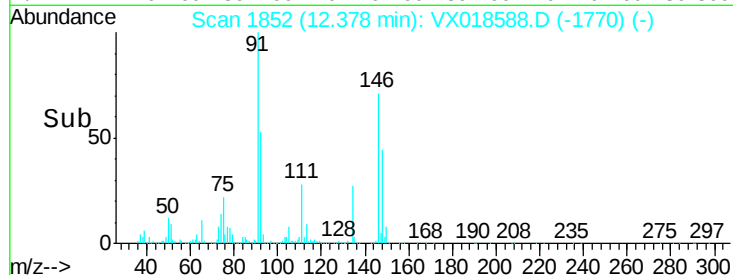
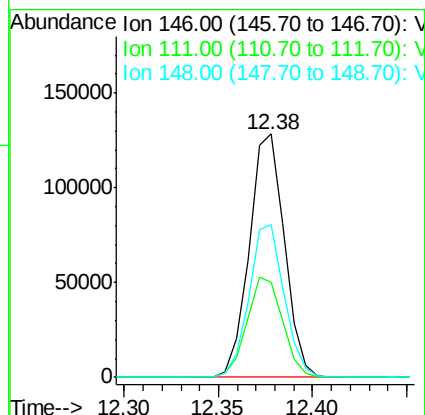
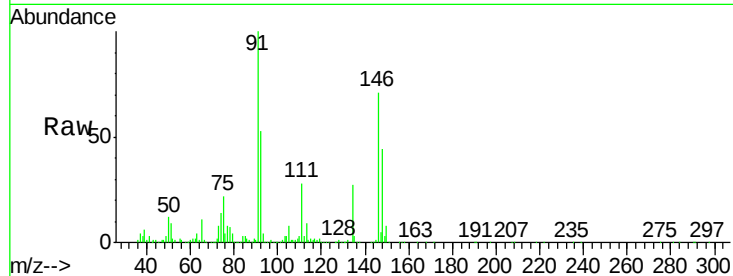
ClientSampleId :

VSTDCCC020

Tot Ion:	146	Resp:	166080
Ion Ratio	Lower	Upper	
146	100		
111	41.8	21.4	64.3
148	62.6	32.0	96.2

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#88

1,2-Dibromo-3-Chloropropane

Concen: 15.946 ug/l

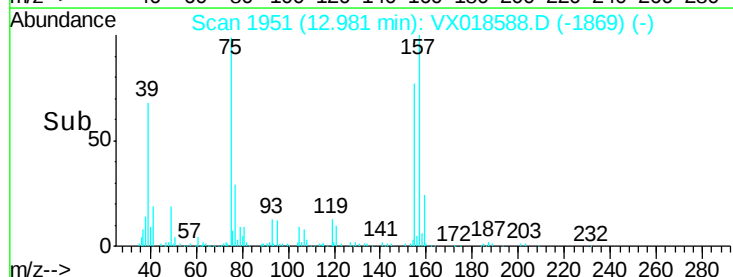
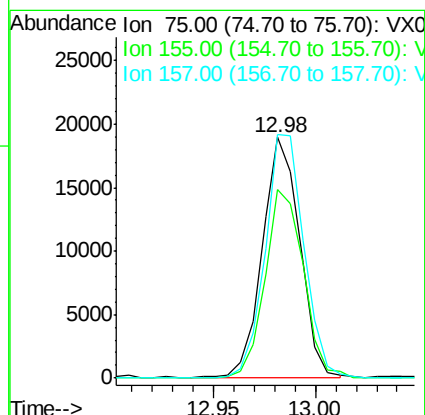
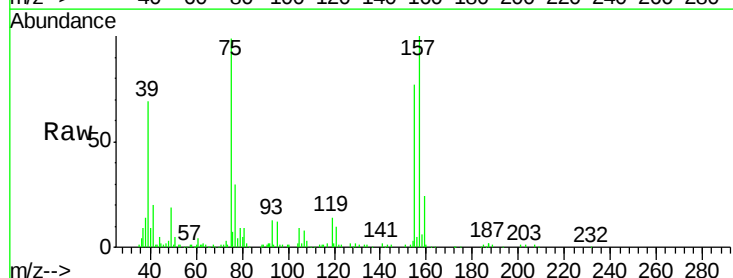
RT: 12.98 min Scan# 1951

