

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062520\
 Data File : VX016959.D
 Acq On : 25 Jun 2020 17:21
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 6/26/2020 3:34:28 PM

Quant Time: Jun 26 09:28:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.99	128	38720	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	212591	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	190179	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	87315	28.97	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.57%
60) 4-Bromofluorobenzene	11.12	95	93098	29.35	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.83%
63) Toluene-d8	8.70	98	258102	30.79	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	102.63%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	32994	17.523	ug/l 98
3) Chloromethane	1.32	50	46108	18.058	ug/l 97
4) Vinyl Chloride	1.39	62	49050	18.837	ug/l 95
5) Bromomethane	1.64	94	41289	22.022	ug/l 98
6) Chloroethane	1.71	64	30130	17.941	ug/l 99
7) Trichlorofluoromethane	1.92	101	79396	18.749	ug/l 93
8) Diethyl Ether	2.17	74	28303	18.368	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	42109	18.736	ug/l 97
10) 1,1-Dichloroethene	2.35	96	42318	19.091	ug/l 92
11) Methyl Iodide	2.50	142	39418	13.318	ug/l 99
12) Methyl Acetate	2.75	43	53121	18.999	ug/l 98
13) Acrolein	2.28	56	16187	36.689	ug/l 96
14) Acrylonitrile	3.12	53	121353	91.637	ug/l 99
15) Acetone	2.42	58	32433	94.637	ug/l 97
16) Carbon Disulfide	2.55	76	128433	18.431	ug/l 100
17) Allyl chloride	2.71	41	77422	18.658	ug/l 96
18) Methylene Chloride	2.84	84	48897	18.315	ug/l 97
19) trans-1,2-Dichloroethene	3.14	96	45107	17.960	ug/l 97
20) Diisopropyl ether	3.82	45	153983	18.568	ug/l 96
21) 1,1-Dichloroethane	3.67	63	84991	18.587	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	52075	18.623	ug/l 97
23) tert-Butyl Alcohol	3.01	59	49034	83.588	ug/l 100
24) Methyl tert-Butyl Ether	3.17	73	147540	18.641	ug/l 100
25) Chloroform	5.18	83	85703	18.486	ug/l 98
26) Cyclohexane	5.55	56	72525	18.182	ug/l # 100
29) 1,1-Dichloropropene	5.78	75	63389	18.304	ug/l 99
30) 2-Butanone	4.64	43	166296	92.123	ug/l 100
31) 2,2-Dichloropropane	4.56	77	71722	18.058	ug/l 100
32) 1,1,1-Trichloroethane	5.47	97	77357	18.460	ug/l 99
33) Carbon Tetrachloride	5.75	117	67450	18.150	ug/l 92
34) Benzene	6.12	78	188208	18.664	ug/l 98
35) Methacrylonitrile	5.01	41	36542	18.342	ug/l 95
36) 1,2-Dichloroethane	6.17	62	69075	17.886	ug/l 100
37) Trichloroethene	7.19	130	49858	18.120	ug/l 94
38) Methylcyclohexane	7.44	83	72603	18.409	ug/l 99
39) 1,2-Dichloropropane	7.49	63	49285	18.760	ug/l 99
40) Dibromomethane	7.64	93	34717	19.174	ug/l 95

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Manual Integrations
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Quant Time: Jun 26 09:28:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X062520W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jun 26 09:03:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	69650	18.577	ug/l	99
42) Vinyl Acetate	3.79	43	680783	93.586	ug/l	100
43) Ethyl Acetate	4.80	43	70073	18.740	ug/l	99
44) Isopropyl Acetate	6.42	43	113685	18.445	ug/l	99
45) 1,4-Dioxane	7.71	88	18323	294.685	ug/l	94
46) Methyl methacrylate	7.74	41	54314	19.043	ug/l	92
47) n-amyl Acetate	10.88	43	98070	18.002	ug/l	97
48) t-1,3-Dichloropropene	9.02	75	75395	18.187	ug/l	95
49) cis-1,3-Dichloropropene	8.41	75	81190	18.635	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	46317	18.329	ug/l	96
51) Ethyl methacrylate	9.16	69	71083	18.330	ug/l	99
52) 1,3-Dichloropropane	9.35	76	81866	18.870	ug/l	98
53) Dibromochloromethane	9.57	129	53239	18.330	ug/l	99
54) 1,2-Dibromoethane	9.65	107	49686	18.530	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	205479	100.687	ug/l	100
56) Bromoform	10.84	173	35776	17.352	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	339068	96.790	ug/l	99
59) 2-Hexanone	9.47	43	249424	95.402	ug/l	99
61) Tetrachloroethene	9.32	164	40891	16.860	ug/l	92
62) Toluene	8.76	91	201097	19.333	ug/l	100
64) Chlorobenzene	10.12	112	122705	18.829	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.20	131	46555	18.977	ug/l	97
66) Ethyl Benzene	10.24	91	219470	19.026	ug/l	99
67) m/p-Xylenes	10.34	106	164782	37.868	ug/l	99
68) o-Xylene	10.68	106	79807	19.093	ug/l	97
69) Styrene	10.69	104	132599	18.527	ug/l	98
70) Isopropylbenzene	11.00	105	210306	18.550	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	70303	20.192	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	65406m	19.561	ug/l	
73) Bromobenzene	11.24	156	51739	18.083	ug/l	96
74) n-propylbenzene	11.34	91	247546	18.390	ug/l	99
75) 2-Chlorotoluene	11.40	91	147745	18.822	ug/l	98
76) 1,3,5-Trimethylbenzene	11.49	105	176872	18.586	ug/l	99
77) t-1,4-Dichloro-2-butene	11.06	75	24482	18.067	ug/l	98
78) 4-Chlorotoluene	11.49	91	171898	18.496	ug/l	99
79) tert-butylbenzene	11.76	119	170795	18.735	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	178510	18.685	ug/l	99
81) sec-Butylbenzene	11.93	105	200731	18.186	ug/l	98
82) p-Isopropyltoluene	12.05	119	180331	18.095	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	95599	18.645	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	97209	18.869	ug/l	100
85) n-Butylbenzene	12.37	91	161857	17.546	ug/l	98
86) Hexachloroethane	12.58	117	36318	18.622	ug/l	96
87) 1,2-Dichlorobenzene	12.38	146	92708	19.317	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	15754	19.887	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	58092	17.941	ug/l	100
90) Hexachlorobutadiene	13.76	225	20253	16.443	ug/l	97
91) Naphthalene	13.82	128	199013	18.751	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	57994	18.353	ug/l	98

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ClientSampleId :
VSTDCCC020EC

Manual Integrations
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 09:03:25 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

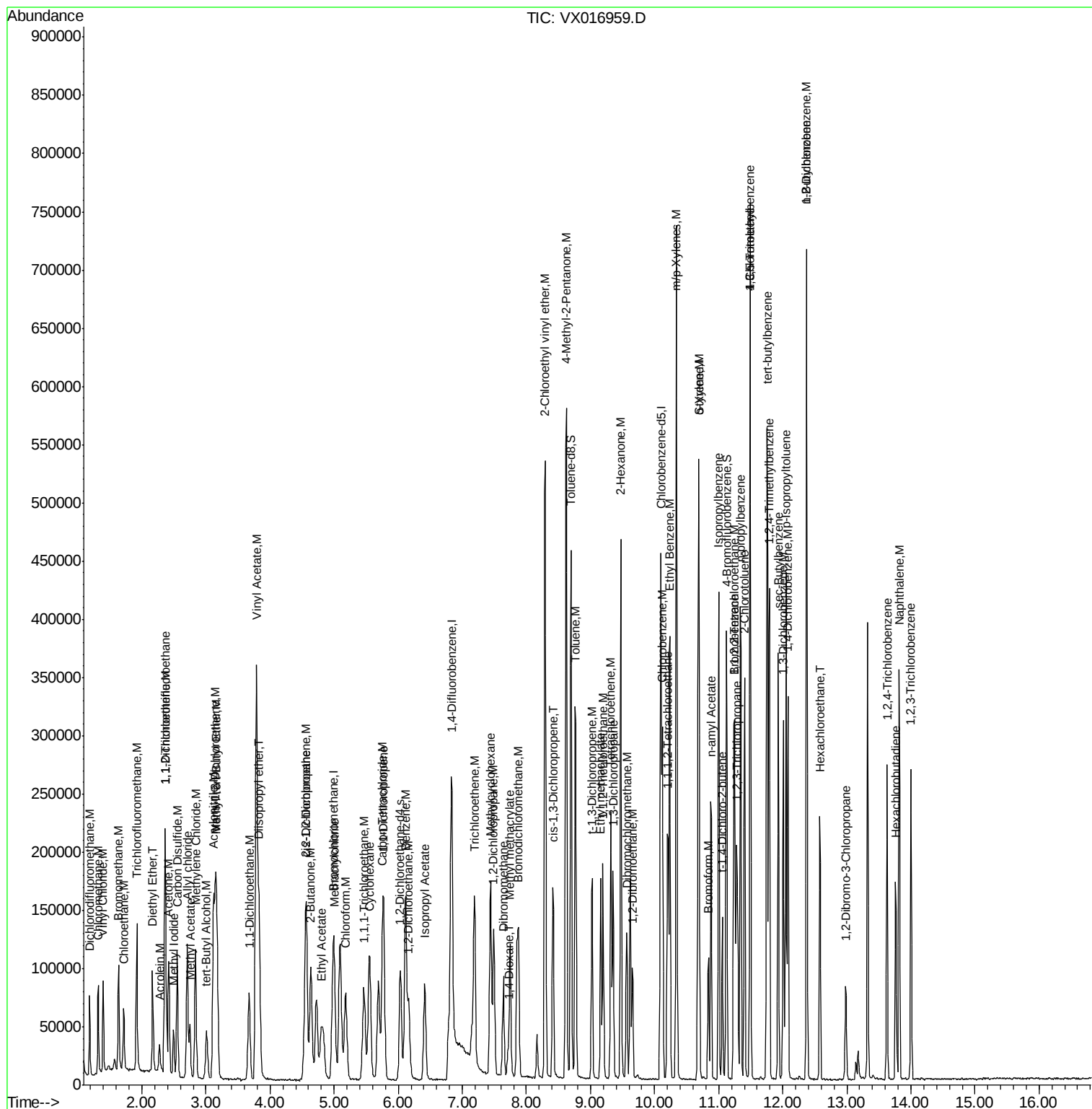
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062520\
 Data File : VX016959.D
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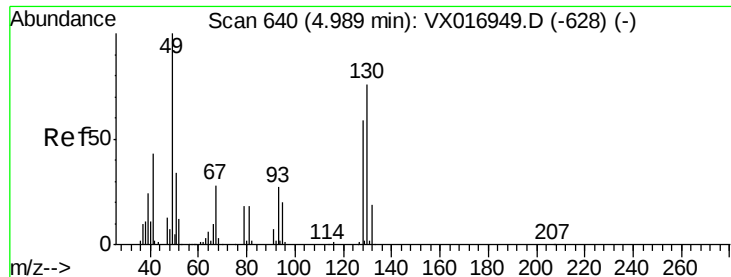
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
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Quant Time: Jun 26 09:28:53 2020
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.99 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

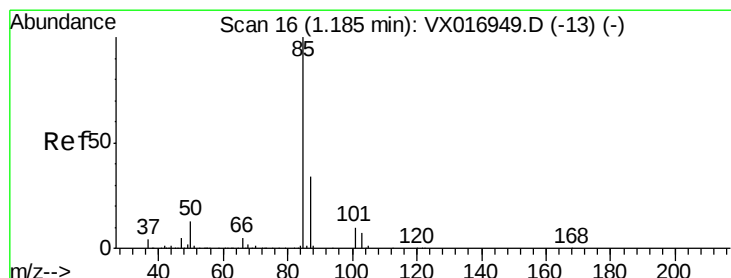
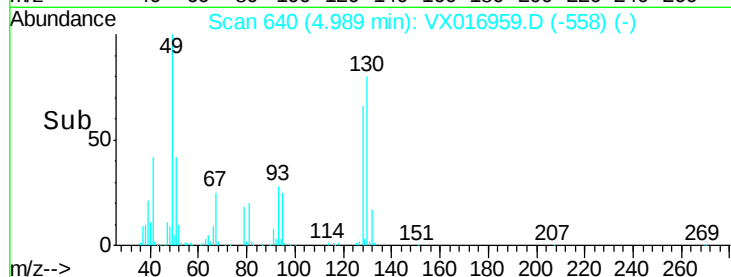
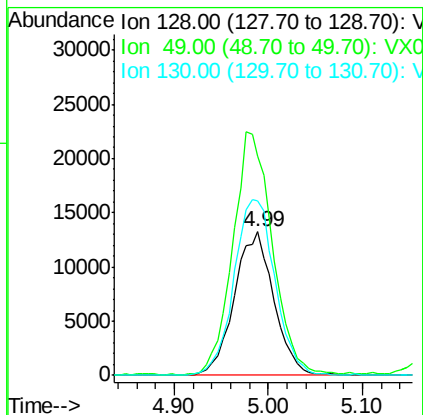
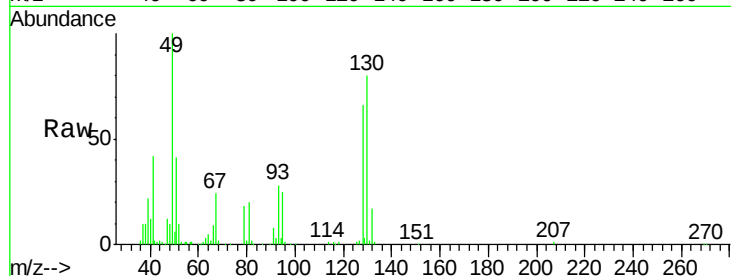
ClientSampleId :

VSTDCCC020EC

Tot Ion:	128	Resp:	38720
Ion	Ratio	Lower	Upper
128	100		
49	168.9	0.0	428.0
130	127.5	0.0	318.0

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 17.523 ug/l

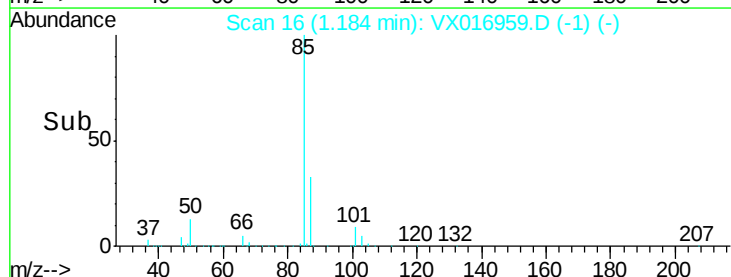
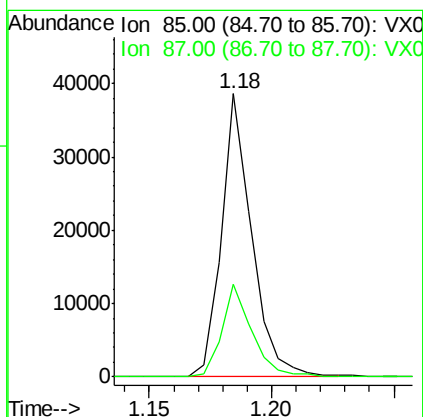
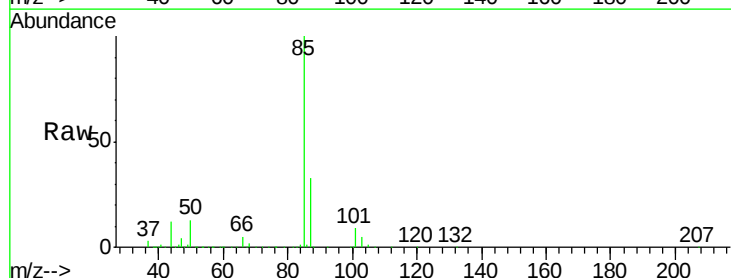
RT: 1.18 min Scan# 16

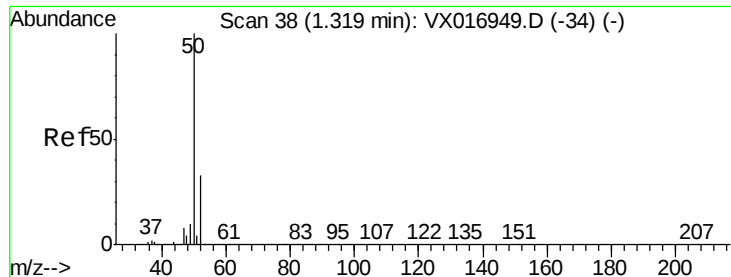
Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Tgt Ion:	85	Resp:	32994
Ion	Ratio	Lower	Upper
85	100		
87	32.9	16.9	50.7





#3

Chloromethane

Concen: 18.058 ug/l

RT: 1.32 min Scan# 38

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 50 Resp: 46108

Ion Ratio Lower Upper

50 100

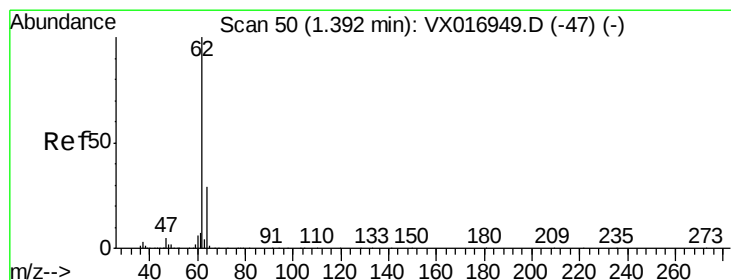
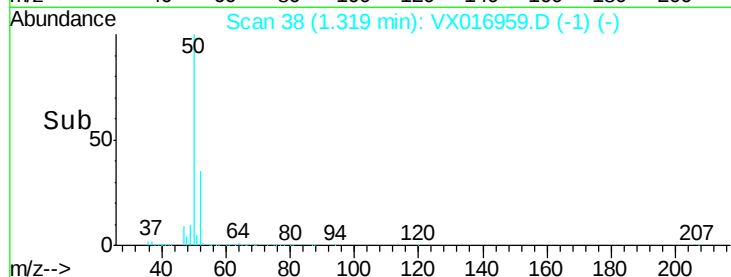
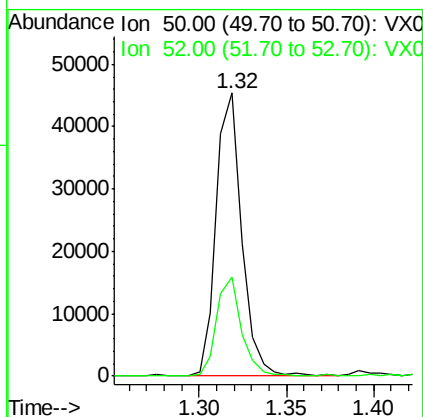
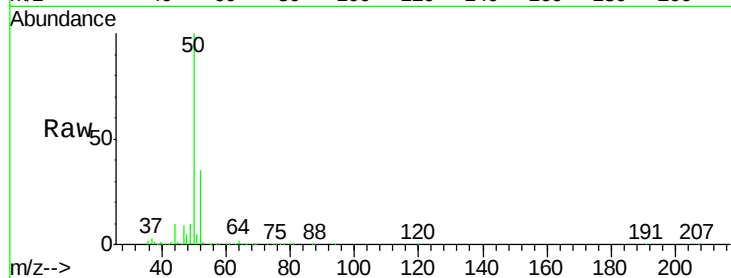
52 34.9 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.837 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016959.D

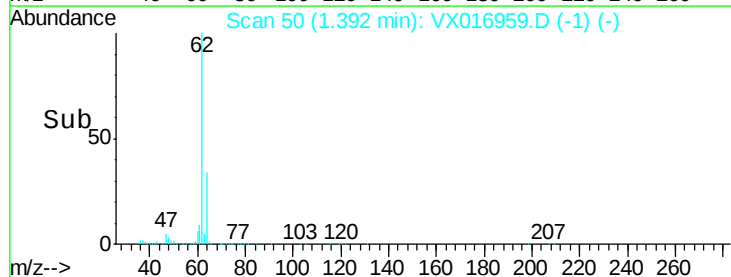
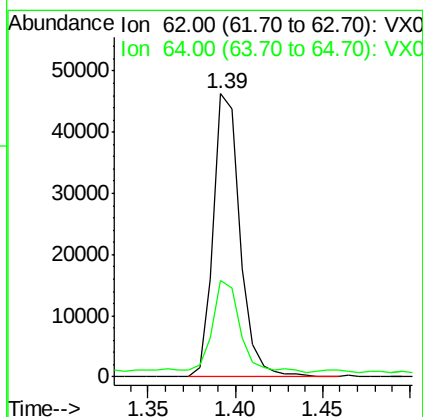
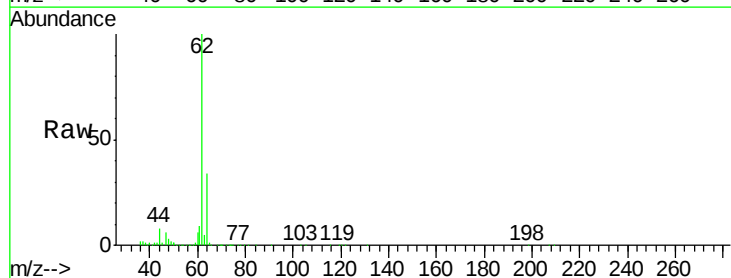
Acq: 25 Jun 2020 17:21

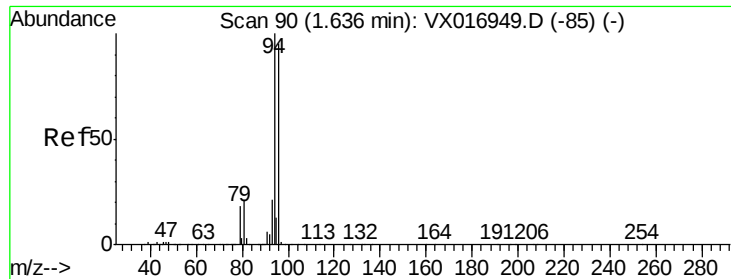
Tgt Ion: 62 Resp: 49050

Ion Ratio Lower Upper

62 100

64 32.0 23.4 35.0





#5

Bromomethane

Concen: 22.022 ug/l

RT: 1.64 min Scan# 90

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 41289

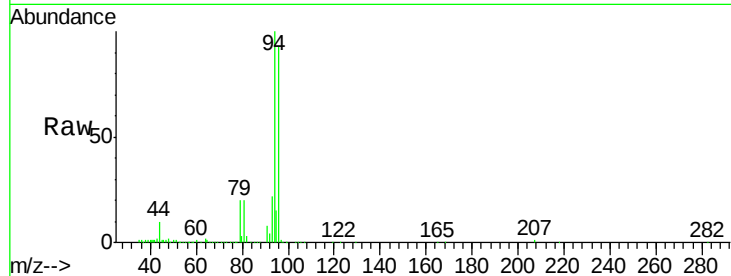
Ion Ratio Lower Upper

94 100

96 92.1 75.5 113.3

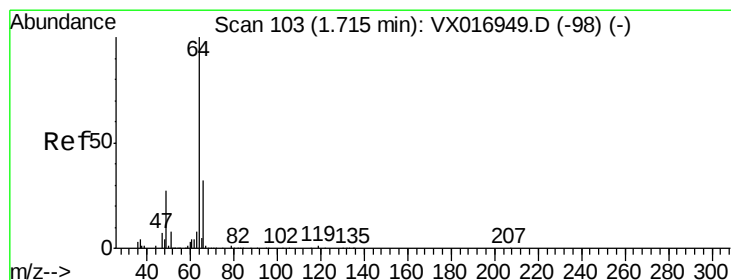
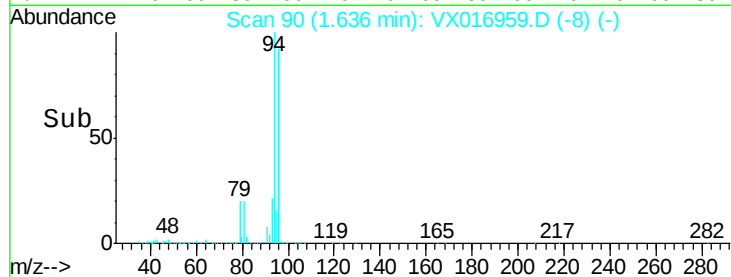
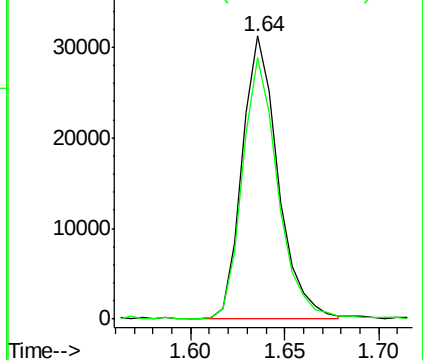
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 17.941 ug/l

RT: 1.71 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX016959.D

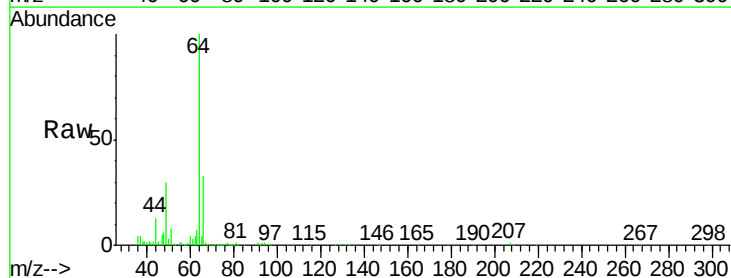
Acq: 25 Jun 2020 17:21

Tgt Ion: 64 Resp: 30130

Ion Ratio Lower Upper

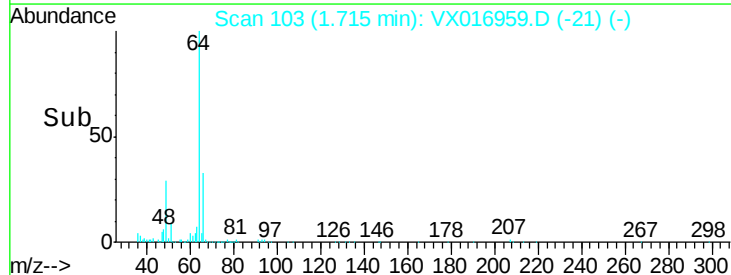
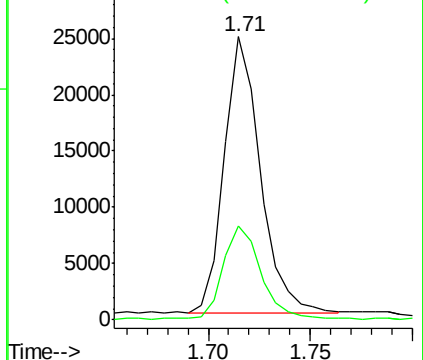
64 100

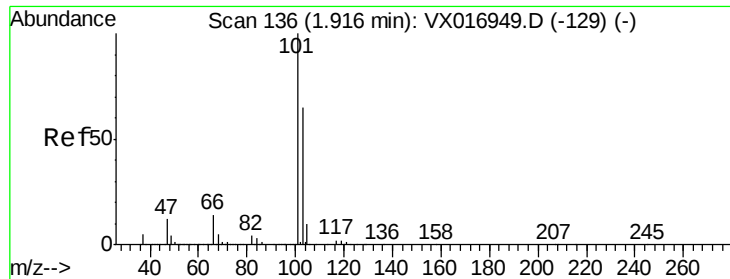
66 33.3 26.1 39.1



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

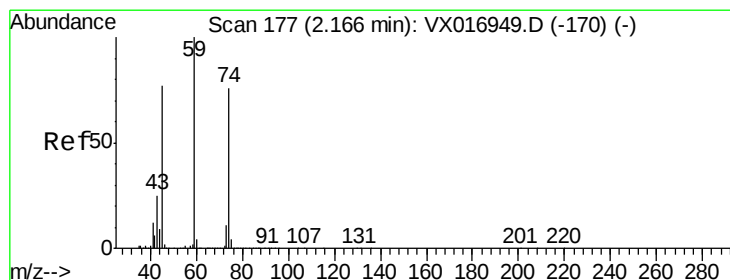
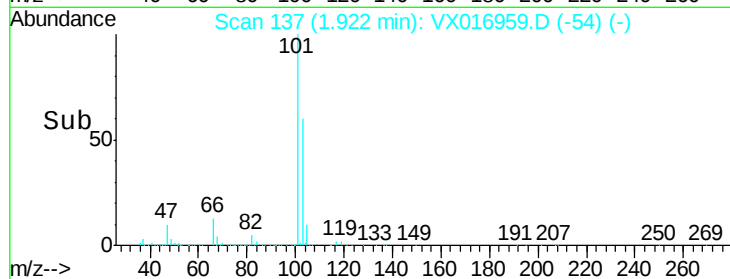
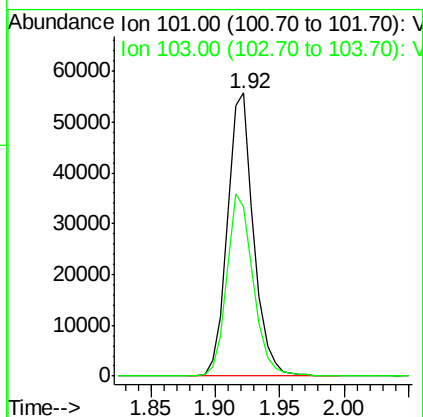
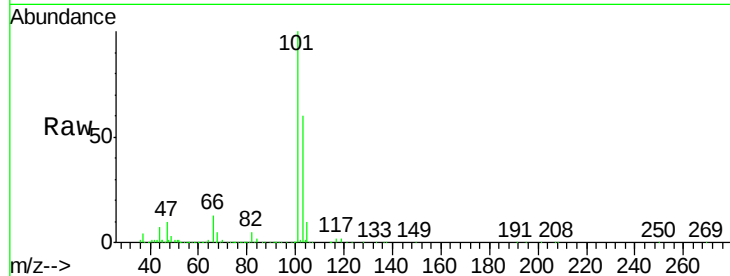
Trichlorofluoromethane
Concen: 18.749 ug/l
RT: 1.92 min Scan# 137
Delta R.T. 0.01 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	60.0	52.1	78.1

Manual Integrations
APPROVED

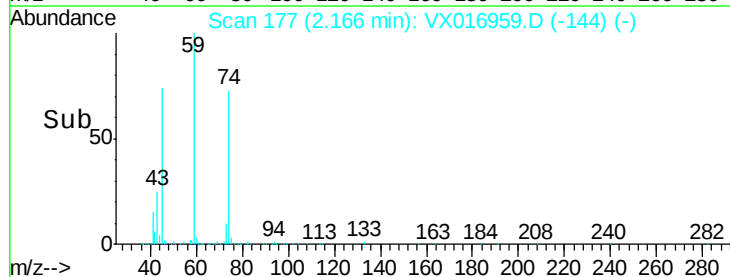
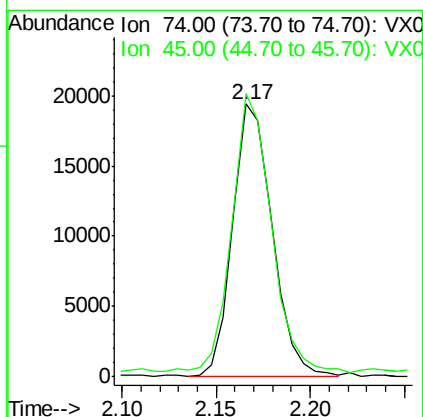
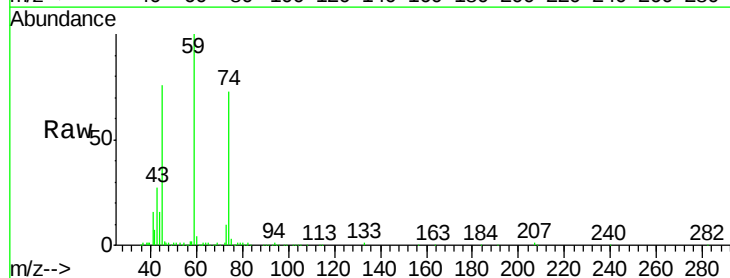
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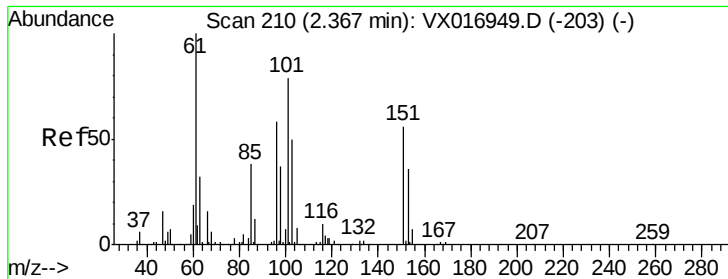


