

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082620\
 Data File : VX018086.D
 Acq On : 26 Aug 2020 18:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/27/2020 12:19:14 PM

Quant Time: Aug 27 04:54:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	483366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	767652	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	745032	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	395840	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	346889	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
35) Dibromofluoromethane	5.46	113	271442	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	
50) Toluene-d8	8.70	98	991515	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
62) 4-Bromofluorobenzene	11.12	95	407824	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	294672	50.071	ug/l	100
3) Chloromethane	1.31	50	293246	47.263	ug/l	98
4) Vinyl Chloride	1.39	62	286131	46.327	ug/l	98
5) Bromomethane	1.62	94	169723	56.972	ug/l	99
6) Chloroethane	1.71	64	163677	49.341	ug/l	97
7) Trichlorofluoromethane	1.92	101	453562	53.855	ug/l	97
8) Diethyl Ether	2.17	74	139570	48.867	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	232494	51.063	ug/l	98
10) Methyl Iodide	2.49	142	256041	52.290	ug/l	98
11) Tert butyl alcohol	3.02	59	322111	246.878	ug/l	99
12) 1,1-Dichloroethene	2.36	96	229795	48.648	ug/l	94
13) Acrolein	2.28	56	90301	166.915	ug/l	99
14) Allyl chloride	2.71	41	410807	48.406	ug/l	99
15) Acrylonitrile	3.12	53	714105	241.281	ug/l	100
16) Acetone	2.42	43	638293	244.111	ug/l	99
17) Carbon Disulfide	2.55	76	665554	46.608	ug/l	99
18) Methyl Acetate	2.75	43	315905	50.066	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	812014	50.125	ug/l	98
20) Methylene Chloride	2.84	84	272694	51.029	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	249997	47.769	ug/l	99
22) Diisopropyl ether	3.83	45	811990	48.477	ug/l	99
23) Vinyl Acetate	3.79	43	3703451	248.479	ug/l	100
24) 1,1-Dichloroethane	3.67	63	459754	48.218	ug/l	100
25) 2-Butanone	4.64	43	999837	232.668	ug/l	96
26) 2,2-Dichloropropane	4.55	77	361798	46.635	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	277554	46.030	ug/l	100
28) Bromochloromethane	4.98	49	227282	49.383	ug/l	96
29) Tetrahydrofuran	5.09	42	644468	235.589	ug/l	97
30) Chloroform	5.18	83	490000	49.630	ug/l	97
31) Cyclohexane	5.55	56	385069	47.943	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	456696	50.406	ug/l	100
36) 1,1-Dichloropropene	5.77	75	347267	49.046	ug/l	100
37) Ethyl Acetate	4.79	43	389932	47.417	ug/l	98
38) Carbon Tetrachloride	5.76	117	419587	52.584	ug/l	99

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Manual Integrations
 APPROVED

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 8/27/2020 12:19:14 PM

Quant Time: Aug 27 04:54:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	386085	49.867	ug/l	99
40) Benzene	6.12	78	1016359	48.852	ug/l	99
41) Methacrylonitrile	5.01	41	216764	48.007	ug/l	99
42) 1,2-Dichloroethane	6.17	62	408611	51.261	ug/l	98
43) Isopropyl Acetate	6.42	43	636003	47.883	ug/l	100
44) Trichloroethene	7.19	130	284943	48.471	ug/l	100
45) 1,2-Dichloropropane	7.49	63	273035	48.693	ug/l	94
46) Dibromomethane	7.63	93	194406	49.302	ug/l	100
47) Bromodichloromethane	7.88	83	403707	51.276	ug/l	99
48) Methyl methacrylate	7.75	41	321054	48.555	ug/l	99
49) 1,4-Dioxane	7.71	88	120308	1004.471	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2034140	247.924	ug/l	100
52) Toluene	8.77	92	653505	49.536	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	438918	50.300	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	453095	49.017	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	276788	49.194	ug/l	97
56) Ethyl methacrylate	9.16	69	416239	49.763	ug/l	99
57) 1,3-Dichloropropane	9.35	76	454455	48.971	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	903900	240.229	ug/l	99
59) 2-Hexanone	9.48	43	1568169	251.361	ug/l	99
60) Dibromochloromethane	9.57	129	343789	52.086	ug/l	100
61) 1,2-Dibromoethane	9.65	107	311539	51.001	ug/l	97
64) Tetrachloroethene	9.32	164	258966	47.300	ug/l	90
65) Chlorobenzene	10.12	112	735103	49.402	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	297705	50.762	ug/l	97
67) Ethyl Benzene	10.24	91	1282181	50.670	ug/l	99
68) m/p-Xylenes	10.34	106	973207	103.040	ug/l	98
69) o-Xylene	10.68	106	466402	50.940	ug/l	97
70) Styrene	10.70	104	820432	52.618	ug/l	99
71) Bromoform	10.84	173	271637	54.302	ug/l	99
73) Isopropylbenzene	11.01	105	1286955	49.290	ug/l	99
74) N-amyl acetate	10.88	43	595179	48.044	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	415291	45.088	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	396909m	45.075	ug/l	
77) Bromobenzene	11.24	156	344178	47.688	ug/l	96
78) n-propylbenzene	11.34	91	1481812	49.982	ug/l	100
79) 2-Chlorotoluene	11.40	91	894851	48.855	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1092019	50.896	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	155090	47.569	ug/l	100
82) 4-Chlorotoluene	11.49	91	1053919	48.401	ug/l	99
83) tert-Butylbenzene	11.76	119	1091358	51.542	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1123970	51.238	ug/l	100
85) sec-Butylbenzene	11.93	105	1234509	51.268	ug/l	99
86) p-Isopropyltoluene	12.05	119	1175958	53.167	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	599397	47.302	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	594705	46.873	ug/l	99
89) n-Butylbenzene	12.37	91	986297	48.856	ug/l	99
90) Hexachloroethane	12.58	117	225201	51.750	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	583997	48.960	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	110508	47.984	ug/l	93

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ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

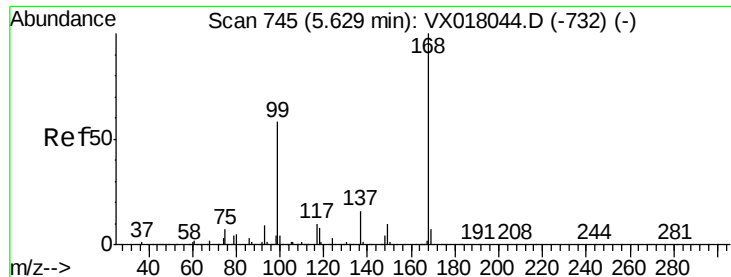
Manual Integrations
APPROVED

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8/27/2020 12:19:14 PM

Quant Time: Aug 27 04:54:28 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	380854	47.882	ug/l	98
94) Hexachlorobutadiene	13.77	225	161774	51.565	ug/l	97
95) Naphthalene	13.82	128	1273365	48.645	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	382682	48.692	ug/l	99

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



#1

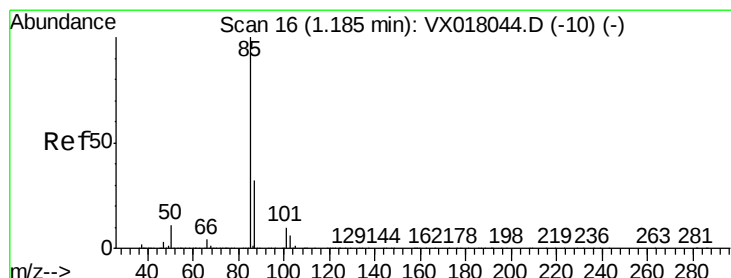
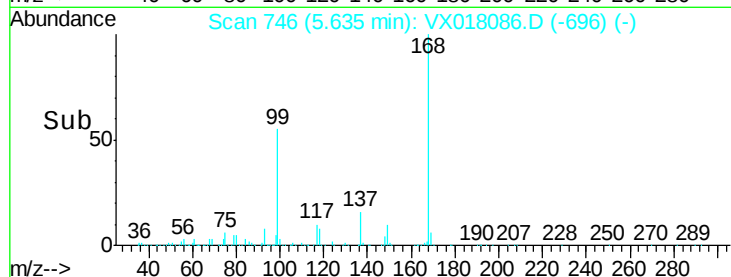
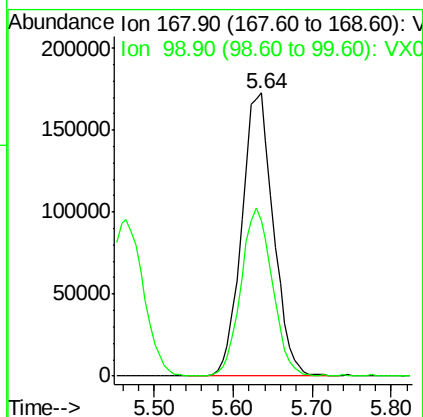
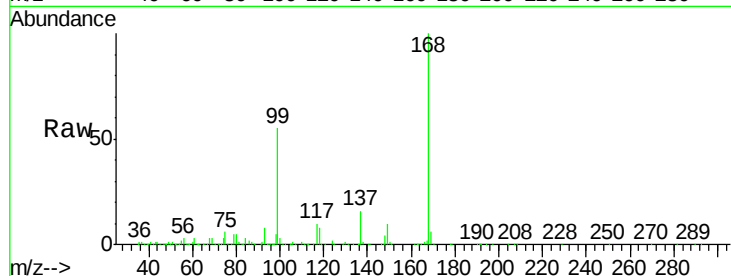
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. 0.01 min
 Lab File: VX018086.D
 Acq: 26 Aug 2020 18:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	54.9	46.3	69.5

Manual Integrations
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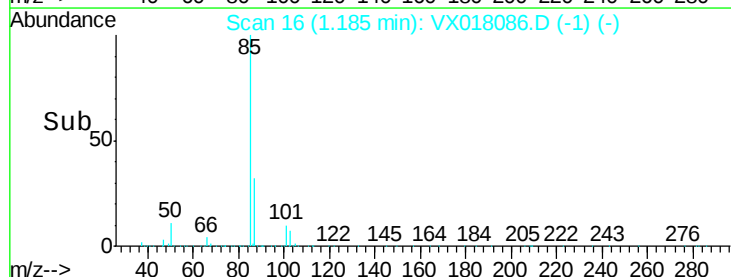
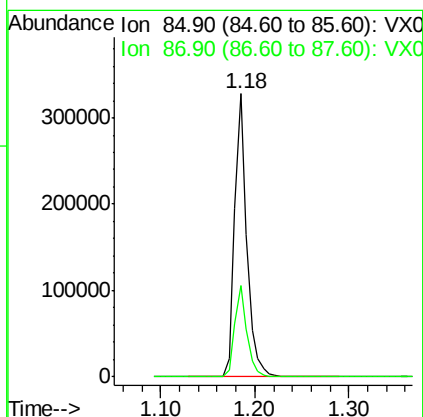
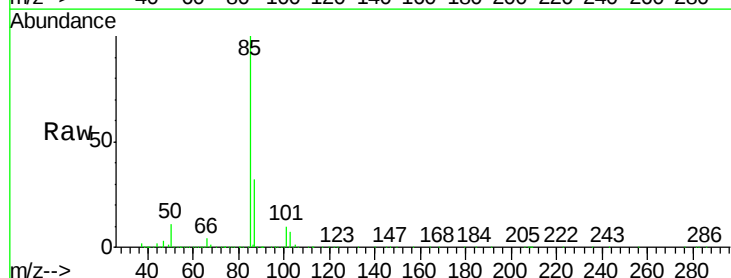
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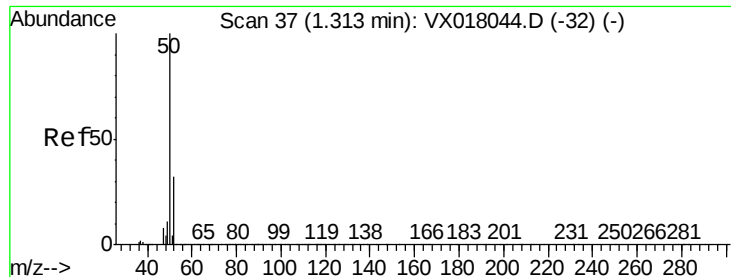


#2

Dichlorodifluoromethane
 Concen: 50.071 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. -0.00 min
 Lab File: VX018086.D
 Acq: 26 Aug 2020 18:37

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.4	16.1	48.2





#3

Chloromethane

Concen: 47.263 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 293246

Ion Ratio Lower Upper

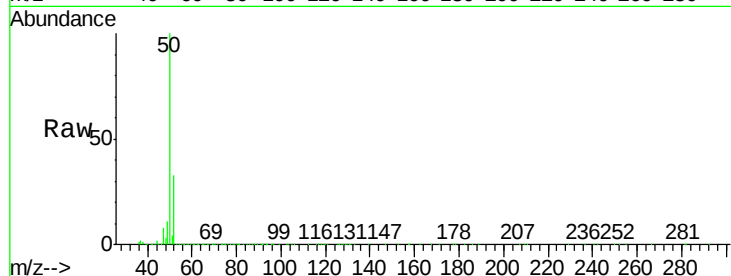
50 100

52 32.7 25.4 38.2

Manual Integrations
APPROVED

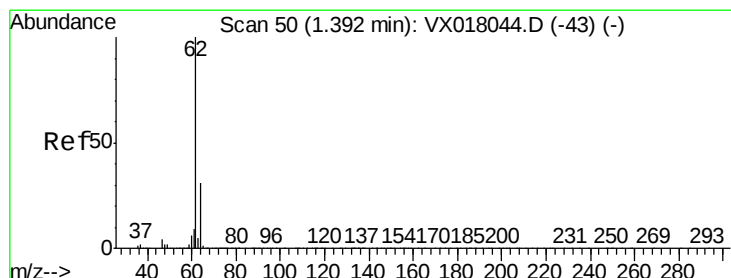
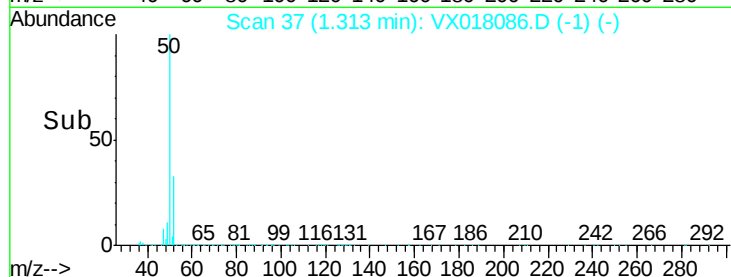
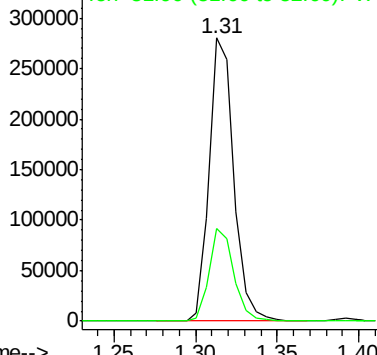
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 46.327 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018086.D

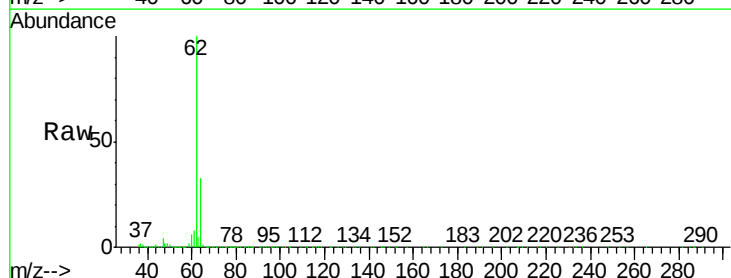
Acq: 26 Aug 2020 18:37

Tgt Ion: 62 Resp: 286131

Ion Ratio Lower Upper

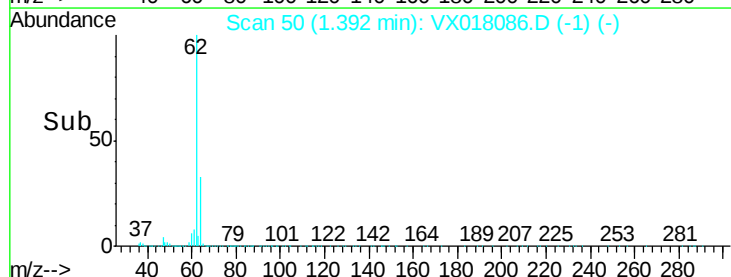
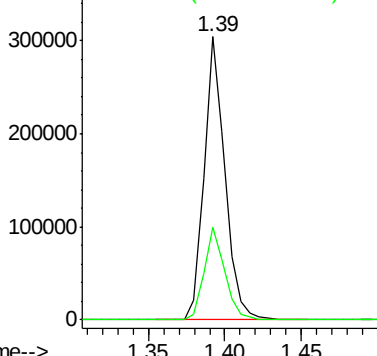
62 100

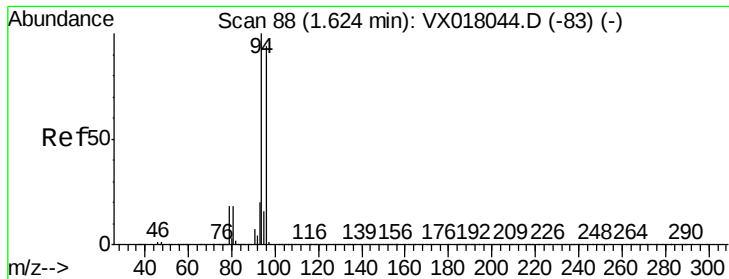
64 32.5 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 56.972 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 169723

Ion Ratio Lower Upper

94 100

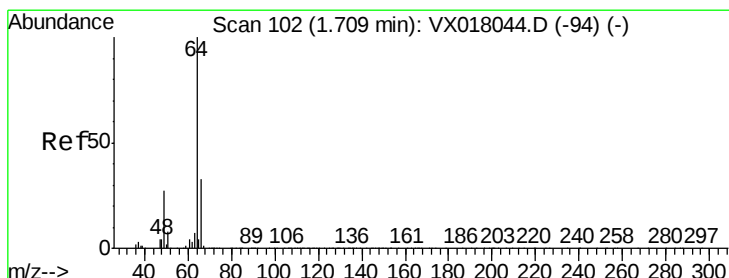
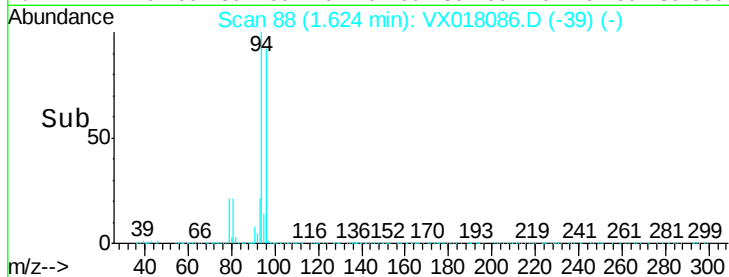
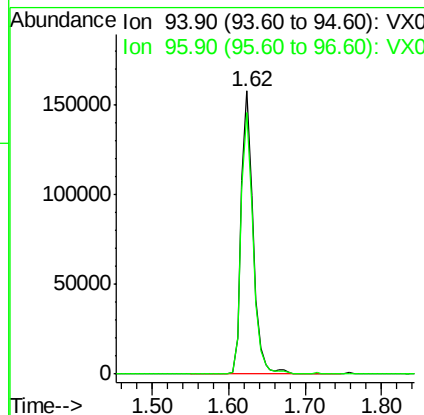
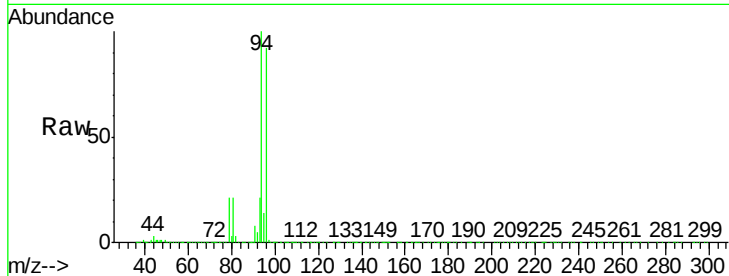
96 92.3 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 49.341 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018086.D

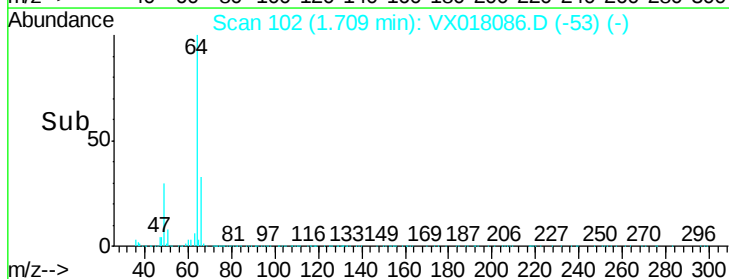
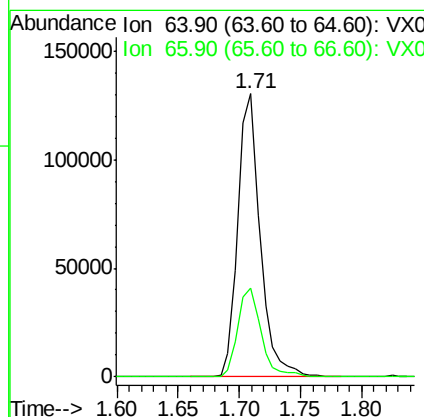
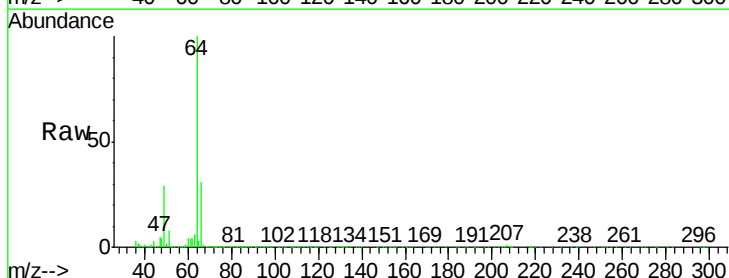
Acq: 26 Aug 2020 18:37