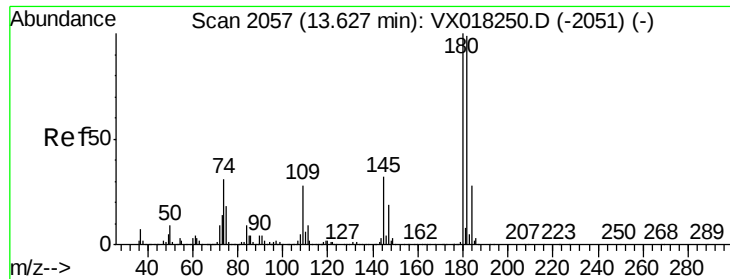
Delta R.T. 0.00 min

Lab File: VX018588.D

Acq: 25 Sep 2020 09:24

Tgt Ion:	75	Resp:	24313
Ion Ratio	Lower	Upper	
75	100		
155	80.1	63.4	95.2
157	104.9	87.0	130.6





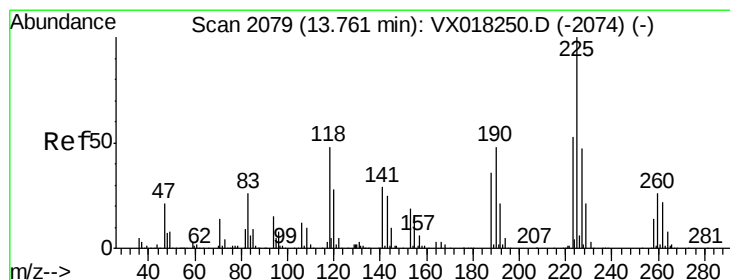
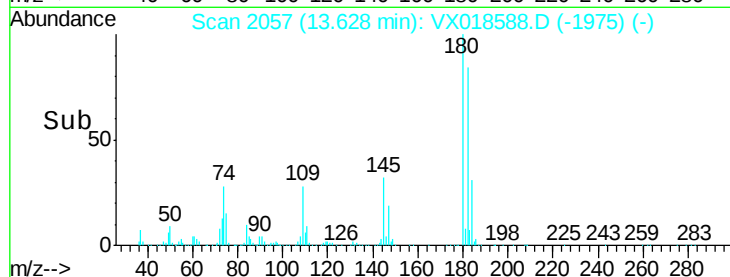
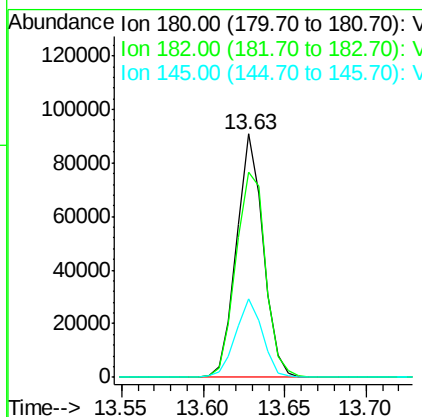
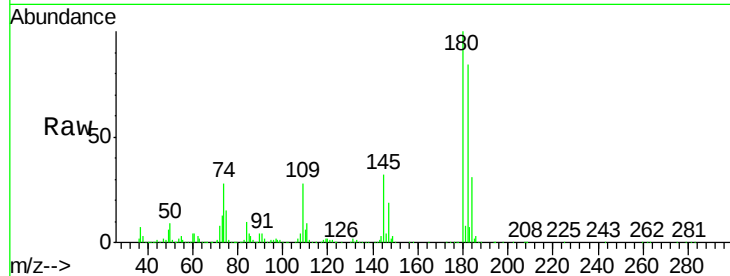
#89
 1,2,4-Trichlorobenzene
 Concen: 18.282 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018588.D
 Acq: 25 Sep 2020 09:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion:	180	Resp:	103472
Ion Ratio	Lower	Upper	
180	100		
182	94.0	77.1	115.7
145	32.6	25.0	37.6