#8

Diethyl Ether
Concen: 18.368 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.8	19.8	178.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.736 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

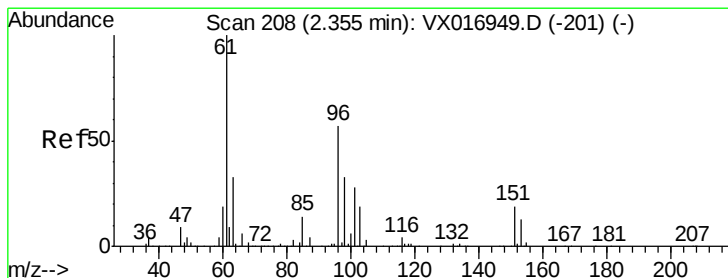
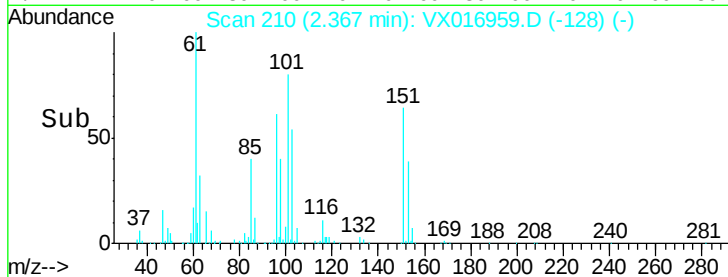
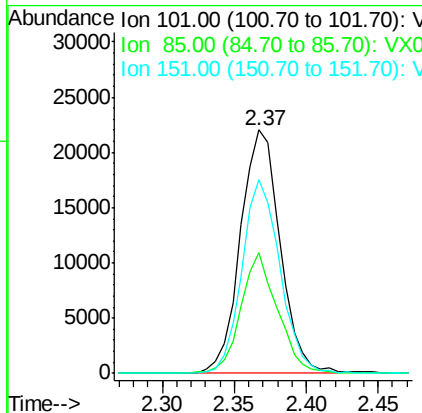
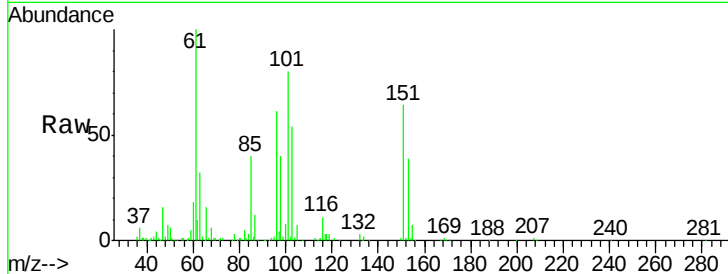
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	42109
Ion Ratio	Lower	Upper	
101	100		
85	45.6	0.0	94.6
151	76.2	0.0	145.8

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 19.091 ug/l

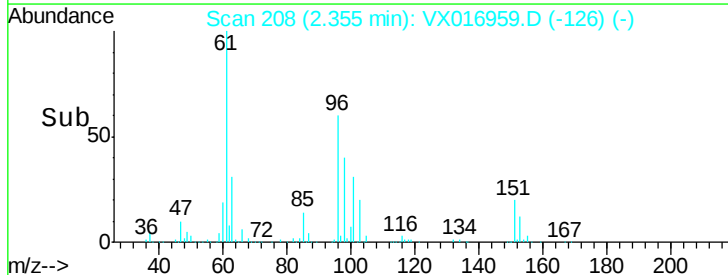
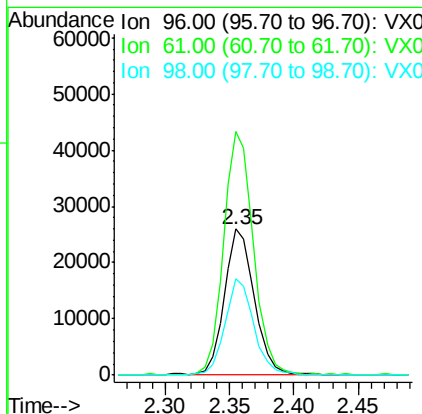
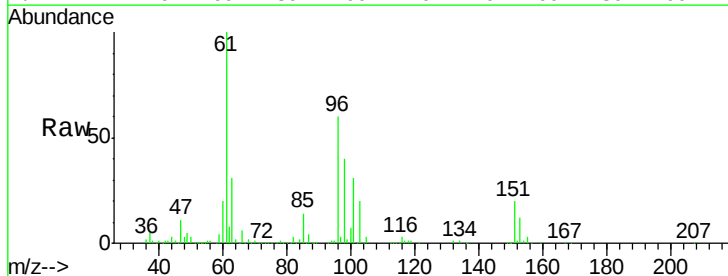
RT: 2.35 min Scan# 208

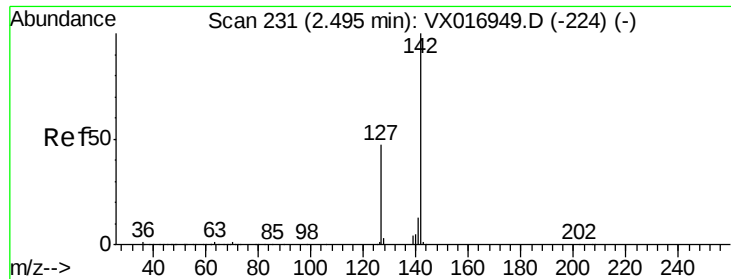
Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Tgt Ion:	96	Resp:	42318
Ion Ratio	Lower	Upper	
96	100		
61	166.3	141.3	211.9
98	65.6	47.0	70.4





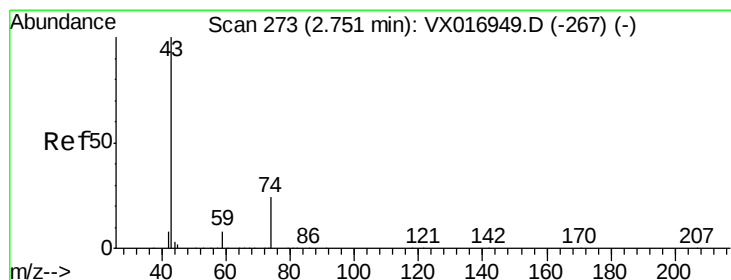
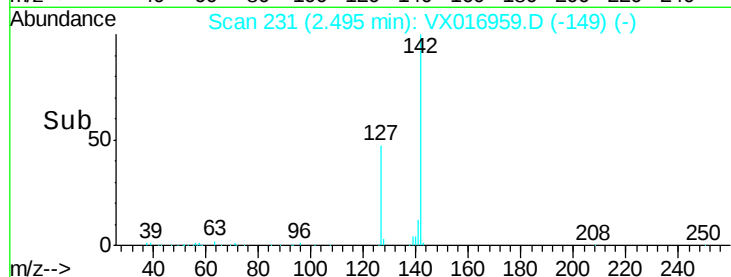
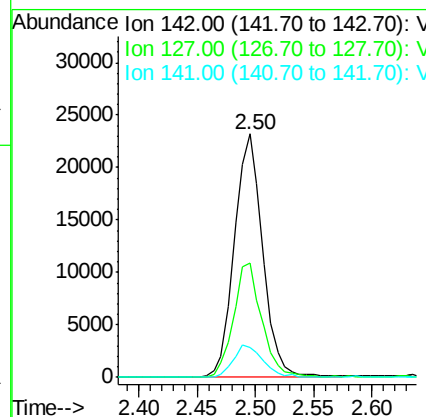
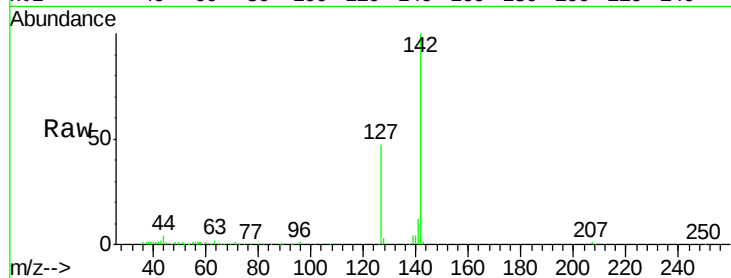
#11
Methyl Iodide
Concen: 13.318 ug/l
RT: 2.50 min Scan# 231
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	46.6	23.3	69.9
141	12.3	6.7	20.1

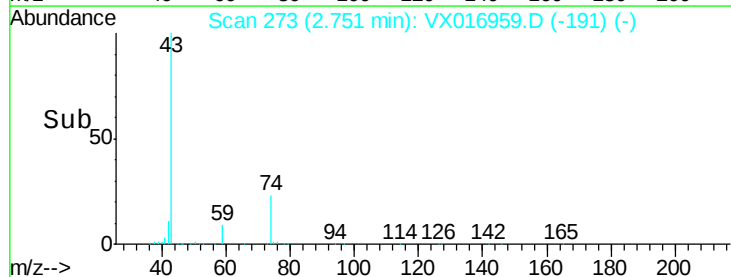
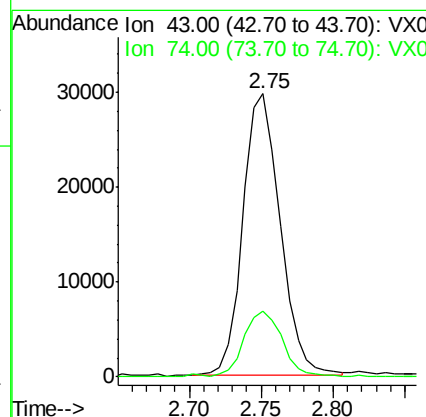
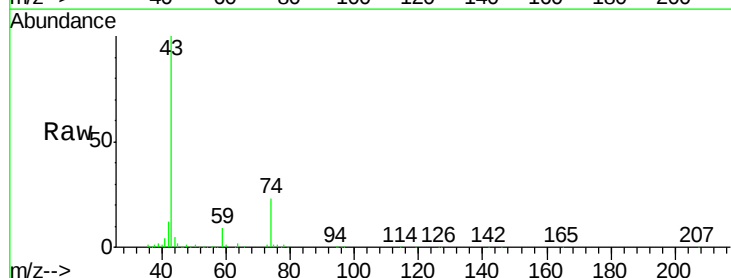
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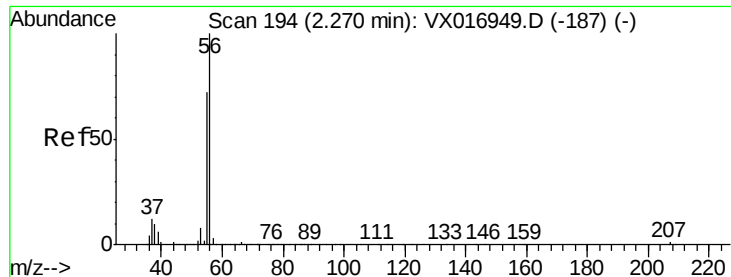
MMDadoda
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#12
Methyl Acetate
Concen: 18.999 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	19.1	28.7





#13

Acrolein

Concen: 36.689 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 16187

Ion Ratio Lower Upper

56 100

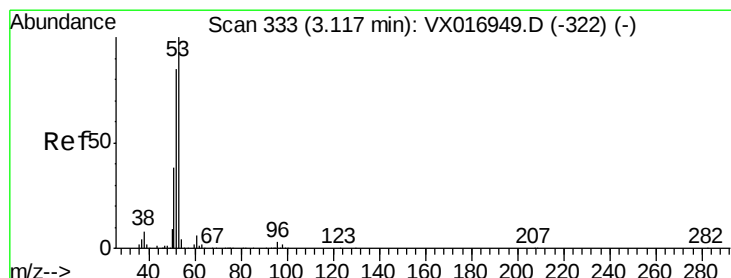
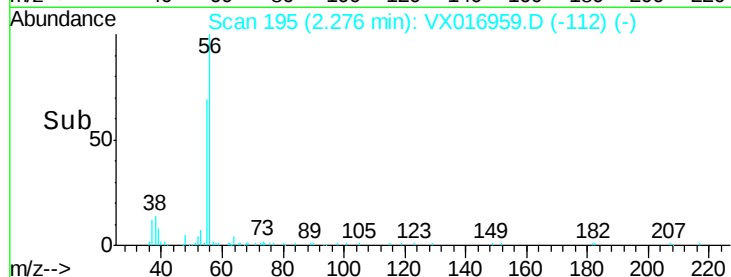
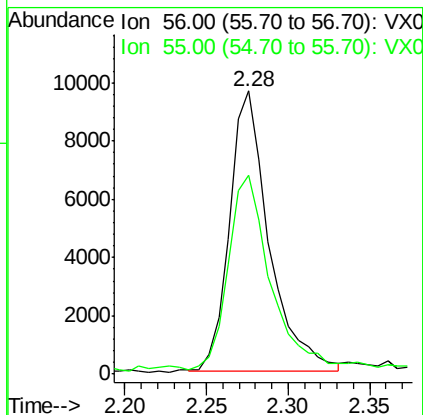
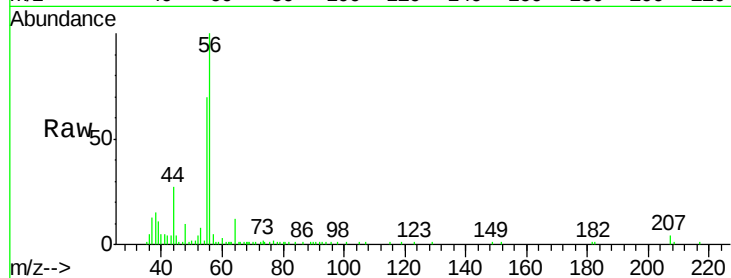
55 73.6 56.2 84.4

Manual Integrations

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#14

Acrylonitrile

Concen: 91.637 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

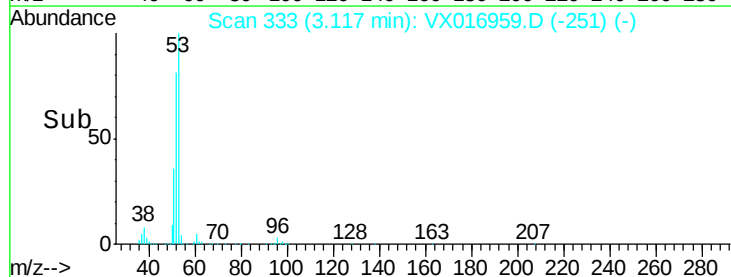
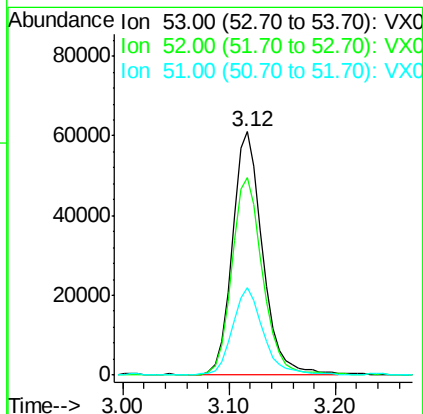
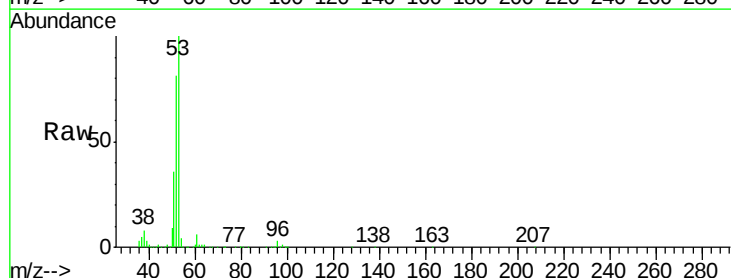
Tgt Ion: 53 Resp: 121353

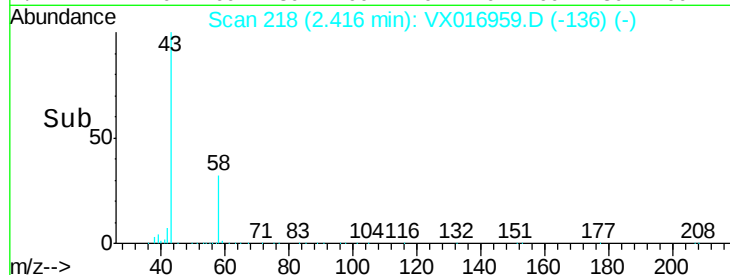
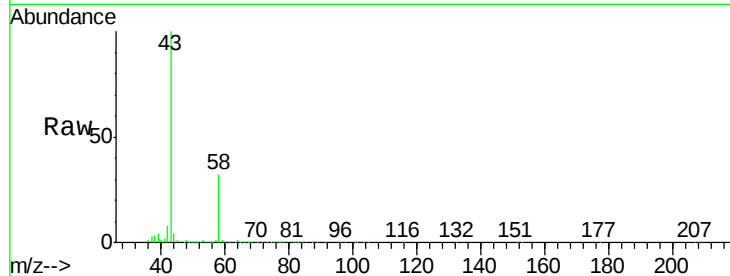
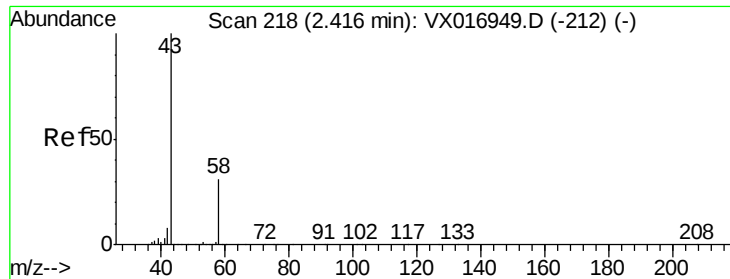
Ion Ratio Lower Upper

53 100

52 82.4 40.6 121.8

51 36.4 18.4 55.4





#15

Acetone

Concen: 94.637 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Tot Ion: 58 Resp: 32433

Ion Ratio Lower Upper

58 100

43 315.3 257.6 386.4

Instrument :

MSVOA_X

ClientSampleId :

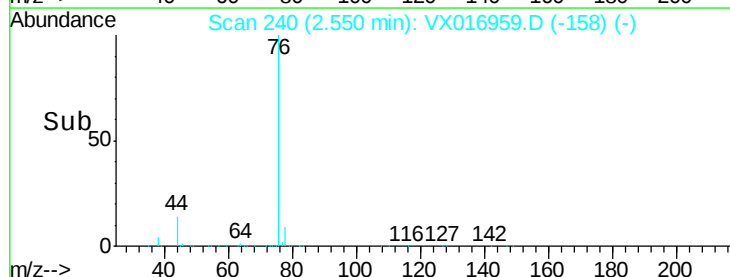
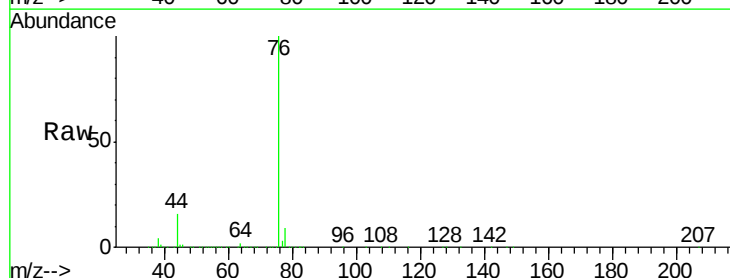
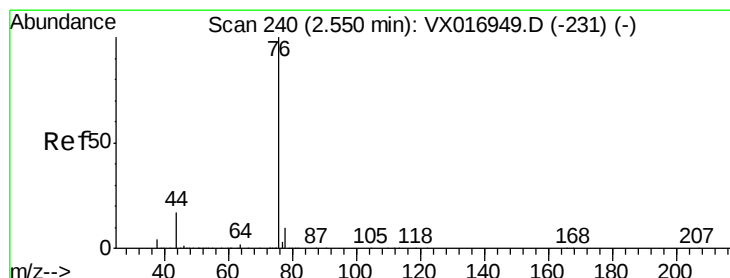
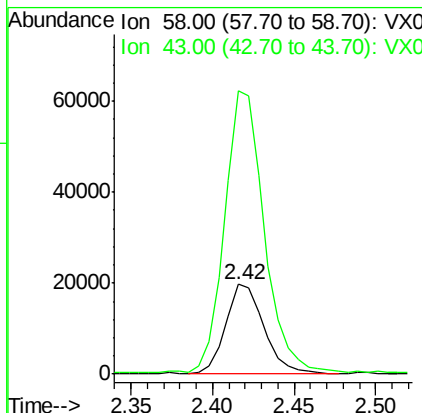
VSTDCCC020EC

Manual Integrations

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#16

Carbon Disulfide

Concen: 18.431 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016959.D

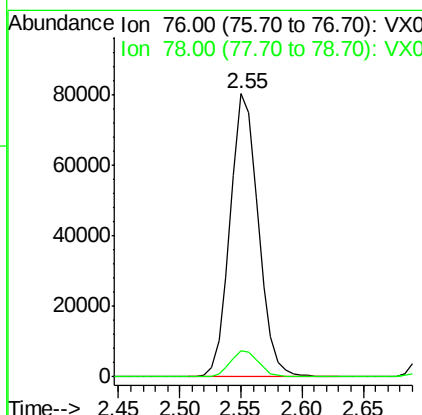
Acq: 25 Jun 2020 17:21

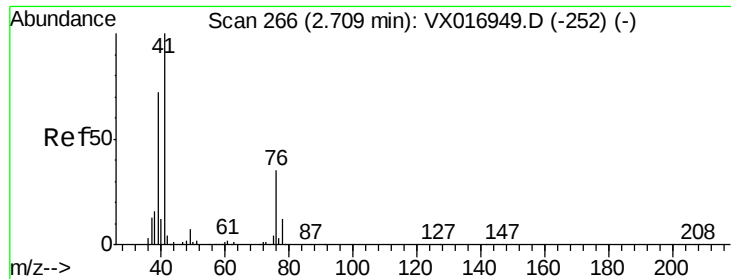
Tgt Ion: 76 Resp: 128433

Ion Ratio Lower Upper

76 100

78 9.4 7.6 11.4





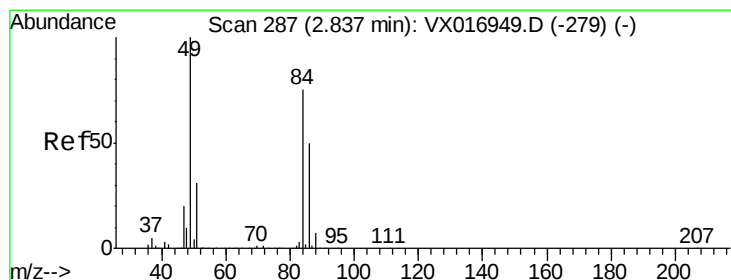
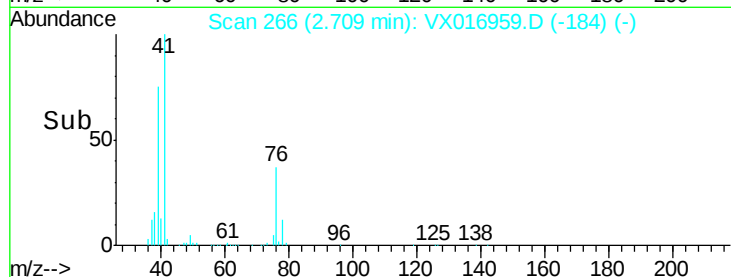
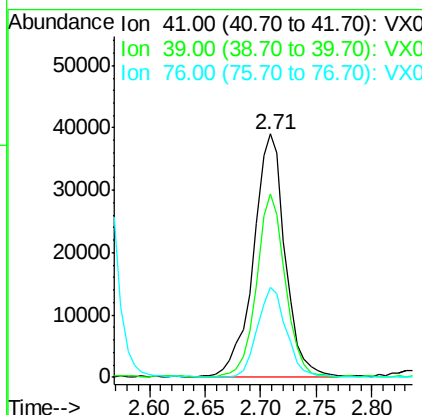
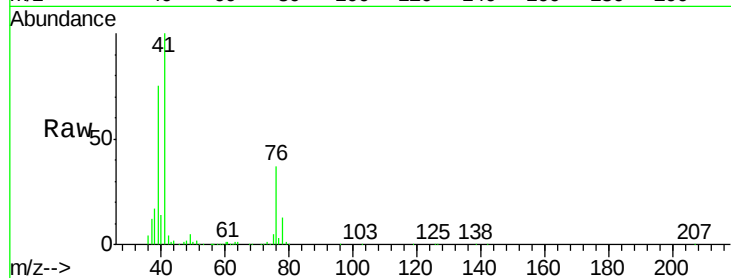
#17
Allvl chloride
Concen: 18.658 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	75.4	35.9	107.8
76	36.6	17.6	52.8

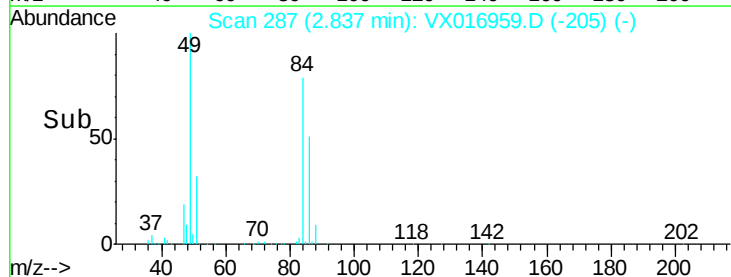
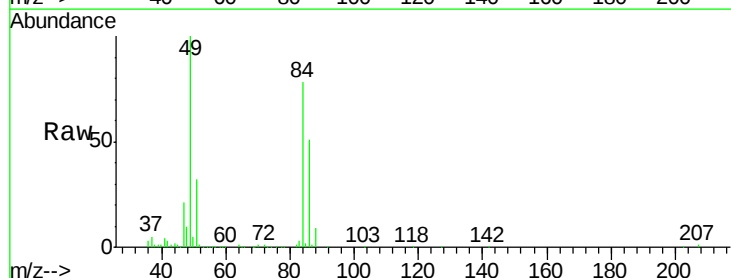
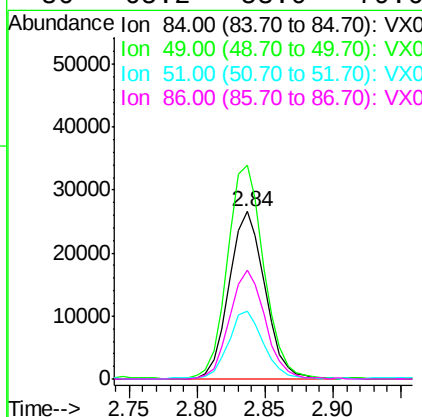
Manual Integrations
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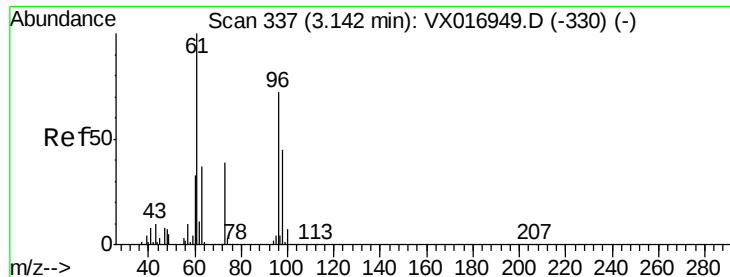
MMDadoda
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#18
Methylene Chloride
Concen: 18.315 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.3	106.6	159.8
51	40.3	32.7	49.1
86	65.2	53.0	79.6





#19

trans-1,2-Dichloroethene

Concen: 17.960 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

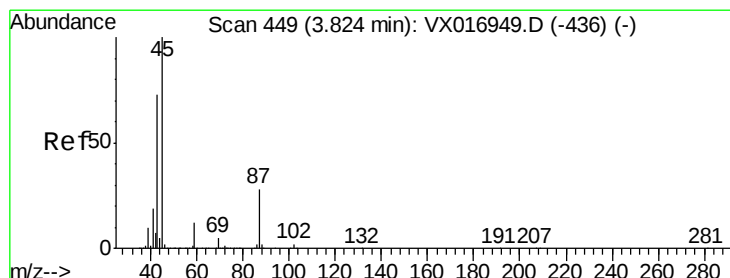
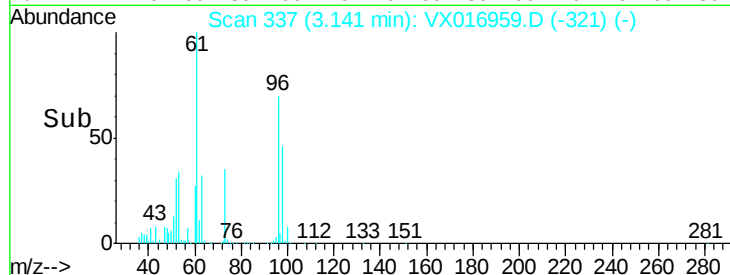
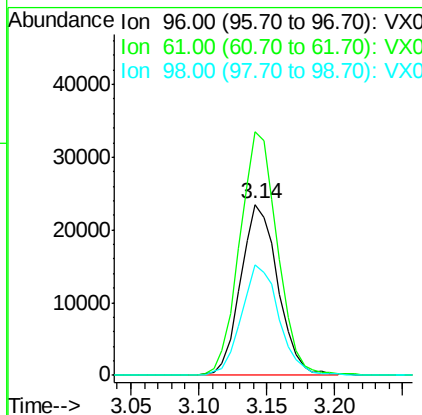
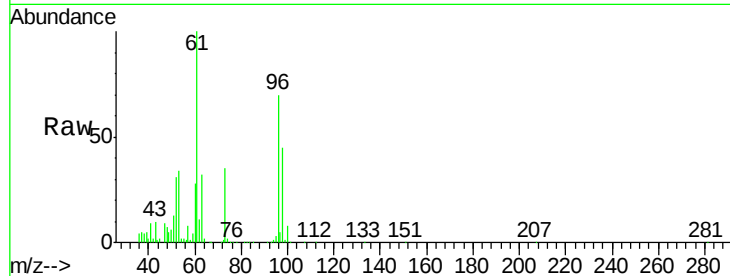
ClientSampleId :

VSTDCCC020EC

Tot Ion:	96	Resp:	45107
Ion	Ratio	Lower	Upper
96	100		
61	142.4	110.6	165.8
98	64.8	49.8	74.6

Manual Integrations
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#20

Diisopropyl ether

Concen: 18.568 ug/l

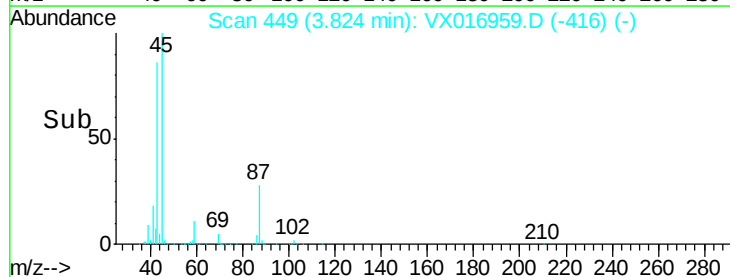
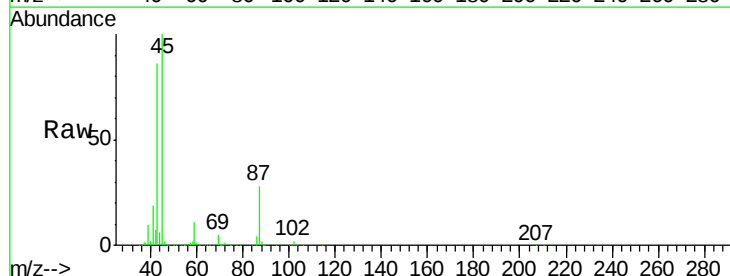
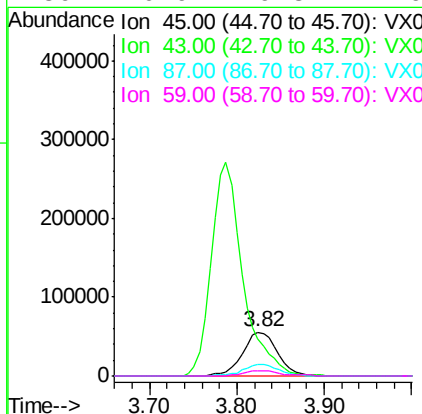
RT: 3.82 min Scan# 449