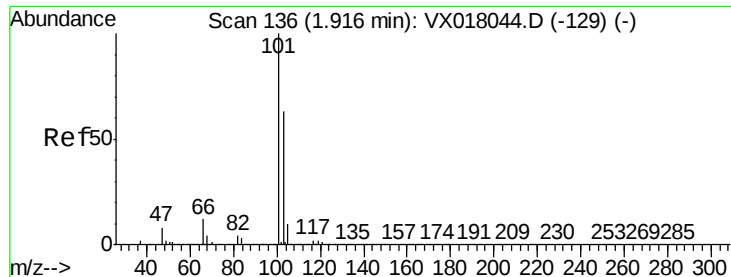
Tgt Ion: 64 Resp: 163677

Ion Ratio Lower Upper

64 100

66 31.3 26.6 39.8





#7

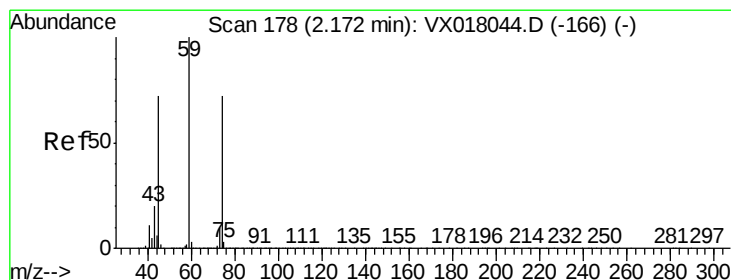
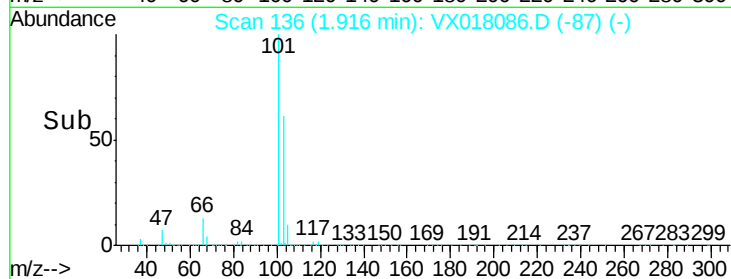
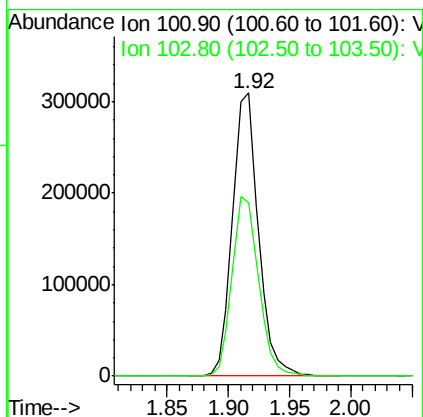
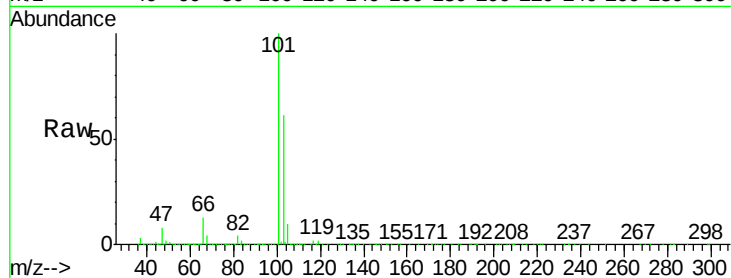
Trichlorofluoromethane
Concen: 53.855 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018086.D
Acq: 26 Aug 2020 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.0	50.7	76.1

Manual Integrations
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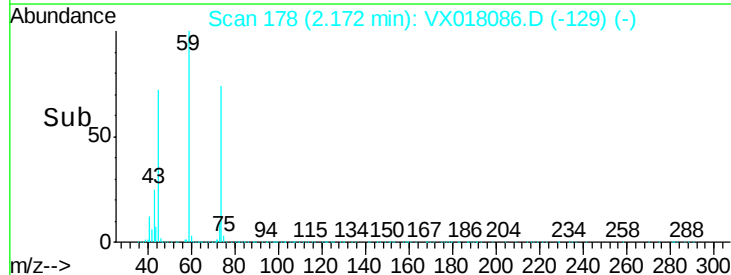
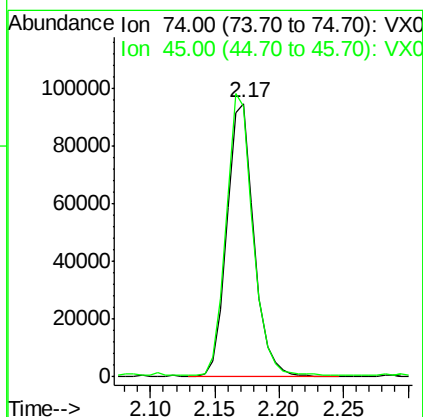
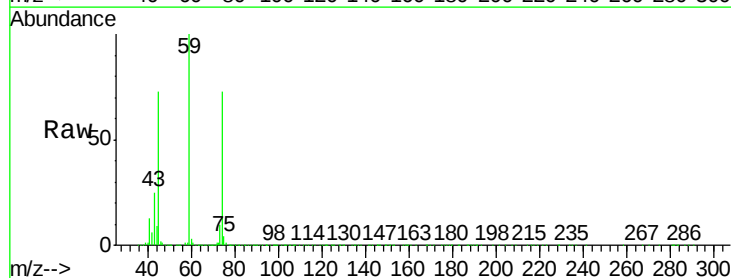
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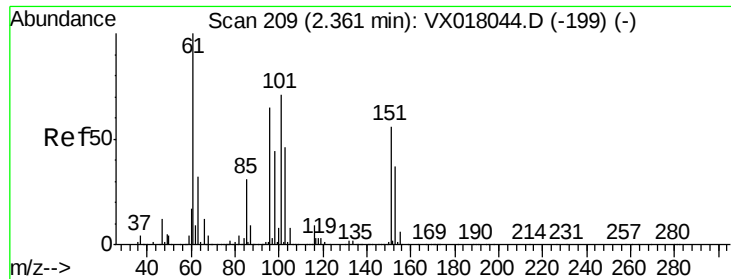


#8

Diethyl Ether
Concen: 48.867 ug/l
RT: 2.17 min Scan# 178
Delta R.T. -0.00 min
Lab File: VX018086.D
Acq: 26 Aug 2020 18:37

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.1	50.7	152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.063 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

Instrument :

MSVOA_X

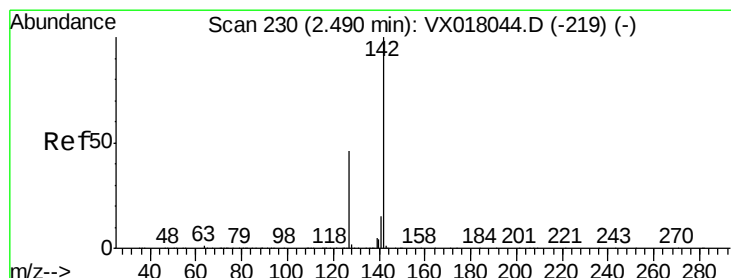
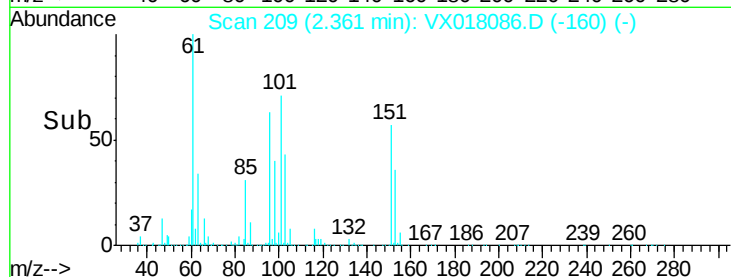
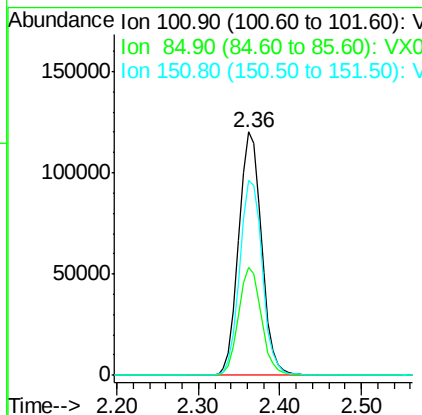
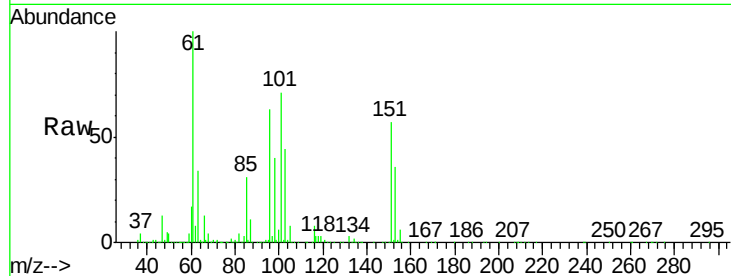
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	232494
Ion Ratio	Lower	Upper	
101	100		
85	44.1	34.0	51.0
151	79.5	65.2	97.8

Manual Integrations
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#10

Methyl Iodide

Concen: 52.290 ug/l

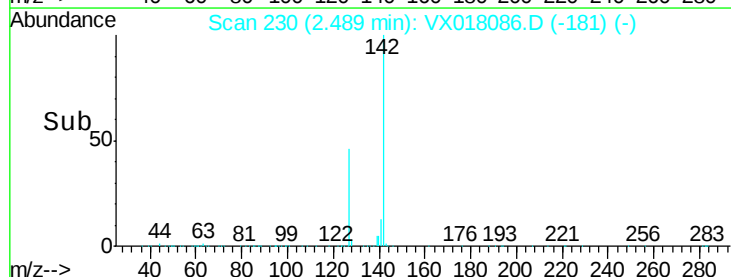
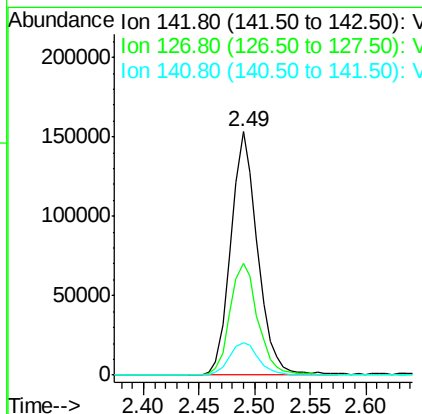
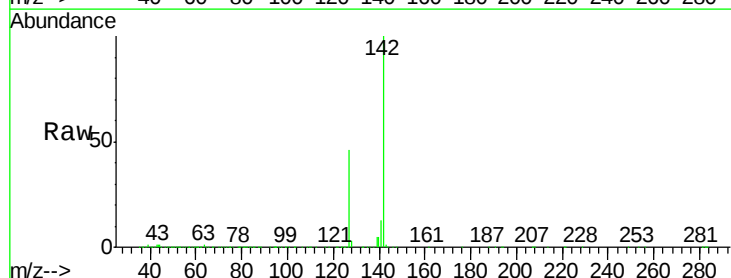
RT: 2.49 min Scan# 230

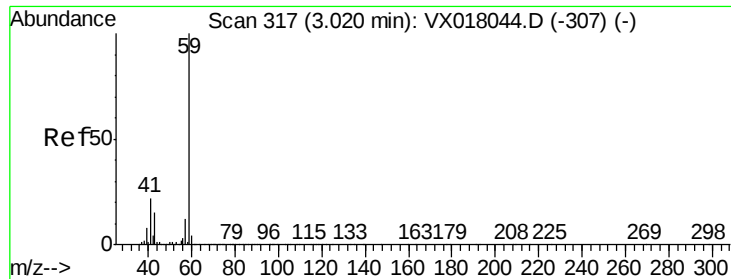
Delta R.T. 0.00 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

Tgt Ion:	142	Resp:	256041
Ion Ratio	Lower	Upper	
142	100		
127	48.0	37.0	55.6
141	14.6	11.5	17.3





#11

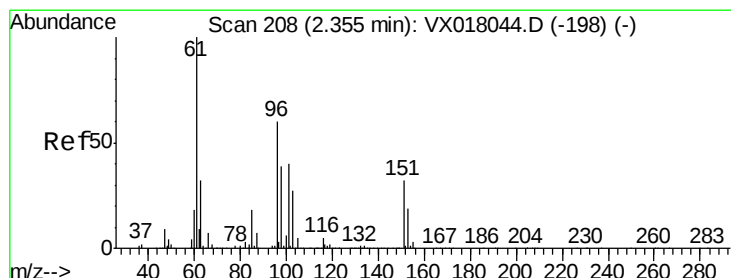
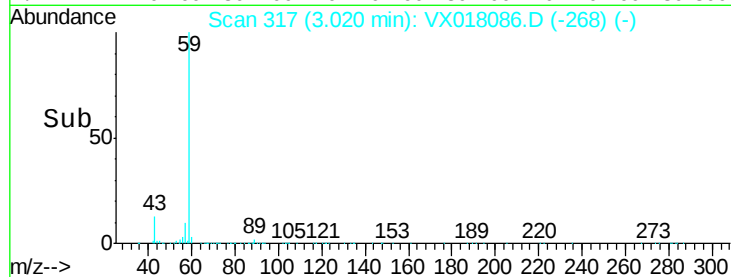
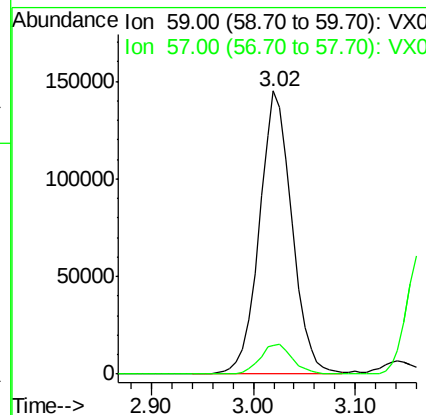
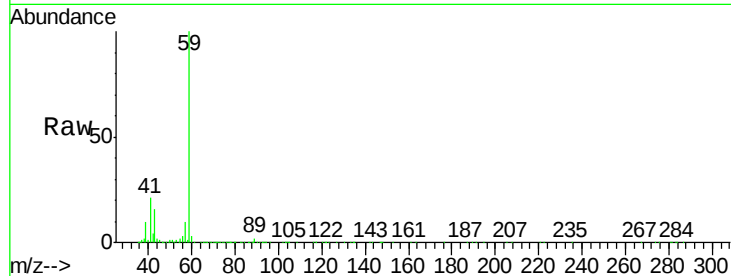
Tert butyl alcohol
Concen: 246.878 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX018086.D
Acq: 26 Aug 2020 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.9	13.3

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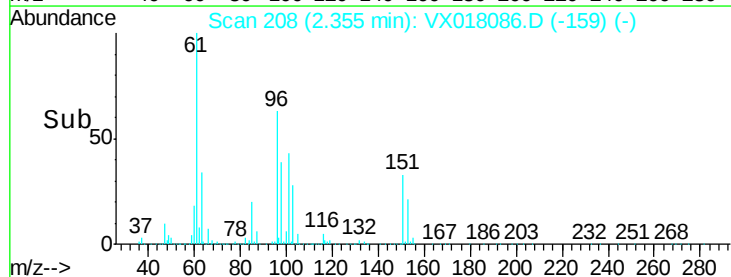
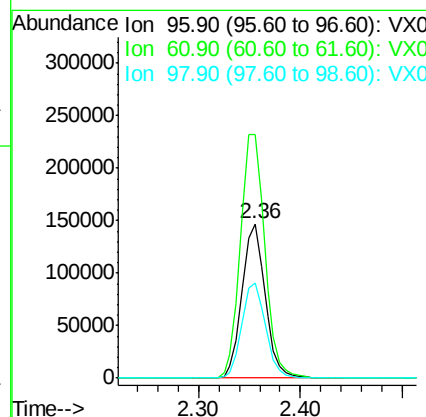
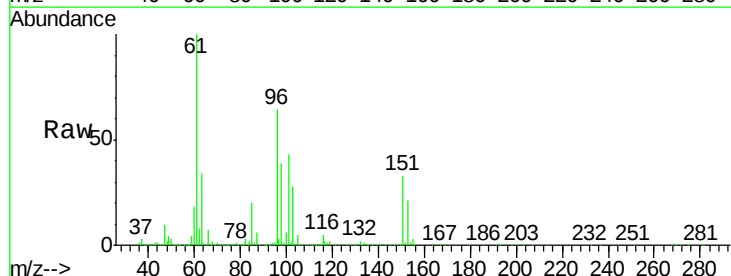
MMDadoda
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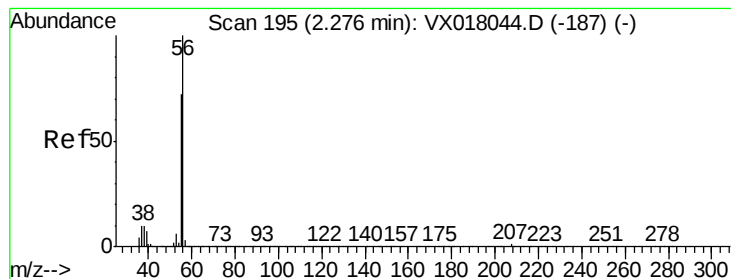


#12

1,1-Dichloroethene
Concen: 48.648 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018086.D
Acq: 26 Aug 2020 18:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	157.4	133.0	199.4
98	61.2	51.6	77.4





#13

Acrolein

Concen: 166.915 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 90301

Ion Ratio Lower Upper

56 100

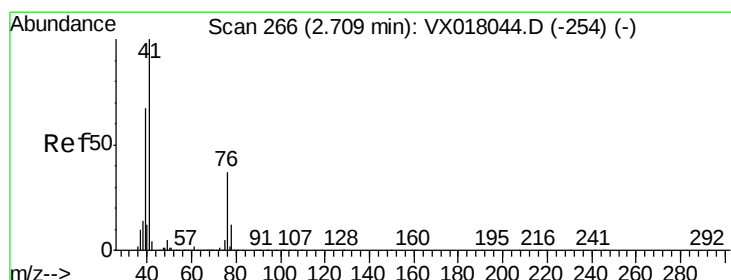
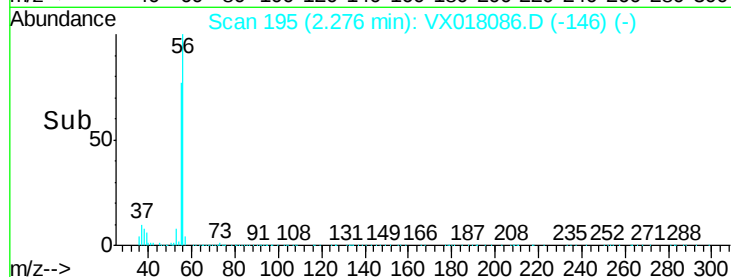
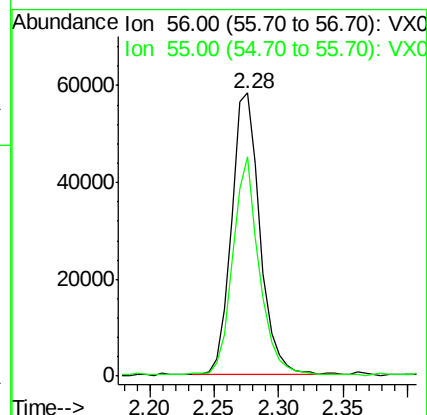
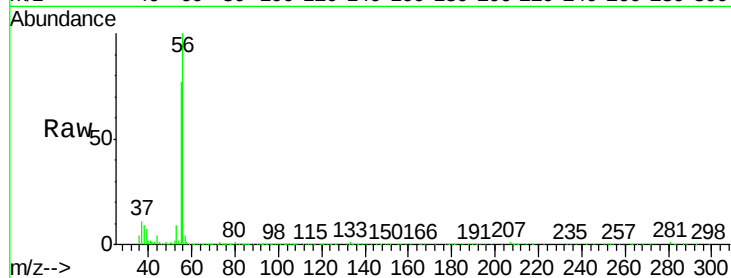
55 72.3 57.0 85.6

Manual Integrations

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#14

Allyl chloride

Concen: 48.406 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

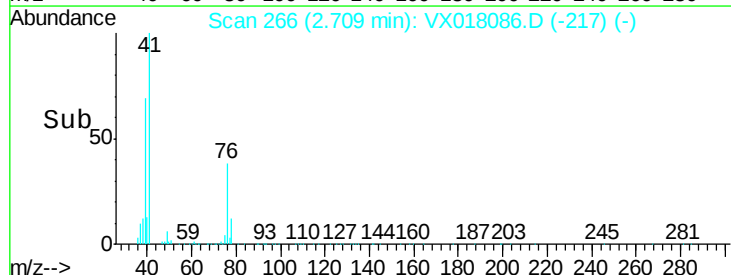
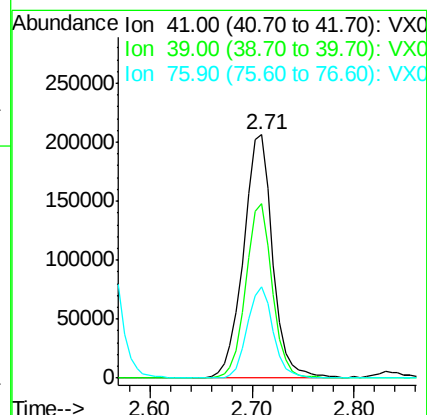
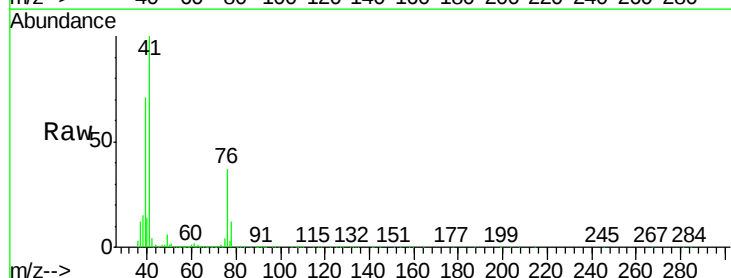
Tgt Ion: 41 Resp: 410807

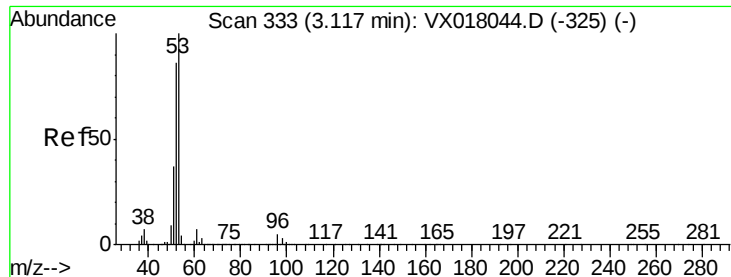
Ion Ratio Lower Upper

41 100

39 64.7 50.6 76.0

76 33.1 26.2 39.2





#15

Acrylonitrile

Concen: 241.281 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

Instrument :