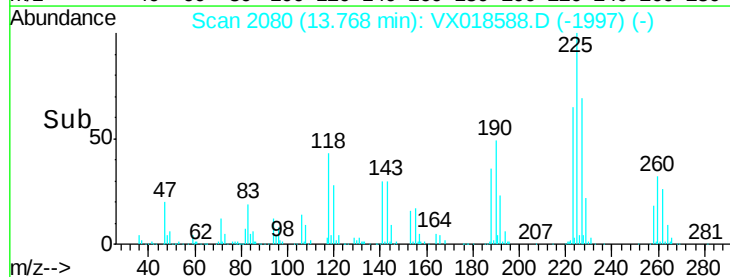
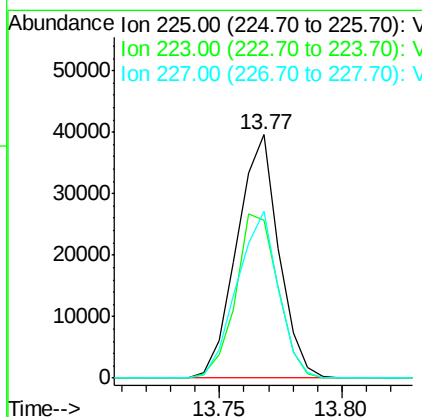
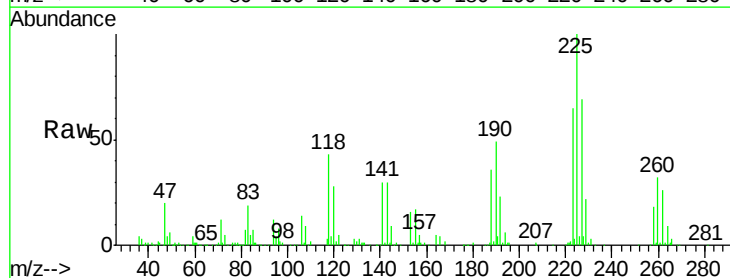
Manual Integrations
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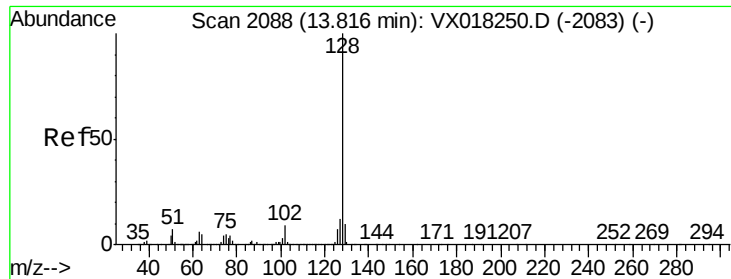
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#90
 Hexachlorobutadiene
 Concen: 19.783 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018588.D
 Acq: 25 Sep 2020 09:24

Tgt Ion:	225	Resp:	47361
Ion Ratio	Lower	Upper	
225	100		
223	68.1	0.0	115.8
227	67.8	0.0	117.0





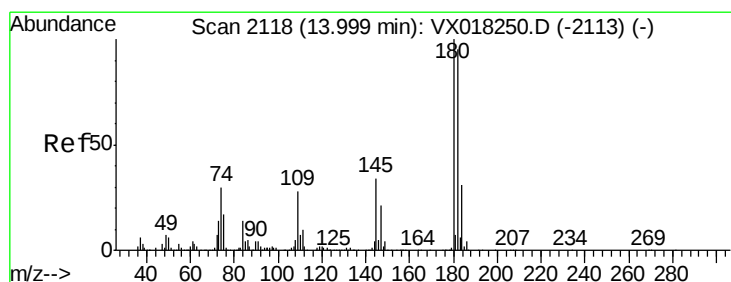
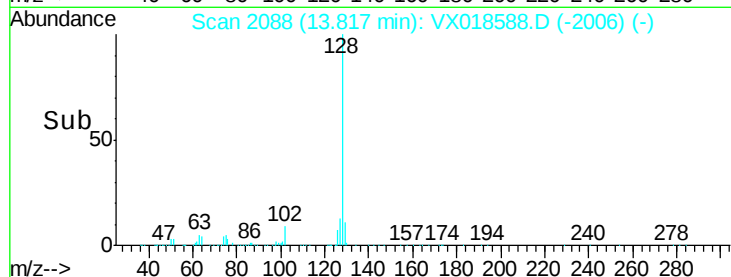
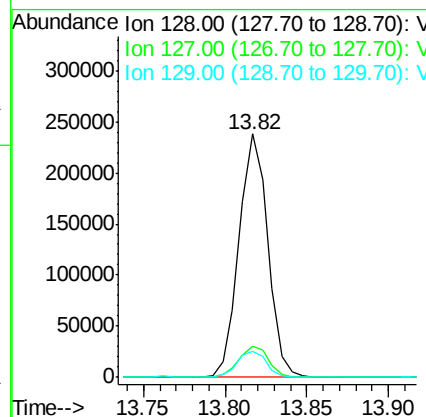
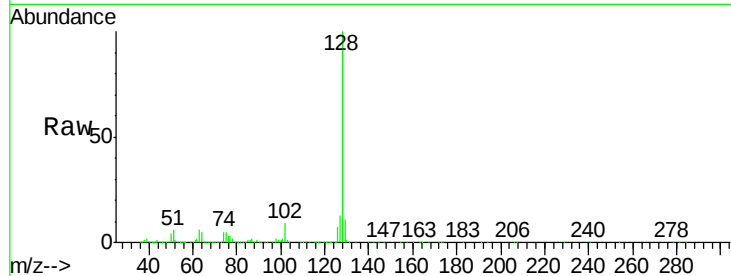
#91
Naphthalene
Concen: 16.607 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	11.0	8.7	13.1

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 17.969 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX018588.D
Acq: 25 Sep 2020 09:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	0.0	191.6
145	34.0	0.0	67.4