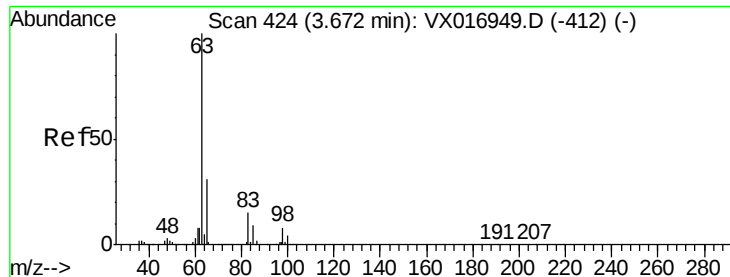
Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Tgt Ion:	45	Resp:	153983
Ion	Ratio	Lower	Upper
45	100		
43	84.8	63.9	95.9
87	27.8	22.2	33.4
59	10.9	9.8	14.6





#21

1,1-Dichloroethane

Concen: 18.587 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

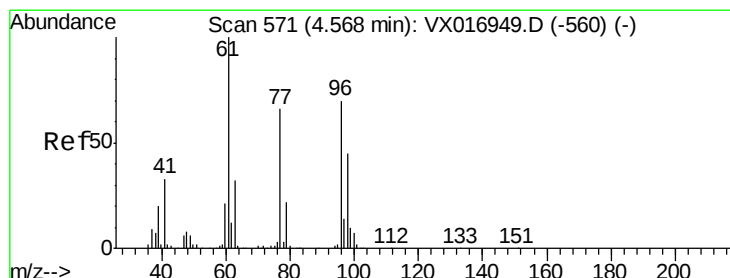
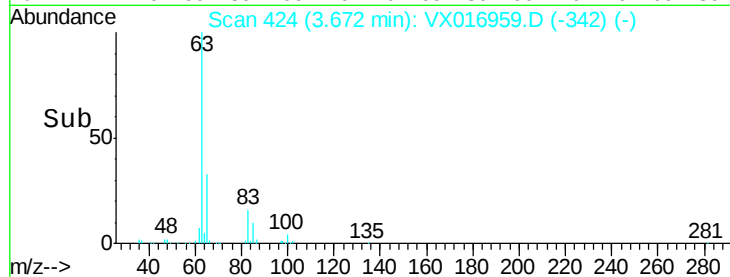
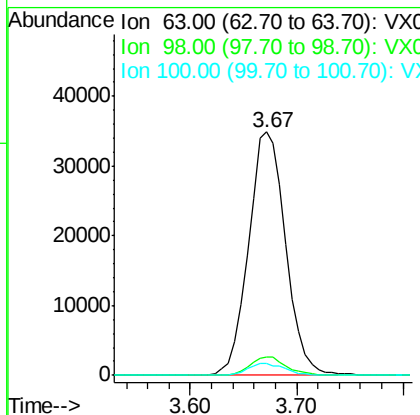
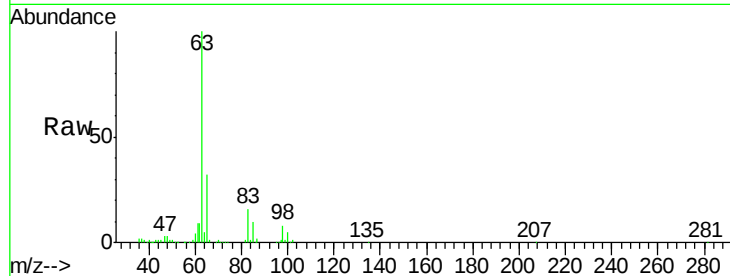
ClientSampleId :

VSTDCCC020EC

Tot Ion:	63	Resp:	84991
Ion Ratio	Lower	Upper	
63	100		
98	7.7	3.8	11.4
100	4.8	2.2	6.6

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 18.623 ug/l

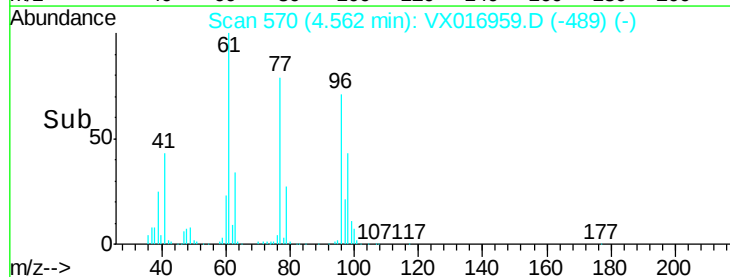
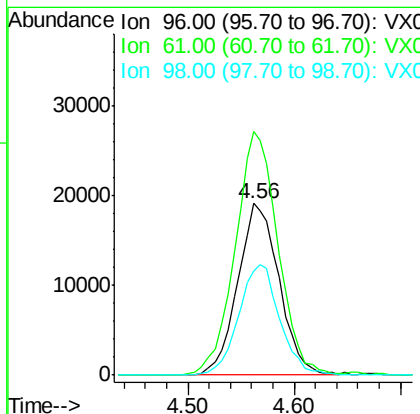
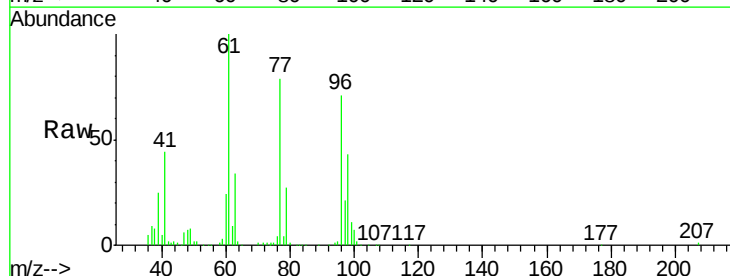
RT: 4.56 min Scan# 570

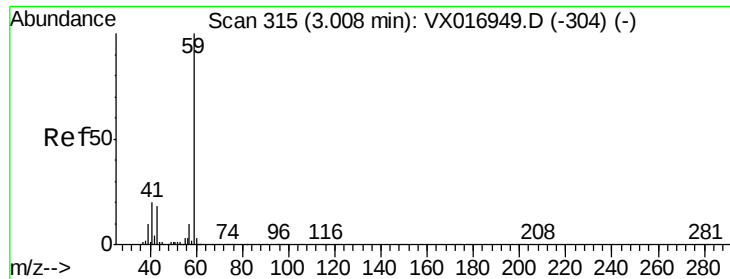
Delta R.T. -0.01 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Tgt Ion:	96	Resp:	52075
Ion Ratio	Lower	Upper	
96	100		
61	146.5	120.8	181.2
98	63.9	51.7	77.5





#23

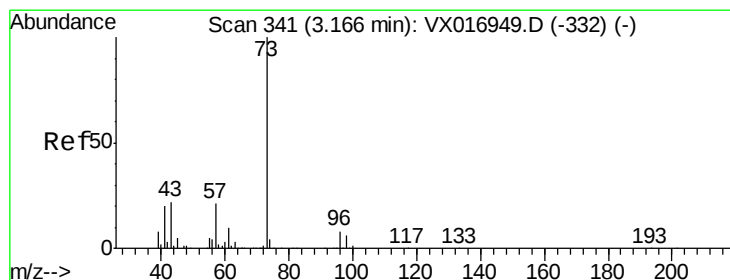
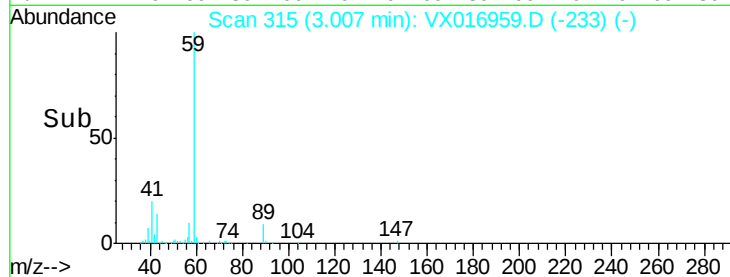
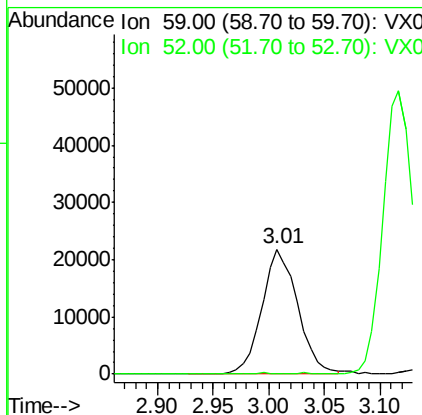
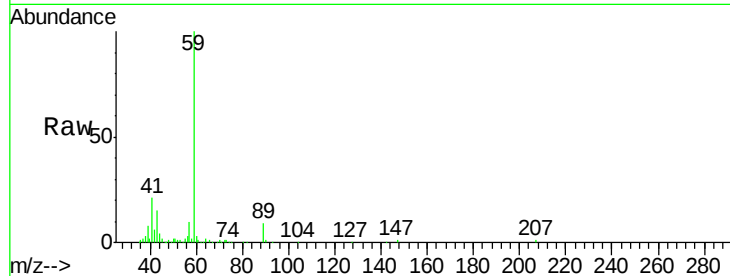
tert-Butyl Alcohol
 Concen: 83.588 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX016959.D
 Acq: 25 Jun 2020 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.1	0.1	0.1

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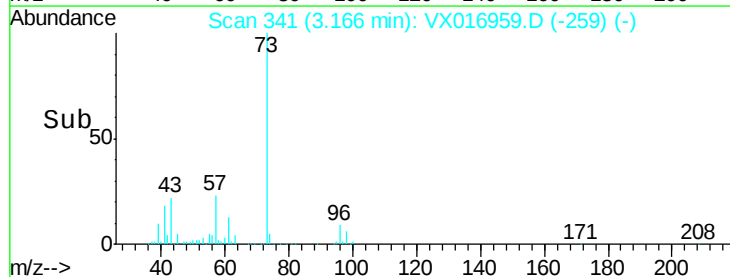
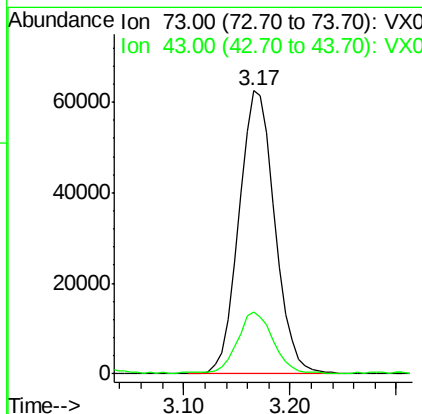
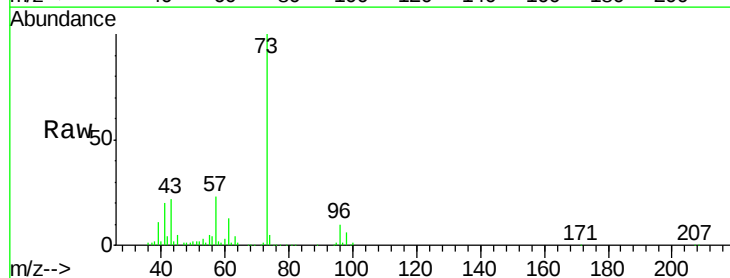
MMDadoda
 6/26/2020 3:34:28 PM

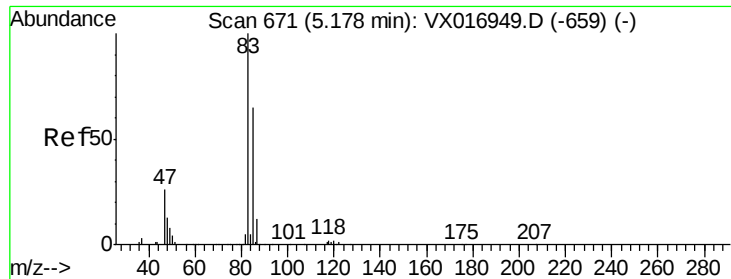


#24

Methyl tert-Butyl Ether
 Concen: 18.641 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016959.D
 Acq: 25 Jun 2020 17:21

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.6	17.2	25.8





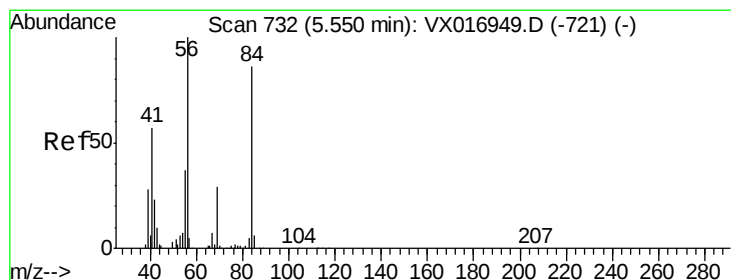
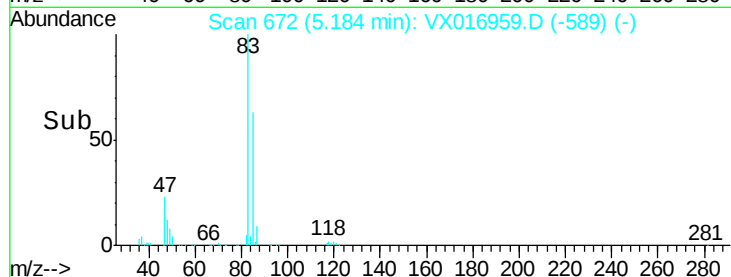
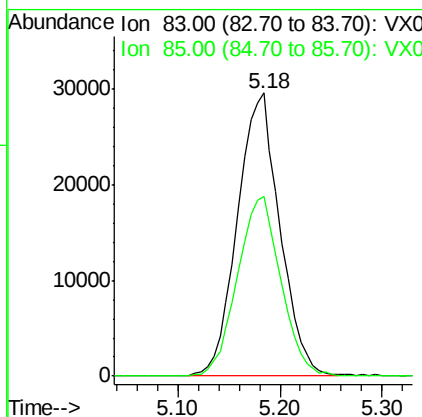
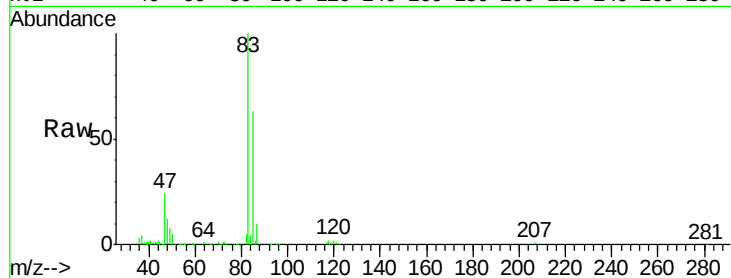
#25
Chloroform
Concen: 18.486 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	83	Resp	85703
Ion Ratio	100	Lower	Upper
83	100		
85	63.2	52.1	78.1

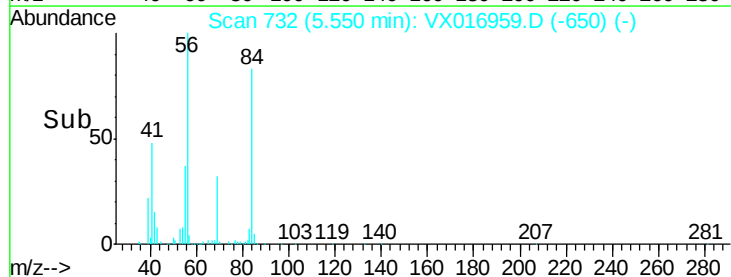
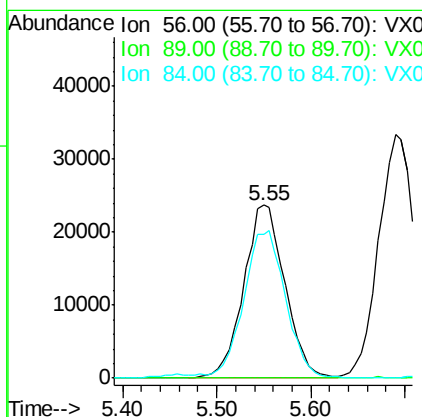
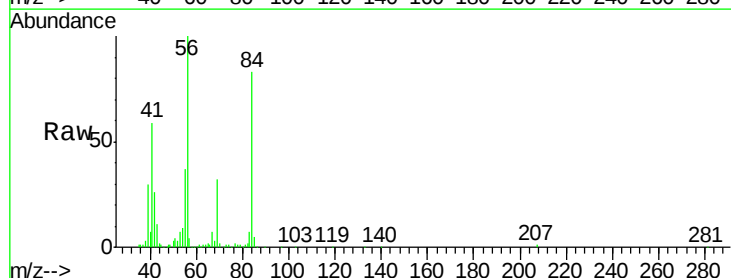
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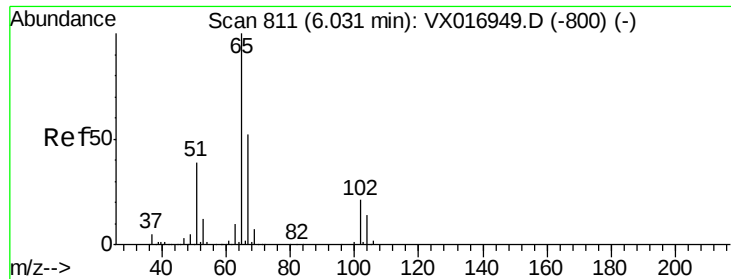
MMDadoda
6/26/2020 3:34:28 PM



#26
Cyclohexane
Concen: 18.182 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Tgt Ion	56	Resp	72525
Ion Ratio	100	Lower	Upper
56	100		
89	0.1	0.0	0.0#
84	86.6	69.0	103.6





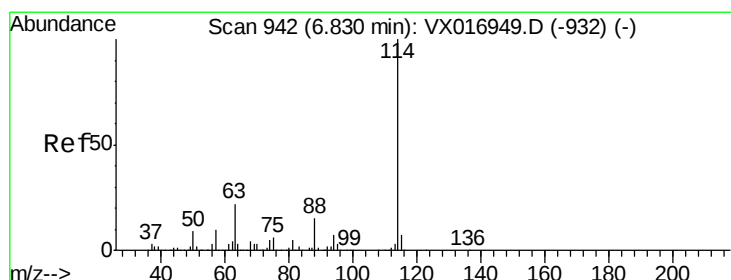
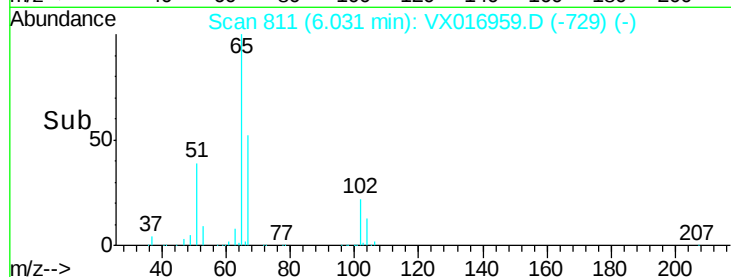
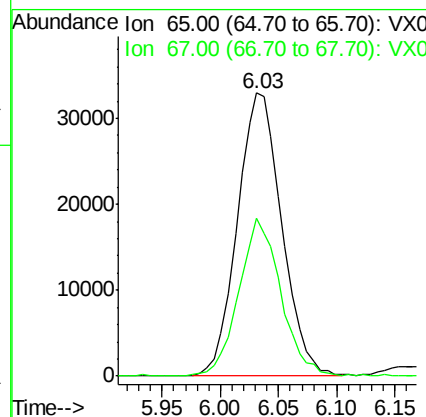
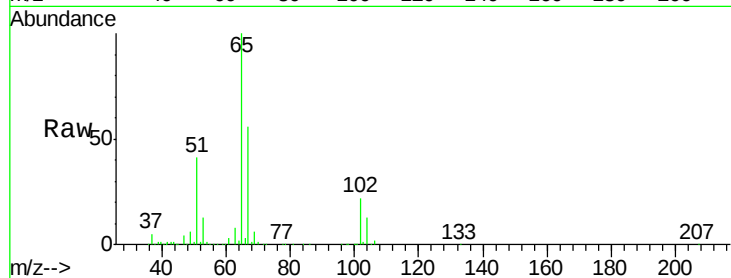
#27
 1,2-Dichloroethane-d4
 Concen: 28.972 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016959.D
 Acq: 25 Jun 2020 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.5	41.5	62.3

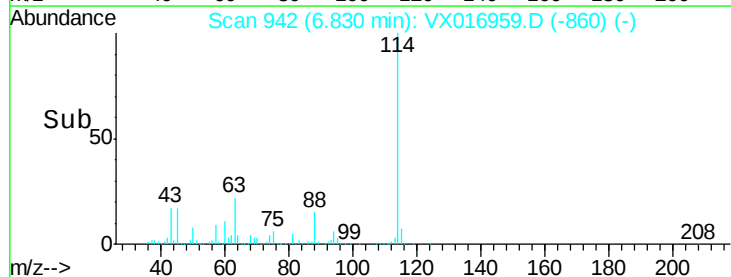
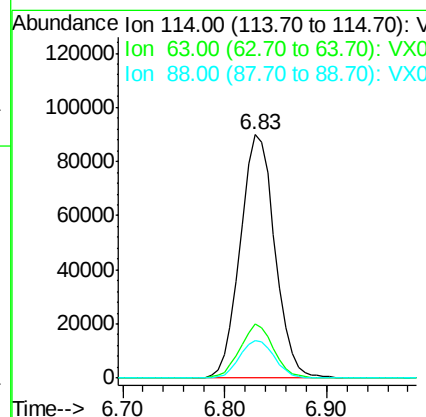
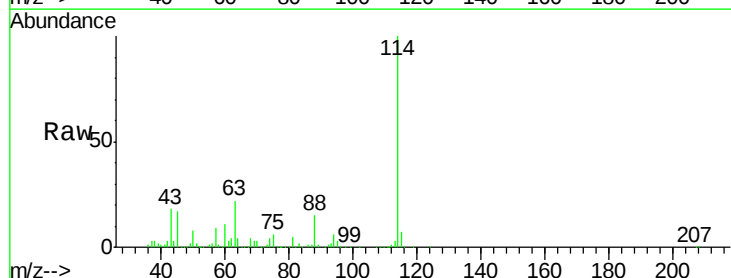
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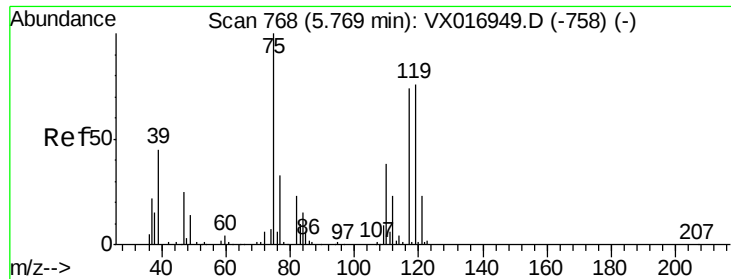
MMDadoda
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016959.D
 Acq: 25 Jun 2020 17:21

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.5	17.4	26.2
88	15.5	13.0	19.6





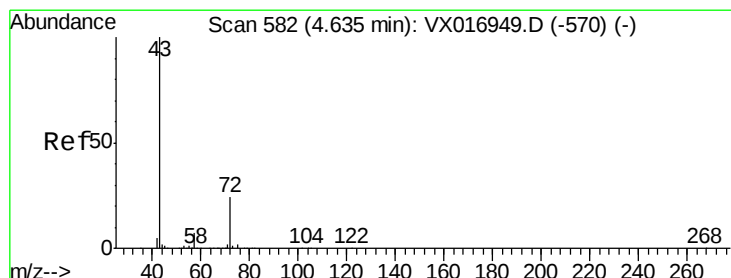
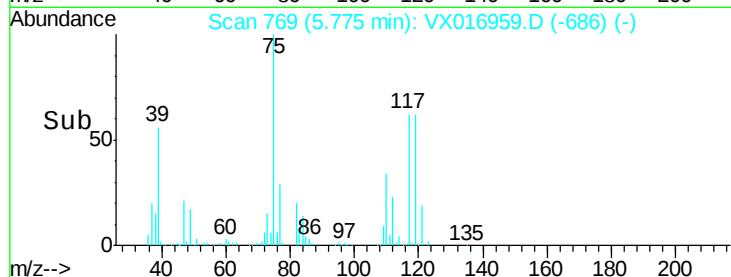
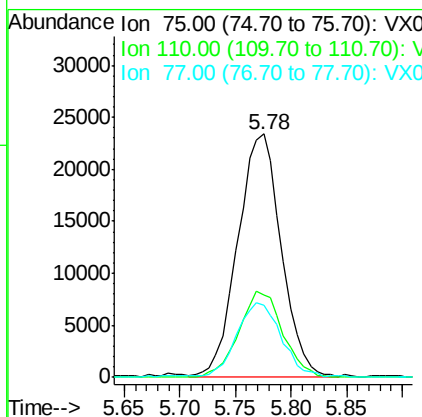
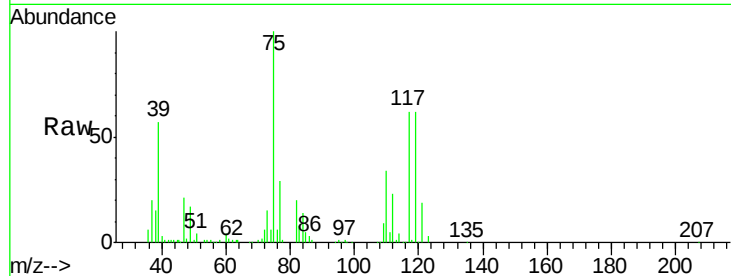
#29
 1,1-Dichloropropene
 Concen: 18.304 ug/l
 RT: 5.78 min Scan# 769
 Delta R.T. 0.01 min
 Lab File: VX016959.D
 Acq: 25 Jun 2020 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	35.9	0.0	71.6
77	31.4	0.0	64.0

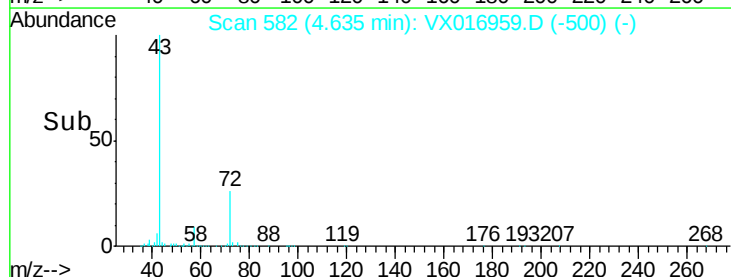
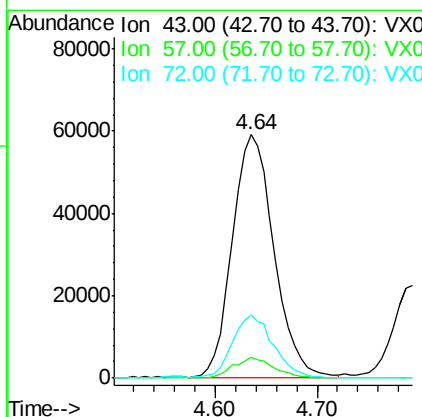
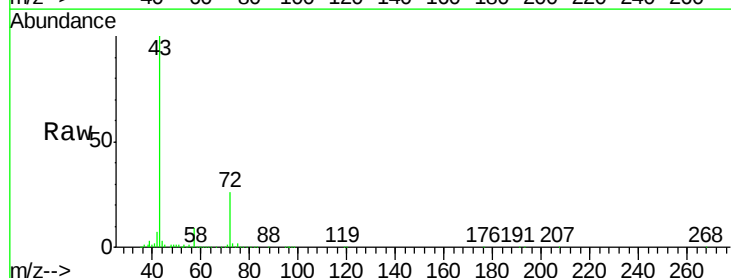
Manual Integrations
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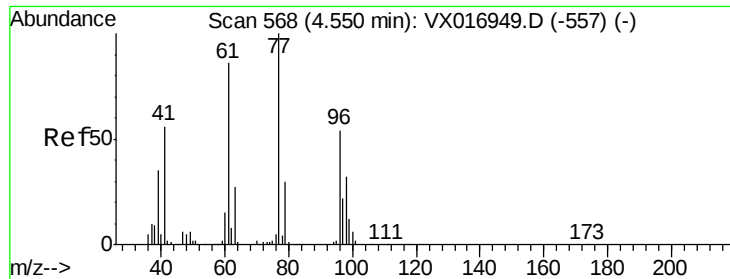
MMDadoda
 6/26/2020 3:34:28 PM



#30
 2-Butanone
 Concen: 92.123 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX016959.D
 Acq: 25 Jun 2020 17:21

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.1	6.2	9.4
72	25.7	20.6	31.0





#31

2,2-Dichloropropane

Concen: 18.058 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 77 Resp: 71722

Ion Ratio Lower Upper

77 100

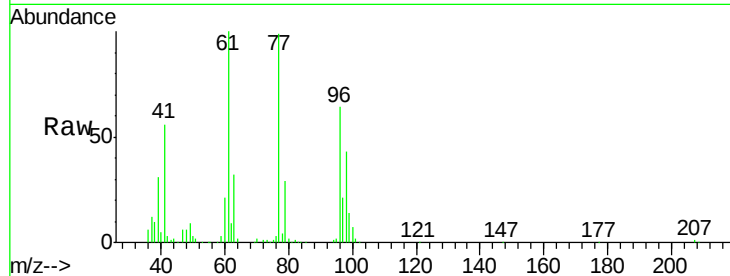
97 23.3 18.5 27.7

Manual Integrations

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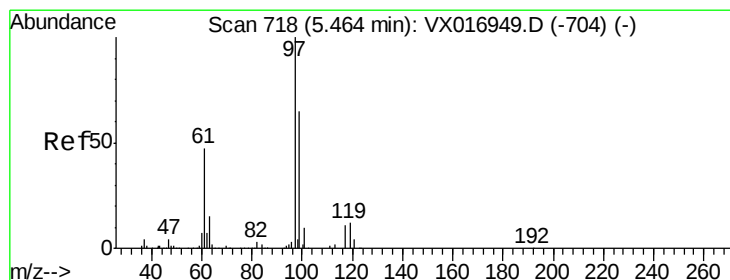
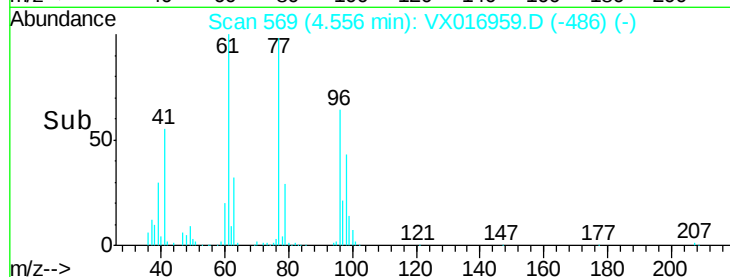
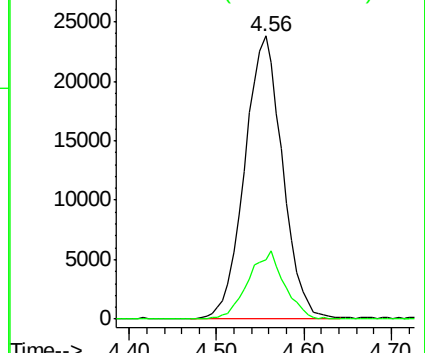
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Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0



#32

1,1,1-Trichloroethane

Concen: 18.460 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

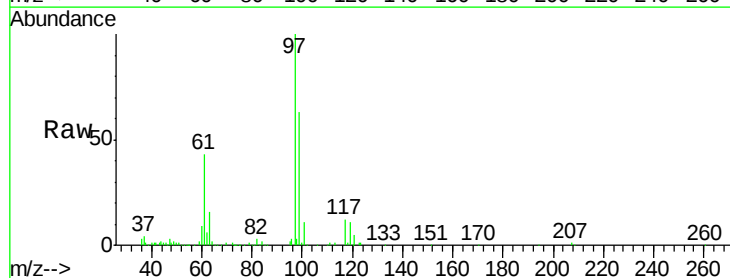
Tgt Ion: 97 Resp: 77357

Ion Ratio Lower Upper

97 100

99 65.2 52.2 78.2

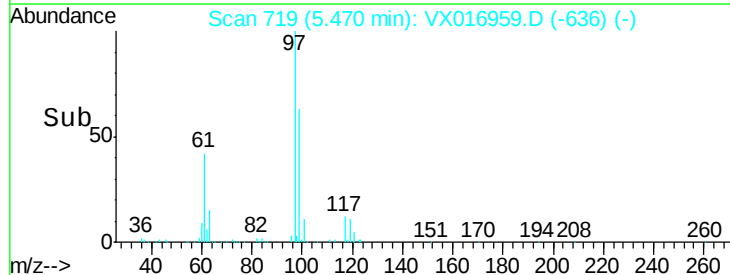
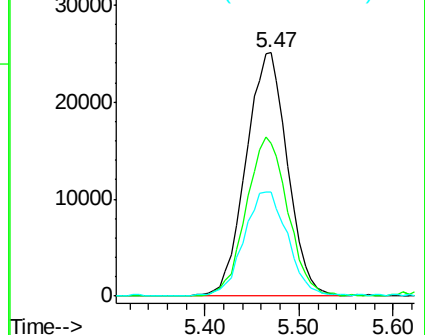
61 44.0 36.9 55.3