MSVOA_X

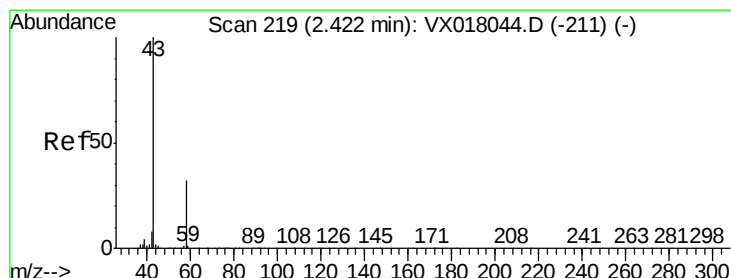
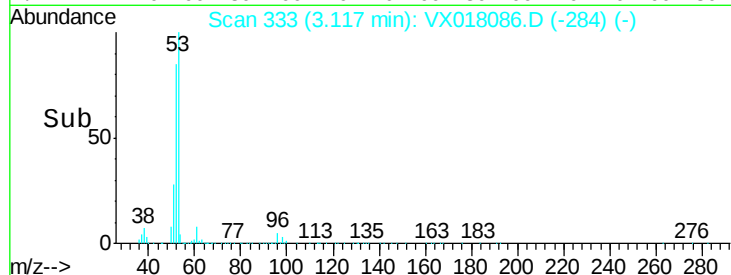
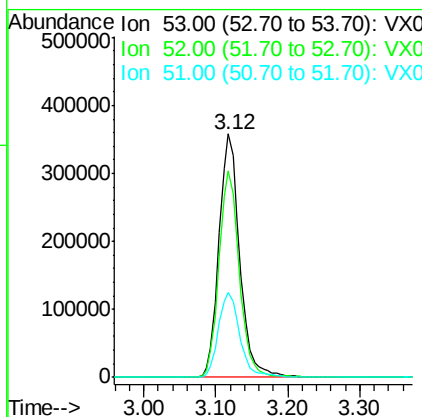
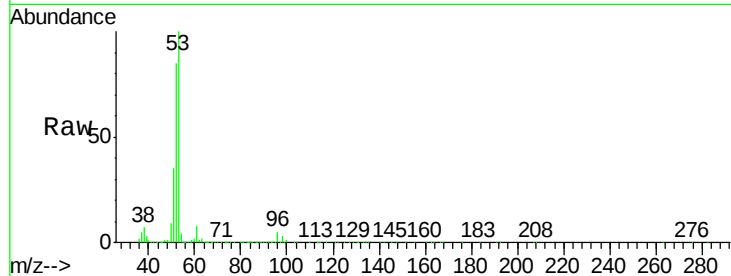
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	714105
Ion Ratio		Lower	Upper
53	100		
52	83.4	66.9	100.3
51	36.6	28.7	43.1

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#16

Acetone

Concen: 244.111 ug/l

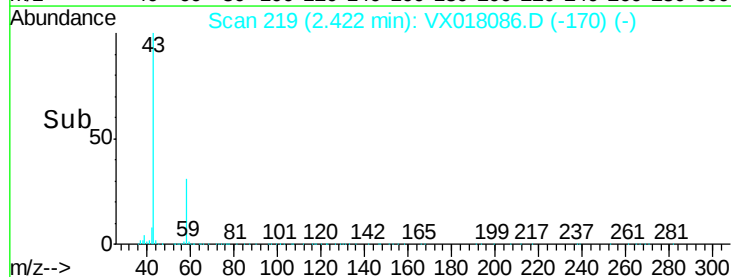
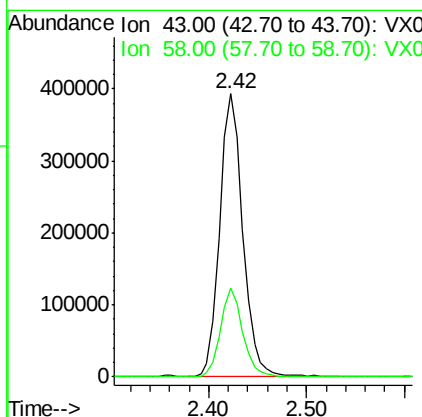
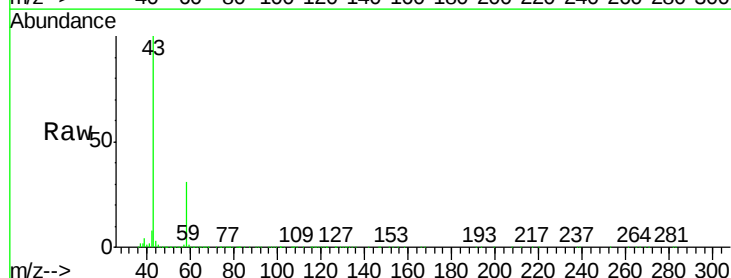
RT: 2.42 min Scan# 219

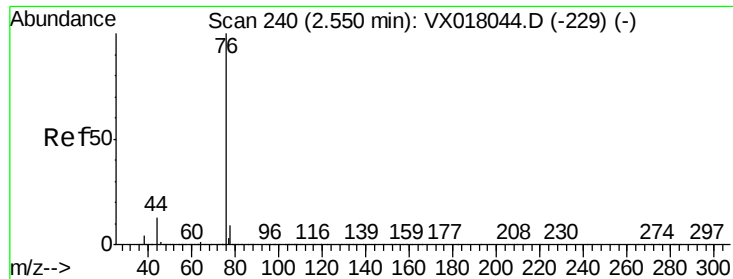
Delta R.T. -0.00 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

Tgt Ion:	43	Resp:	638293
Ion Ratio		Lower	Upper
43	100		
58	31.2	25.5	38.3





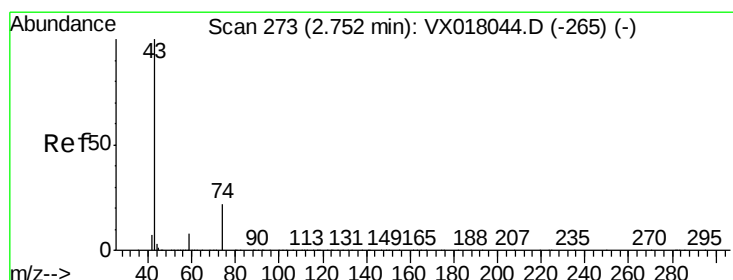
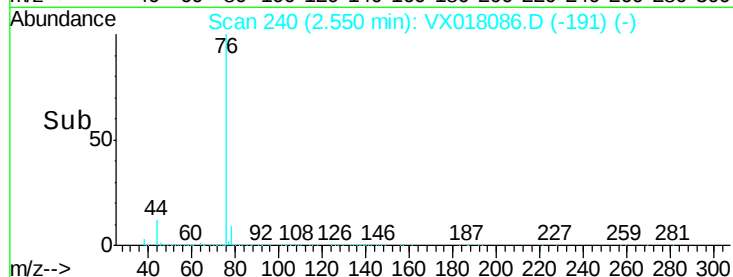
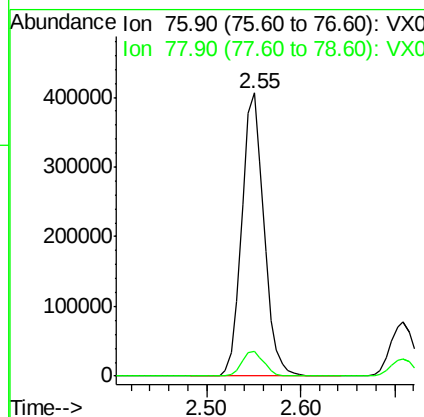
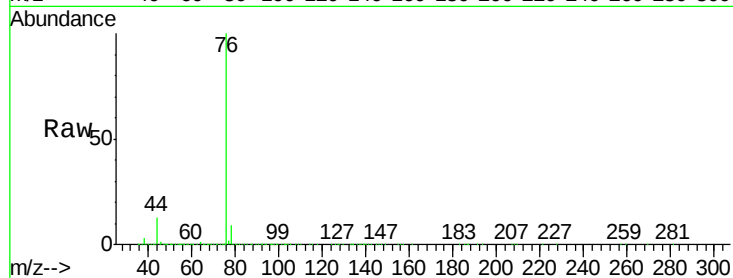
#17
Carbon Disulfide
Concen: 46.608 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018086.D
Acq: 26 Aug 2020 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.4	11.0

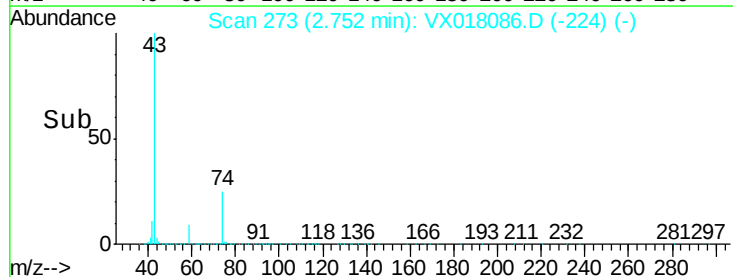
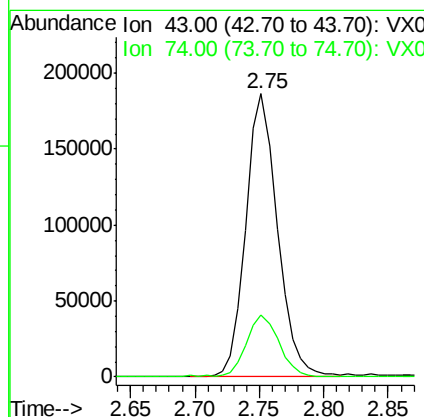
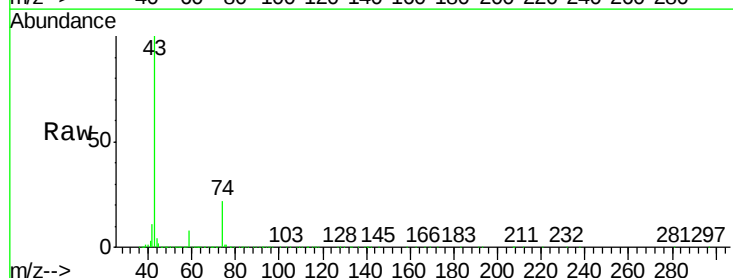
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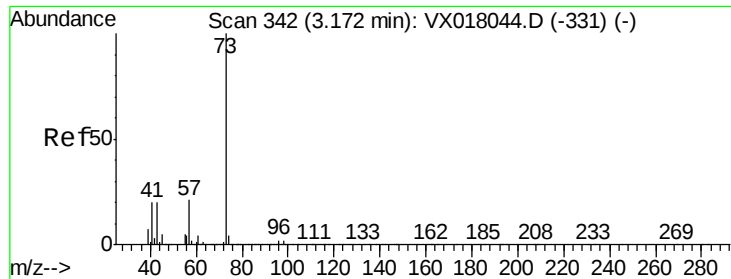
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#18
Methyl Acetate
Concen: 50.066 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018086.D
Acq: 26 Aug 2020 18:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	18.2	27.4





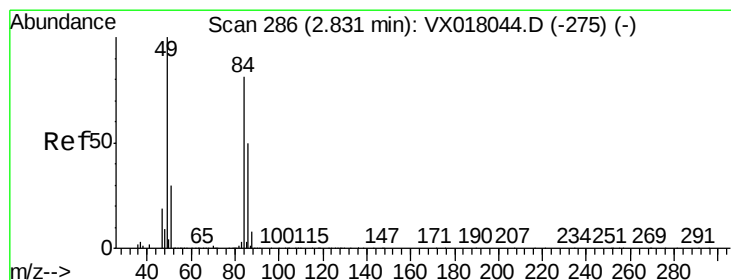
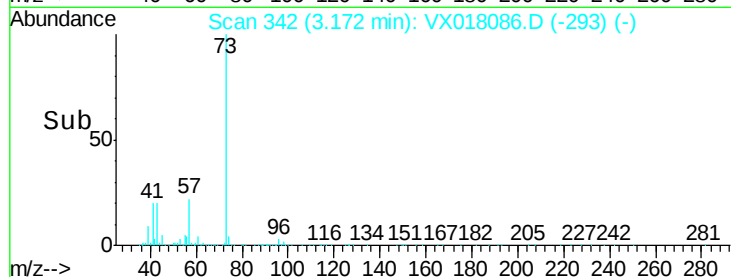
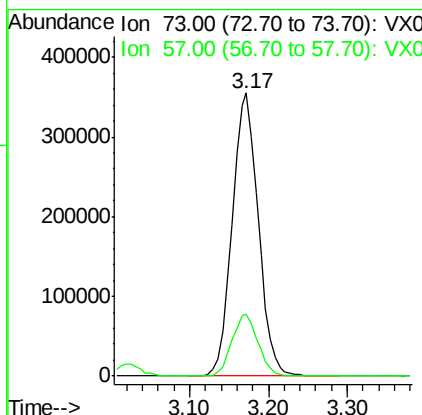
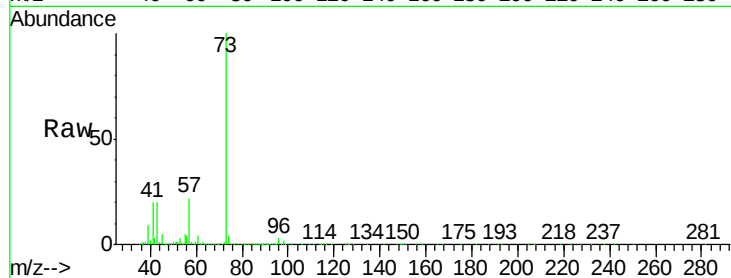
#19
Methvl tert-butvl Ether
Concen: 50.125 ug/l
RT: 3.17 min Scan# 342
Delta R.T. -0.00 min
Lab File: VX018086.D
Acq: 26 Aug 2020 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 812014
Ion Ratio Lower Upper
73 100
57 22.0 16.8 25.2

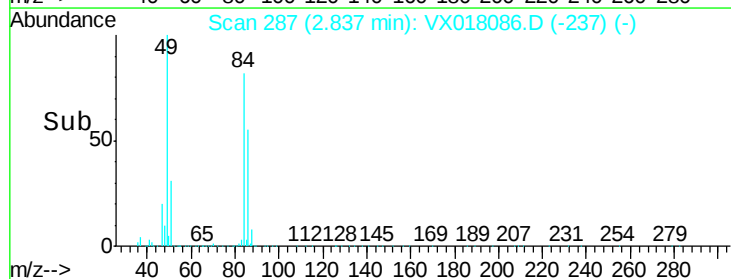
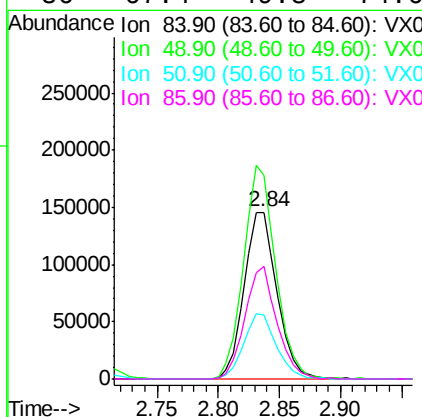
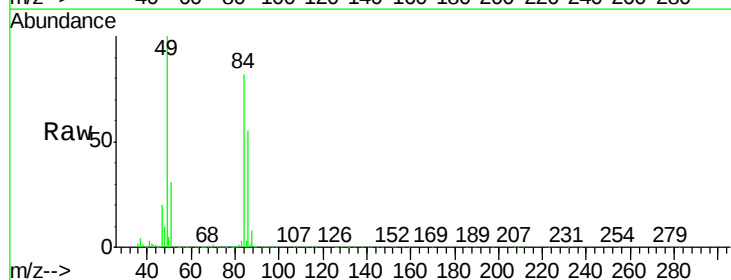
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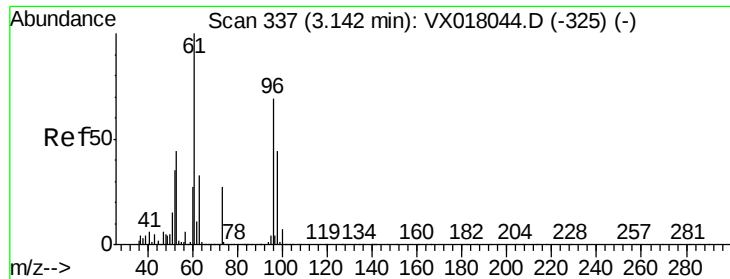
MMDadoda
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#20
Methylene Chloride
Concen: 51.029 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018086.D
Acq: 26 Aug 2020 18:37

Tgt Ion: 84 Resp: 272694
Ion Ratio Lower Upper
84 100
49 122.0 98.6 148.0
51 38.1 29.6 44.4
86 67.4 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 47.769 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

Instrument :

MSVOA_X

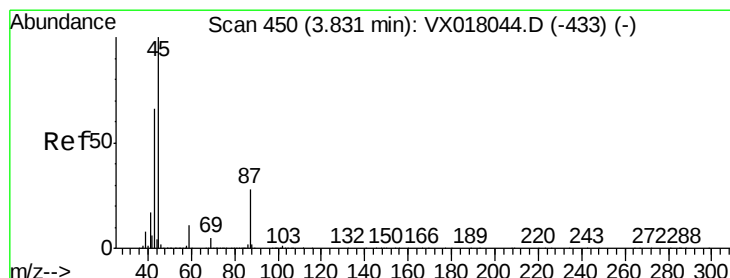
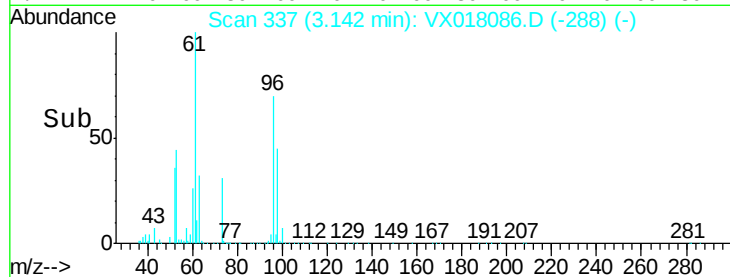
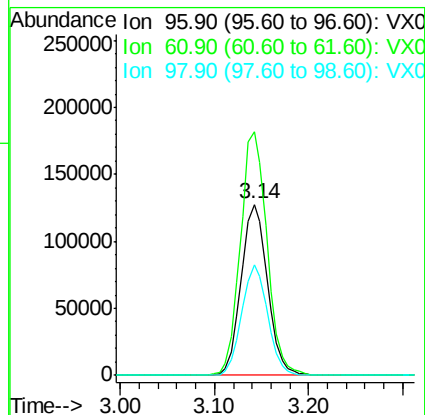
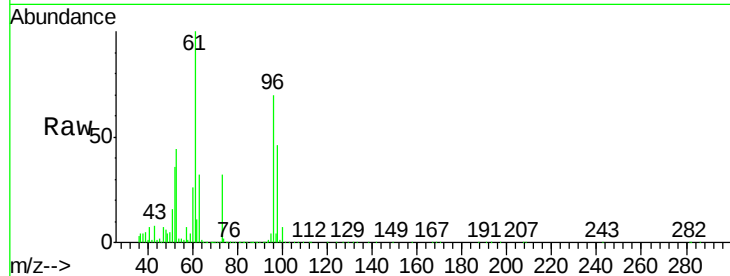
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	249997
Ion Ratio	Lower	Upper	
96	100		
61	142.4	115.4	173.0
98	64.6	51.1	76.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.477 ug/l

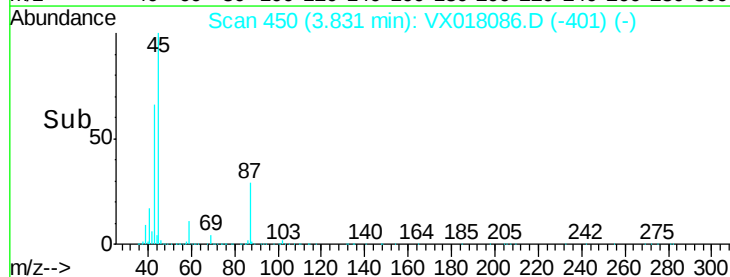
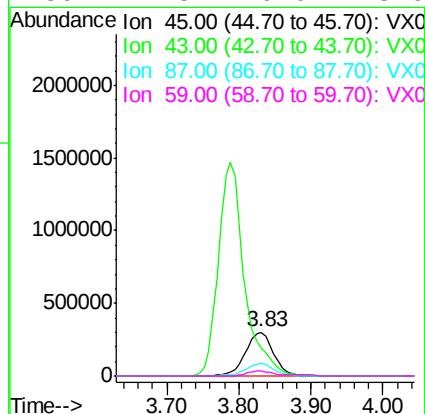
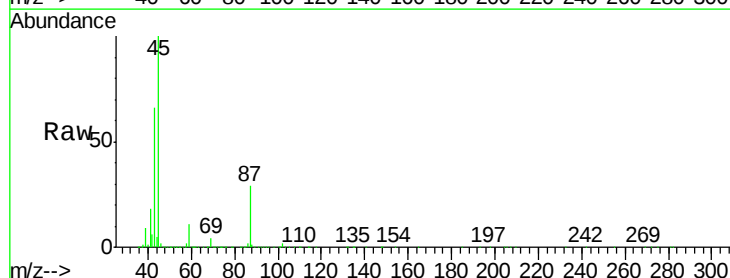
RT: 3.83 min Scan# 450

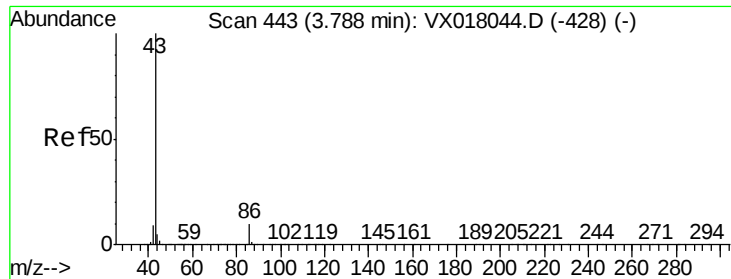
Delta R.T. -0.00 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

Tgt Ion:	45	Resp:	811990
Ion Ratio	Lower	Upper	
45	100		
43	65.3	52.8	79.2
87	28.6	22.5	33.7
59	11.5	9.0	13.6