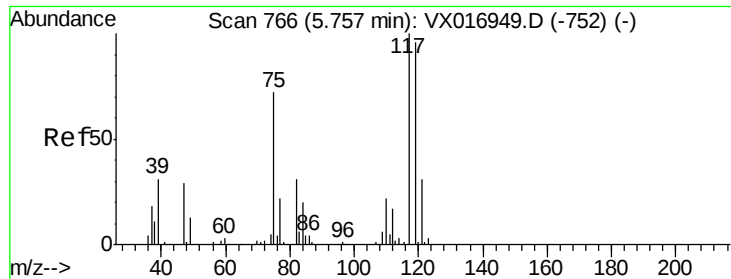


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#33

Carbon Tetrachloride

Concen: 18.150 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

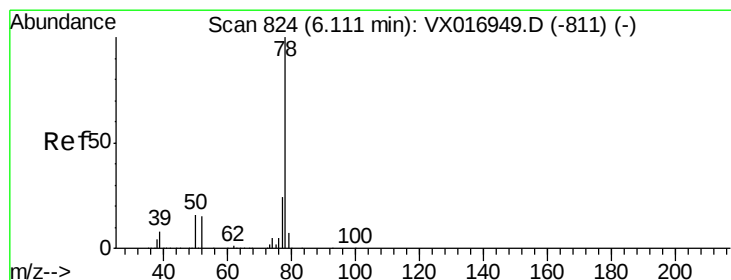
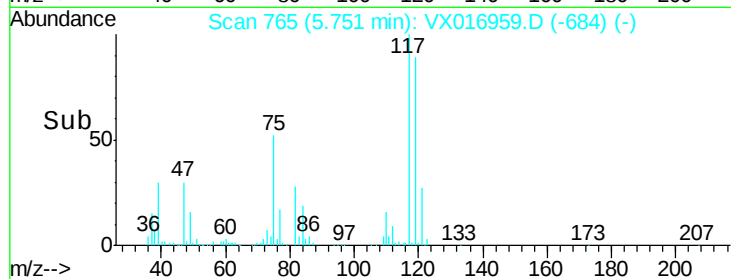
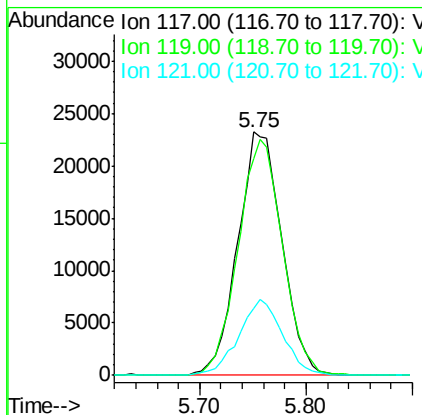
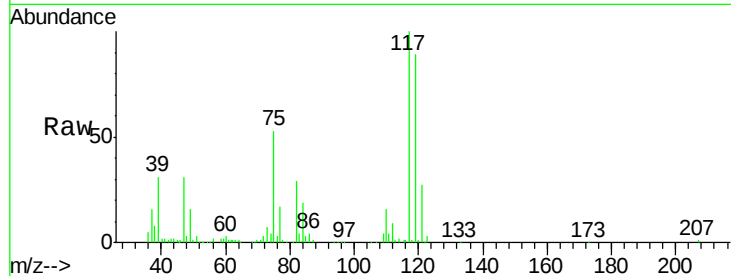
ClientSampleId :

VSTDCCC020EC

Tot Ion:	117	Resp:	67450
Ion	Ratio	Lower	Upper
117	100		
119	88.7	77.0	115.4
121	27.4	25.0	37.4

Manual Integrations
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#34

Benzene

Concen: 18.664 ug/l

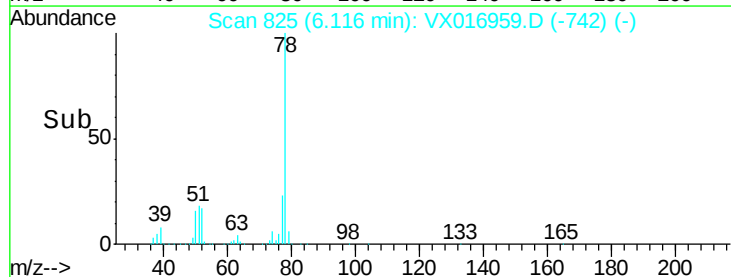
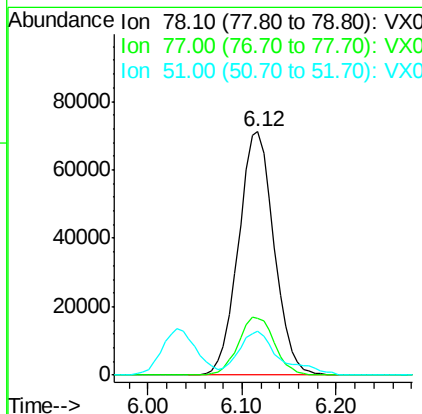
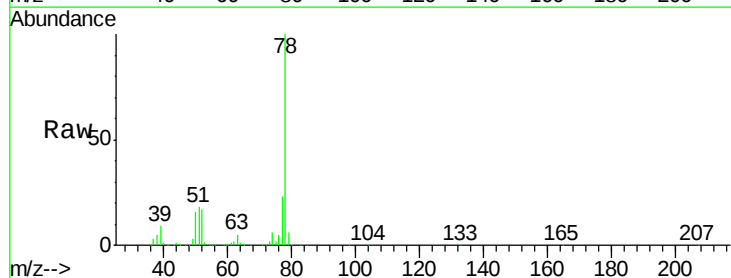
RT: 6.12 min Scan# 825

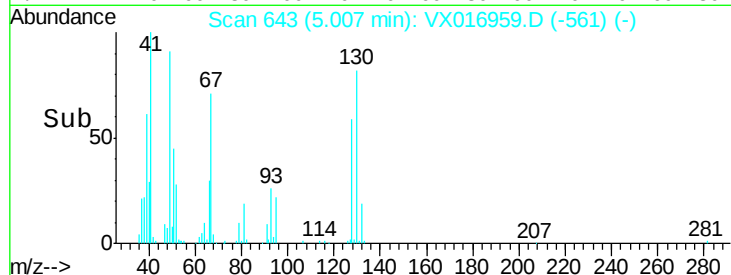
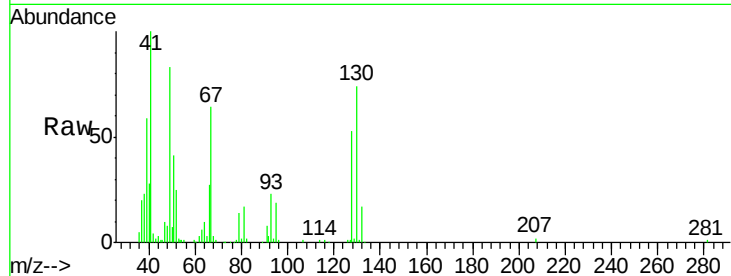
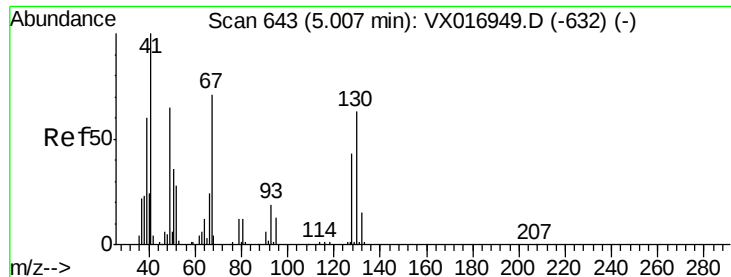
Delta R.T. 0.01 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

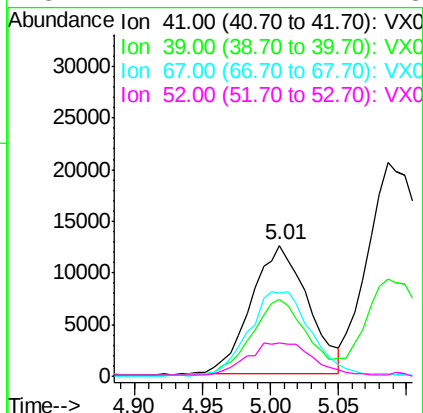
Tgt Ion:	78	Resp:	188208
Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.0	28.6
51	17.5	12.8	19.2





#35
Methacrylonitrile
Concen: 18.342 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

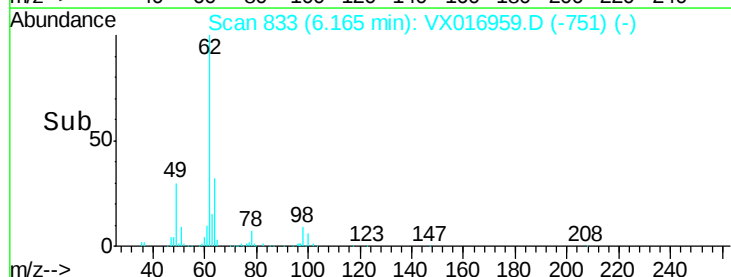
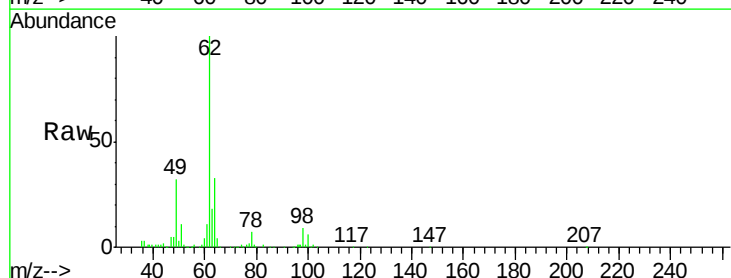
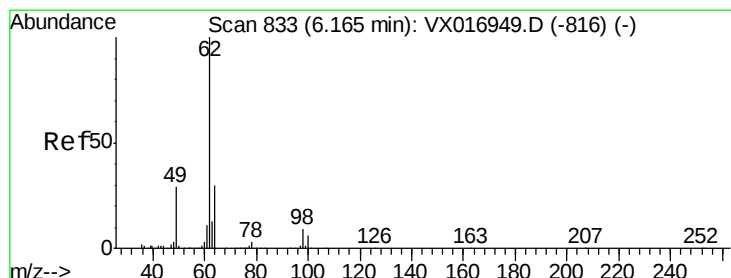
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	58.1	29.8	89.5	
67	64.3	35.3	105.9	
52	24.7	14.1	42.3	



Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

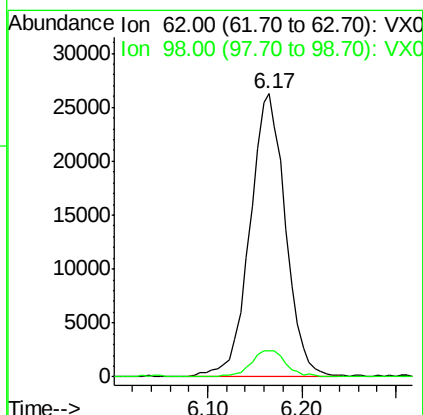
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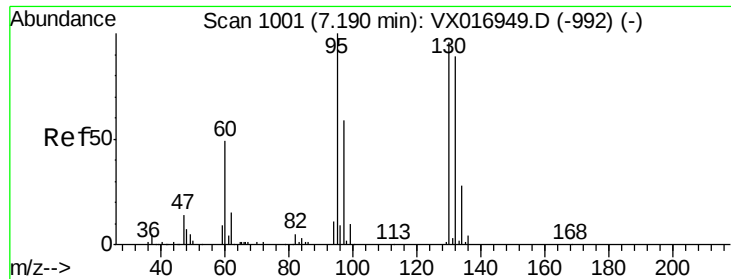
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#36
1,2-Dichloroethane
Concen: 17.886 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.3	7.6	11.4	





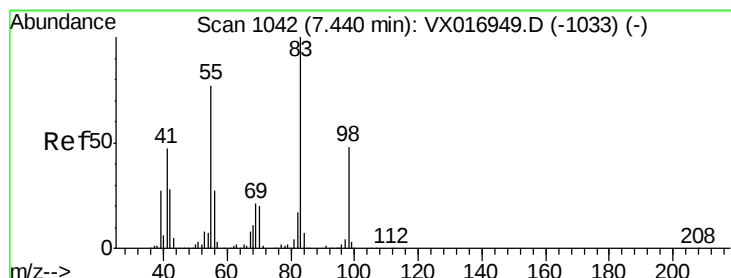
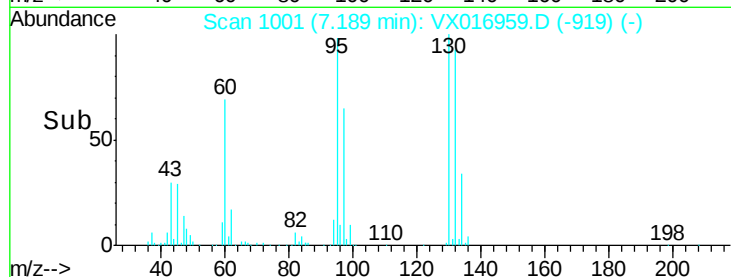
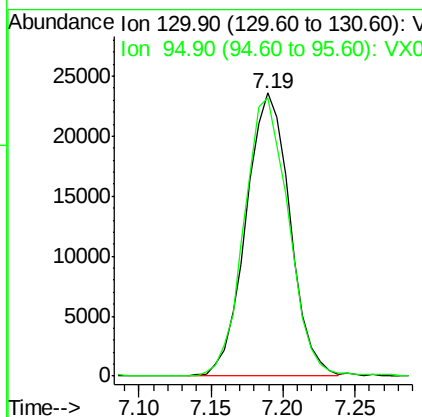
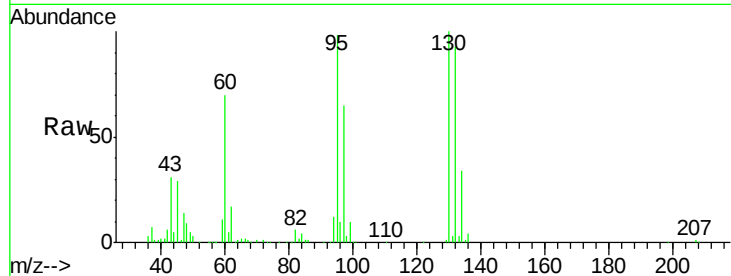
#37
 Trichloroethene
 Concen: 18.120 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016959.D
 Acq: 25 Jun 2020 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:130 Resp: 49858
 Ion Ratio Lower Upper
 130 100
 95 97.9 83.1 124.7

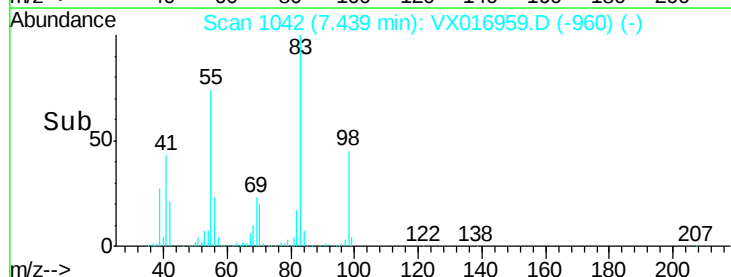
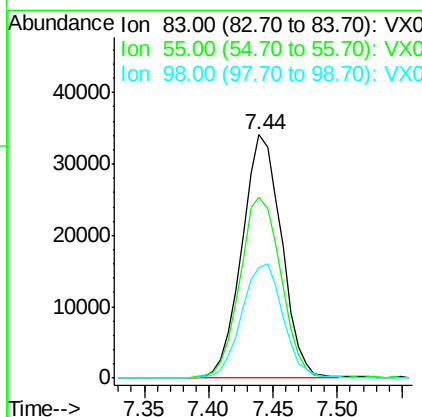
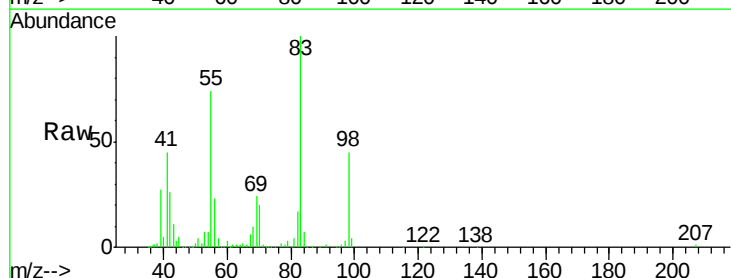
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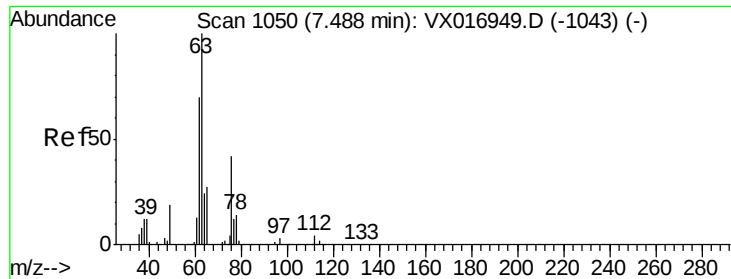
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#38
 Methylcyclohexane
 Concen: 18.409 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: VX016959.D
 Acq: 25 Jun 2020 17:21

Tgt Ion: 83 Resp: 72603
 Ion Ratio Lower Upper
 83 100
 55 77.6 38.1 114.5
 98 48.7 24.6 73.6





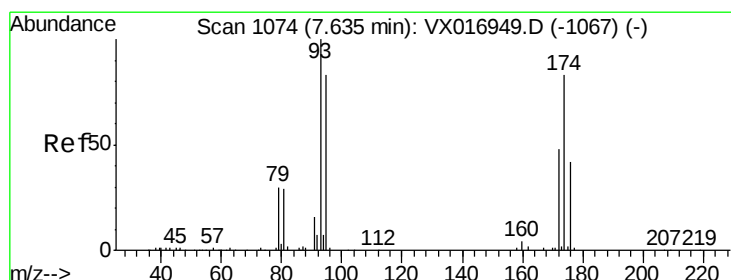
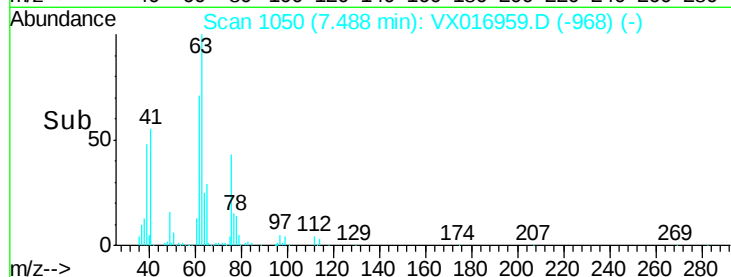
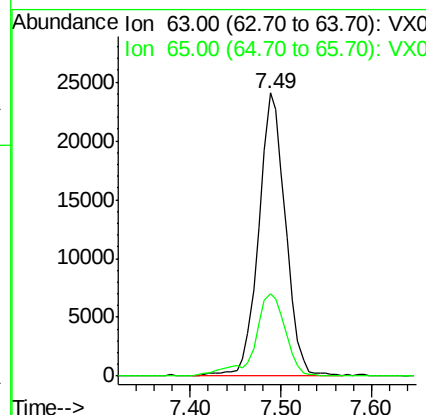
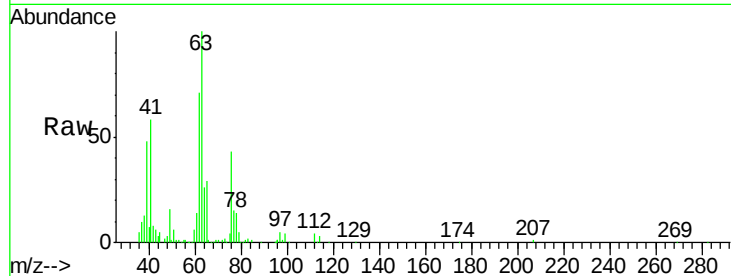
#39
 1,2-Dichloropropane
 Concen: 18.760 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016959.D
 Acq: 25 Jun 2020 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	63	Ratio	63	Resp	Lower	Upper
49285	100					
	65	29.0		22.8	34.2	

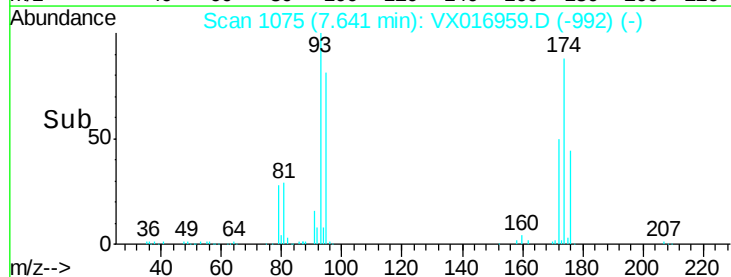
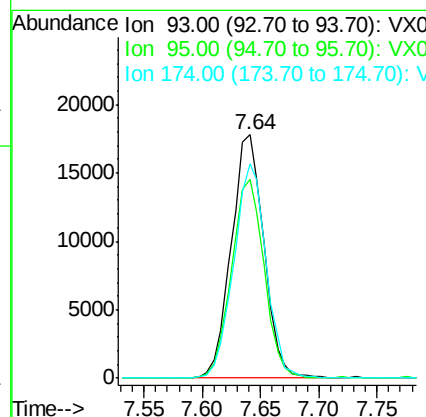
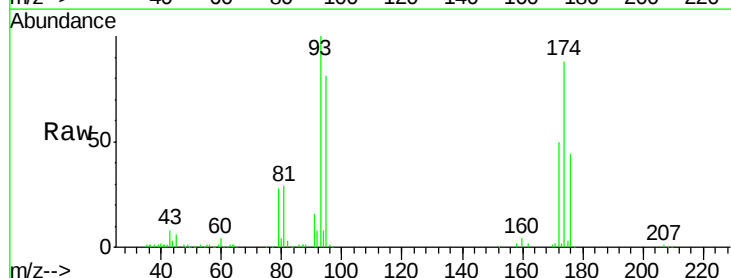
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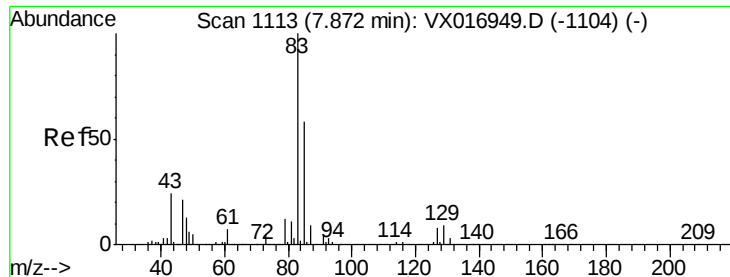
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#40
 Dibromomethane
 Concen: 19.174 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.01 min
 Lab File: VX016959.D
 Acq: 25 Jun 2020 17:21

Tgt Ion	93	Ratio	Lower	Upper
34717	100			
	95	81.7	0.0	165.4
	174	87.4	0.0	192.0





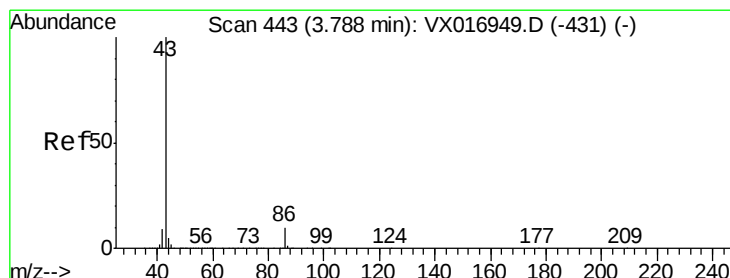
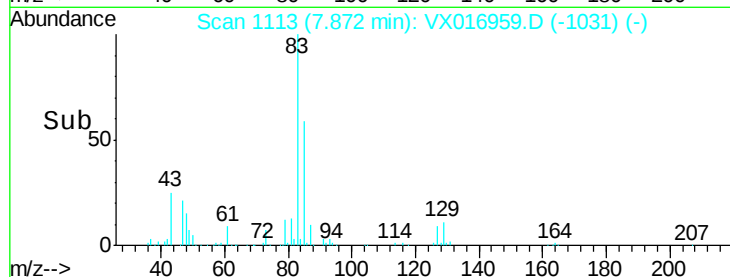
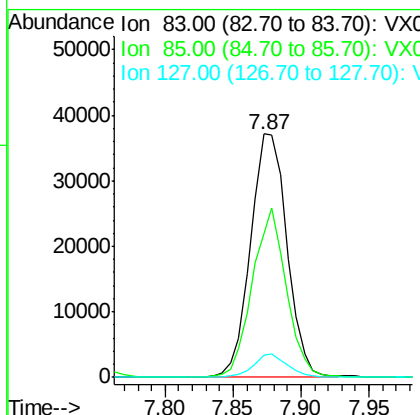
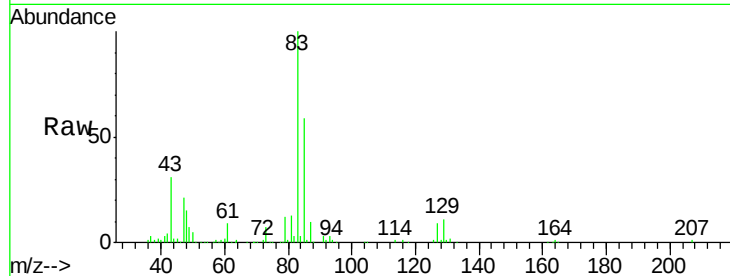
#41
Bromodichloromethane
Concen: 18.577 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	83	Resp	69650
Ion Ratio	Lower	Upper	
83	100		
85	58.8	46.7	70.1
127	8.9	6.5	9.7

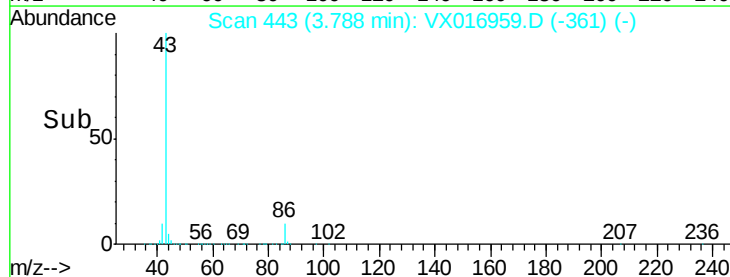
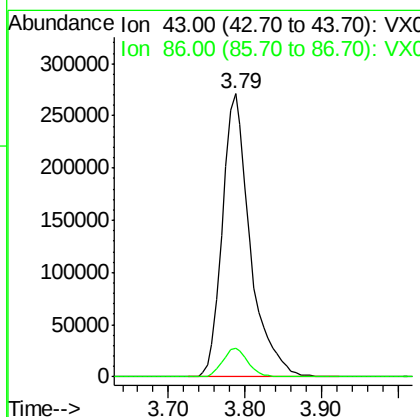
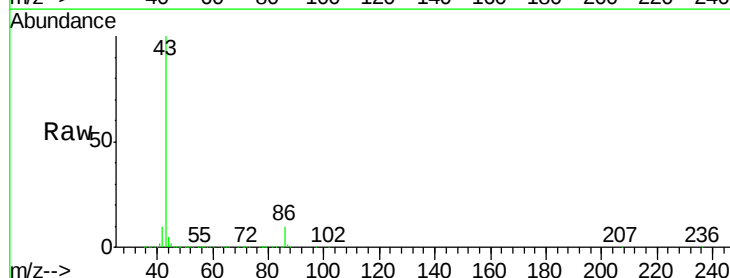
Manual Integrations
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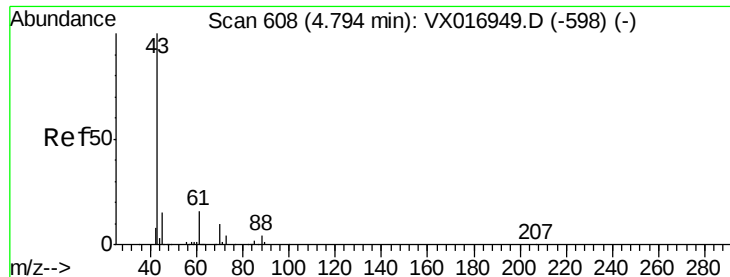
MMDadoda
6/26/2020 3:34:28 PM



#42
Vinyl Acetate
Concen: 93.586 ug/l
RT: 3.79 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Tgt Ion	43	Resp	680783
Ion Ratio	Lower	Upper	
43	100		
86	9.3	7.4	11.2





#43

Ethyl Acetate

Concen: 18.740 ug/l

RT: 4.80 min Scan# 609

Delta R.T. 0.01 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 43 Resp: 70073

Ion Ratio Lower Upper

43 100

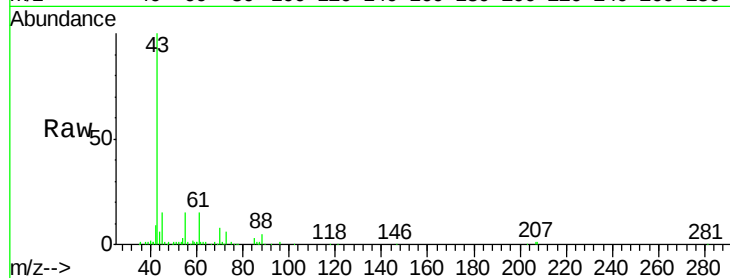
45 14.4 11.8 17.6

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

25000

20000

15000

10000

5000

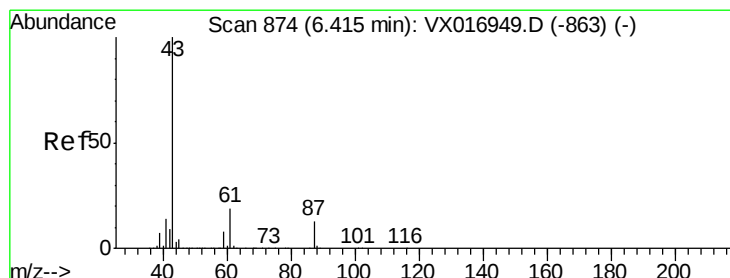
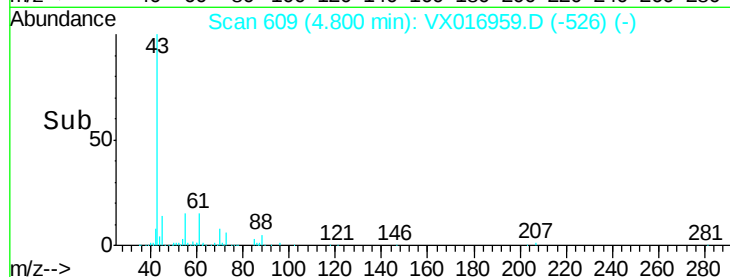
0

4.70

4.80

4.90

Time-->



#44

Isopropyl Acetate

Concen: 18.445 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016959.D

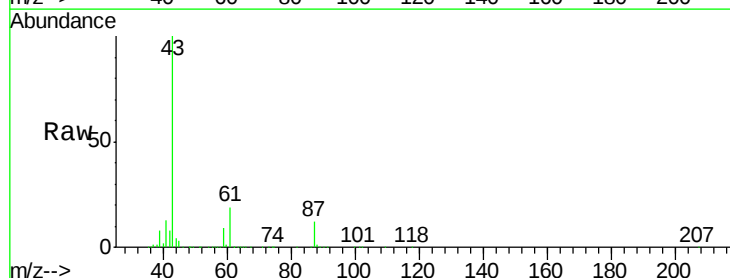
Acq: 25 Jun 2020 17:21

Tgt Ion: 43 Resp: 113685

Ion Ratio Lower Upper

43 100

61 19.6 15.4 23.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

50000

40000

30000

20000

10000

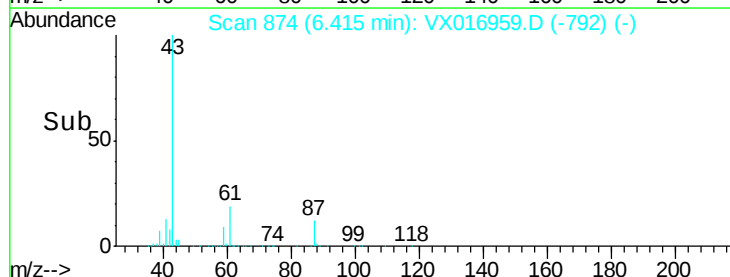
0

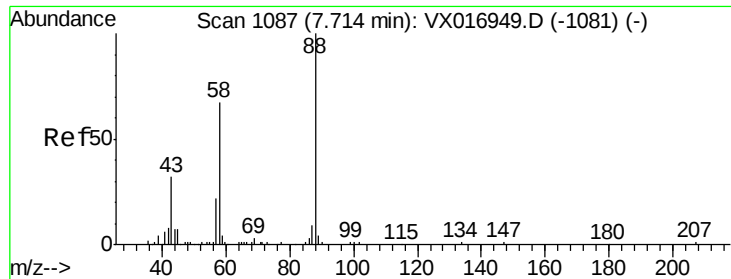
6.30

6.40

6.50

Time-->





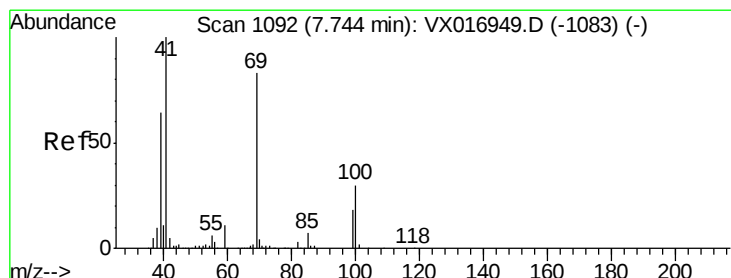
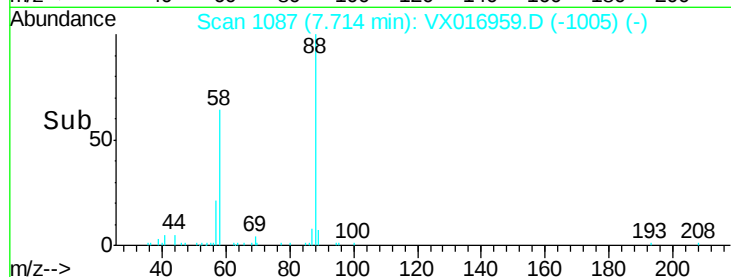
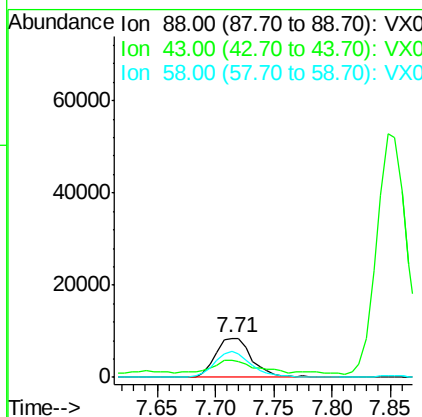
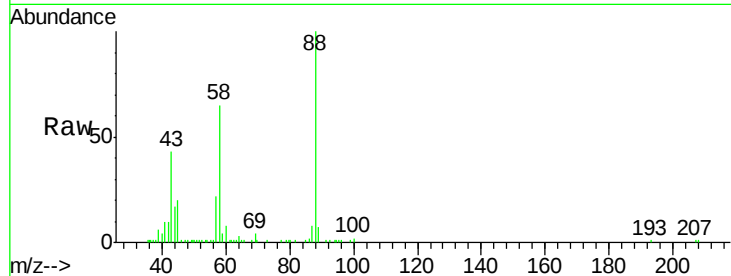
#45
 1,4-Dioxane
 Concen: 294.685 ug/l
 RT: 7.71 min Scan# 1087
 Delta R.T. -0.00 min
 Lab File: VX016959.D
 Acq: 25 Jun 2020 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.9	28.9	43.3
58	65.9	56.7	85.1

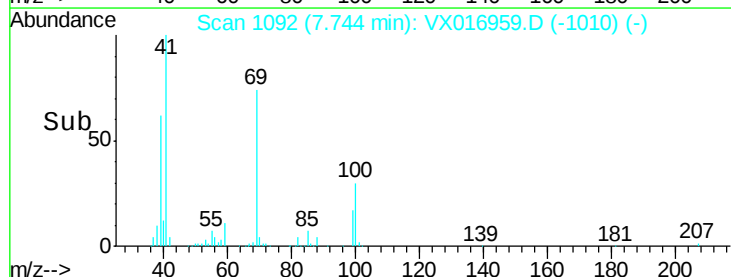
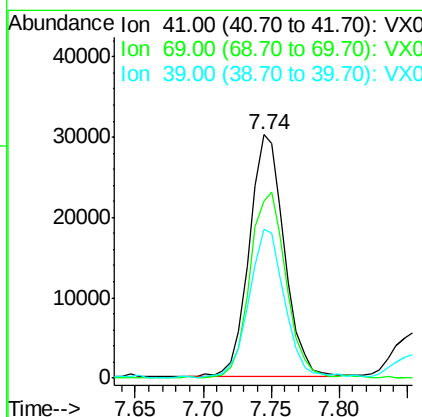
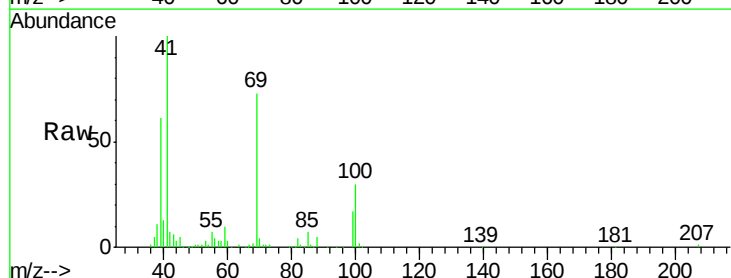
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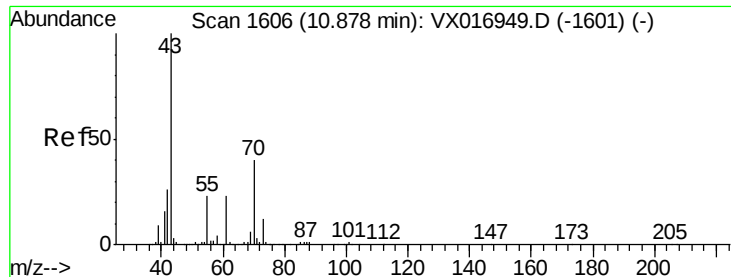
MMDadoda
 6/26/2020 3:34:28 PM



#46
 Methyl methacrylate
 Concen: 19.043 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: VX016959.D
 Acq: 25 Jun 2020 17:21

Tgt Ion	Ratio	Lower	Upper
41	100		
69	72.9	41.3	123.9
39	61.2	32.0	96.2





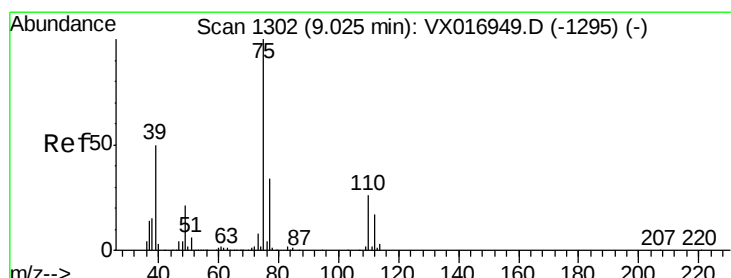
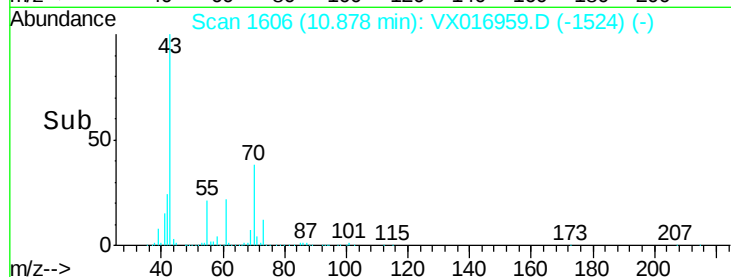
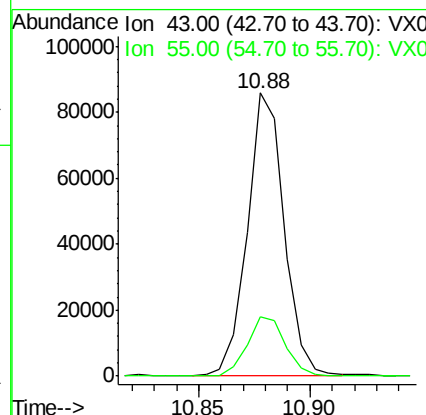
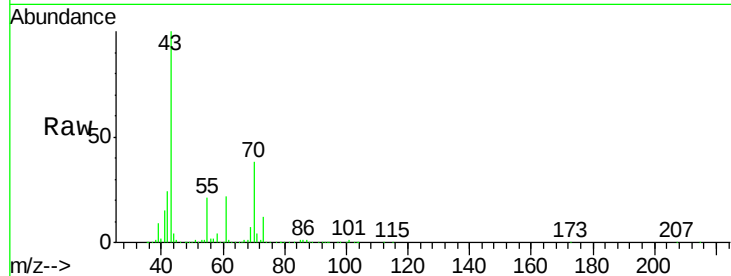
#47
n-amvl Acetate
Concen: 18.002 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 43 Resp: 98070
Ion Ratio Lower Upper
43 100
55 21.9 18.6 27.8

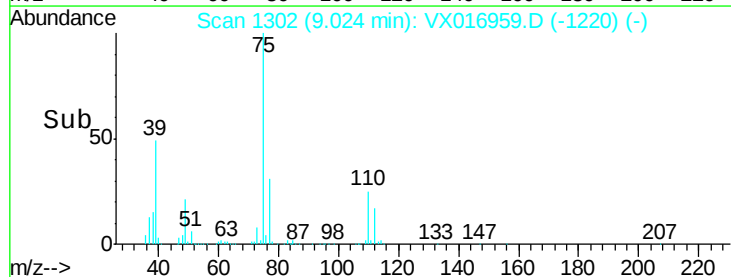
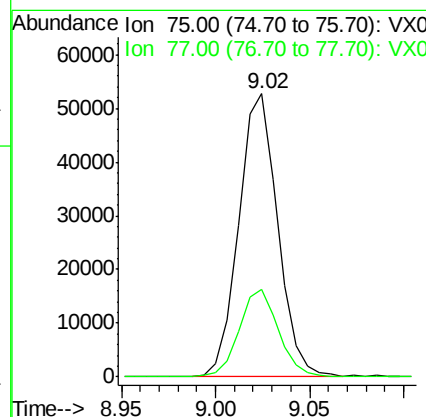
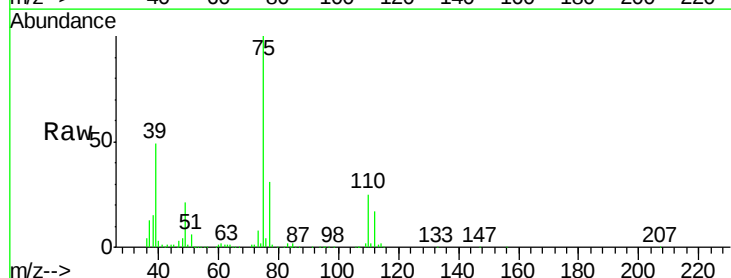
Manual Integrations
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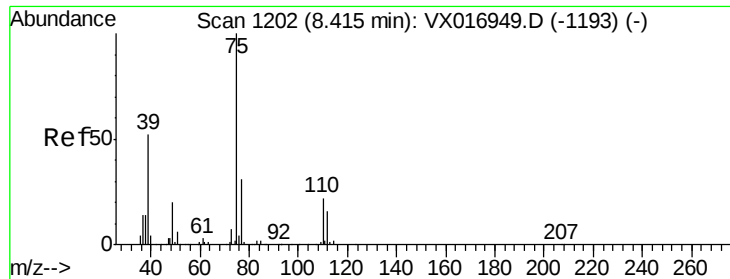
MMDadoda
6/26/2020 3:34:28 PM



#48
t-1,3-Dichloropropene
Concen: 18.187 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Tgt Ion: 75 Resp: 75395
Ion Ratio Lower Upper
75 100
77 30.9 27.0 40.4





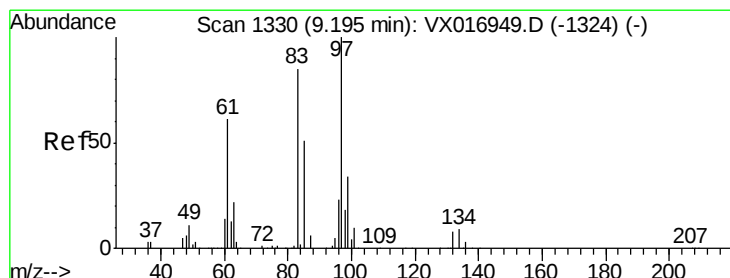
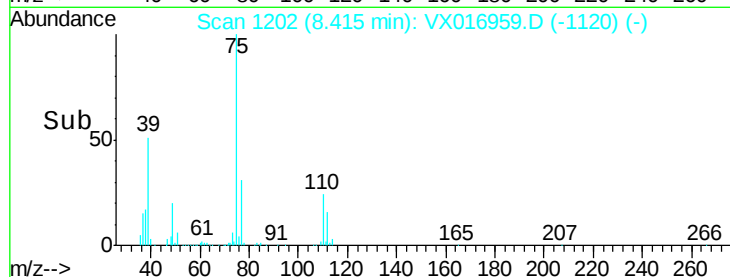
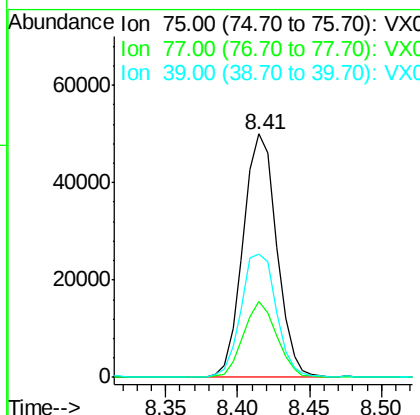
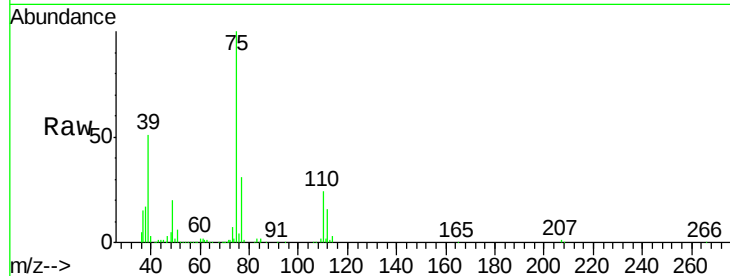
#49
 cis-1,3-Dichloropropene
 Concen: 18.635 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX016959.D
 Acq: 25 Jun 2020 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.8	37.2
39	50.7	41.8	62.6

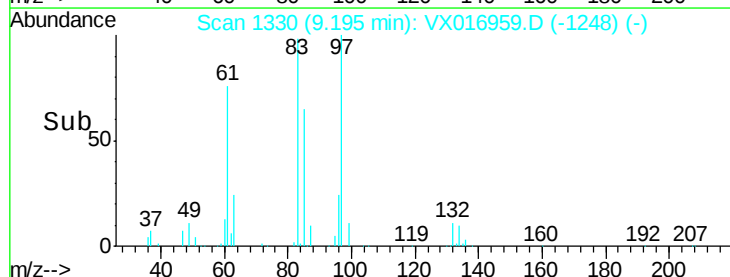
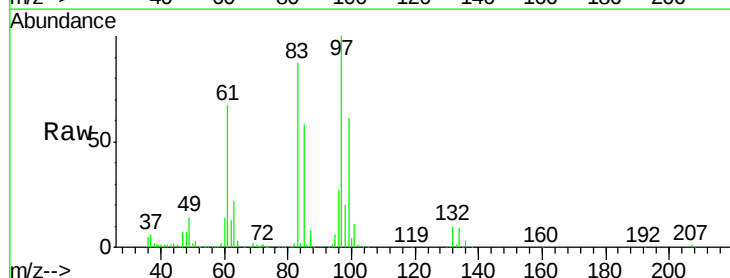
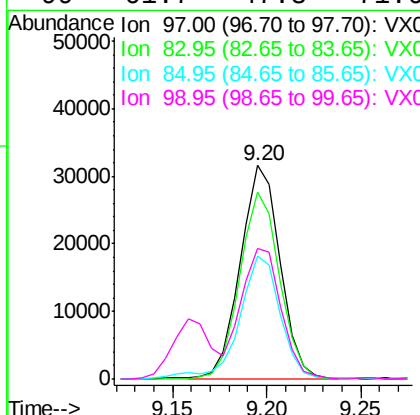
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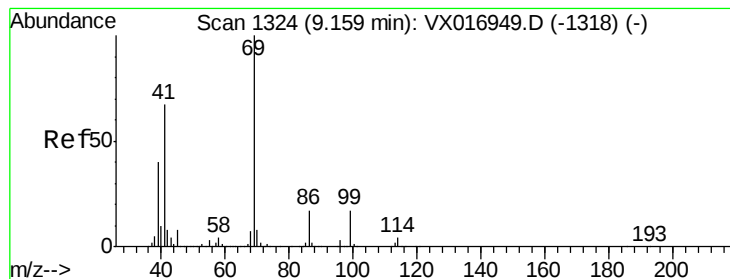
MMDadoda
 6/26/2020 3:34:28 PM



#50
 1,1,2-Trichloroethane
 Concen: 18.329 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016959.D
 Acq: 25 Jun 2020 17:21

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.5	67.4	101.0
85	57.3	42.9	64.3
99	61.7	47.8	71.6





#51

Ethyl methacrylate

Concen: 18.330 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

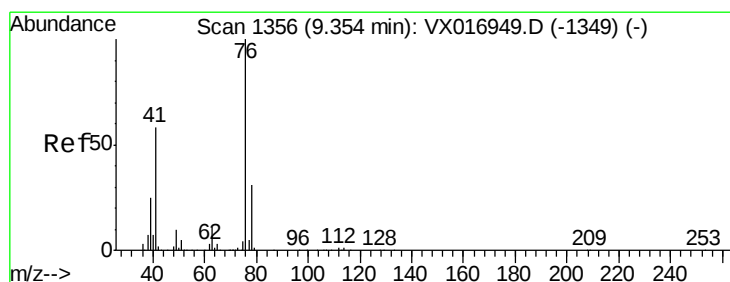
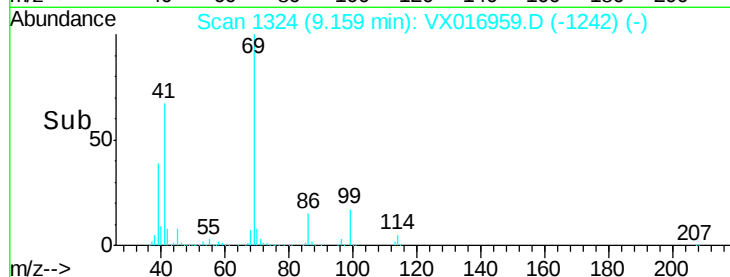
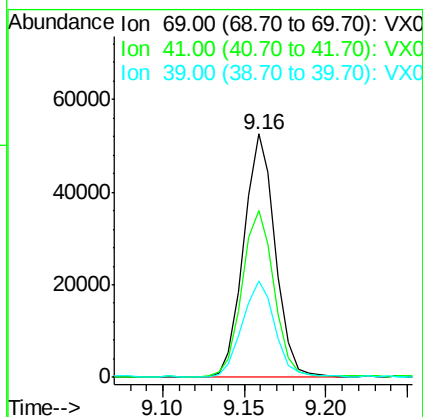
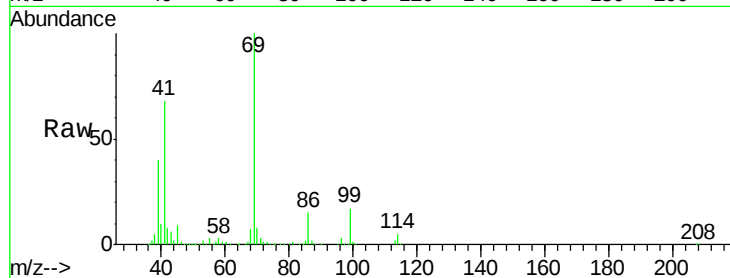
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	71083
Ion	Ratio	Lower	Upper
69	100		
41	68.0	33.7	101.1
39	39.3	19.9	59.7

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 18.870 ug/l

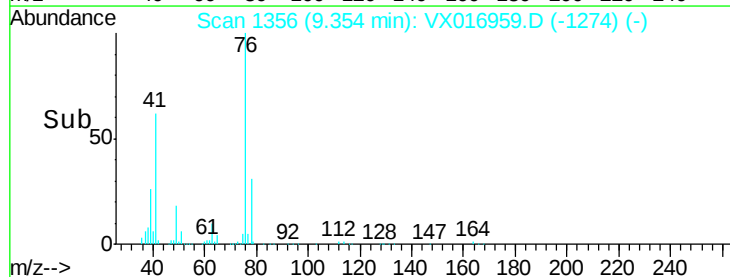
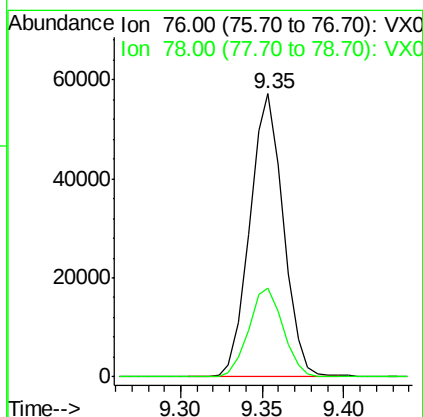
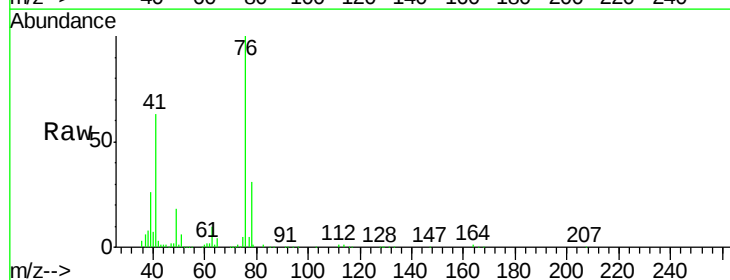
RT: 9.35 min Scan# 1356

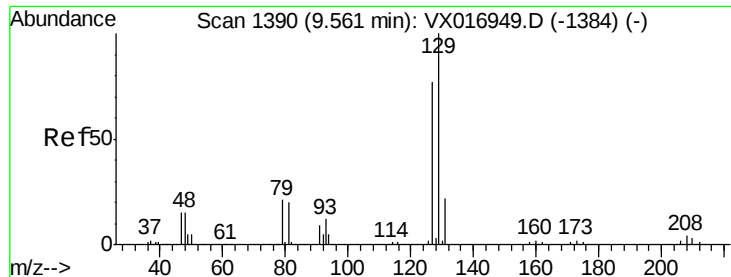
Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Tgt Ion:	76	Resp:	81866
Ion	Ratio	Lower	Upper
76	100		
78	32.2	0.0	62.4





#53

Dibromochloromethane

Concen: 18.330 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:129 Resp: 53239

Ion Ratio Lower Upper

129 100

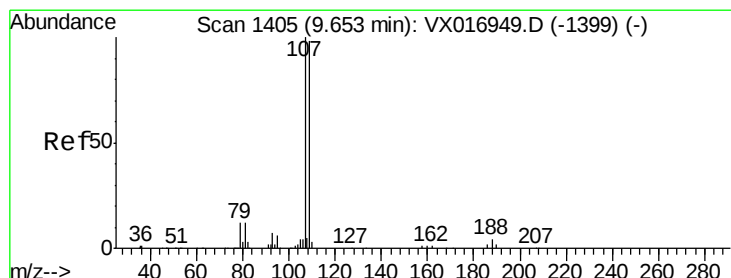
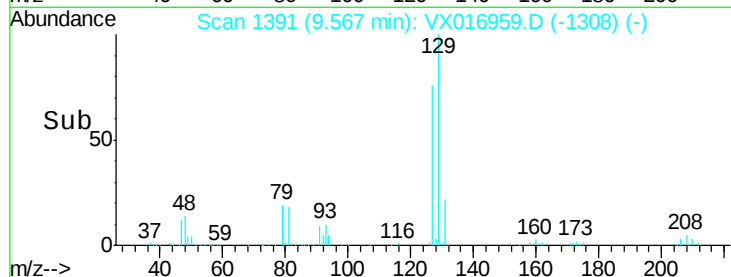
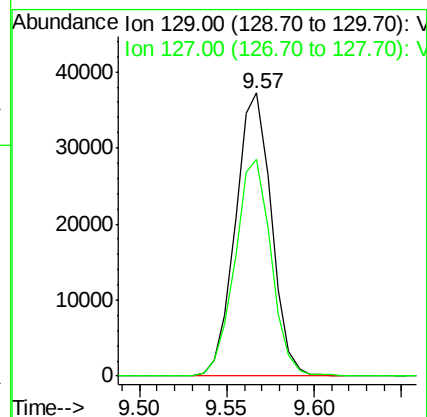
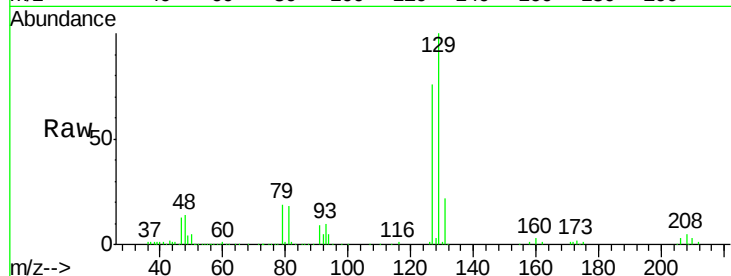
127 76.8 38.7 116.1

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#54

1,2-Dibromoethane

Concen: 18.530 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016959.D

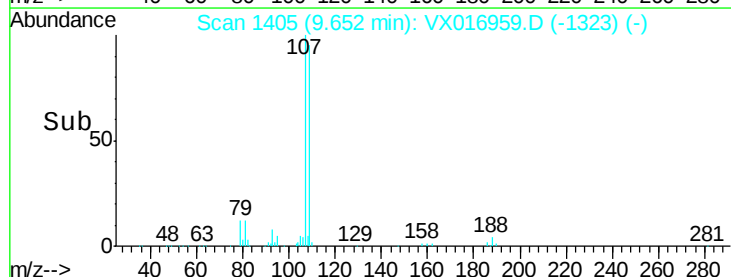
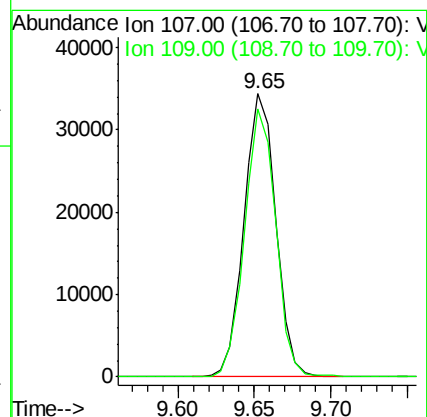
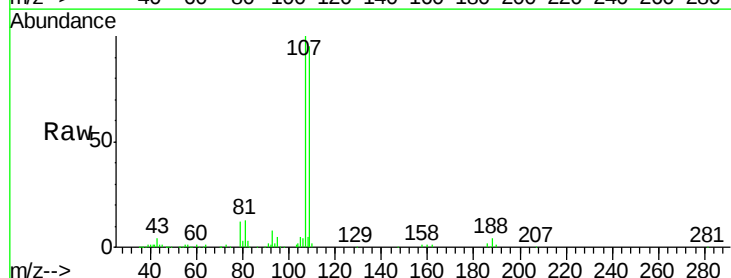
Acq: 25 Jun 2020 17:21

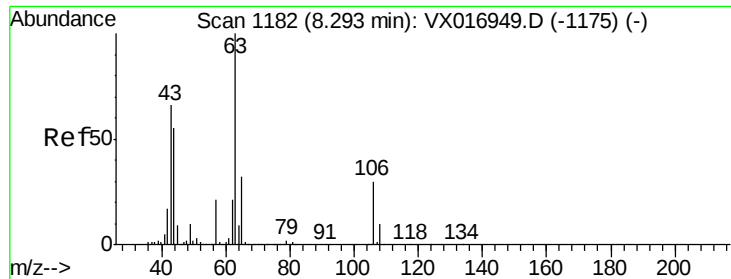
Tgt Ion:107 Resp: 49686

Ion Ratio Lower Upper

107 100

109 92.3 75.0 112.6





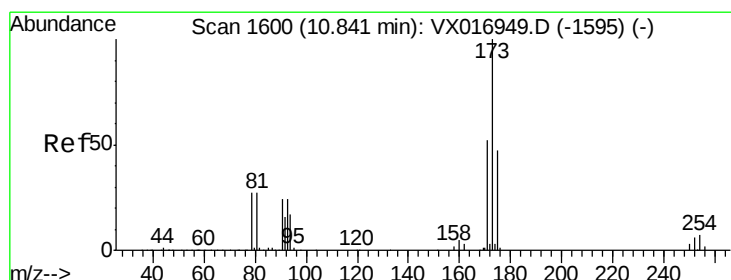
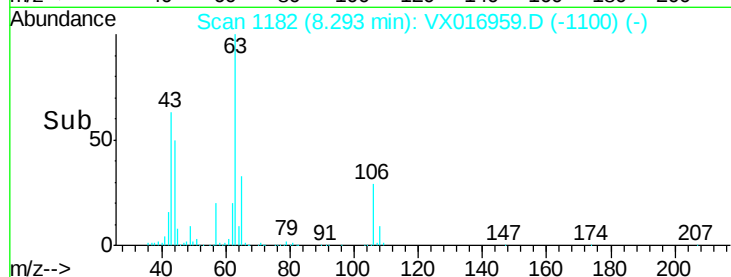
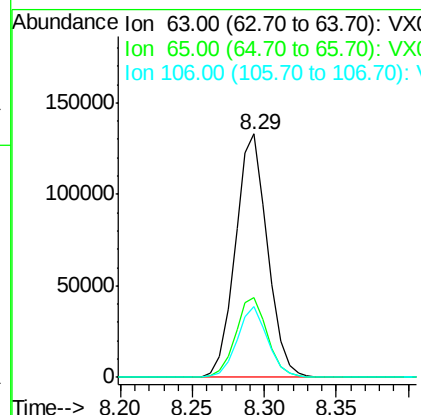
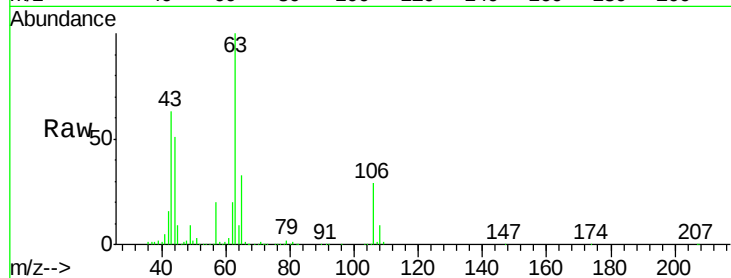
#55
 2-Chloroethyl vinyl ether
 Concen: 100.687 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. -0.00 min
 Lab File: VX016959.D
 Acq: 25 Jun 2020 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.4	25.9	38.9
106	27.9	22.6	33.8