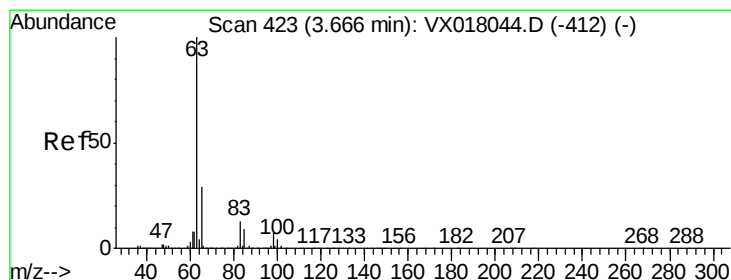
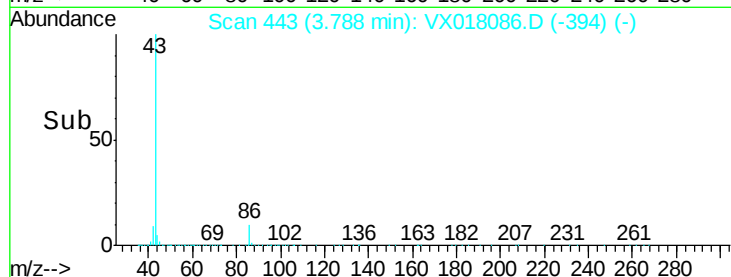
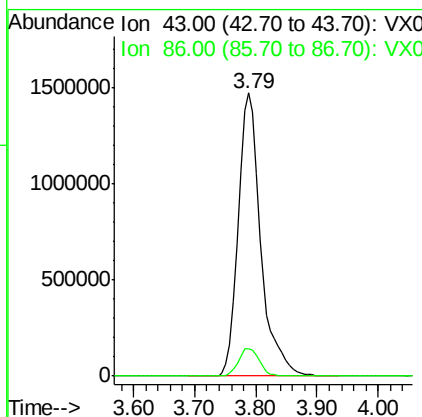
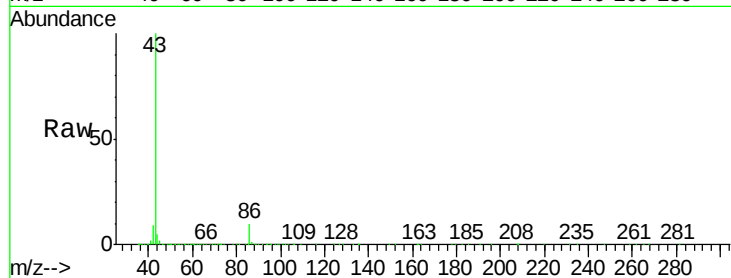
#23
 Vinyl Acetate
 Concen: 248.479 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. -0.00 min
 Lab File: VX018086.D
 Acq: 26 Aug 2020 18:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 3703451
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.9 11.9

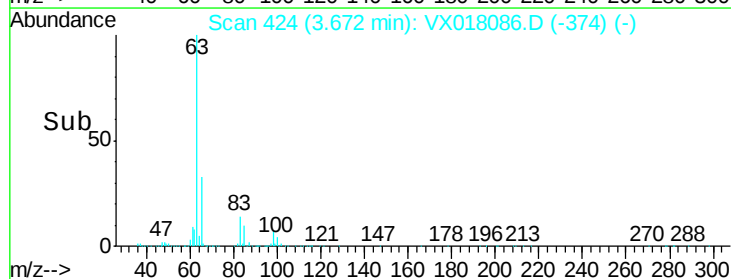
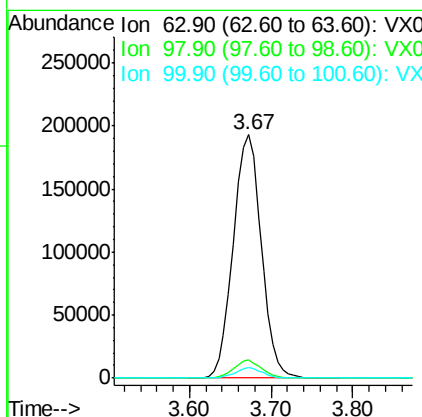
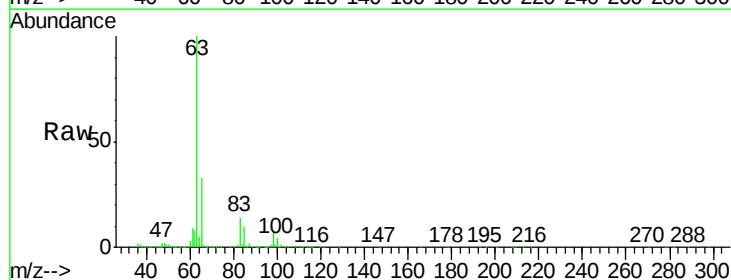
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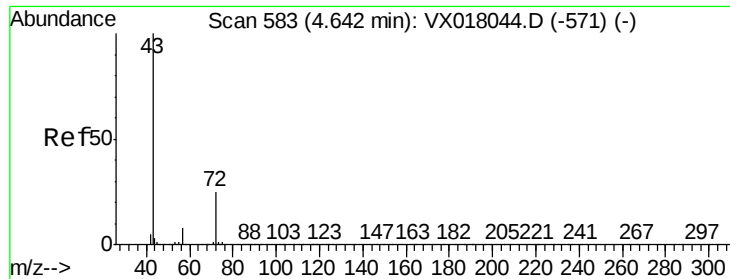
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#24
 1,1-Dichloroethane
 Concen: 48.218 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.01 min
 Lab File: VX018086.D
 Acq: 26 Aug 2020 18:37

Tgt Ion: 63 Resp: 459754
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.8
 100 4.1 2.0 6.0





#25

2-Butanone

Concen: 232.668 ug/l

RT: 4.64 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

Tot Ion: 43 Resp: 999837

Ion Ratio Lower Upper

43 100

72 26.7 19.8 29.6

Instrument :

MSVOA_X

ClientSampleId :

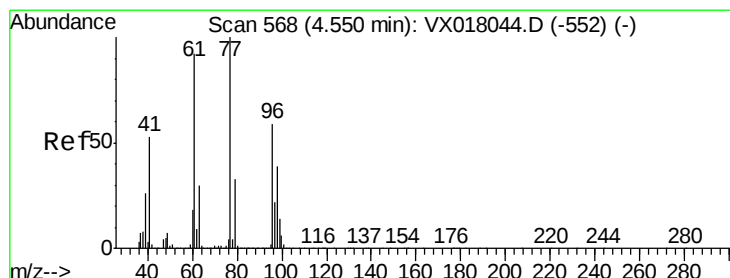
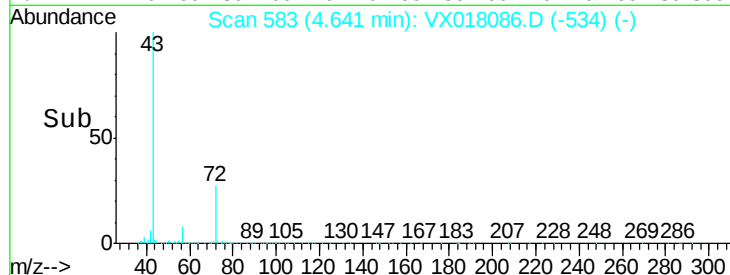
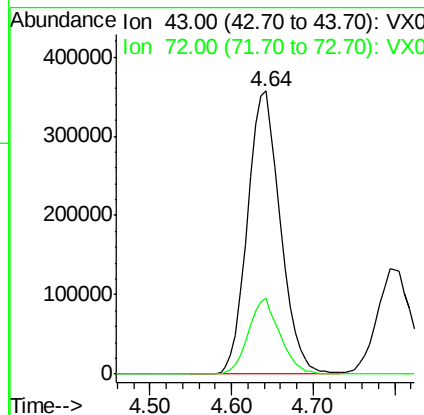
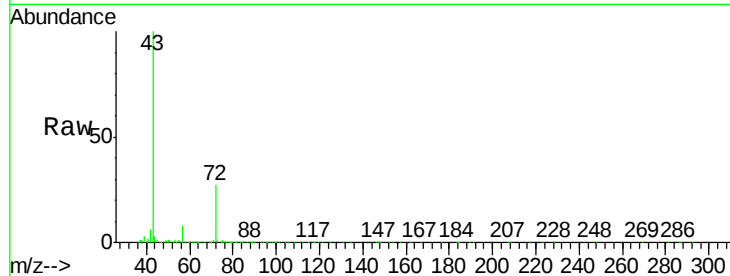
VSTDCCC050EC

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.635 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018086.D

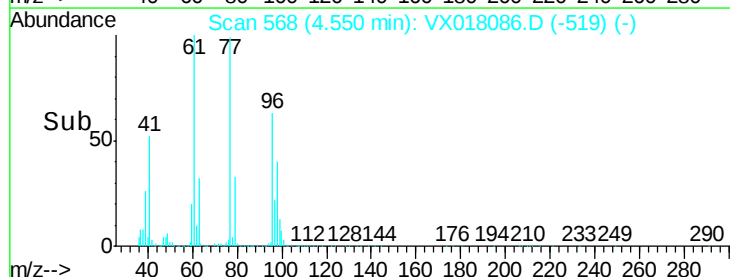
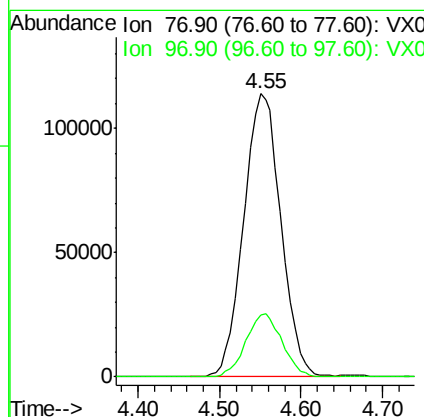
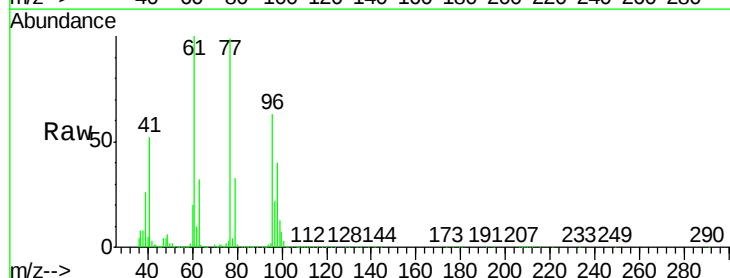
Acq: 26 Aug 2020 18:37

Tgt Ion: 77 Resp: 361798

Ion Ratio Lower Upper

77 100

97 22.1 11.5 34.5





#27

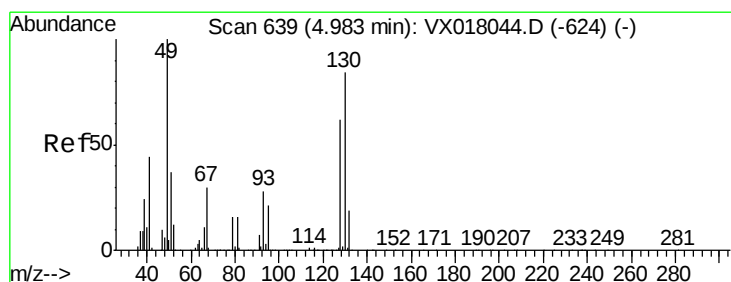
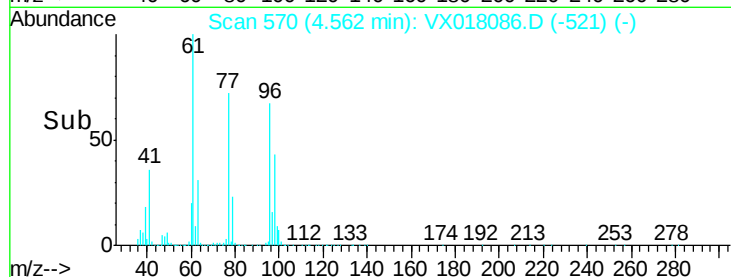
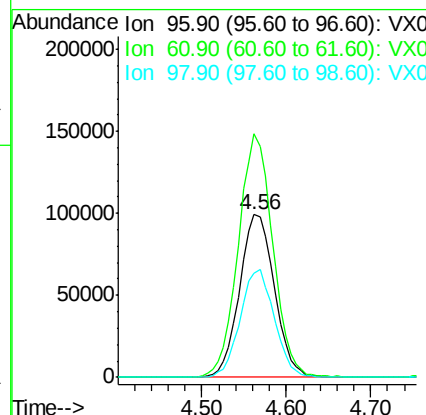
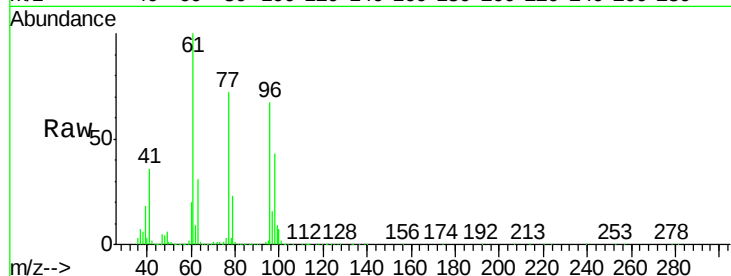
cis-1,2-Dichloroethene
Concen: 46.030 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018086.D
Acq: 26 Aug 2020 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	277554		
61	148.4	0.0	296.6	
98	64.9	0.0	130.2	

Manual Integrations
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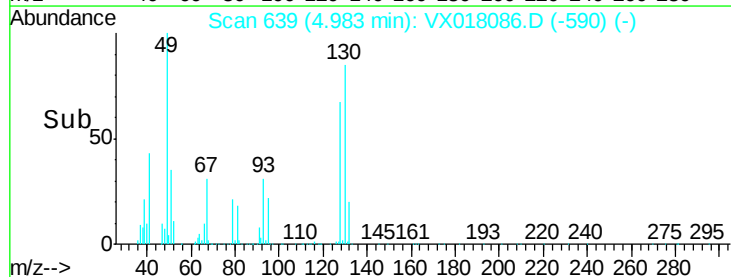
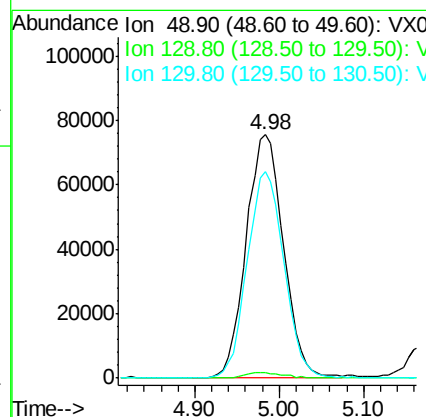
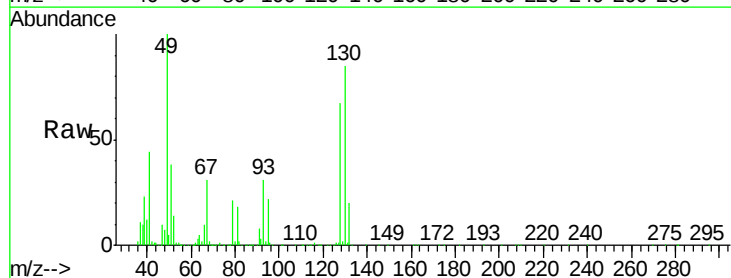
MMDadoda
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#28

Bromochloromethane
Concen: 49.383 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018086.D
Acq: 26 Aug 2020 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	227282		
129	2.4	0.0	4.6	
130	84.3	64.6	96.8	





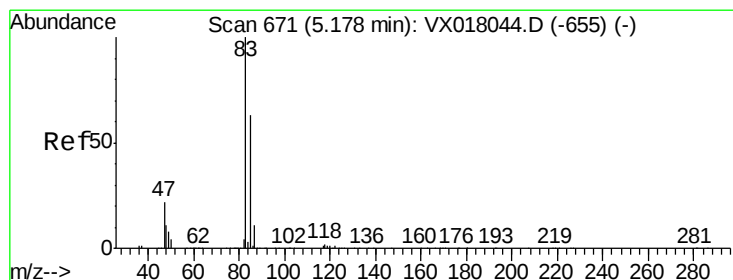
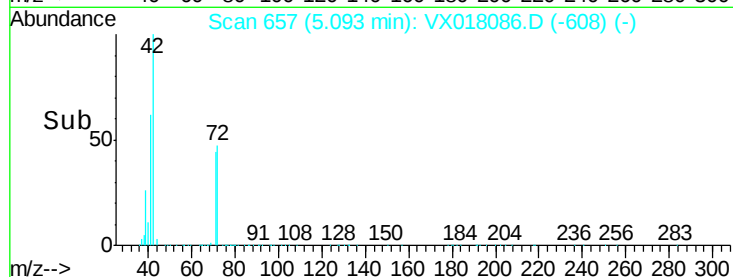
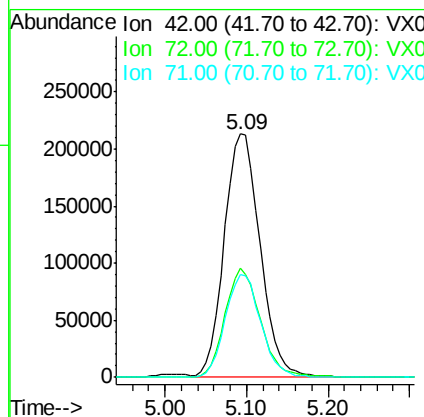
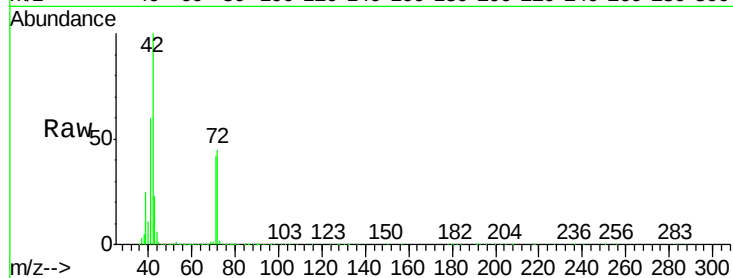
#29
Tetrahydrofuran
Concen: 235.589 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX018086.D
Acq: 26 Aug 2020 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	34.2	51.4
71	42.0	32.1	48.1

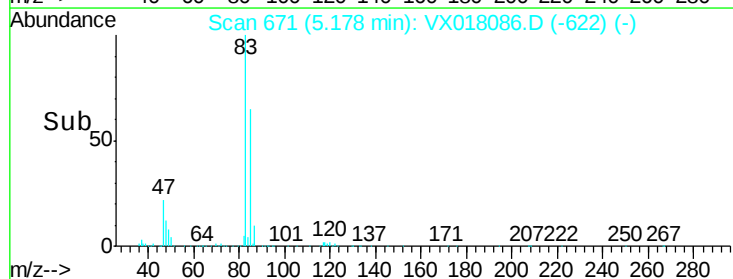
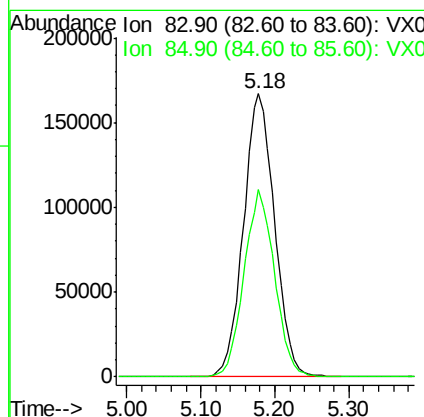
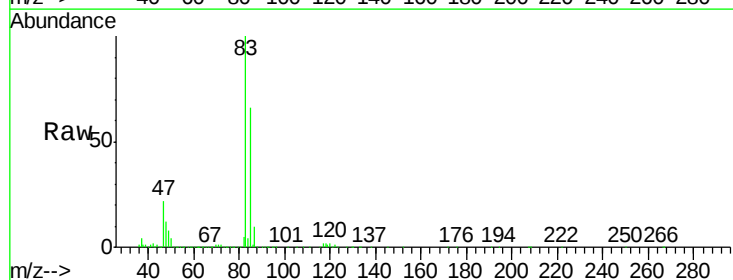
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#30
Chloroform
Concen: 49.630 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018086.D
Acq: 26 Aug 2020 18:37

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.1	50.7	76.1





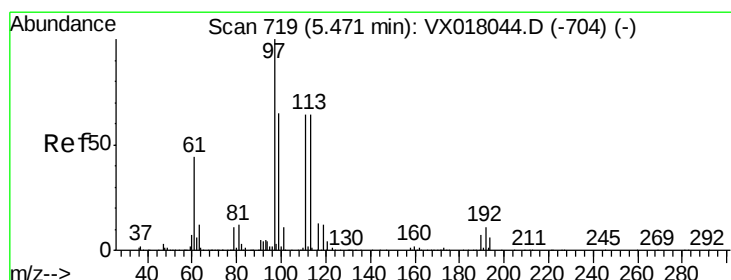
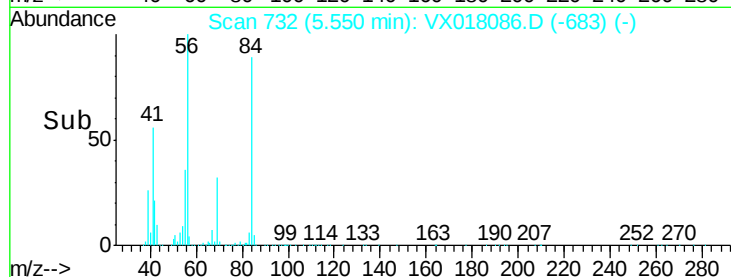
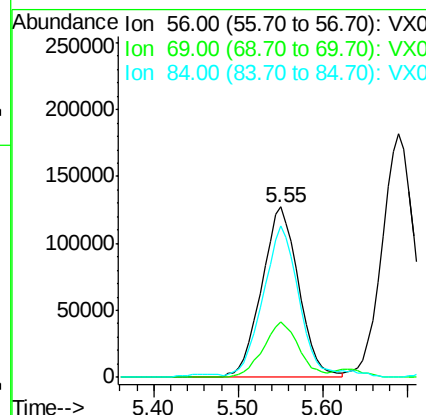
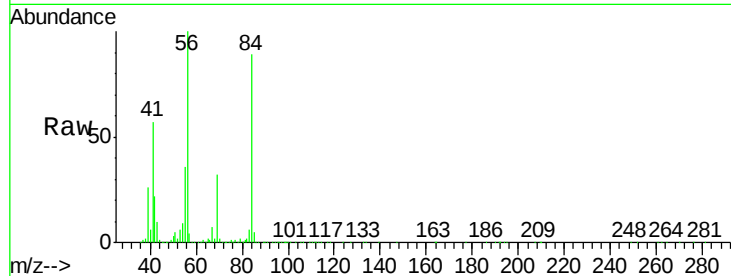
#31
Cyclohexane
Concen: 47.943 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018086.D
Acq: 26 Aug 2020 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.2	23.9	35.9
84	87.3	67.0	100.4