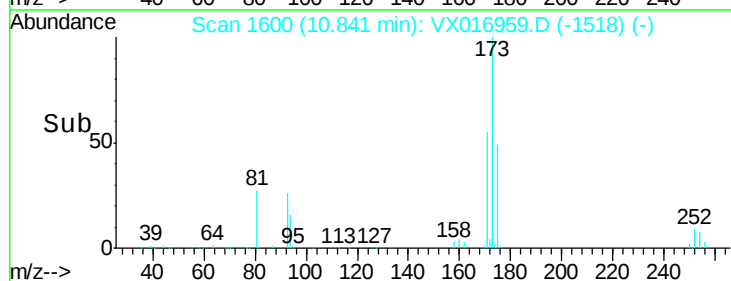
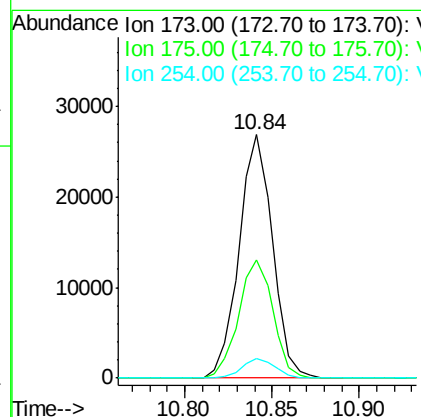
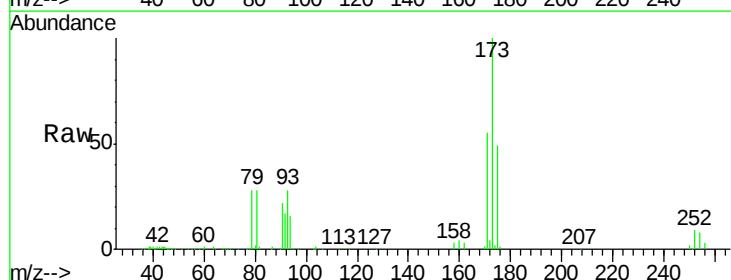
Manual Integrations
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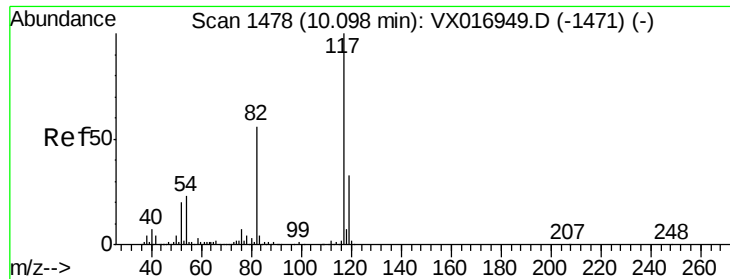
MMDadoda
 6/26/2020 3:34:28 PM



#56
 Bromoform
 Concen: 17.352 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VX016959.D
 Acq: 25 Jun 2020 17:21

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.7	38.7	58.1
254	7.9	5.8	8.6





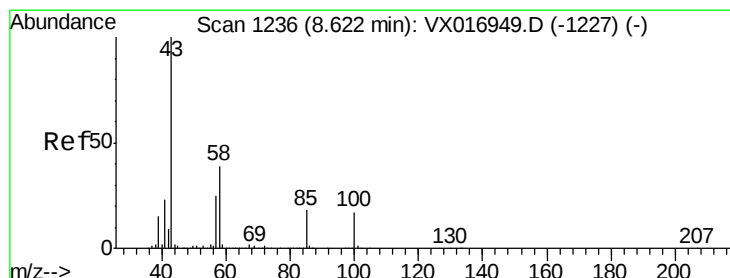
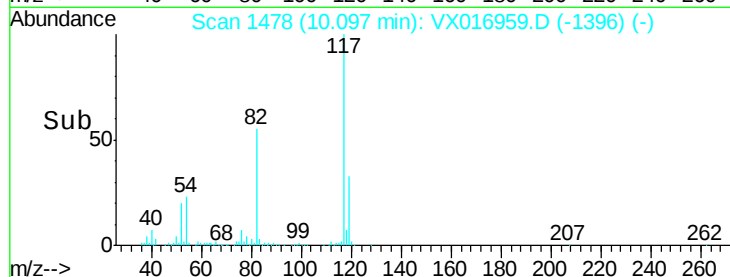
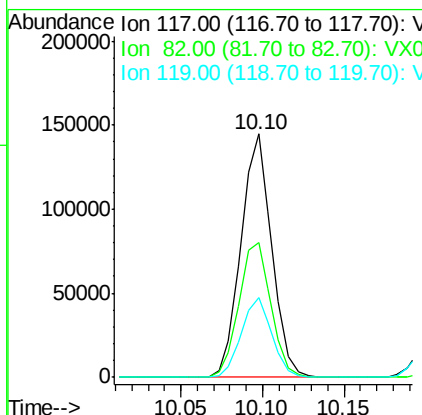
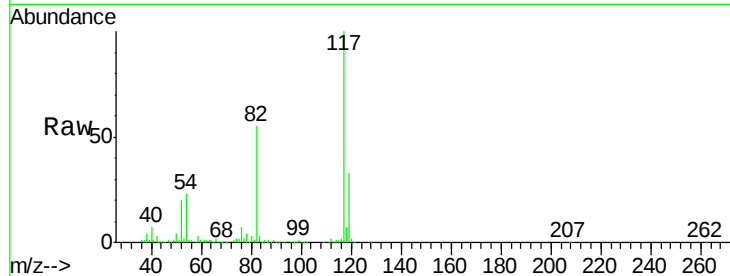
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	190179		
82	57.3	44.9	67.3	
119	32.7	25.8	38.8	

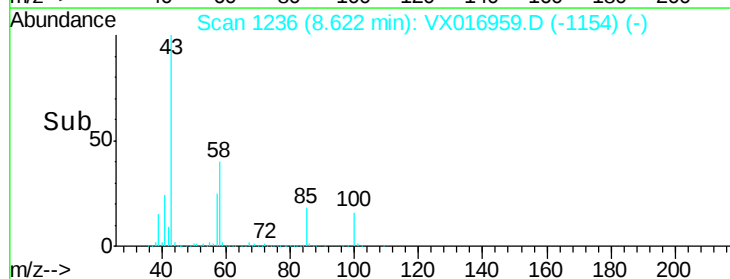
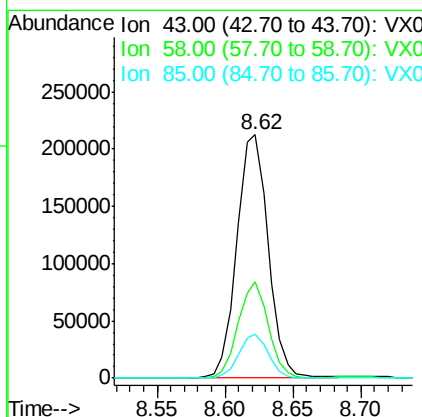
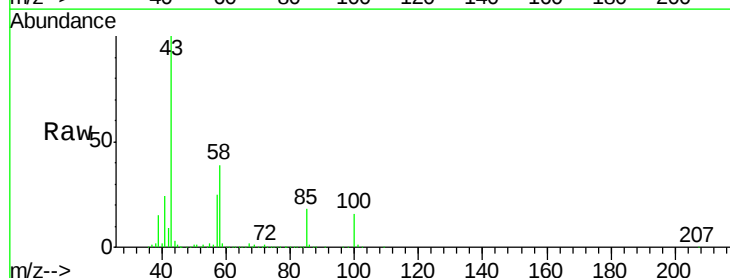
Manual Integrations
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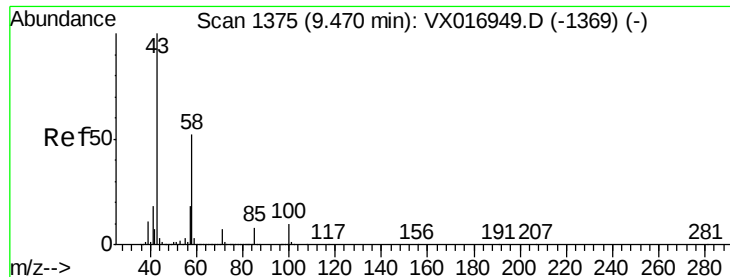
MMDadoda
6/26/2020 3:34:28 PM



#58
4-Methyl-2-Pentanone
Concen: 96.790 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	339068		
58	38.3	30.4	45.6	
85	17.3	13.5	20.3	





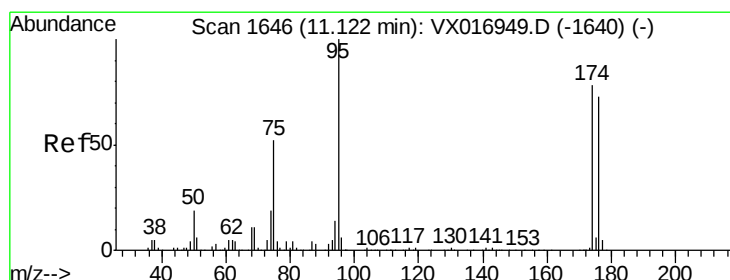
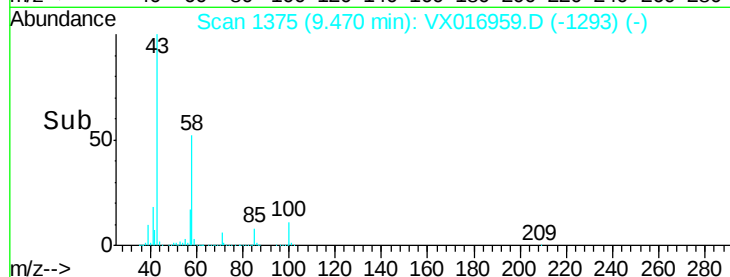
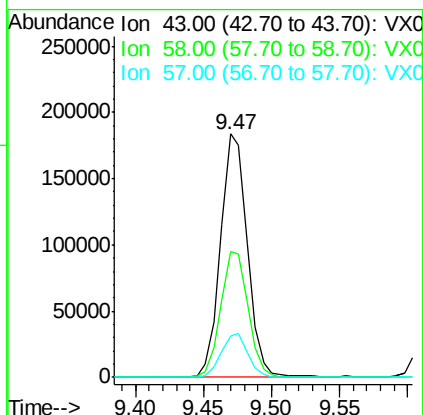
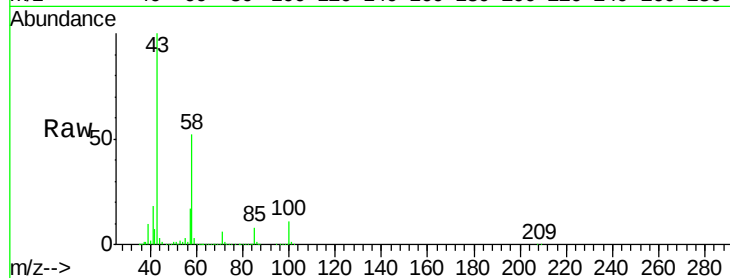
#59
2-Hexanone
Concen: 95.402 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.4	42.3	63.5
57	18.2	14.1	21.1

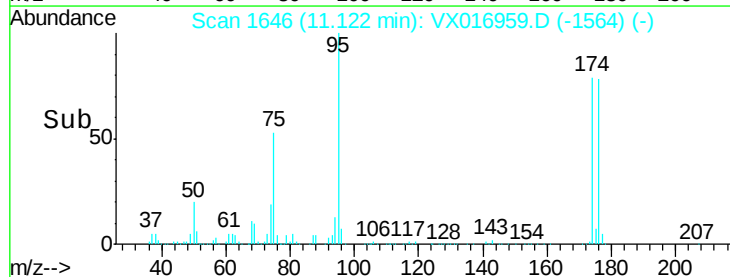
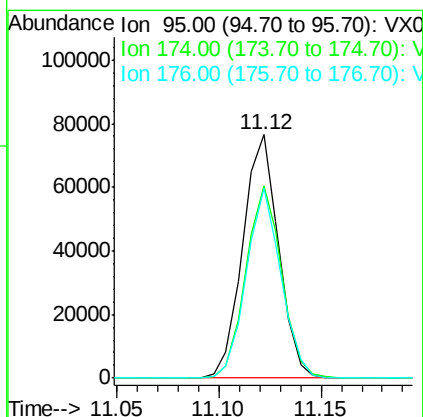
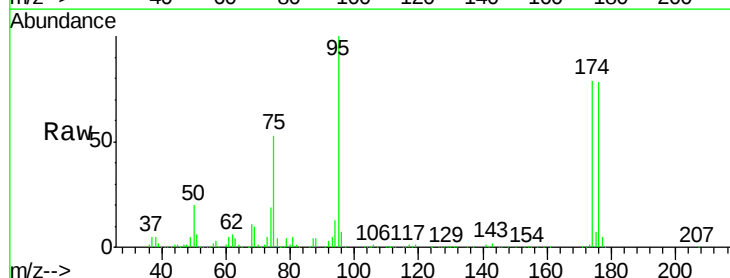
Manual Integrations
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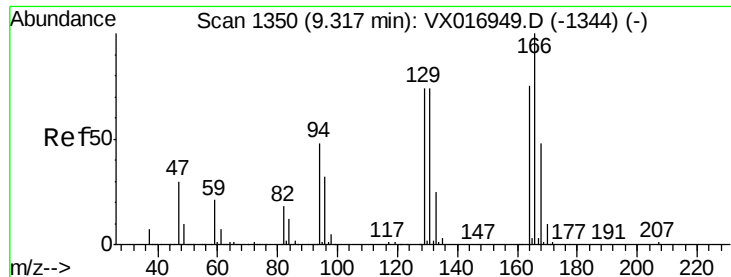
MMDadoda
6/26/2020 3:34:28 PM



#60
4-Bromofluorobenzene
Concen: 29.353 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Tgt Ion	Ratio	Lower	Upper
95	100		
174	79.1	62.2	93.4
176	75.8	58.9	88.3





#61

Tetrachloroethene

Concen: 16.860 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 40891

Ion Ratio Lower Upper

164 100

166 123.5 106.3 159.5

129 92.8 78.9 118.3

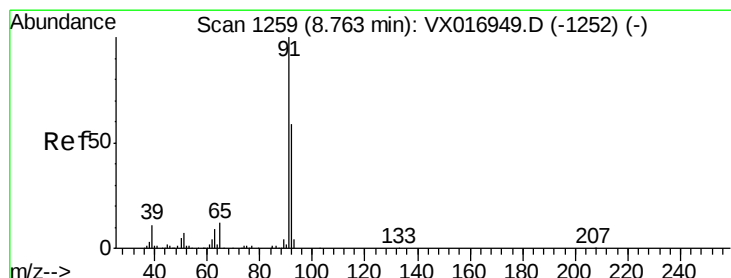
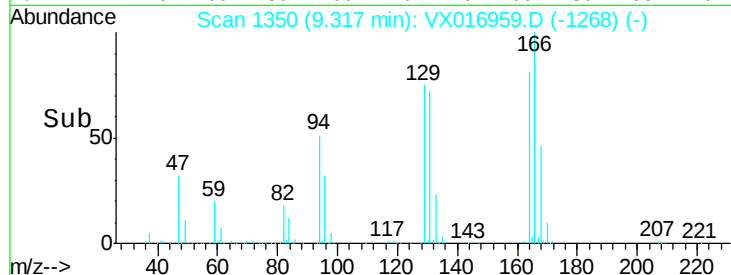
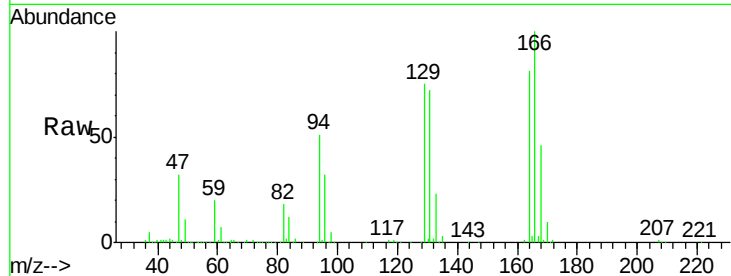
131 89.2 78.2 117.4

Manual Integrations

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#62

Toluene

Concen: 19.333 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX016959.D

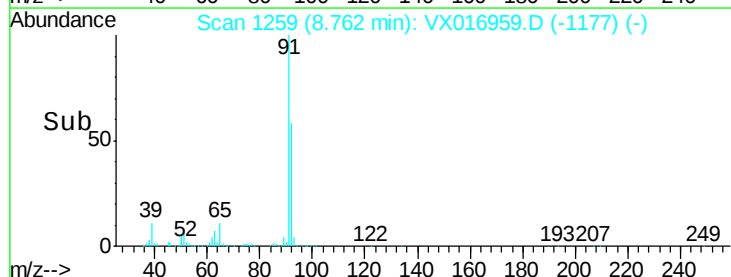
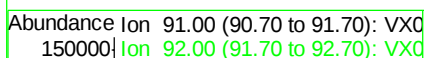
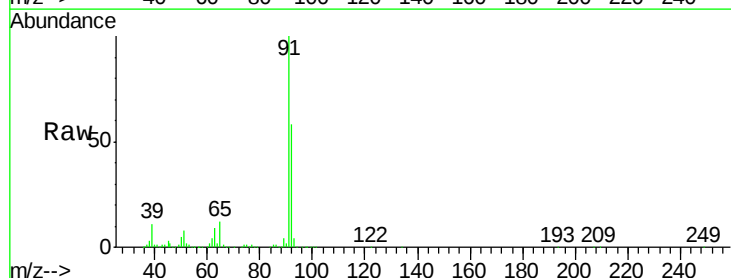
Acq: 25 Jun 2020 17:21

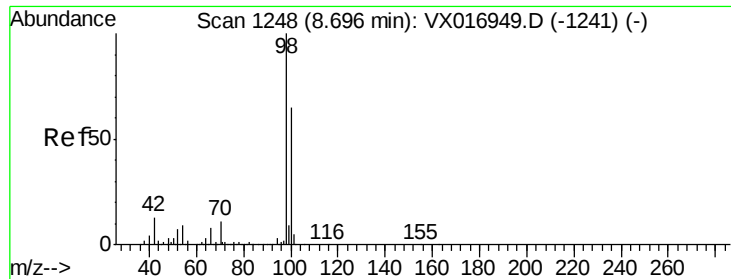
Tgt Ion: 91 Resp: 201097

Ion Ratio Lower Upper

91 100

92 58.7 46.8 70.2





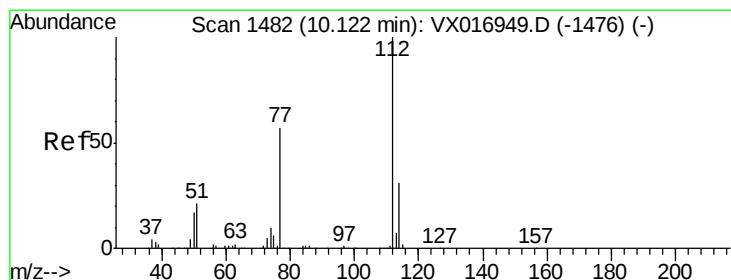
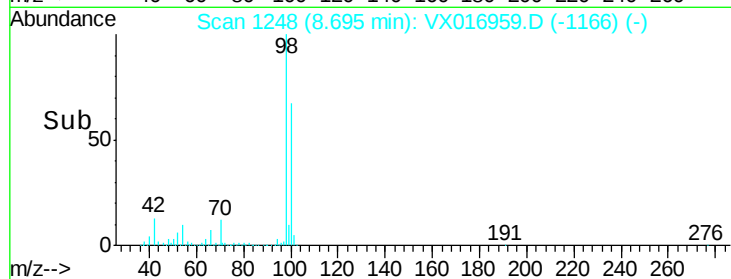
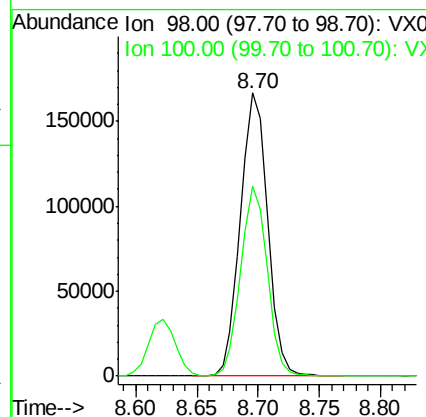
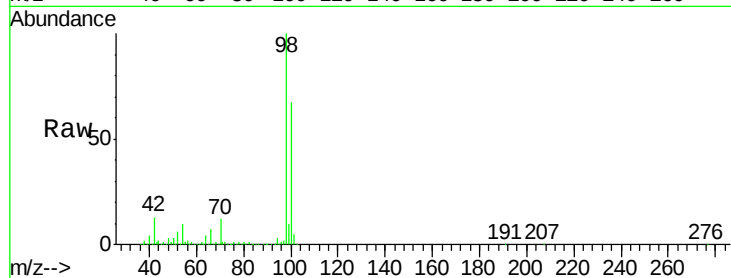
#63
Toluene-d8
Concen: 30.788 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
98	100		
100	65.3	52.3	78.5

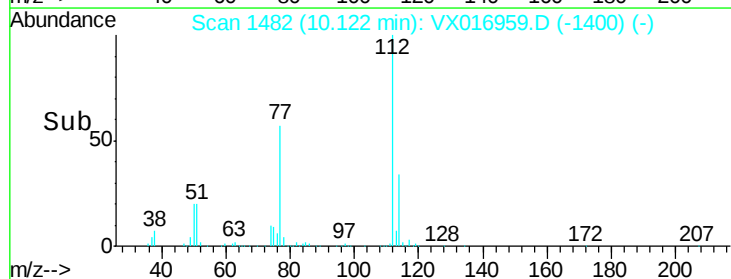
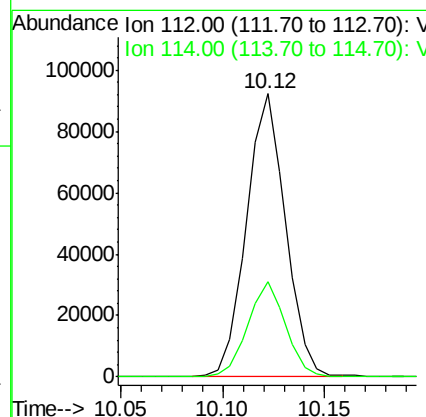
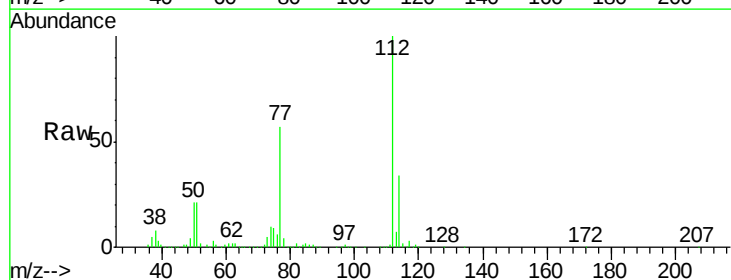
Manual Integrations
APPROVED

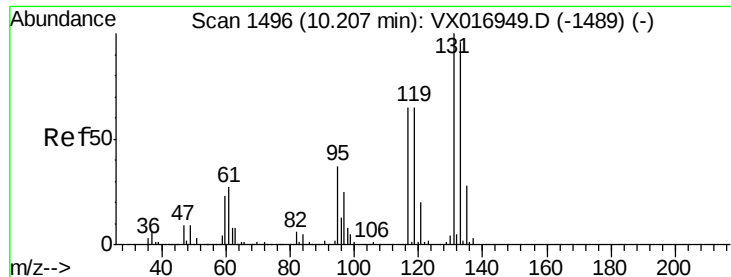
MMDadoda
6/26/2020 3:34:28 PM



#64
Chlorobenzene
Concen: 18.829 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Tgt Ion	Ratio	Lower	Upper
112	100		
114	33.5	24.9	37.3





#65

1,1,1,2-Tetrachloroethane

Concen: 18.977 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

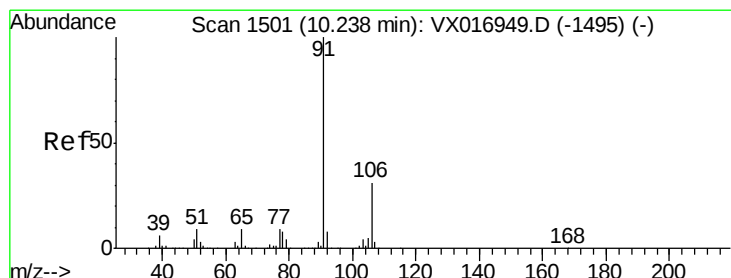
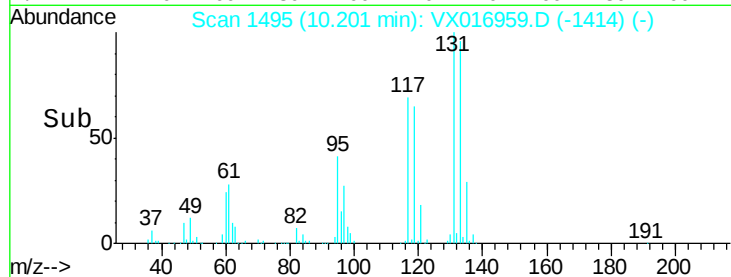
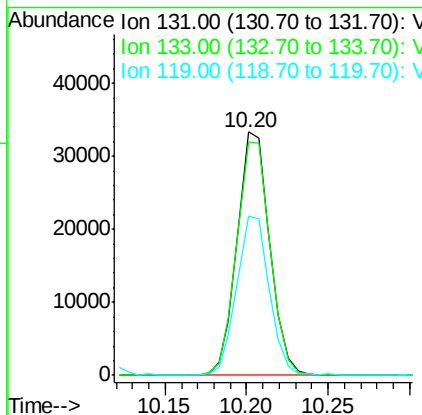
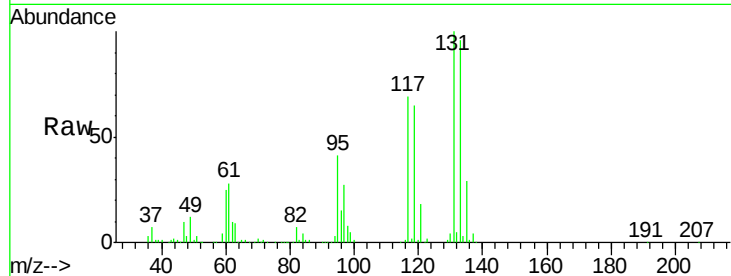
ClientSampleId :

VSTDCCC020EC

Tot Ion:	131	Resp:	46555
Ion	Ratio	Lower	Upper
131	100		
133	98.4	0.0	190.2
119	64.7	0.0	133.2

Manual Integrations
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#66

Ethyl Benzene

Concen: 19.026 ug/l

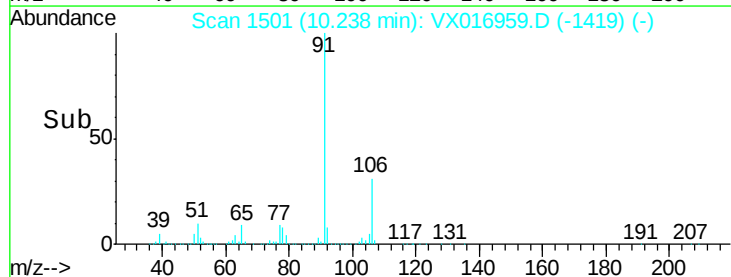
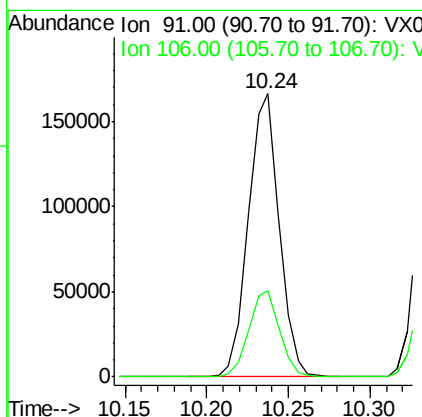
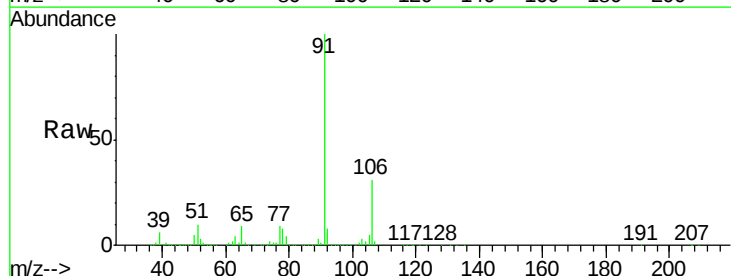
RT: 10.24 min Scan# 1501

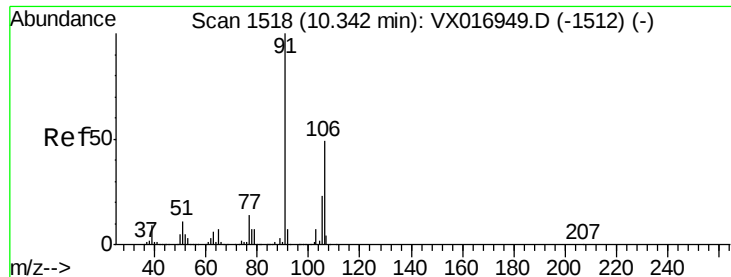
Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Tgt Ion:	91	Resp:	219470
Ion	Ratio	Lower	Upper
91	100		
106	30.7	24.8	37.2





#67

m/p-Xylenes

Concen: 37.868 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:106 Resp: 164782

Ion Ratio Lower Upper

106 100

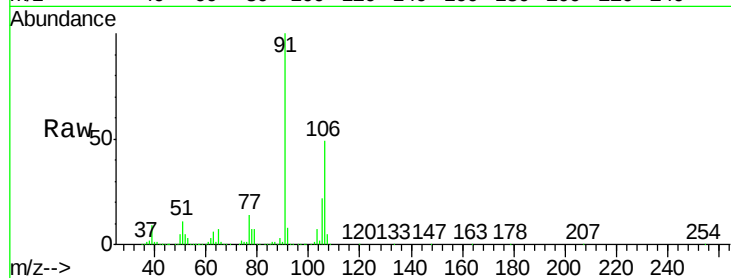
91 203.4 164.5 246.7

Manual Integrations

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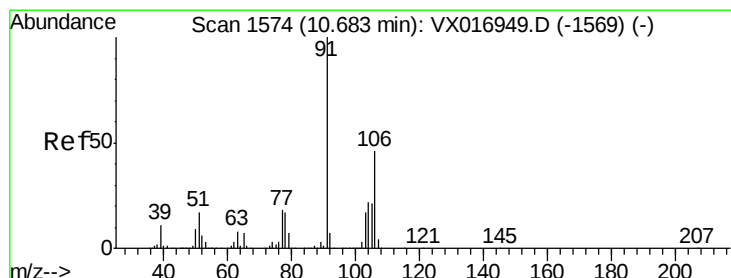
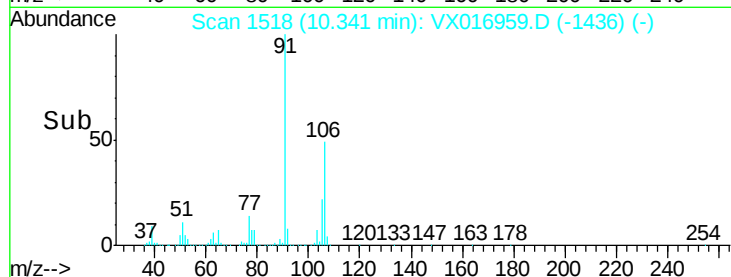
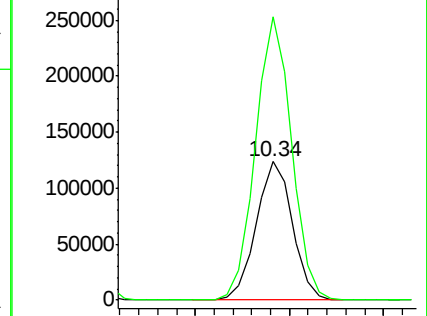
MMDadoda

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 19.093 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX016959.D

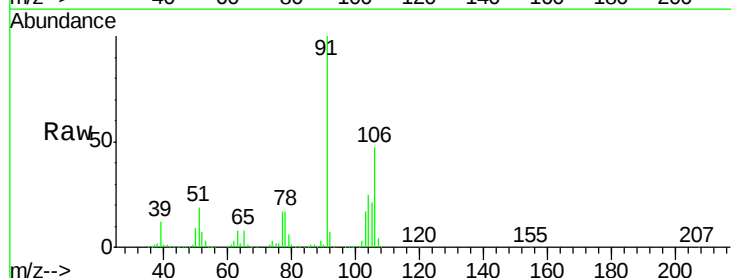
Acq: 25 Jun 2020 17:21

Tgt Ion:106 Resp: 79807

Ion Ratio Lower Upper

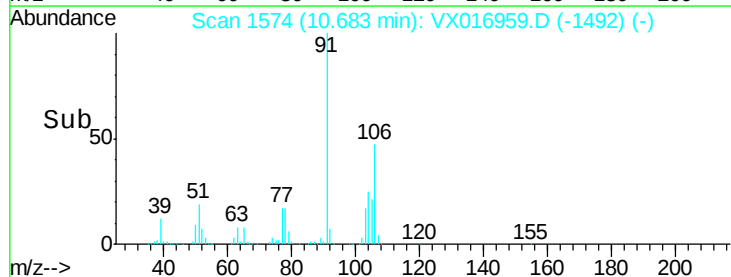
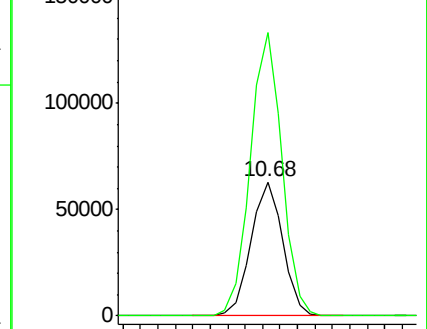
106 100

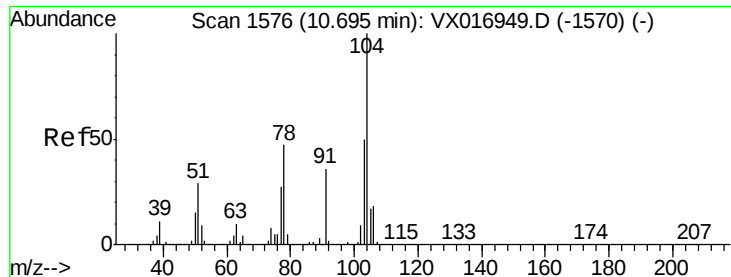
91 209.8 107.3 321.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





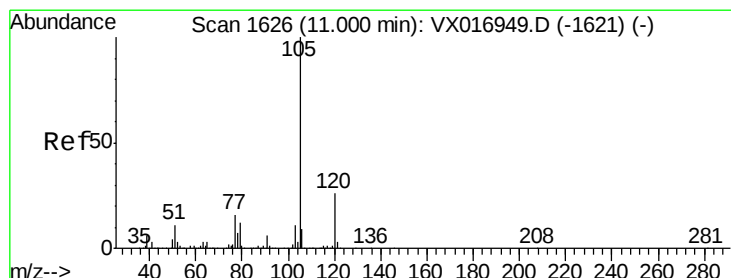
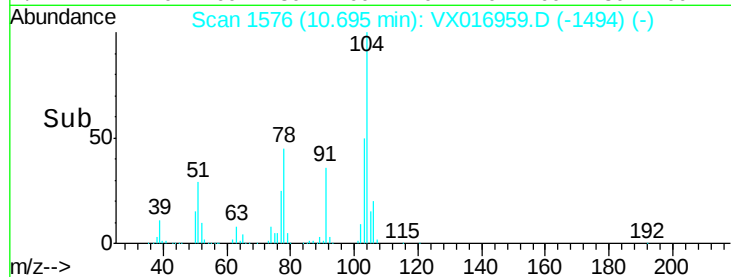
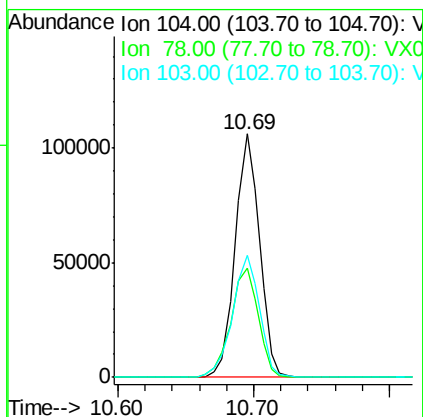
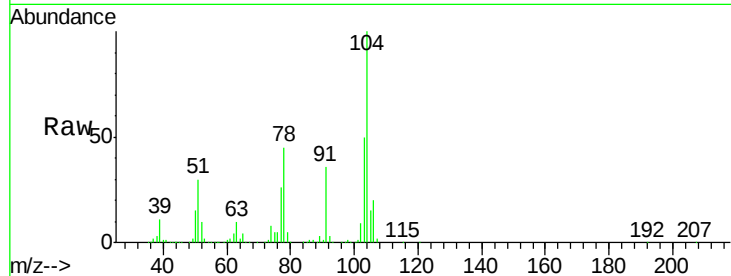
#69
Stvrene
Concen: 18.527 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
104	100	132599		
78	50.7		42.6	64.0
103	55.4		44.1	66.1

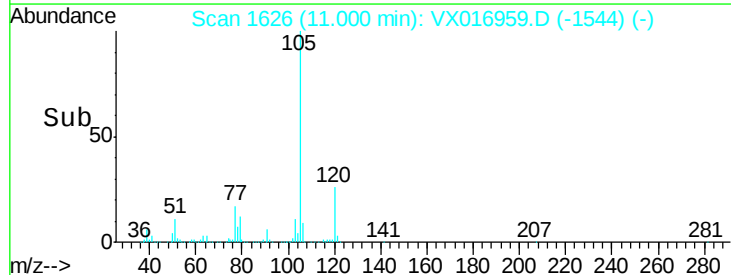
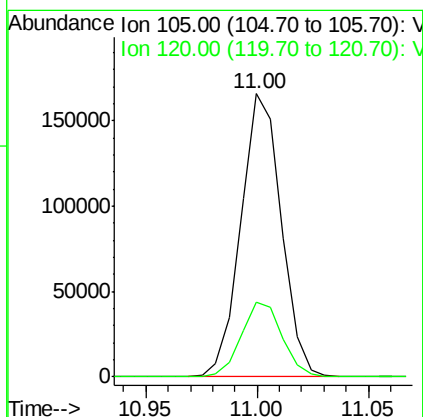
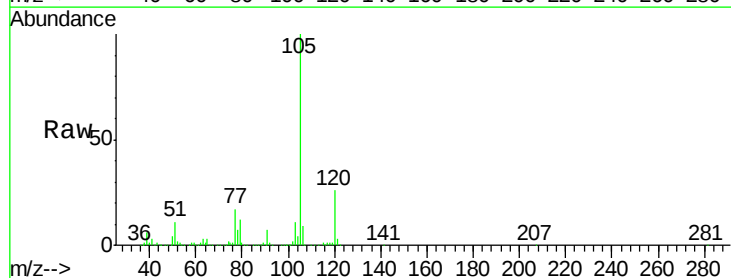
Manual Integrations
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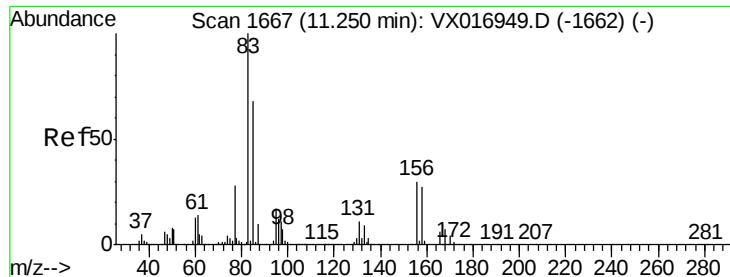
MMDadoda
6/26/2020 3:34:28 PM



#70
Isopropylbenzene
Concen: 18.550 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	210306		
120	26.7		19.0	35.4





#71

1,1,2,2-Tetrachloroethane

Concen: 20.192 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 83 Resp: 70303

Ion Ratio Lower Upper

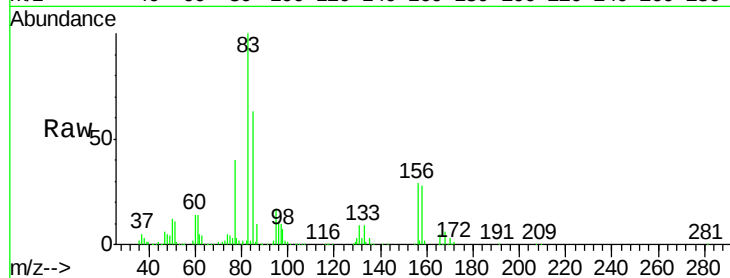
83 100

131 9.8 5.2 15.6

85 65.0 33.1 99.3

Manual Integrations
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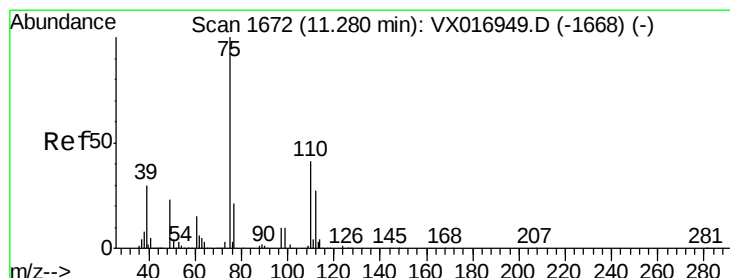
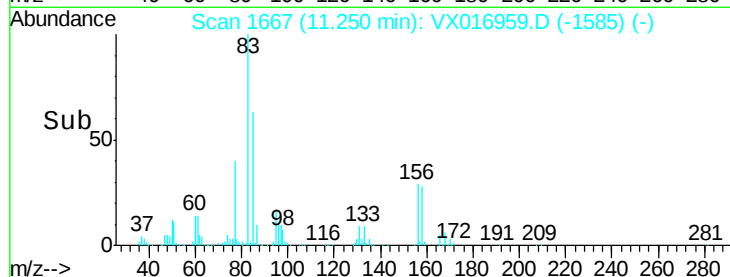
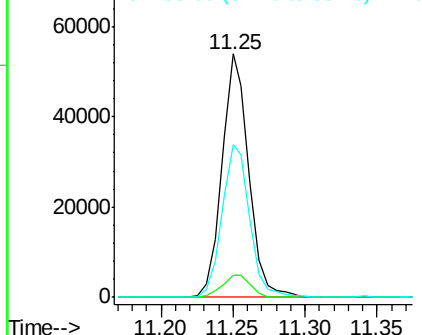
MMDadoda
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Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 19.561 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016959.D

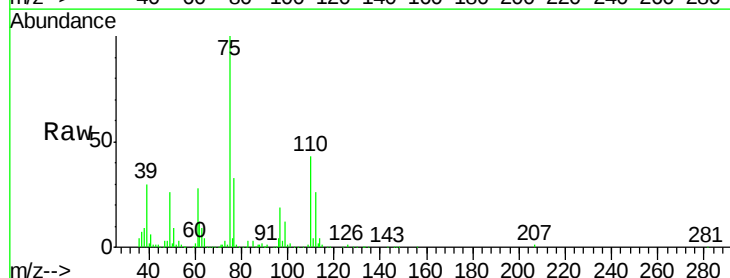
Acq: 25 Jun 2020 17:21

Tgt Ion: 75 Resp: 65406

Ion Ratio Lower Upper

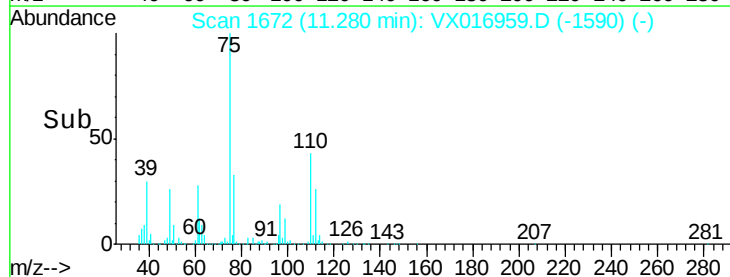
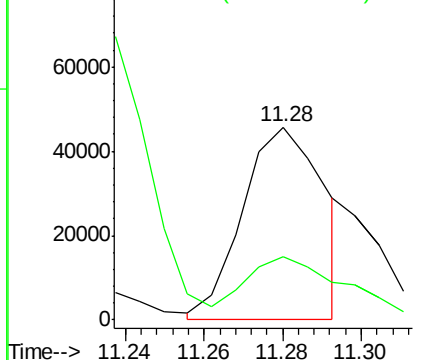
75 100

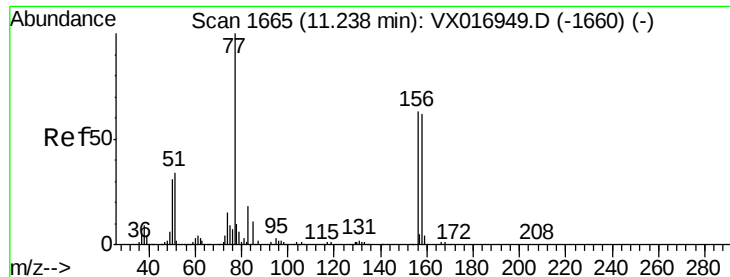
77 37.8 0.0 77.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 18.083 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

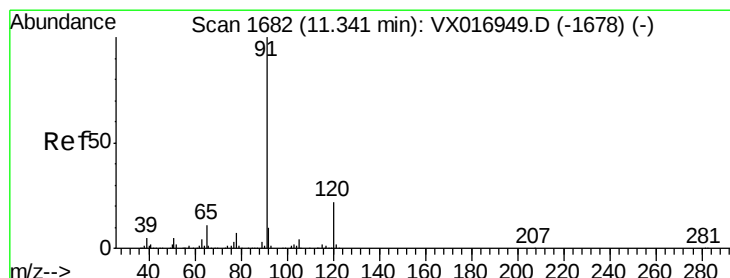
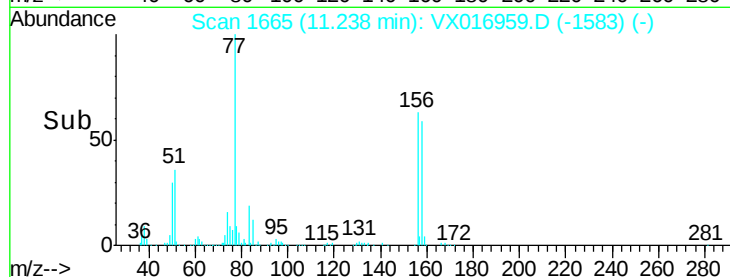
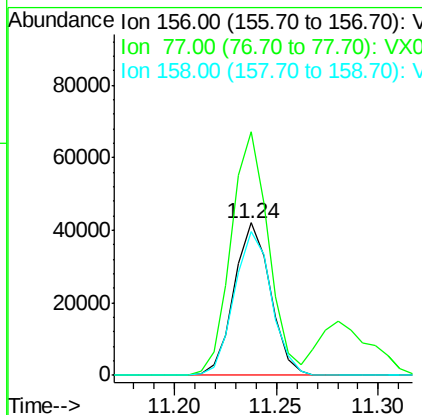
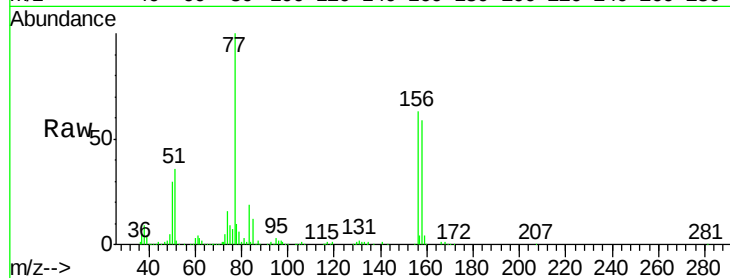
ClientSampleId :

VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	164.3	0.0	317.2
158	96.9	0.0	188.4

Manual Integrations
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#74

n-propylbenzene

Concen: 18.390 ug/l

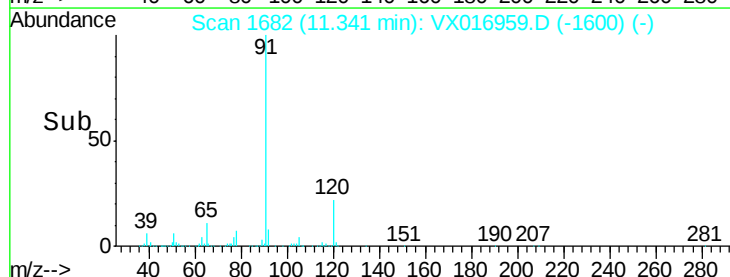
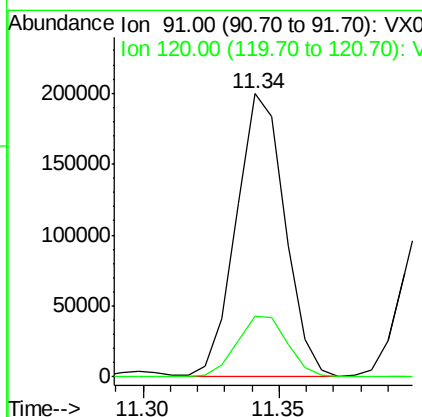
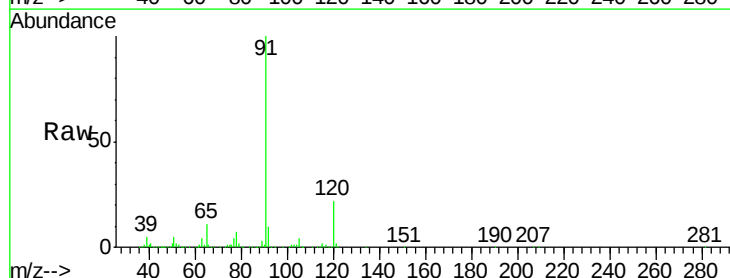
RT: 11.34 min Scan# 1682

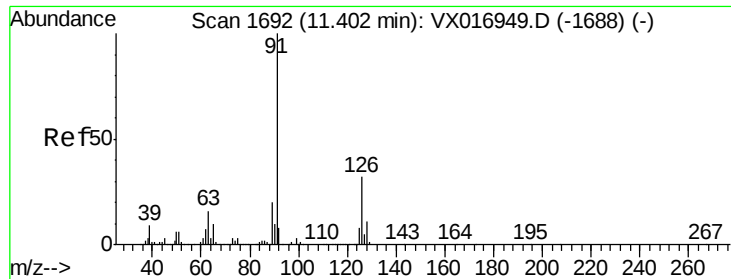
Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	0.0	45.6





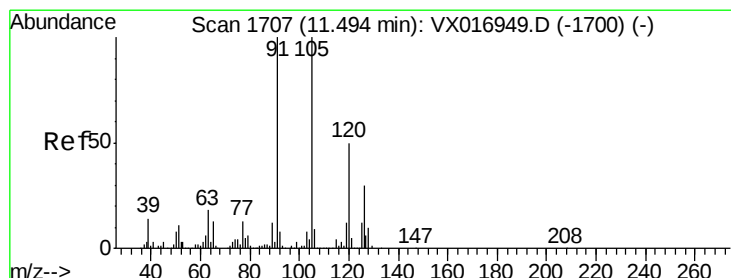
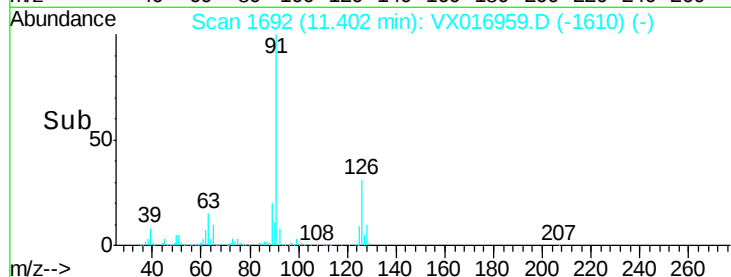
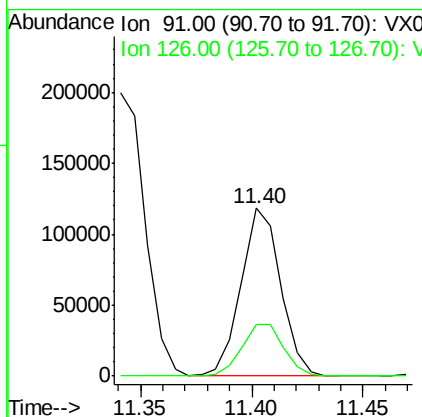
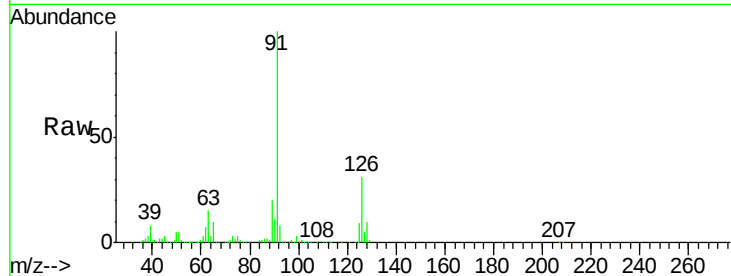
#75
2-Chlorotoluene
Concen: 18.822 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
91	100		
126	32.6	0.0	68.0

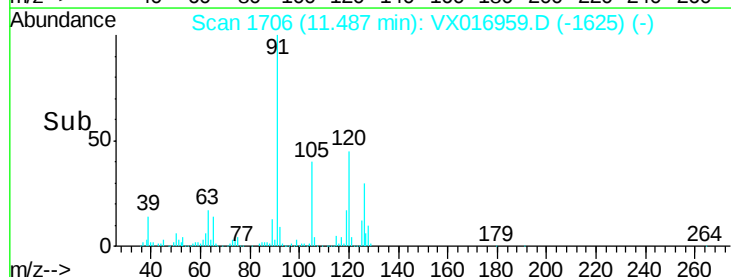
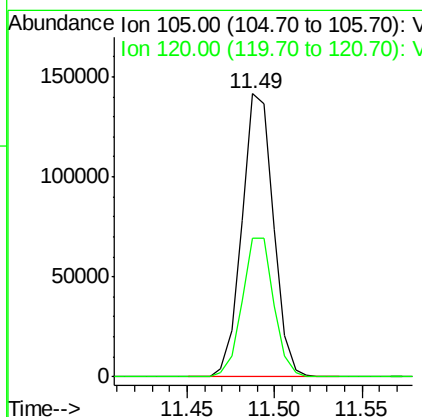
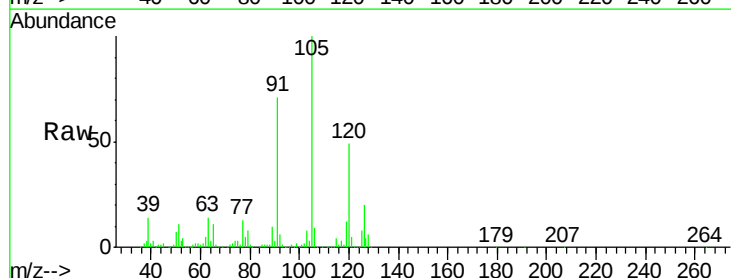
Manual Integrations
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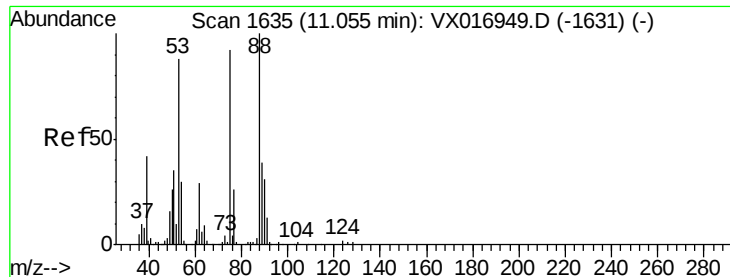
MMDadoda
6/26/2020 3:34:28 PM



#76
1,3,5-Trimethylbenzene
Concen: 18.586 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.01 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.0	0.0	99.4





#77

t-1,4-Dichloro-2-butene

Concen: 18.067 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

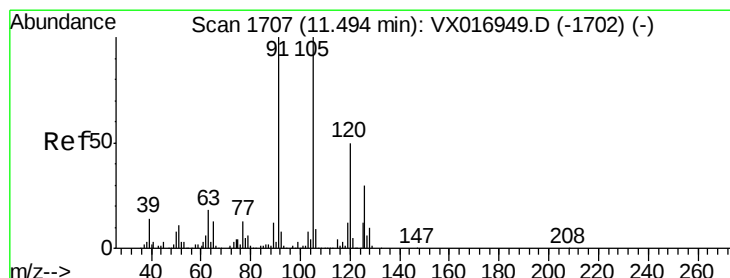
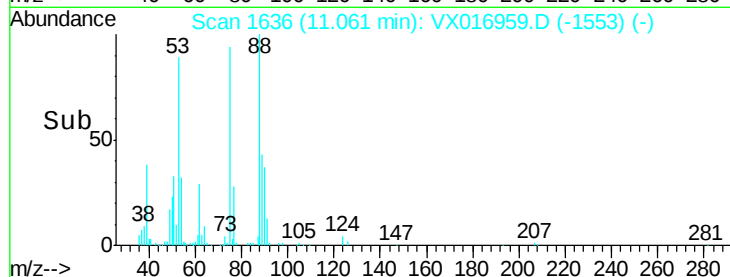
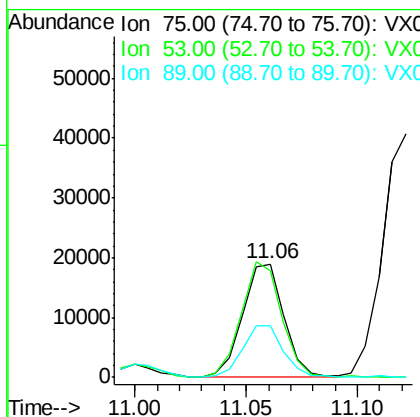
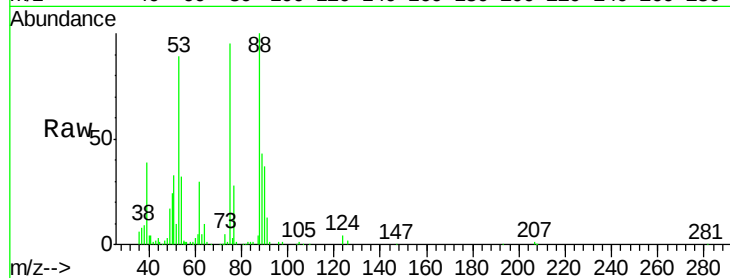
ClientSampled :

VSTDCCC020EC

Tot Ion:	75	Resp:	24482
Ion	Ratio	Lower	Upper
75	100		
53	94.4	47.6	142.9
89	45.9	21.1	63.4

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#78

4-Chlorotoluene

Concen: 18.496 ug/l

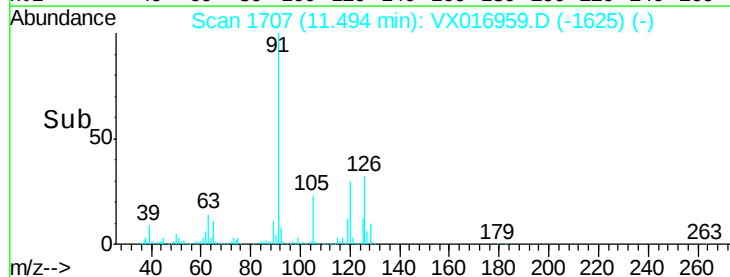
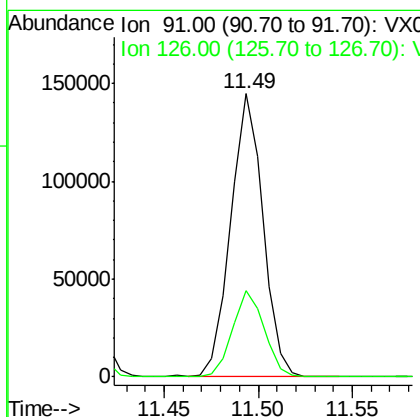
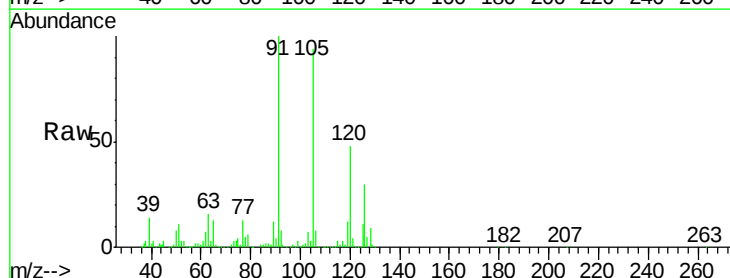
RT: 11.49 min Scan# 1707

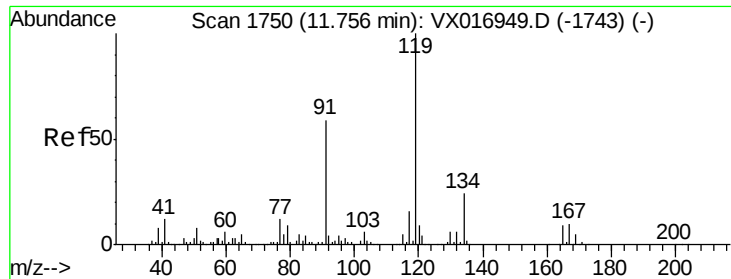
Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Tgt Ion:	91	Resp:	171898
Ion	Ratio	Lower	Upper
91	100		
126	30.0	0.0	60.6





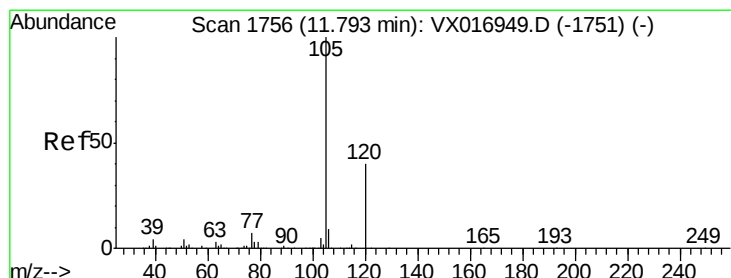
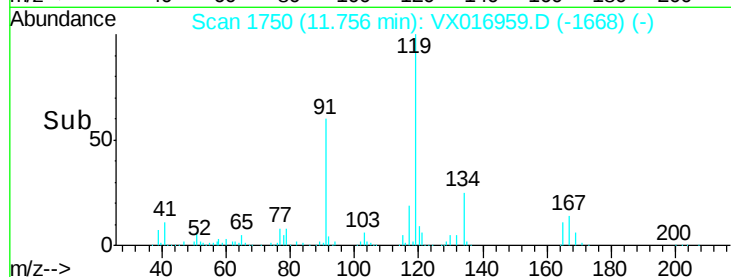
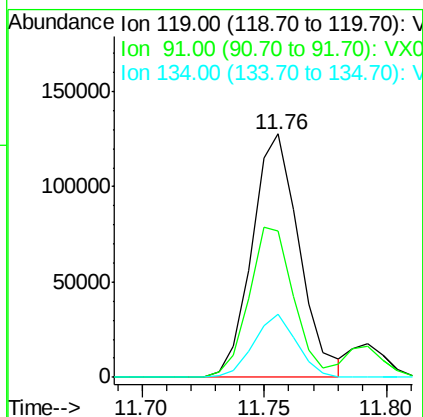
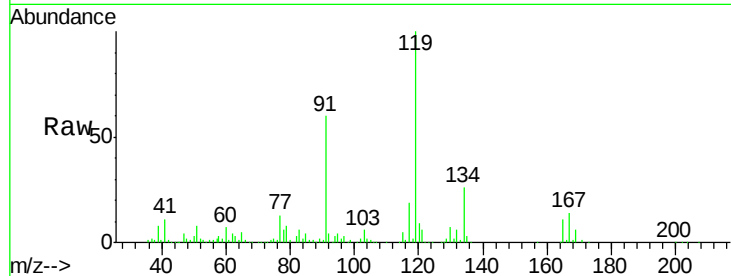
#79
tert-butylbenzene
Concen: 18.735 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	170795		
91	58.3	0.0	115.2	
134	23.6	0.0	45.8	