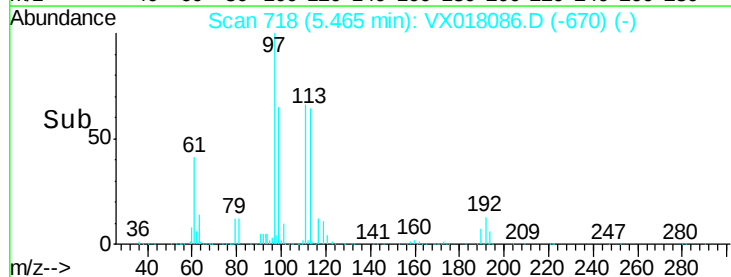
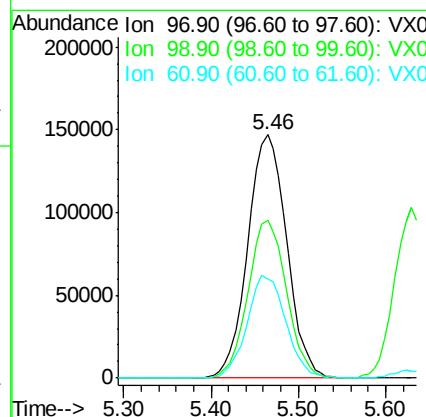
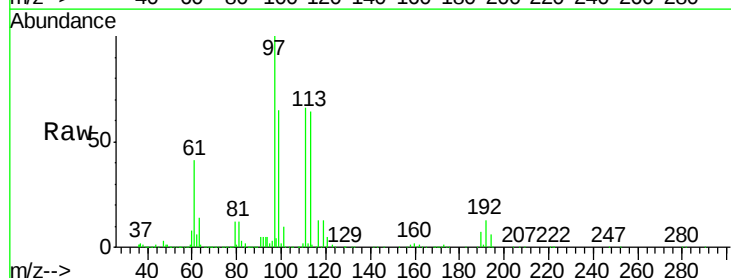
Manual Integrations
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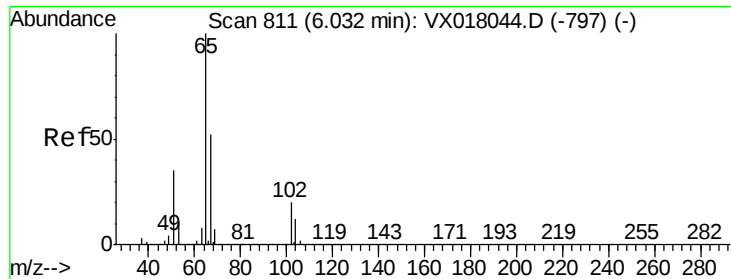
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8/27/2020 12:19:14 PM



#32
1,1,1-Trichloroethane
Concen: 50.406 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018086.D
Acq: 26 Aug 2020 18:37

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.0
61	42.3	34.2	51.4





#33

1,2-Dichloroethane-d4

Concen: 51.695 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 346889

Ion Ratio Lower Upper

65 100

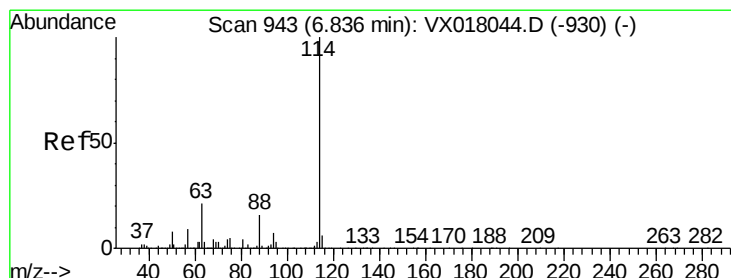
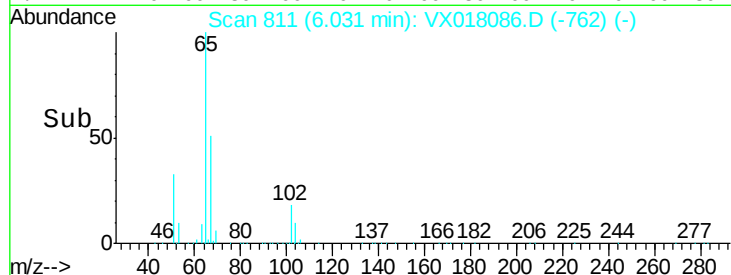
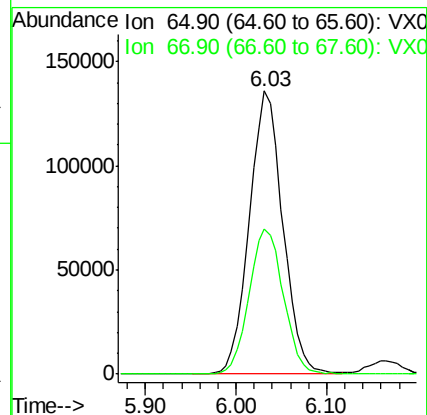
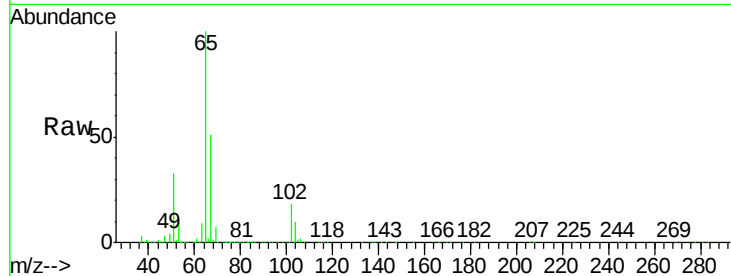
67 52.3 0.0 105.8

Manual Integrations

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8/27/2020 12:19:14 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

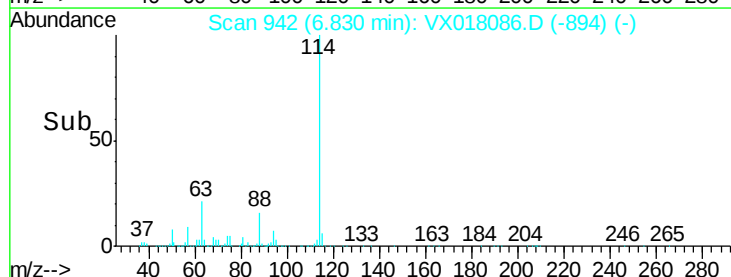
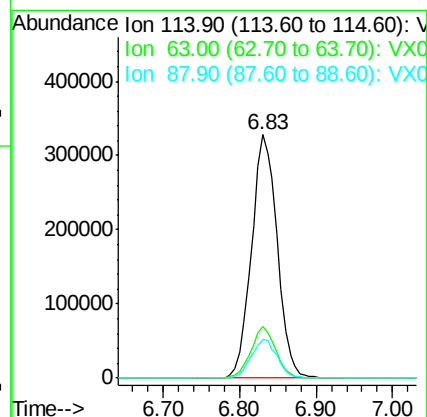
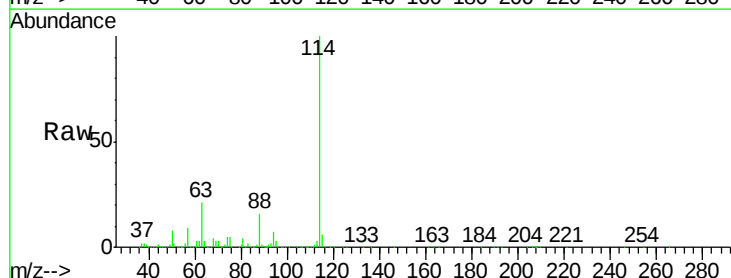
Tgt Ion: 114 Resp: 767652

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

88 15.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 51.920 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

Instrument :

MSVOA_X

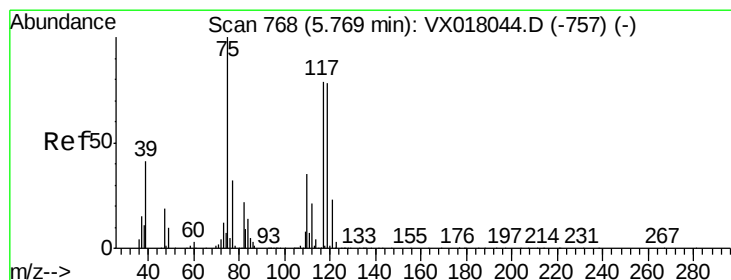
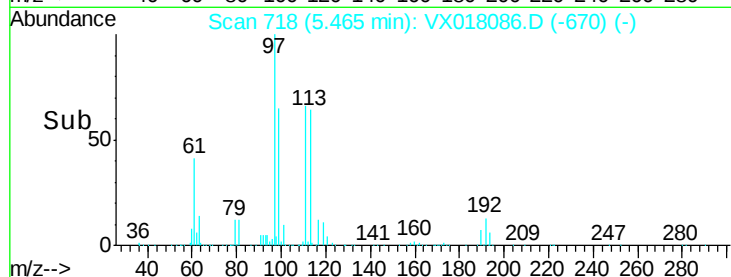
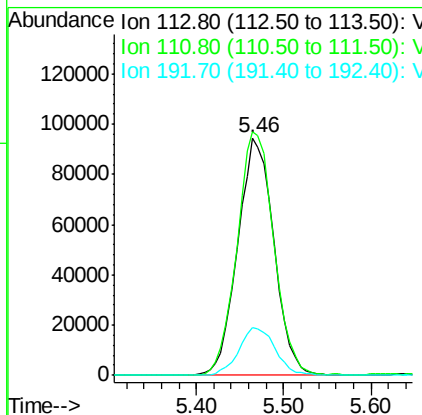
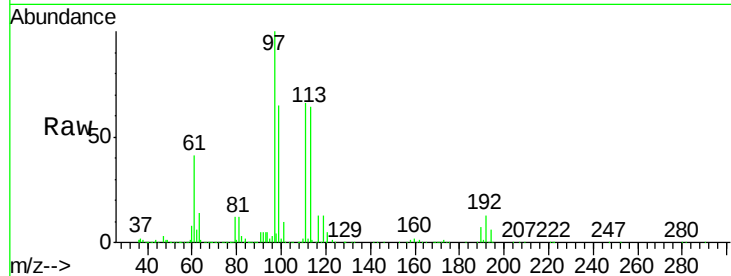
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	271442
Ion Ratio	Lower	Upper	
113	100		
111	104.2	81.6	122.4
192	20.2	15.8	23.8

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#36

1,1-Dichloropropene

Concen: 49.046 ug/l

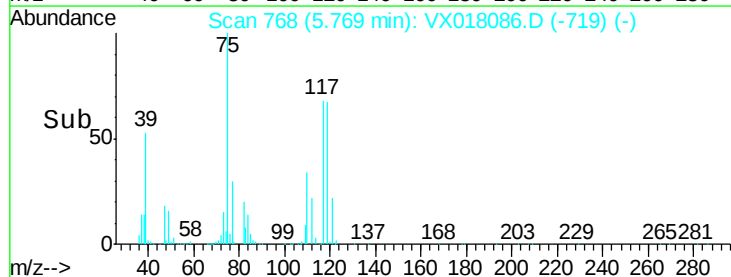
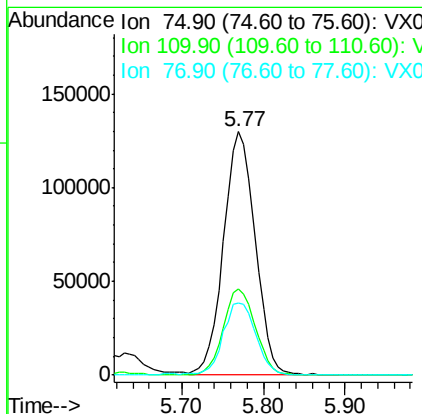
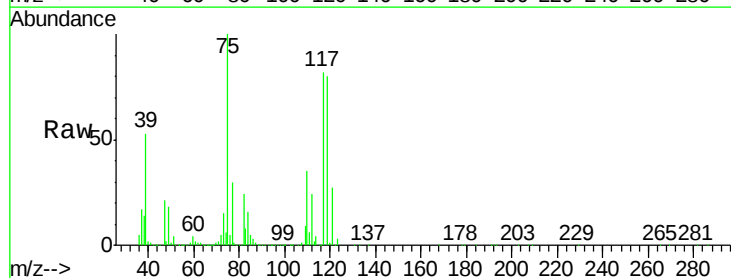
RT: 5.77 min Scan# 768

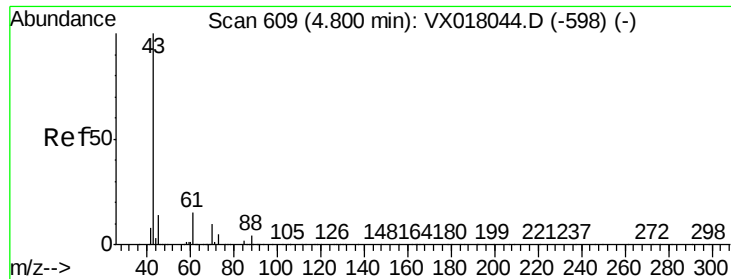
Delta R.T. -0.00 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

Tgt Ion:	75	Resp:	347267
Ion Ratio	Lower	Upper	
75	100		
110	36.0	18.0	54.0
77	30.6	24.4	36.6





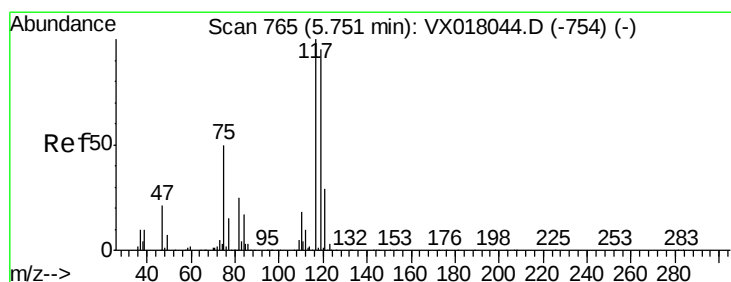
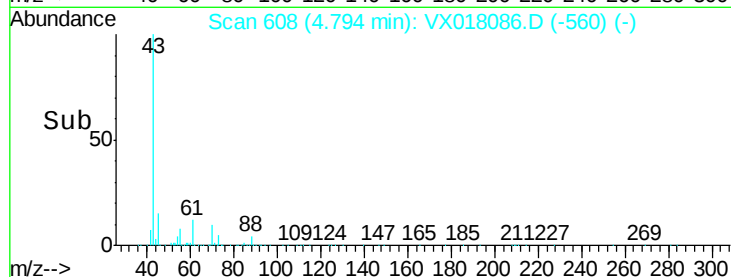
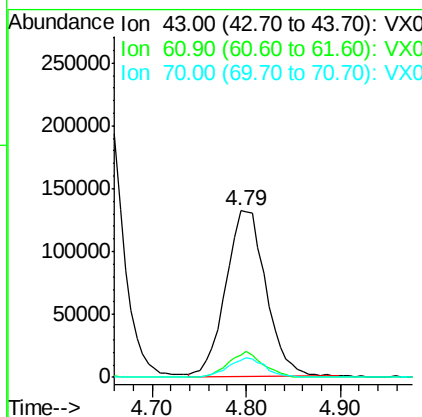
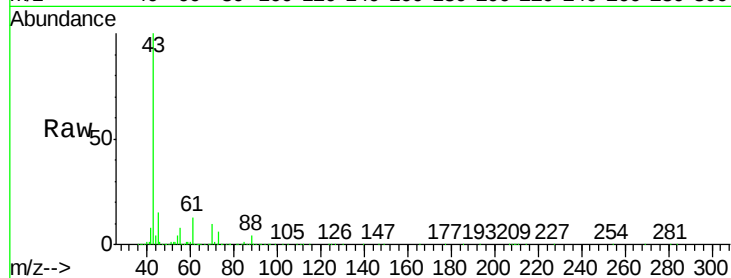
#37
Ethyl Acetate
Concen: 47.417 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018086.D
Acq: 26 Aug 2020 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	389932
Ion	Ratio	Lower	Upper
43	100		
61	13.7	11.3	16.9
70	11.1	8.2	12.4

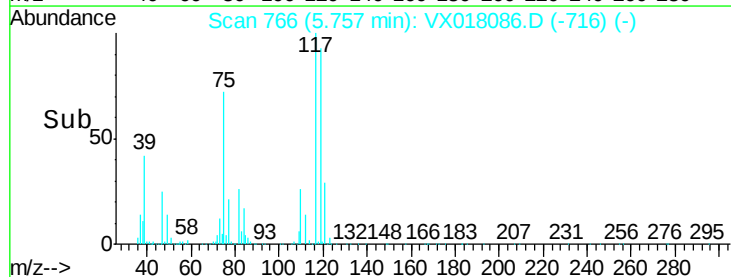
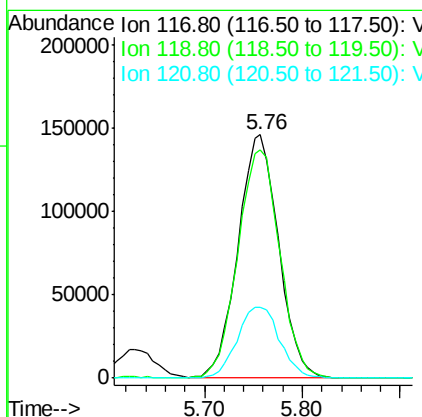
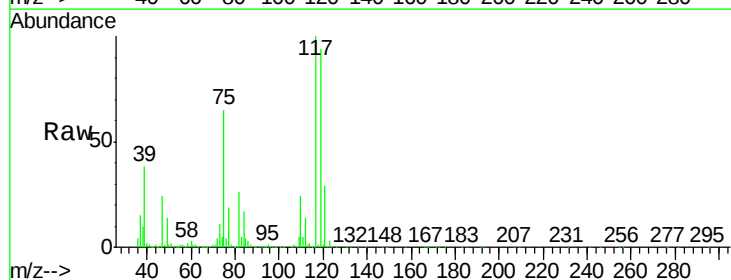
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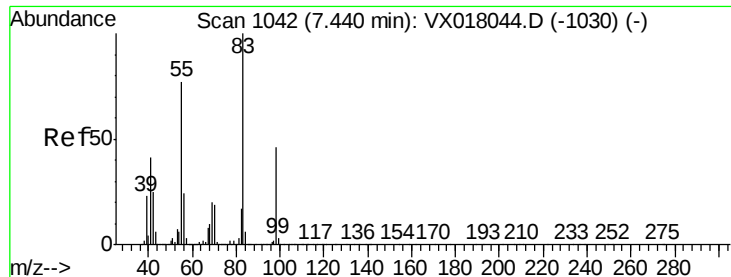
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#38
Carbon Tetrachloride
Concen: 52.584 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018086.D
Acq: 26 Aug 2020 18:37

Tgt Ion:	117	Resp:	419587
Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.8	113.6
121	29.2	23.4	35.0





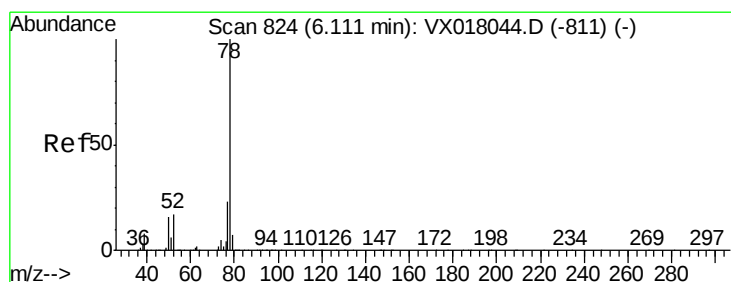
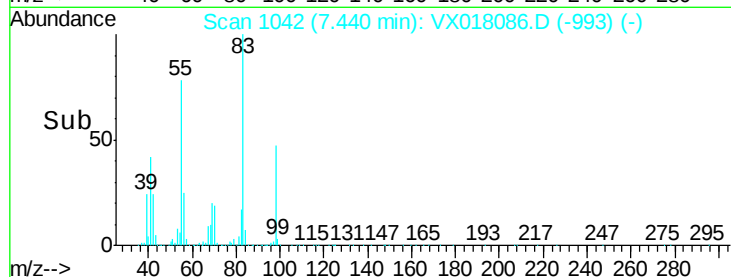
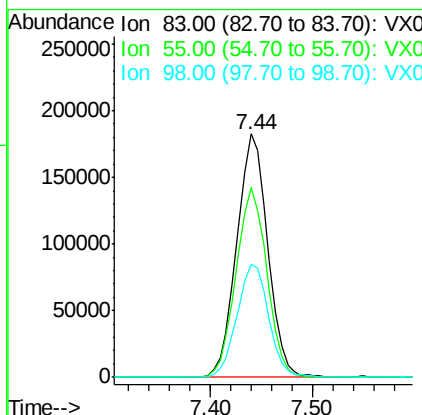
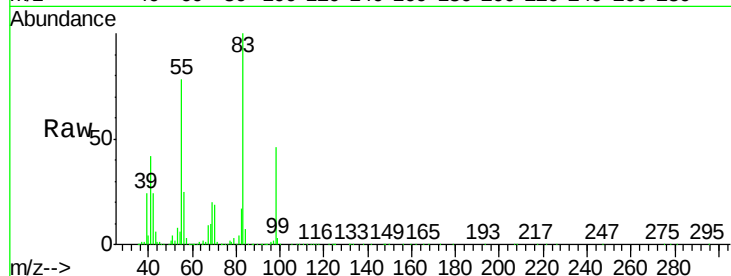
#39
Methvlcvclohexane
Concen: 49.867 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018086.D
Acq: 26 Aug 2020 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.6	61.8	92.6
98	46.4	36.6	55.0