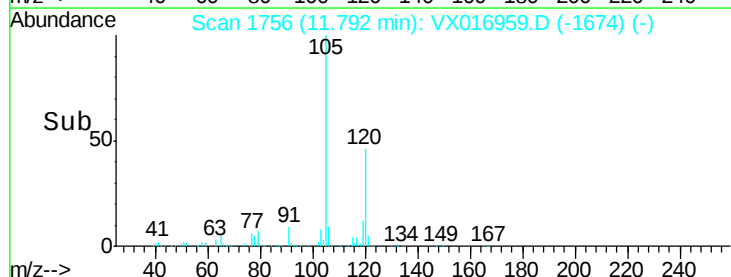
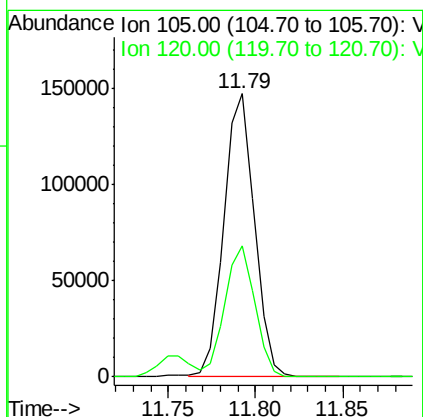
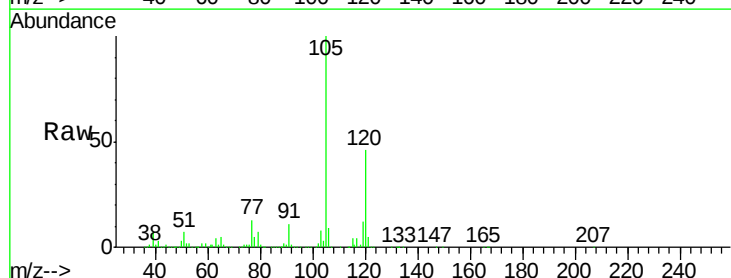
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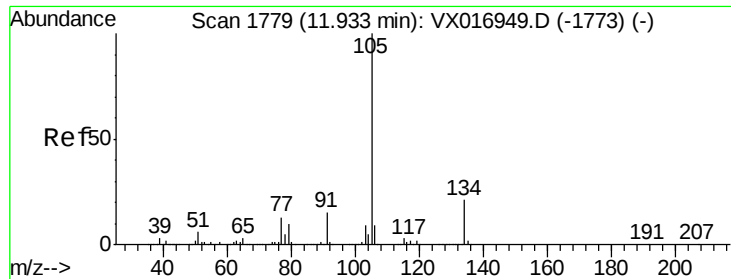
MMDadoda
6/26/2020 3:34:28 PM



#80
1,2,4-Trimethylbenzene
Concen: 18.685 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	178510		
120	45.8	0.0	89.8	





#81

sec-Butylbenzene

Concen: 18.186 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:105 Resp: 200731

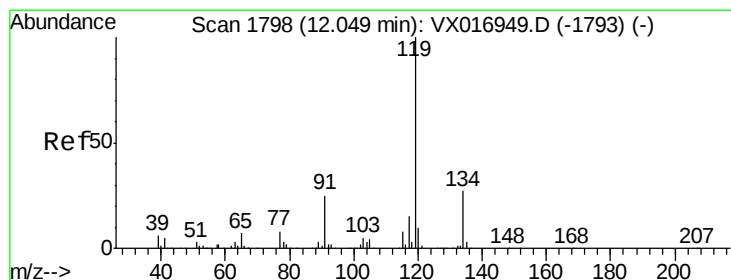
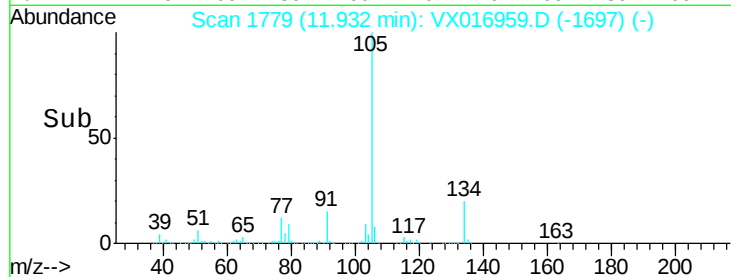
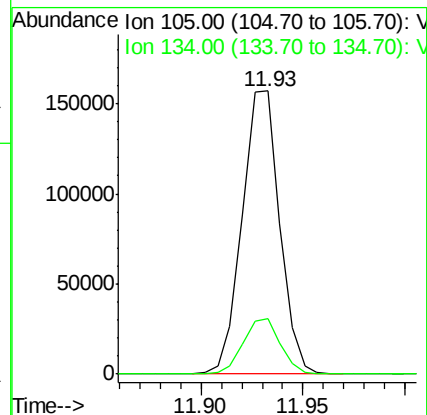
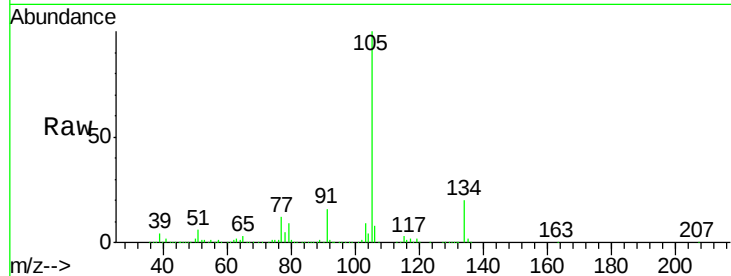
Ion Ratio Lower Upper

105 100

134 19.6 0.0 41.2

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#82

p-Isopropyltoluene

Concen: 18.095 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

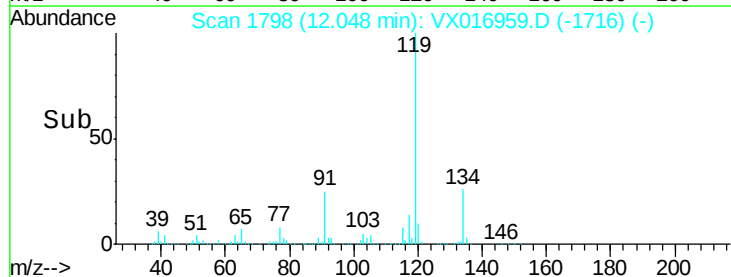
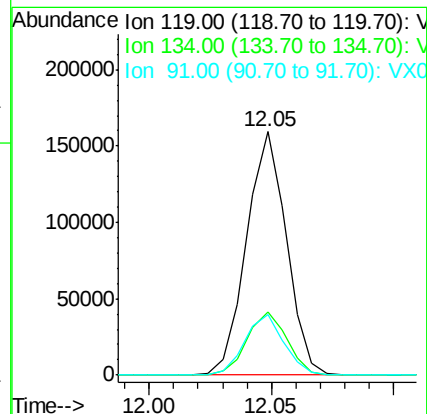
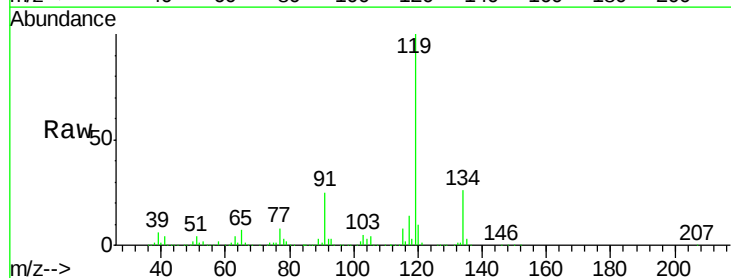
Tgt Ion:119 Resp: 180331

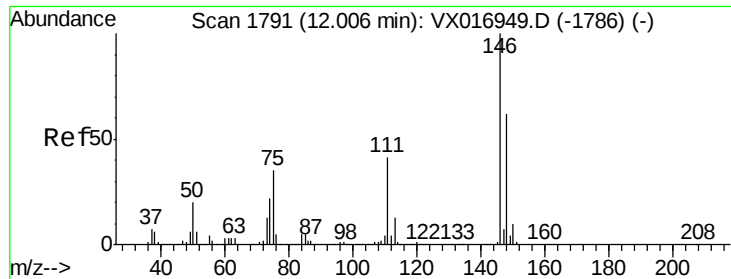
Ion Ratio Lower Upper

119 100

134 26.2 0.0 53.0

91 25.1 0.0 49.0





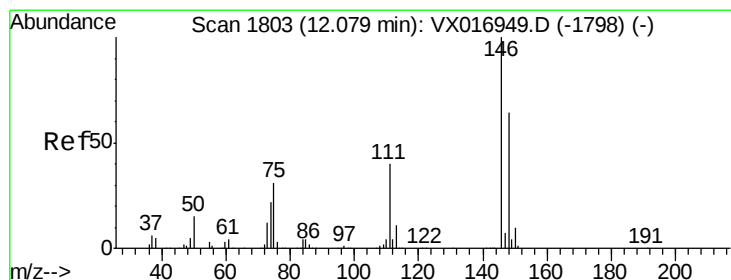
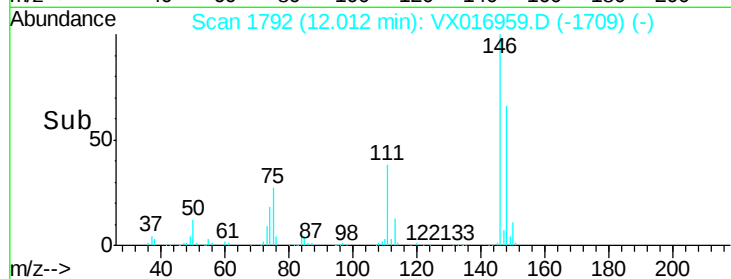
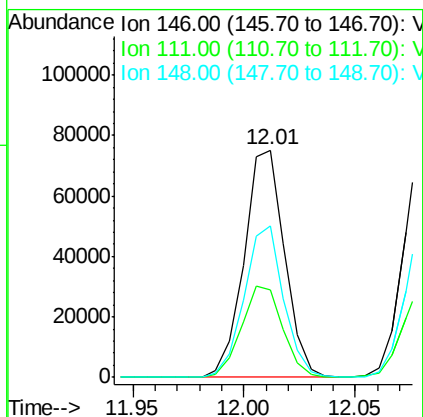
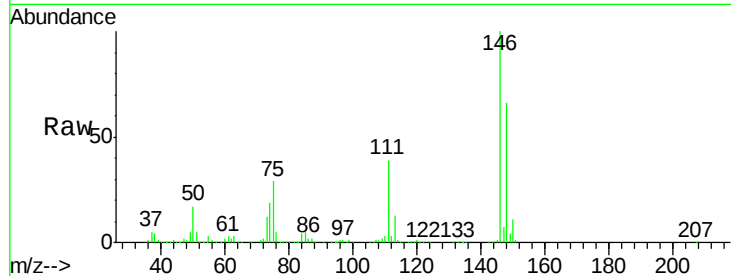
#83
 1,3-Dichlorobenzene
 Concen: 18.645 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX016959.D
 Acq: 25 Jun 2020 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	19.5	58.5
148	64.6	31.8	95.4

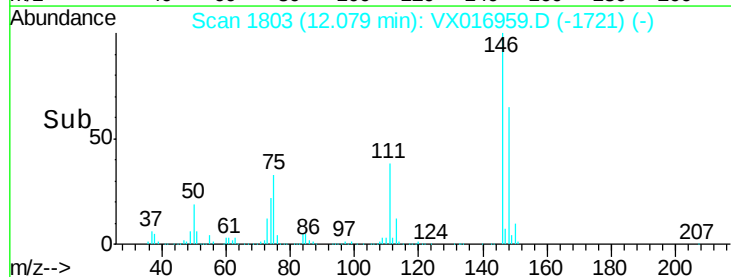
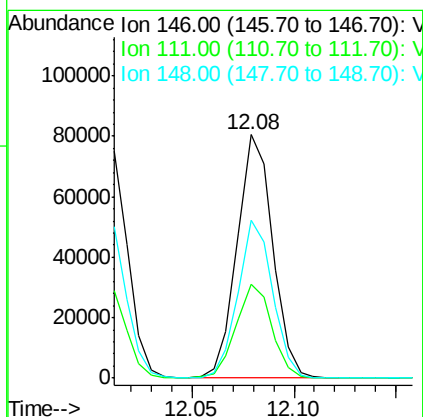
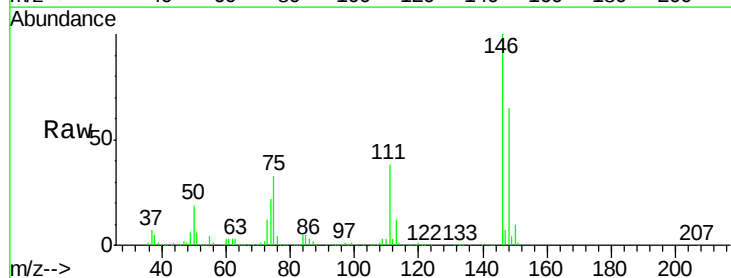
Manual Integrations
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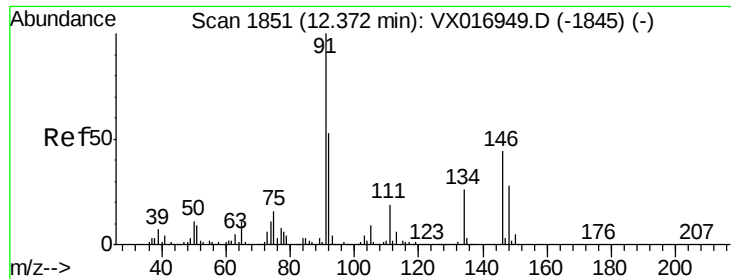
MMDadoda
 6/26/2020 3:34:28 PM



#84
 1,4-Dichlorobenzene
 Concen: 18.869 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016959.D
 Acq: 25 Jun 2020 17:21

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.4	58.2
148	63.9	32.1	96.3





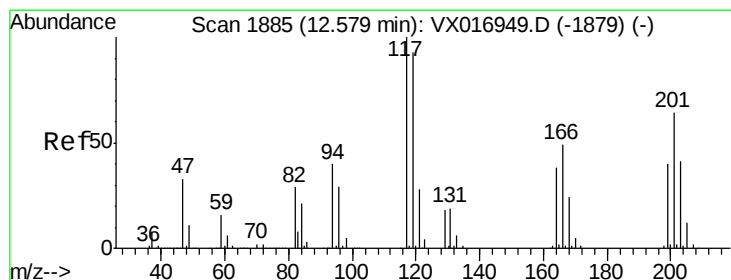
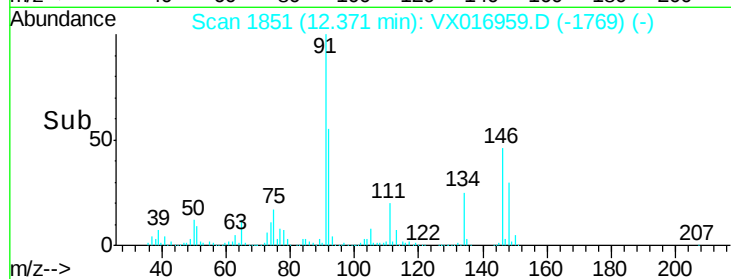
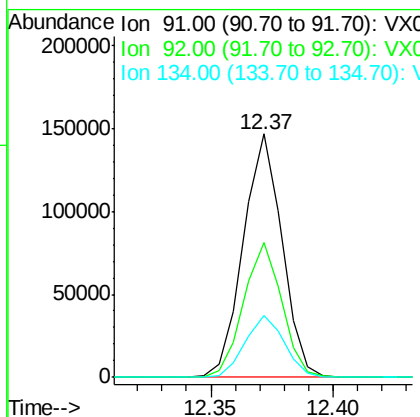
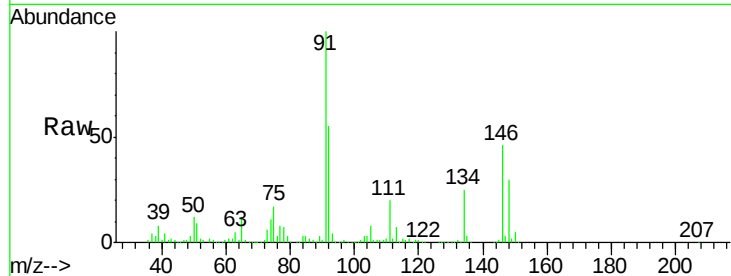
#85
n-Butylbenzene
Concen: 17.546 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	161857		
92	54.6	0.0	105.8	
134	25.9	0.0	52.2	

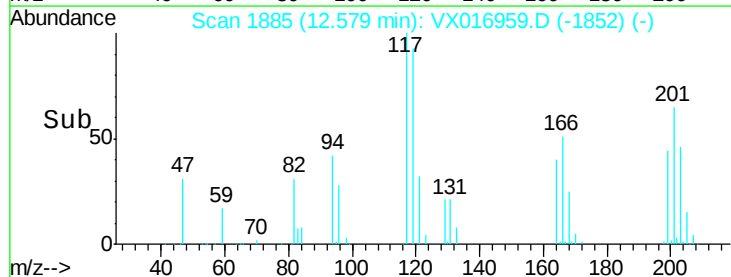
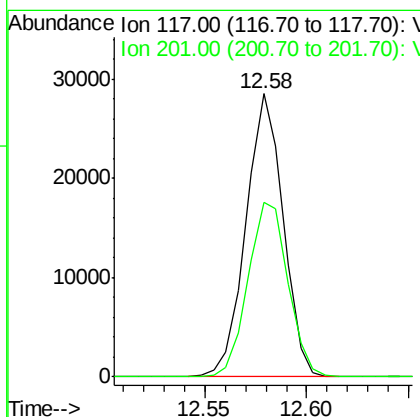
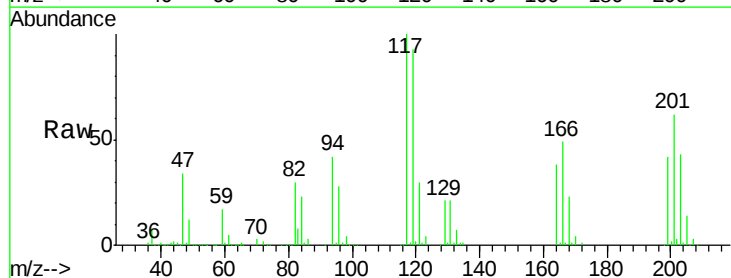
Manual Integrations
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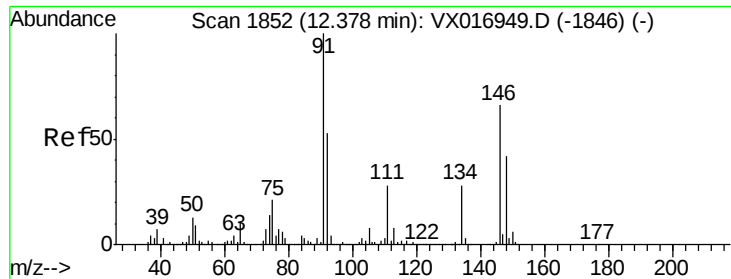
MMDadoda
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#86
Hexachloroethane
Concen: 18.622 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	36318		
201	66.1	34.6	103.9	





#87

1,2-Dichlorobenzene

Concen: 19.317 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Instrument :

MSVOA_X

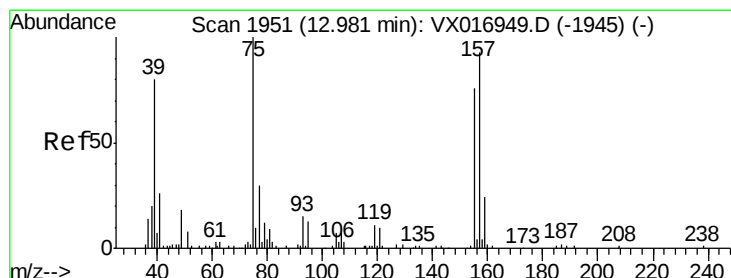
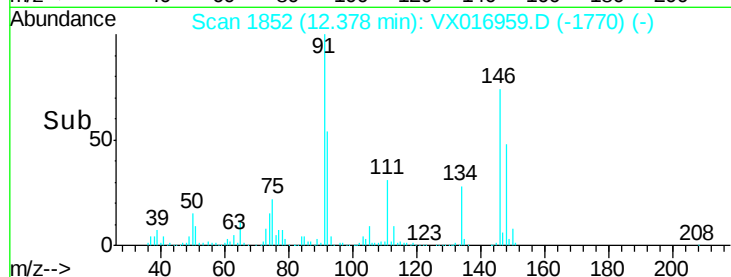
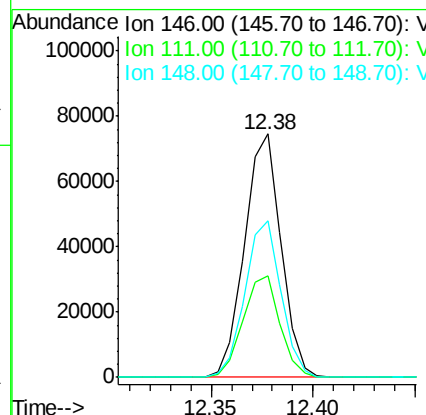
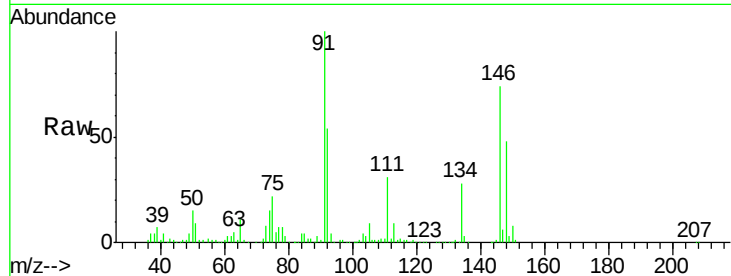
ClientSampleId :

VSTDCCC020EC

Tot Ion:	146	Resp:	92708
Ion Ratio	Lower	Upper	
146	100		
111	42.2	21.1	63.1
148	63.5	32.1	96.3

Manual Integrations
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6/26/2020 3:34:28 PM



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.887 ug/l

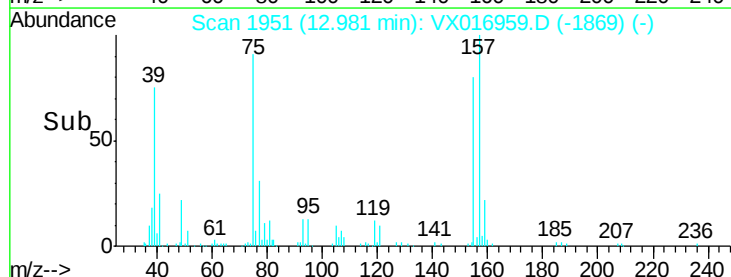
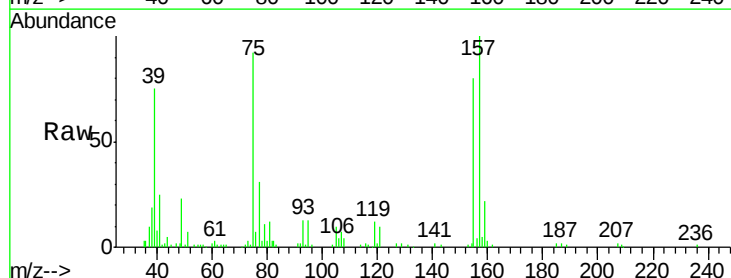
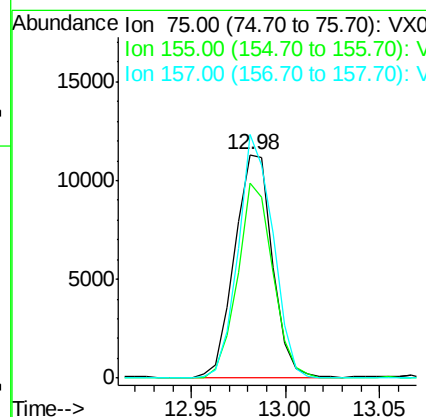
RT: 12.98 min Scan# 1951

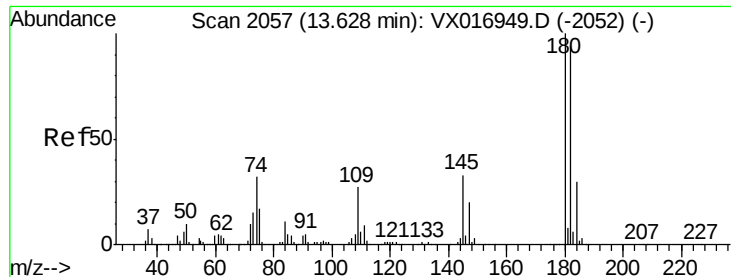
Delta R.T. -0.00 min

Lab File: VX016959.D

Acq: 25 Jun 2020 17:21

Tgt Ion:	75	Resp:	15754
Ion Ratio	Lower	Upper	
75	100		
155	81.3	65.0	97.6
157	99.9	83.0	124.4





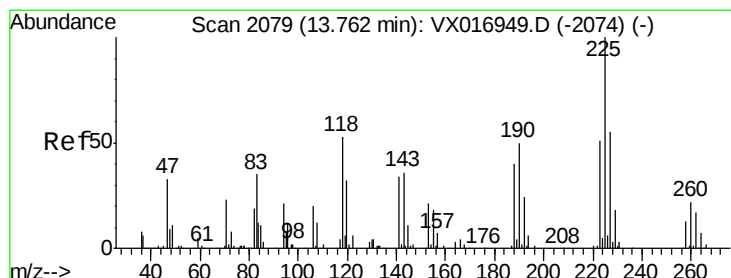
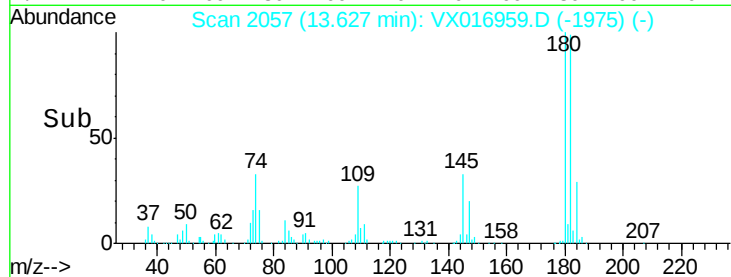
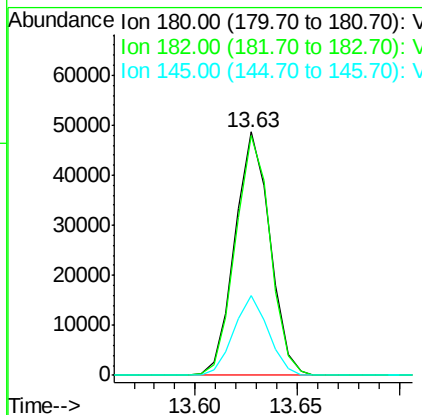
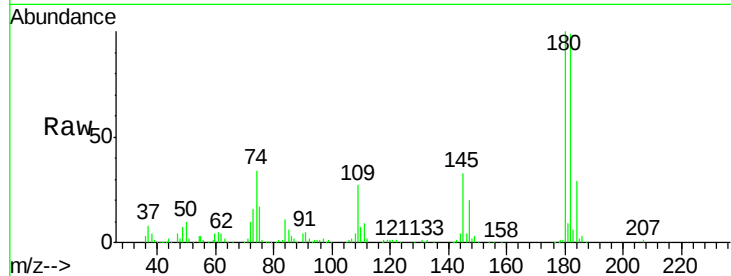
#89
 1,2,4-Trichlorobenzene
 Concen: 17.941 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016959.D
 Acq: 25 Jun 2020 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:	180	Resp:	58092
Ion Ratio	Lower	Upper	
180	100		
182	97.1	77.7	116.5
145	32.2	26.2	39.2

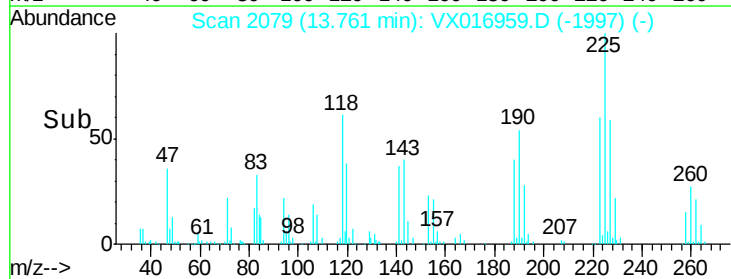
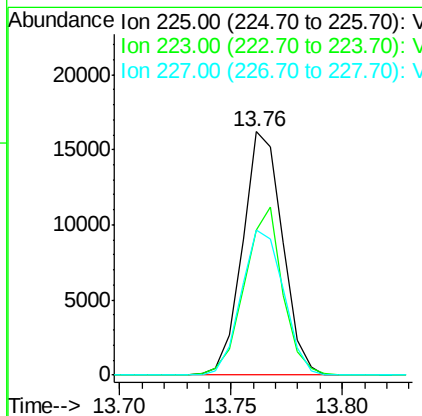
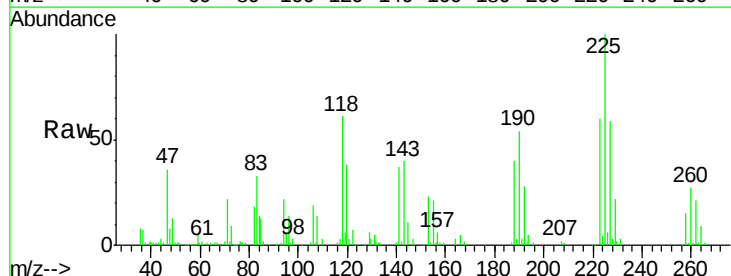
Manual Integrations
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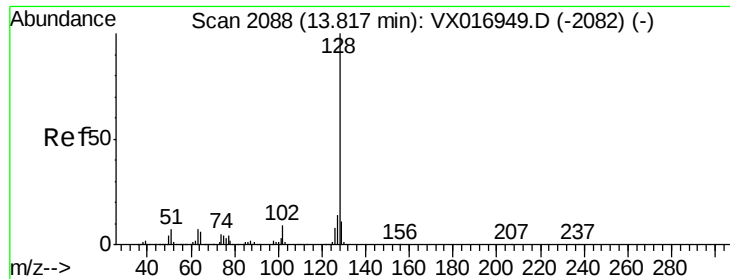
MMDadoda
 6/26/2020 3:34:28 PM



#90
 Hexachlorobutadiene
 Concen: 16.443 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX016959.D
 Acq: 25 Jun 2020 17:21

Tgt Ion:	225	Resp:	20253
Ion Ratio	Lower	Upper	
225	100		
223	65.5	0.0	125.0
227	63.0	0.0	124.0





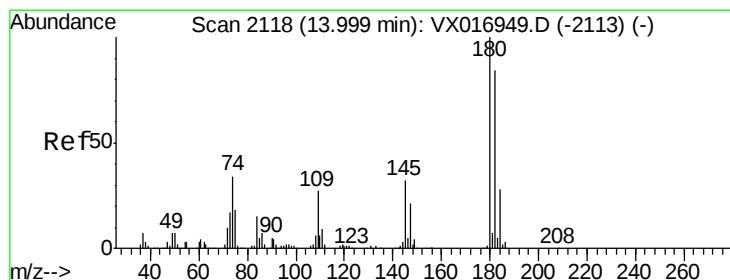
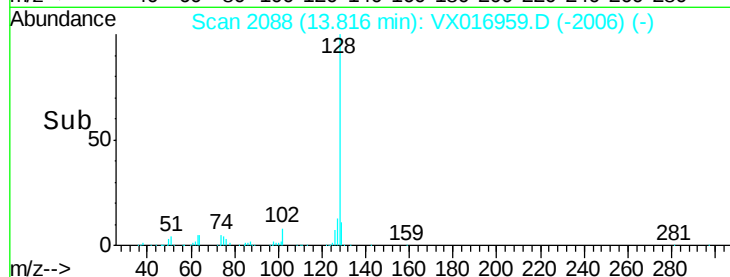
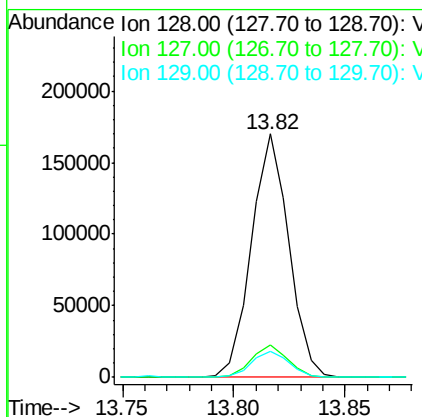
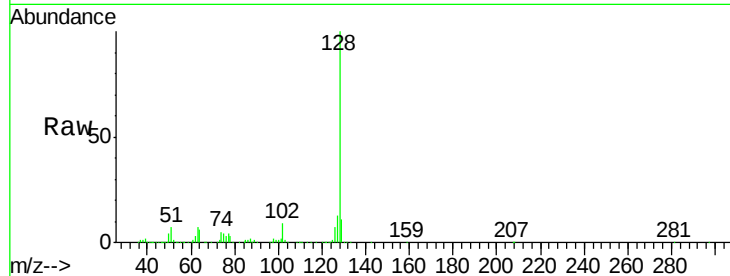
#91
Naphthalene
Concen: 18.751 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.9	9.0	13.4

Manual Integrations
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6/26/2020 3:34:28 PM



#92
1,2,3-Trichlorobenzene
Concen: 18.353 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX016959.D
Acq: 25 Jun 2020 17:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	0.0	184.8
145	33.4	0.0	68.0