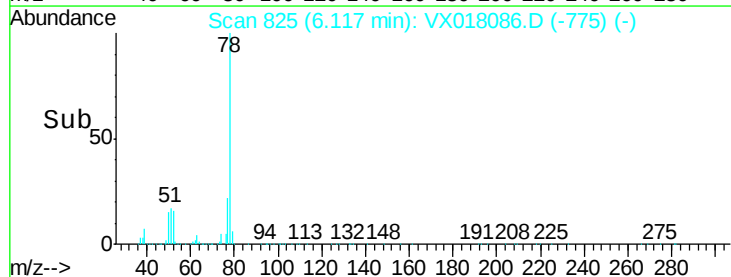
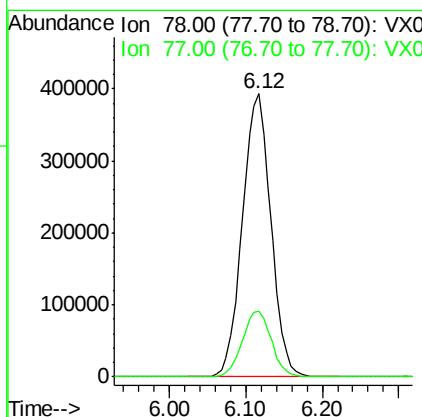
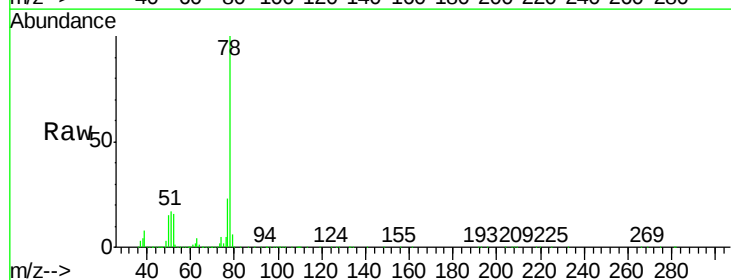
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#40
Benzene
Concen: 48.852 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018086.D
Acq: 26 Aug 2020 18:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.2	27.2





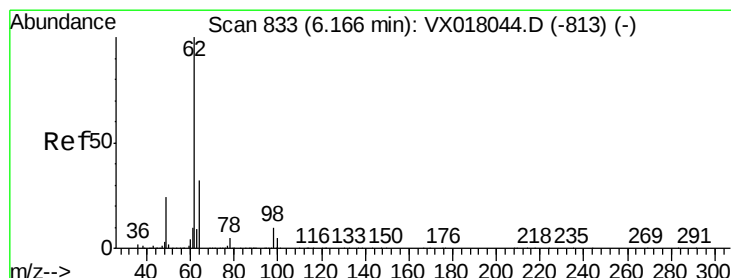
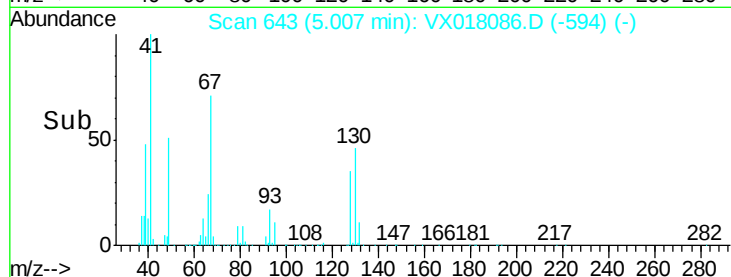
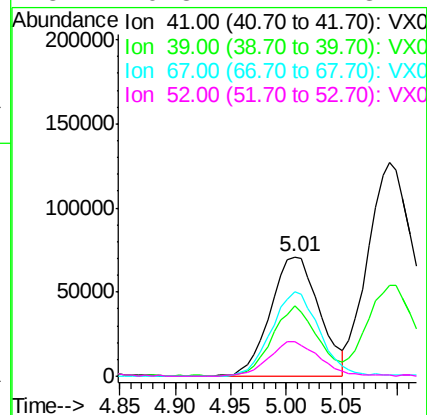
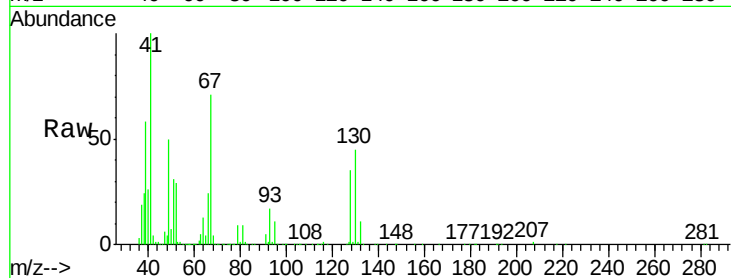
#41
Methacrylonitrile
Concen: 48.007 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX018086.D
Acq: 26 Aug 2020 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
216764	41	100		
	39	54.5	43.1	64.7
	67	69.9	56.0	84.0
	52	29.8	22.7	34.1

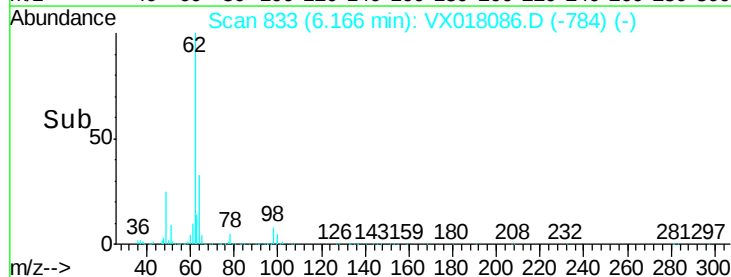
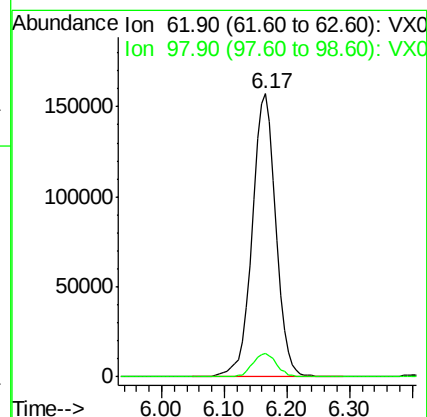
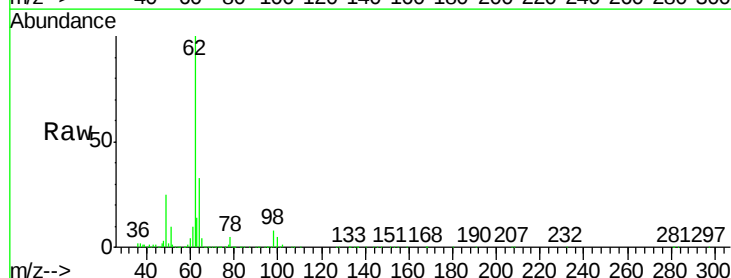
Manual Integrations
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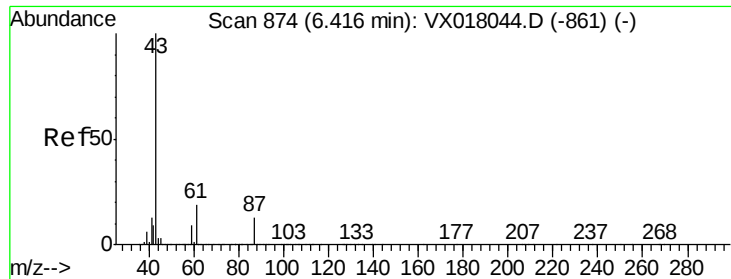
MMDadoda
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#42
1,2-Dichloroethane
Concen: 51.261 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX018086.D
Acq: 26 Aug 2020 18:37

Tgt Ion	Ion	Ratio	Lower	Upper
408611	62	100		
	98	8.5	0.0	18.2





#43

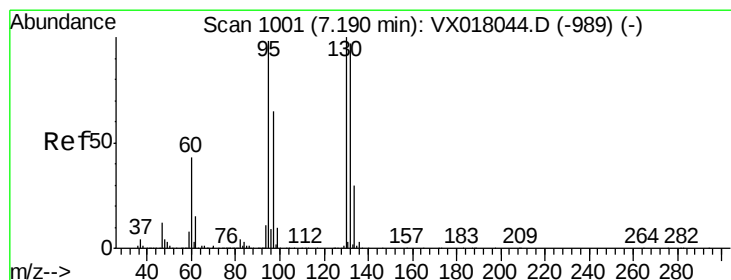
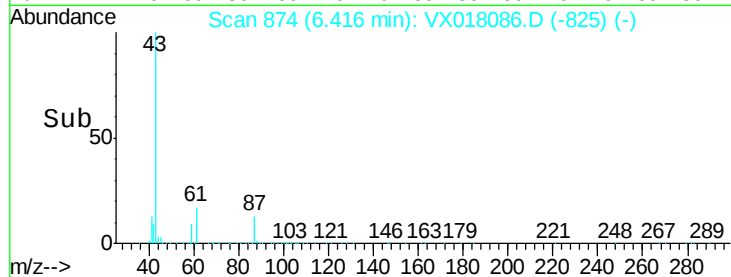
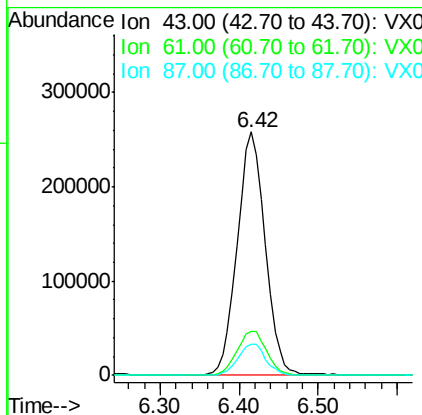
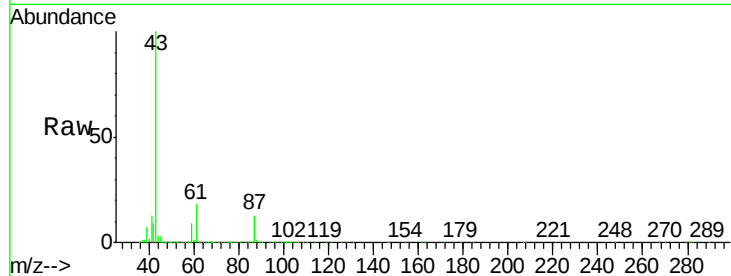
Isopropyl Acetate
 Concen: 47.883 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX018086.D
 Acq: 26 Aug 2020 18:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.7	23.5
87	12.9	10.3	15.5

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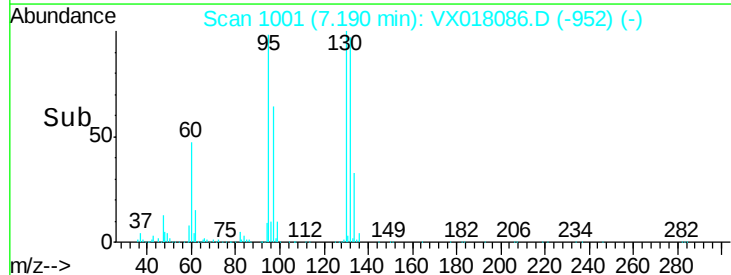
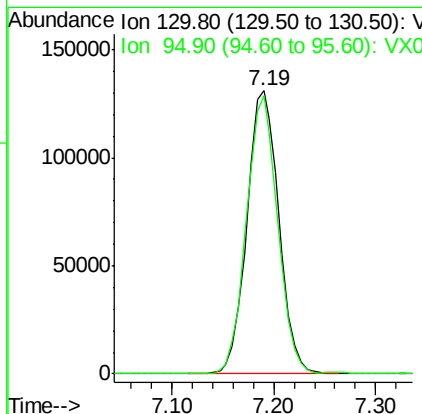
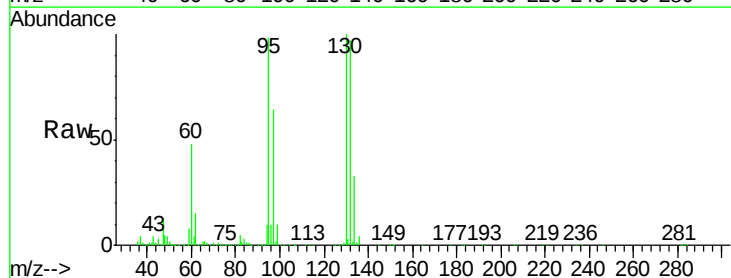
MMDadoda
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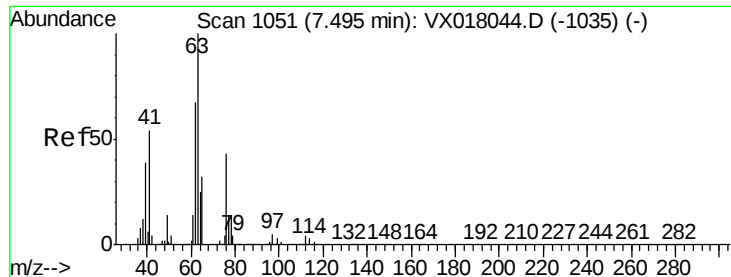


#44

Trichloroethene
 Concen: 48.471 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018086.D
 Acq: 26 Aug 2020 18:37

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.1	0.0	196.4





#45

1,2-Dichloropropane

Concen: 48.693 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 273035

Ion Ratio Lower Upper

63 100

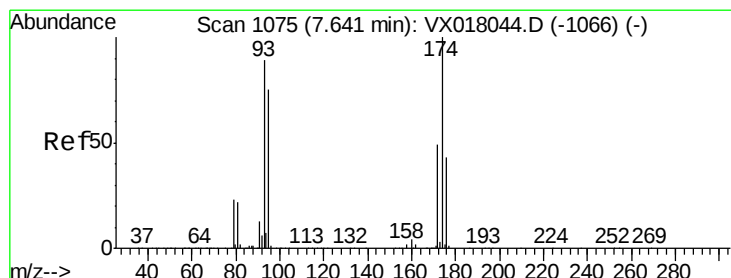
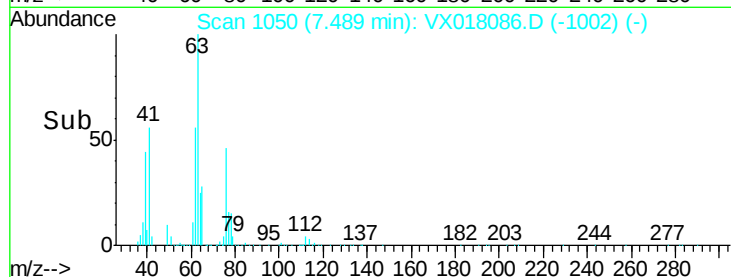
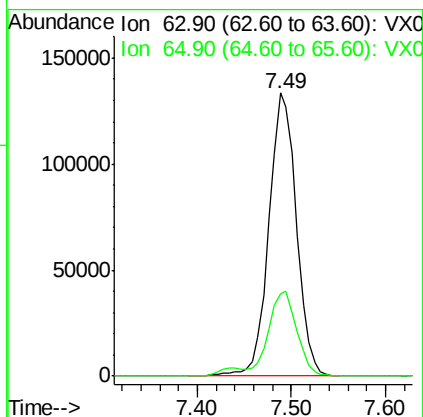
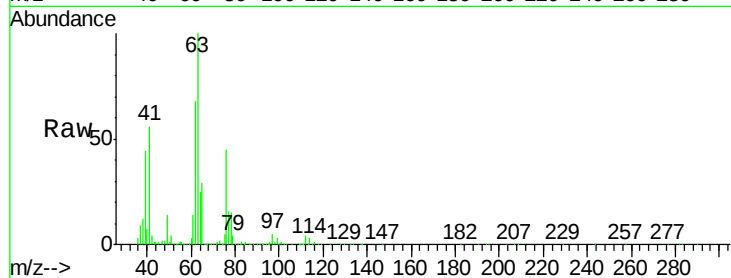
65 28.9 25.7 38.5

Manual Integrations

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#46

Dibromomethane

Concen: 49.302 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

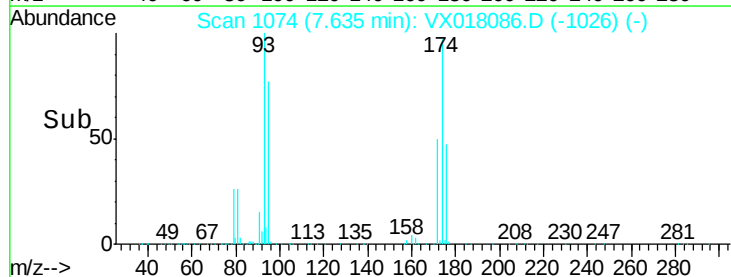
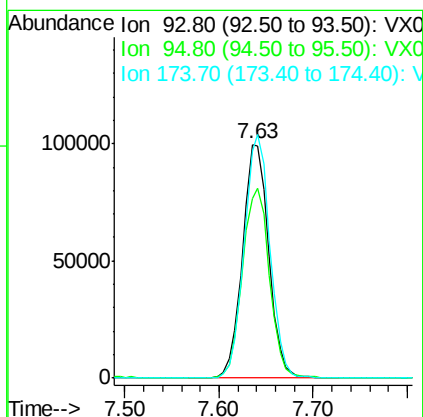
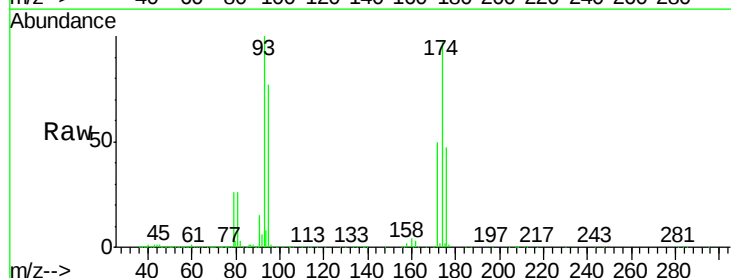
Tgt Ion: 93 Resp: 194406

Ion Ratio Lower Upper

93 100

95 84.0 67.3 100.9

174 102.6 82.2 123.2





#47

Bromodichloromethane

Concen: 51.276 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

Instrument :

MSVOA_X

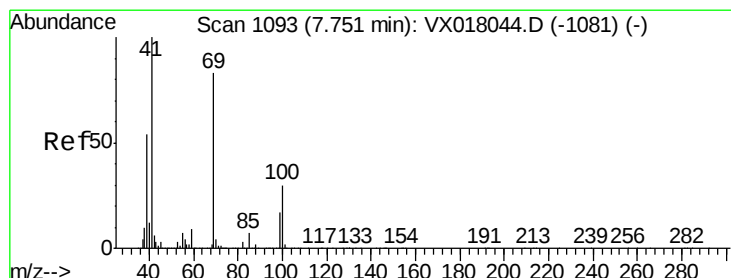
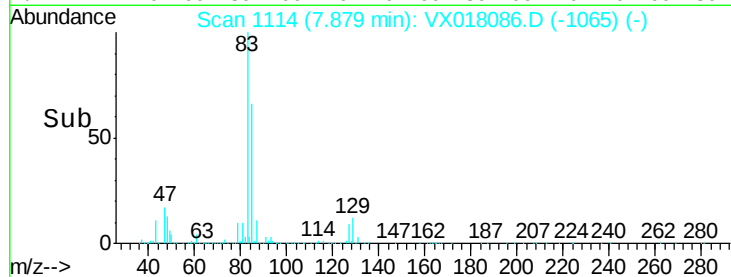
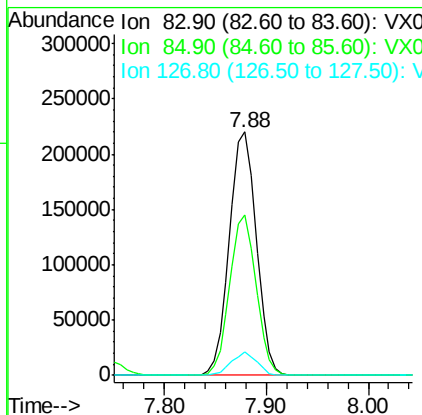
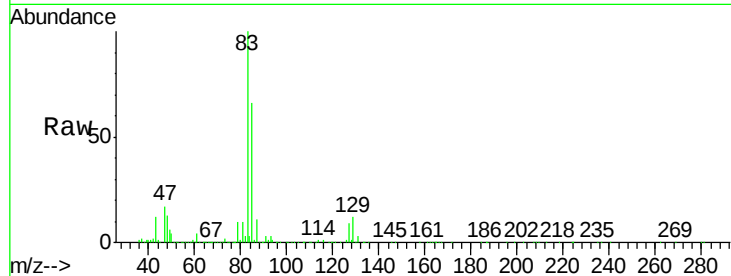
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	403707
Ion Ratio	Lower	Upper	
83	100		
85	65.7	51.8	77.6
127	9.4	7.7	11.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.555 ug/l

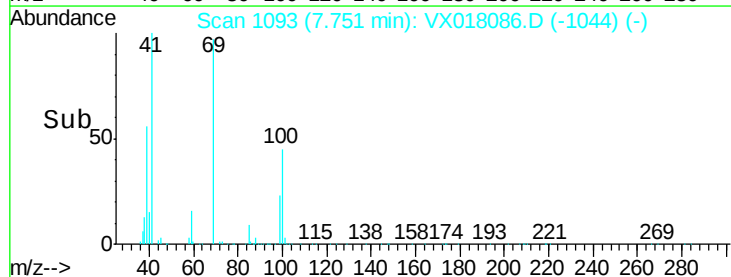
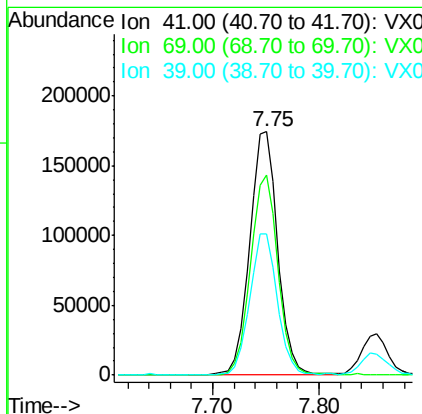
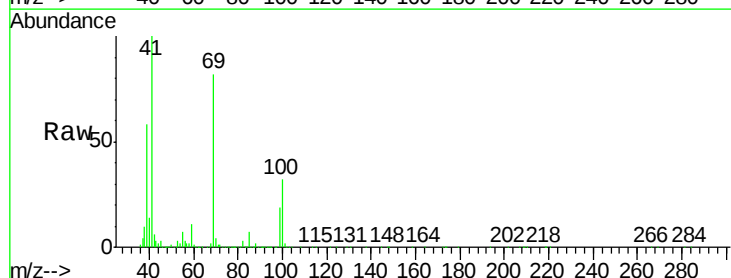
RT: 7.75 min Scan# 1093

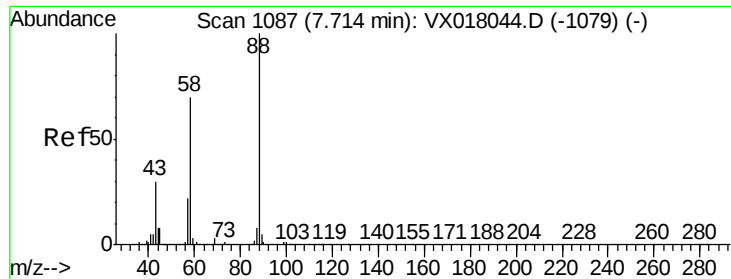
Delta R.T. -0.00 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

Tgt Ion:	41	Resp:	321054
Ion Ratio	Lower	Upper	
41	100		
69	81.0	65.5	98.3
39	56.9	44.5	66.7





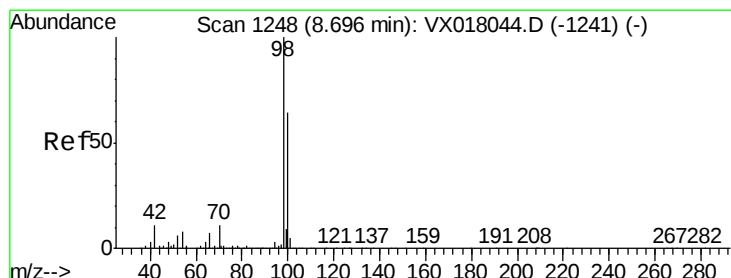
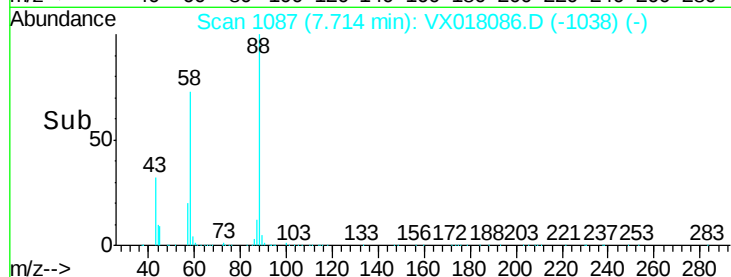
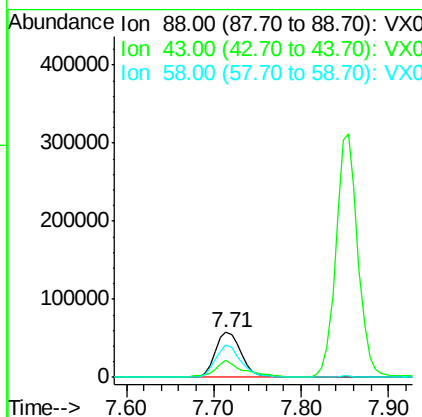
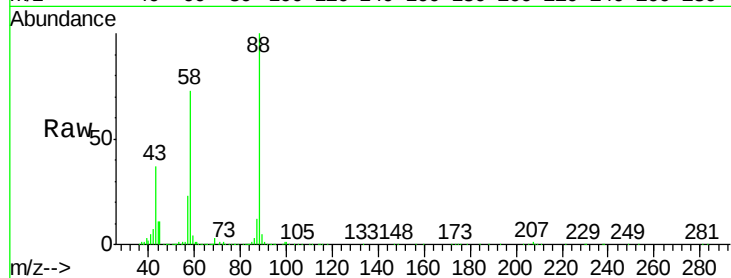
#49
1,4-Dioxane
Concen: 1004.471 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018086.D
Acq: 26 Aug 2020 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.4	27.4	41.0
58	71.7	56.4	84.6

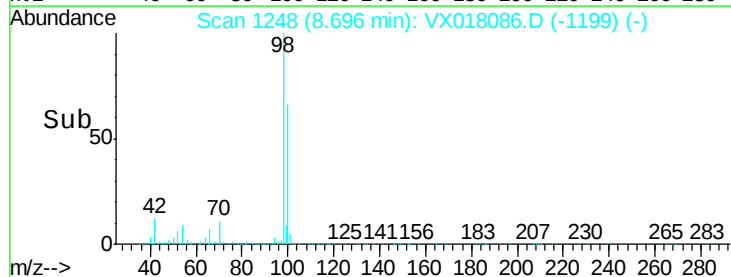
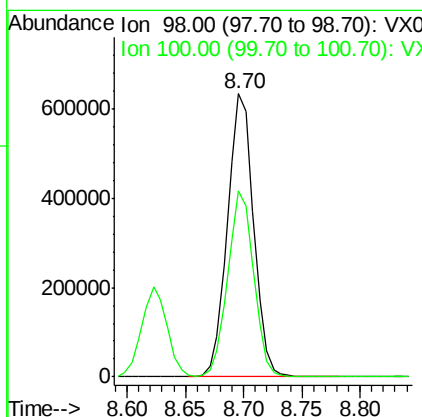
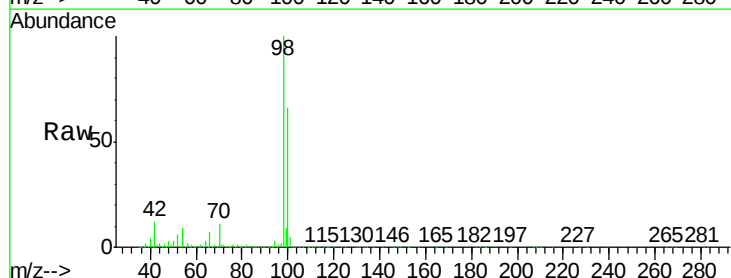
Manual Integrations
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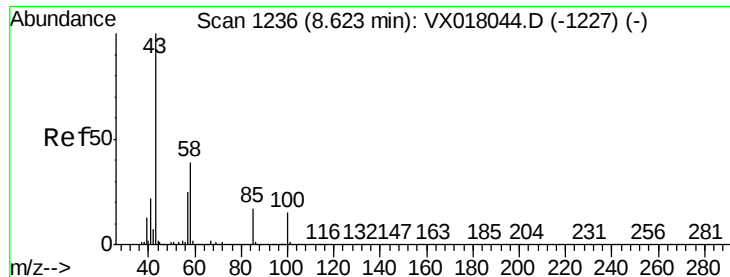
MMDadoda
8/27/2020 12:19:14 PM



#50
Toluene-d8
Concen: 50.919 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018086.D
Acq: 26 Aug 2020 18:37

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.2	78.4





#51

4-Methyl-2-Pentanone

Concen: 247.924 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2034140

Ion Ratio Lower Upper

43 100

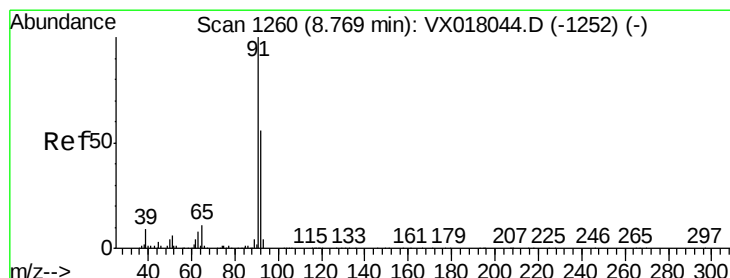
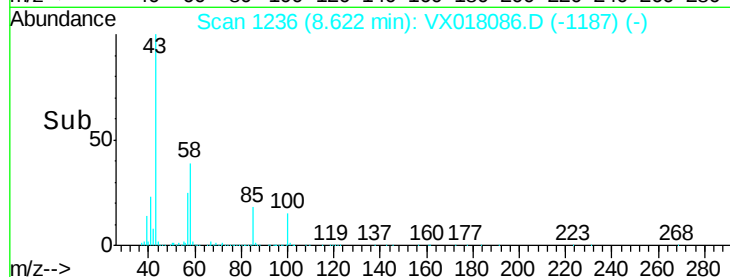
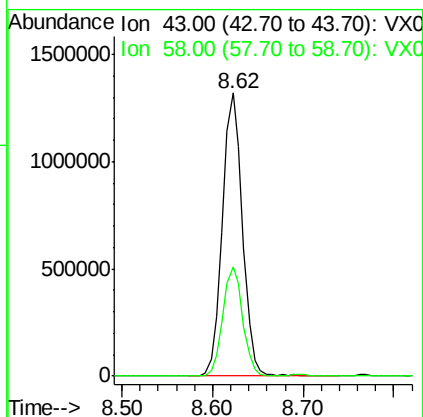
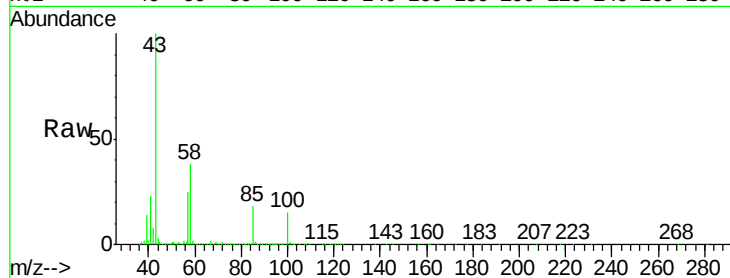
58 38.3 30.7 46.1

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8/27/2020 12:19:14 PM



#52

Toluene

Concen: 49.536 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX018086.D

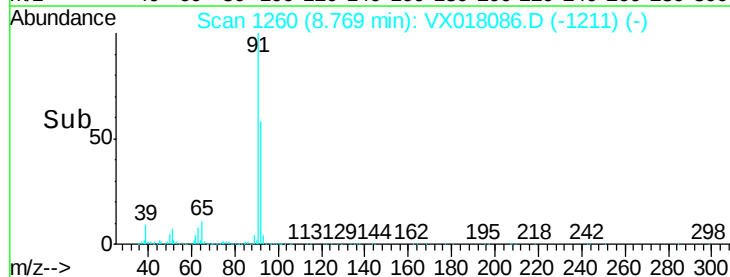
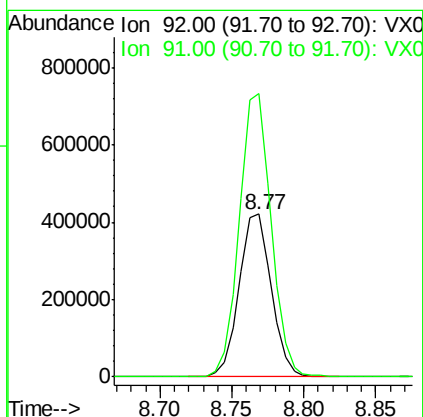
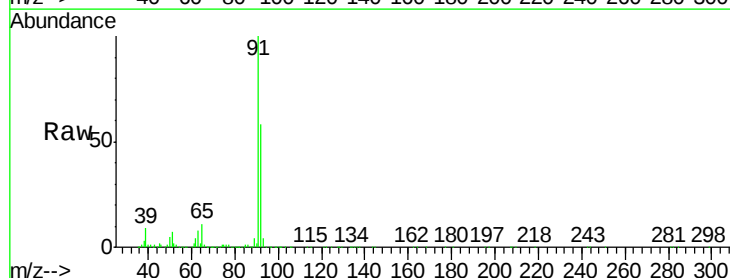
Acq: 26 Aug 2020 18:37

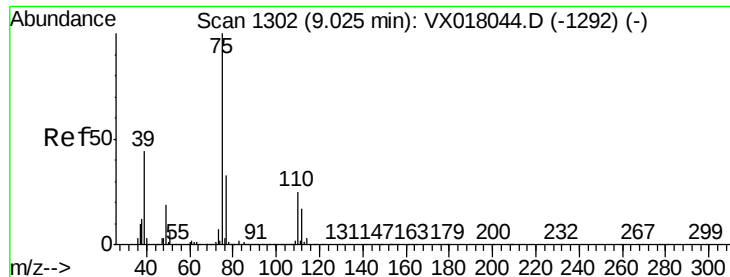
Tgt Ion: 92 Resp: 653505

Ion Ratio Lower Upper

92 100

91 172.0 140.3 210.5





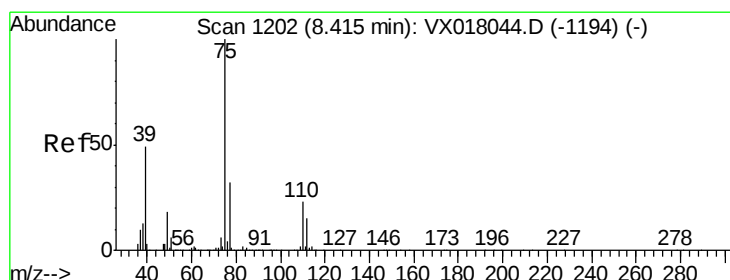
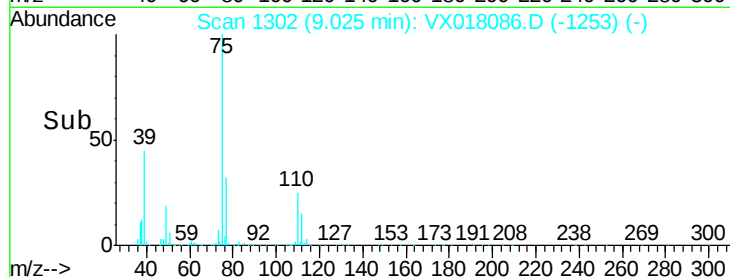
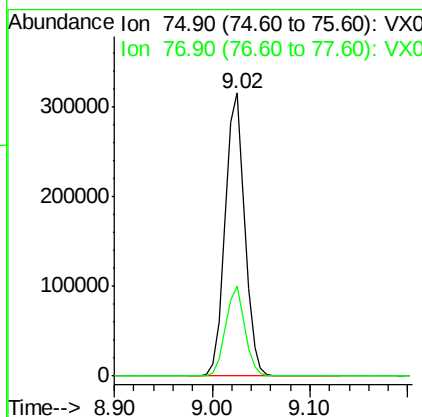
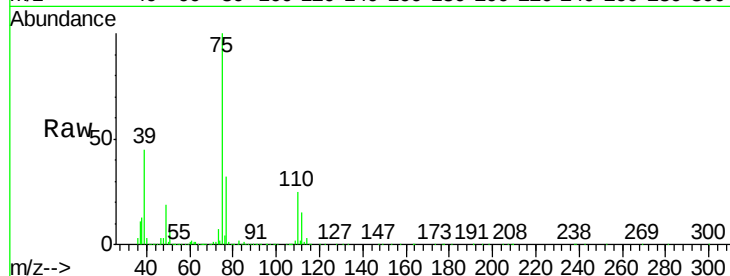
#53
t-1,3-Dichloropropene
Concen: 50.300 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018086.D
Acq: 26 Aug 2020 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	26.6	39.8

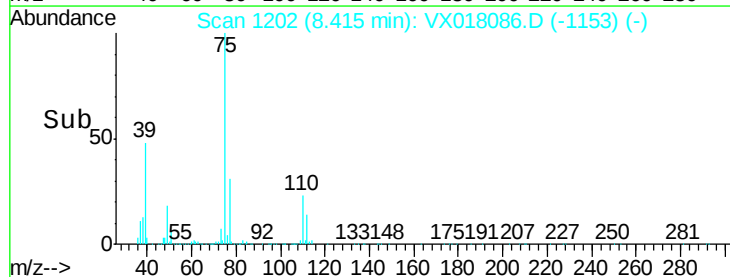
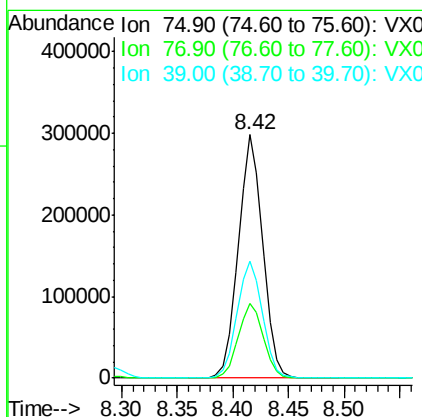
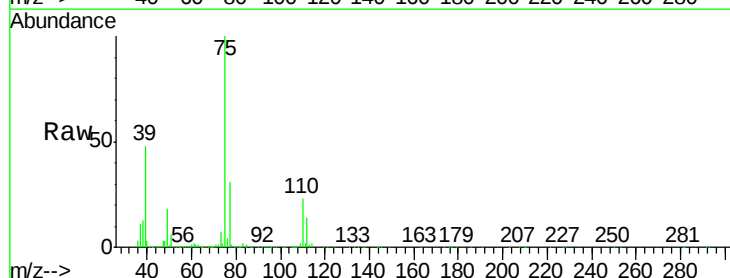
Manual Integrations
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#54
cis-1,3-Dichloropropene
Concen: 49.017 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018086.D
Acq: 26 Aug 2020 18:37

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.7	25.8	38.8
39	47.8	38.8	58.2





#55

1,1,2-Trichloroethane

Concen: 49.194 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

Instrument :

MSVOA_X

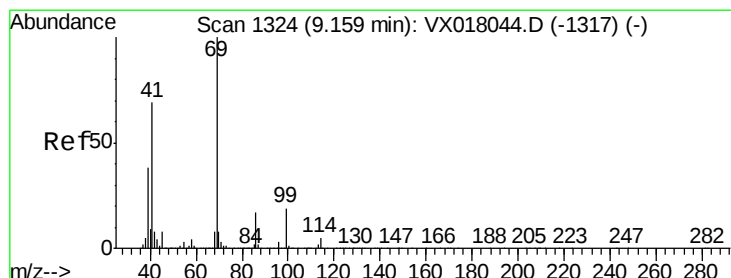
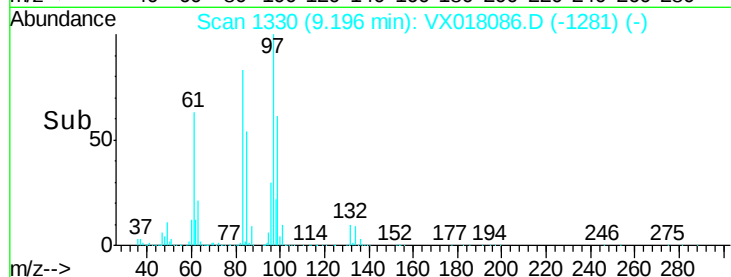
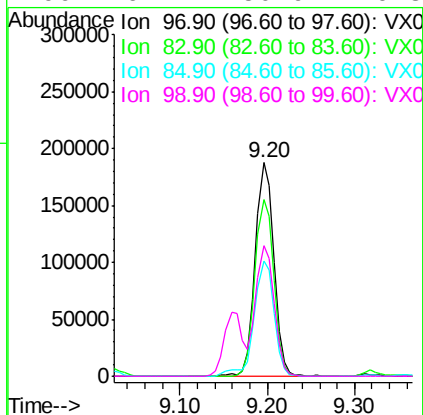
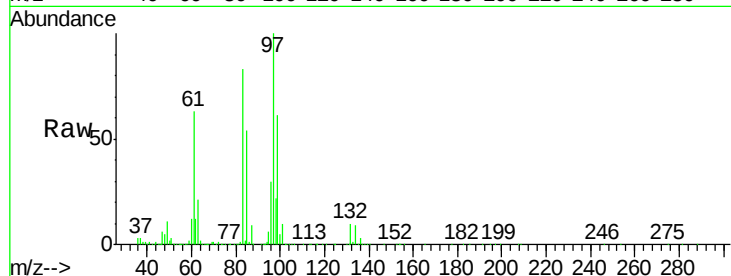
ClientSampleId :

VSTDCCC050EC

Tot Ion	97	Resp	276788
Ion Ratio	Lower	Upper	
97	100		
83	82.7	67.8	101.6
85	53.8	45.3	67.9
99	61.4	50.9	76.3

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#56

Ethyl methacrylate

Concen: 49.763 ug/l

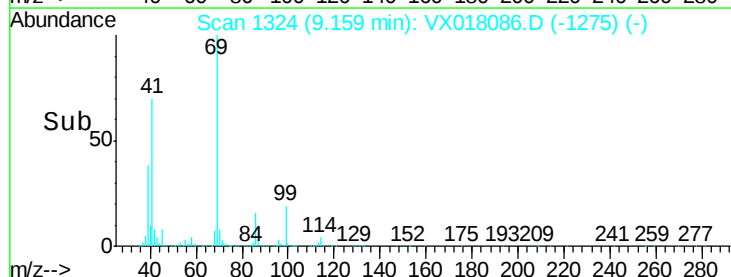
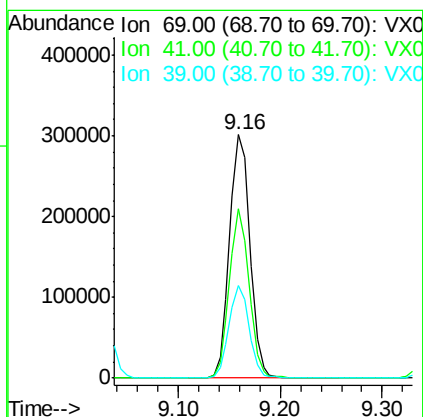
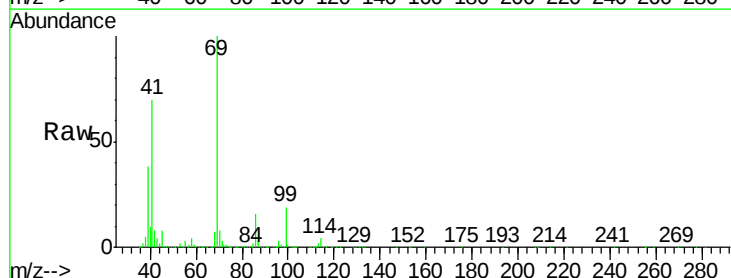
RT: 9.16 min Scan# 1324

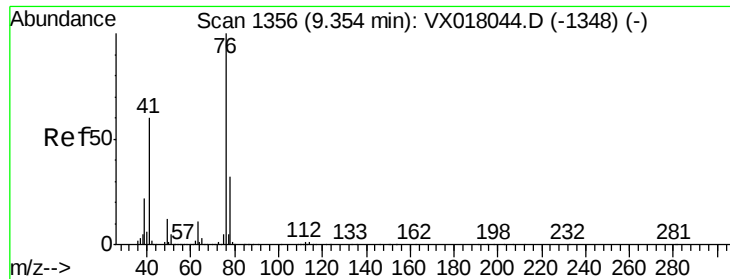
Delta R.T. -0.00 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

Tgt Ion	69	Resp	416239
Ion Ratio	Lower	Upper	
69	100		
41	67.3	54.6	81.8
39	37.5	29.1	43.7





#57

1,3-Dichloropropane

Concen: 48.971 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 454455

Ion Ratio Lower Upper

76 100

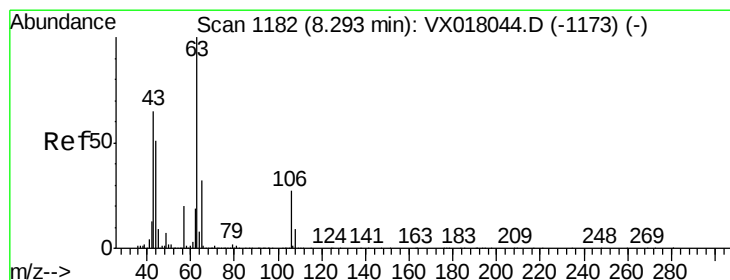
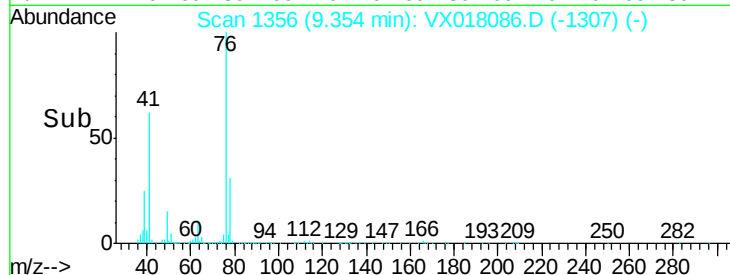
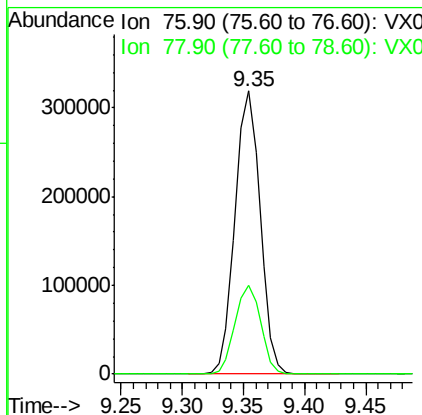
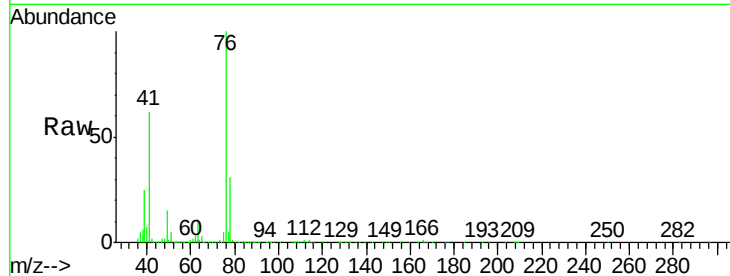
78 32.2 25.8 38.6

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 240.229 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018086.D

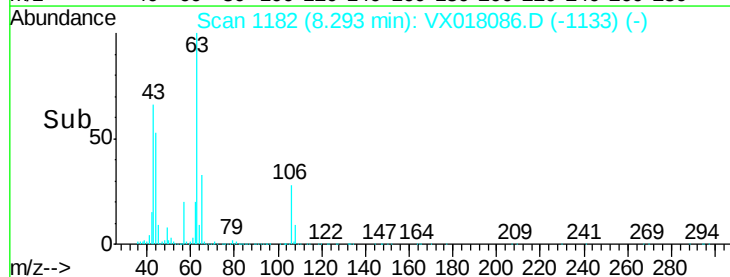
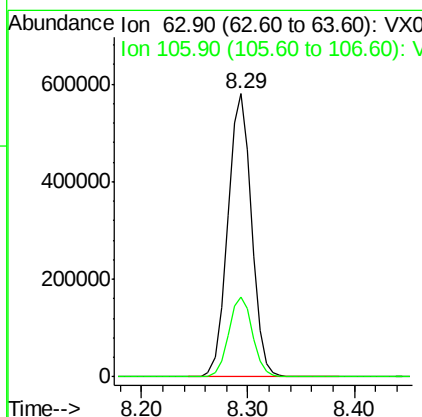
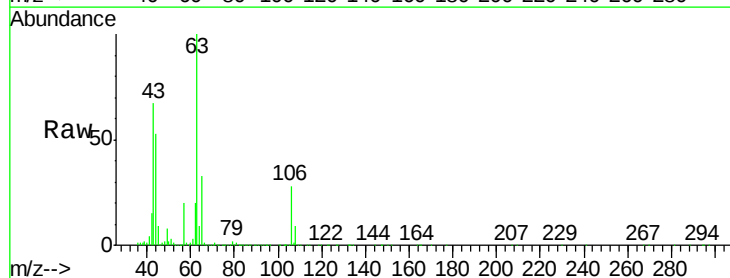
Acq: 26 Aug 2020 18:37

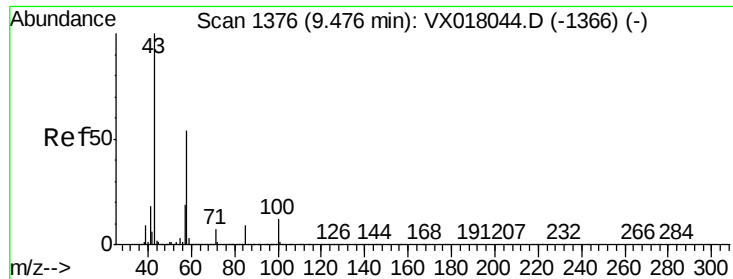
Tgt Ion: 63 Resp: 903900

Ion Ratio Lower Upper

63 100

106 28.4 22.1 33.1





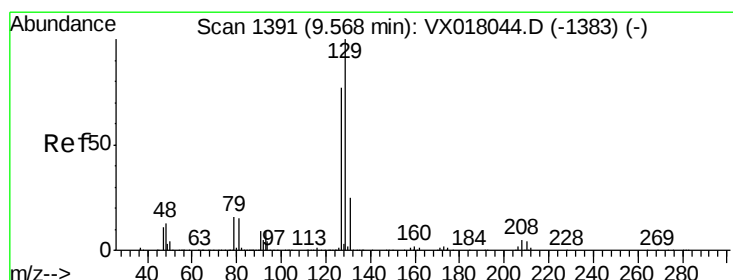
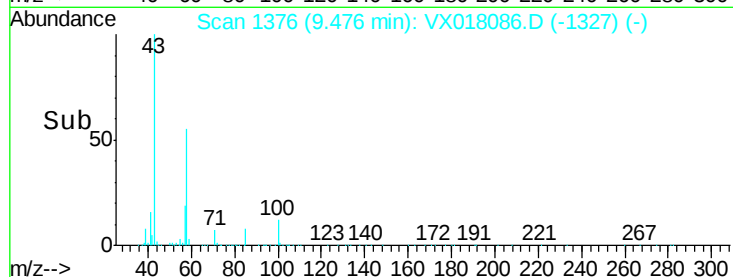
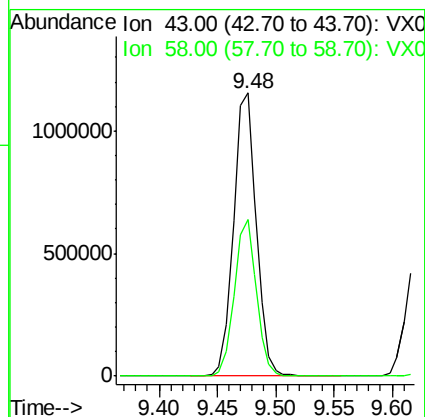
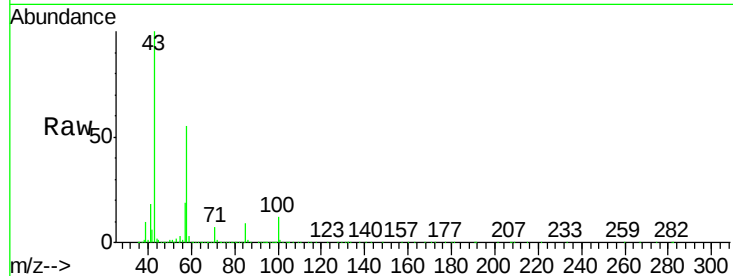
#59
2-Hexanone
Concen: 251.361 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018086.D
Acq: 26 Aug 2020 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1568169
Ion Ratio Lower Upper
43 100
58 53.8 26.6 79.7

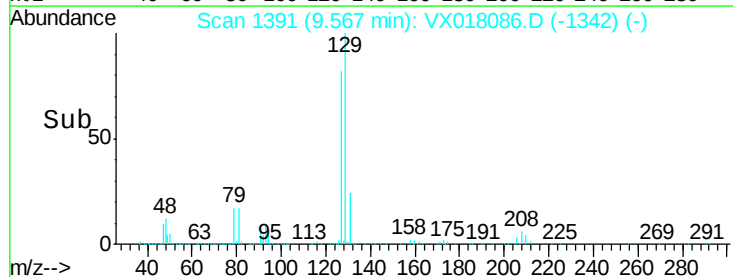
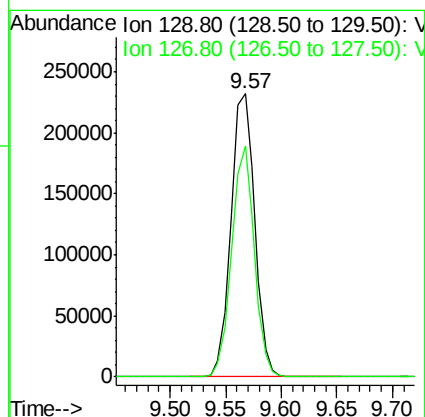
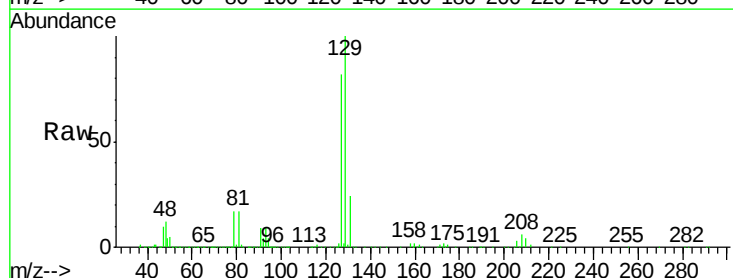
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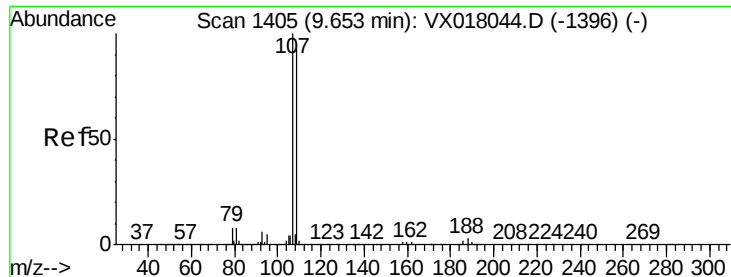
MMDadoda
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#60
Dibromochloromethane
Concen: 52.086 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018086.D
Acq: 26 Aug 2020 18:37

Tgt Ion: 129 Resp: 343789
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.6





#61

1,2-Dibromoethane

Concen: 51.001 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 311539

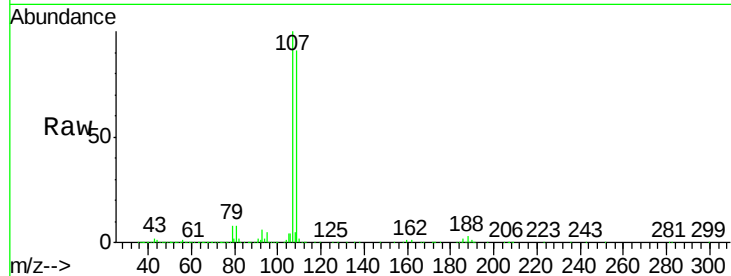
Ion Ratio Lower Upper

107 100

109 91.9 75.9 113.9

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

250000

200000

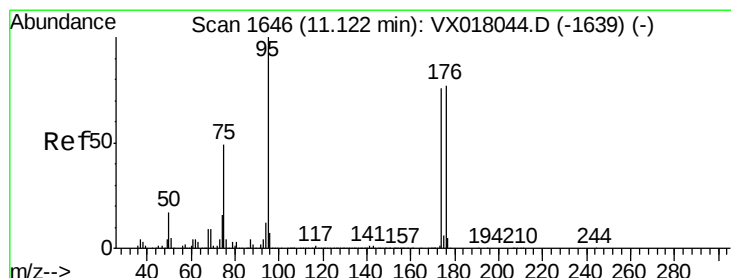
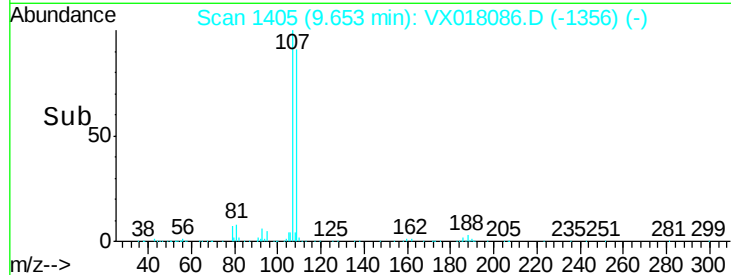
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.233 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

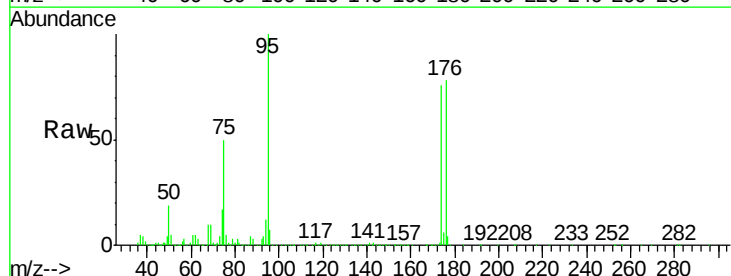
Tgt Ion: 95 Resp: 407824

Ion Ratio Lower Upper

95 100

174 78.2 0.0 160.2

176 78.4 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

400000

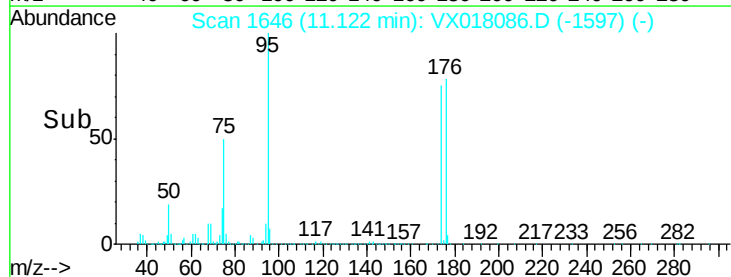
300000

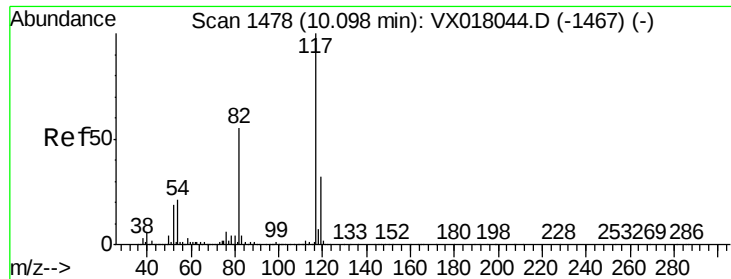
200000

100000

0

Time-->





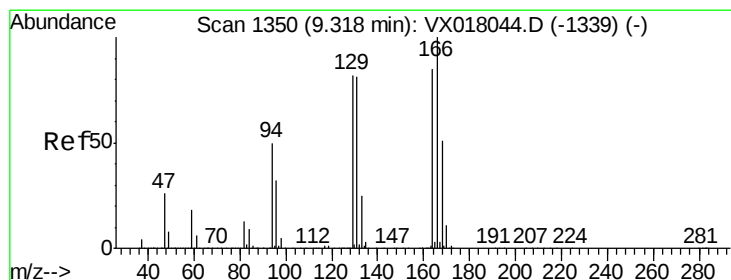
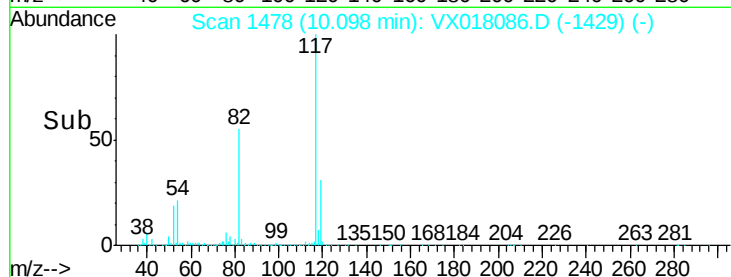
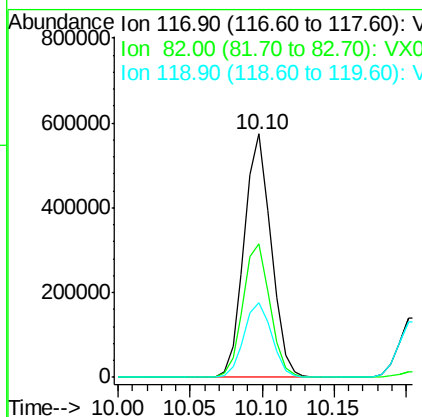
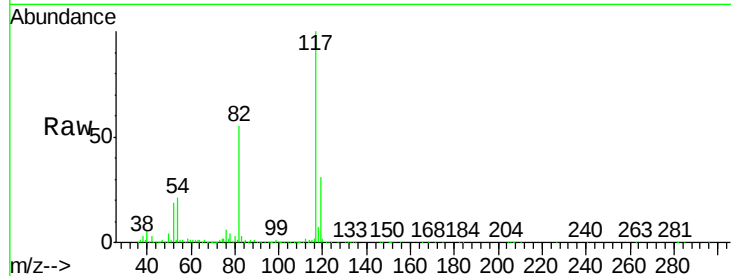
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018086.D
Acq: 26 Aug 2020 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	745032		
82	54.6		44.2	66.2
119	30.6		25.7	38.5

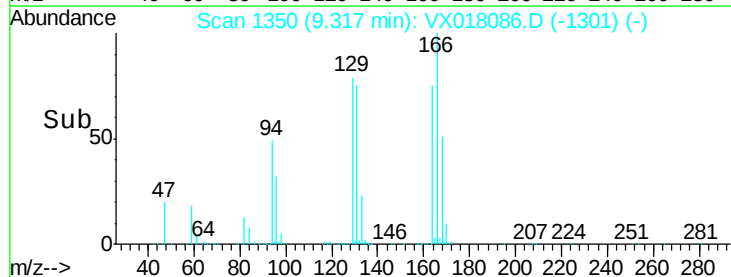
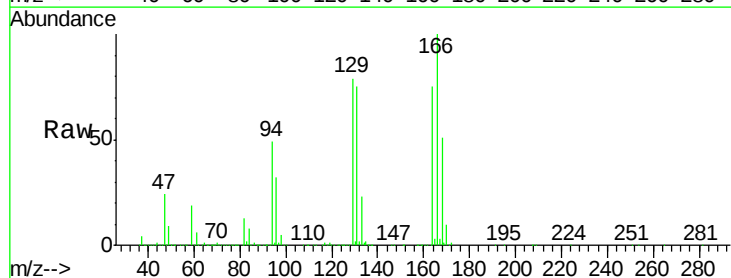
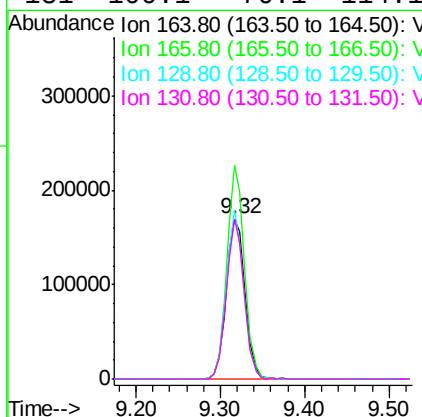
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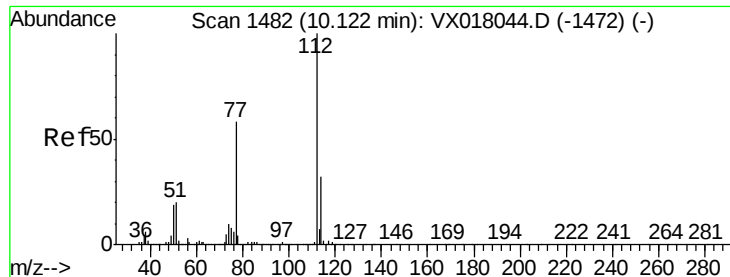
MMDadoda
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#64
Tetrachloroethene
Concen: 47.300 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018086.D
Acq: 26 Aug 2020 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	258966		
166	133.5		94.2	141.2
129	105.9		76.9	115.3
131	100.1		76.1	114.1





#65

Chlorobenzene

Concen: 49.402 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 735103

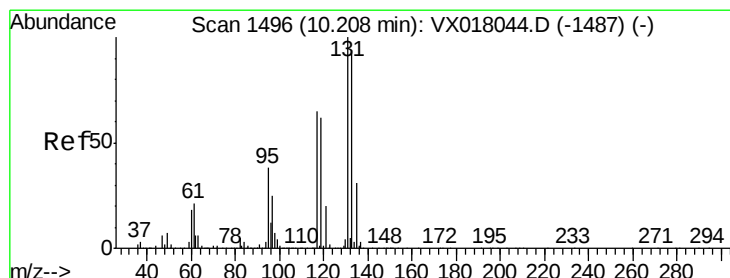
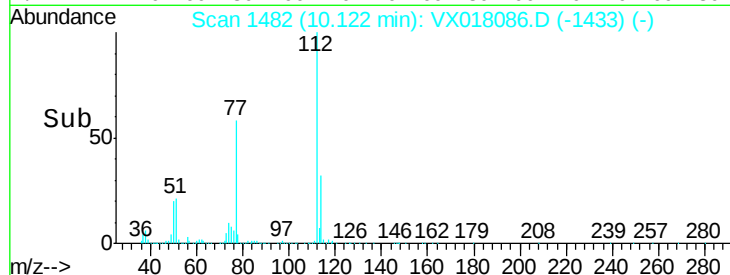
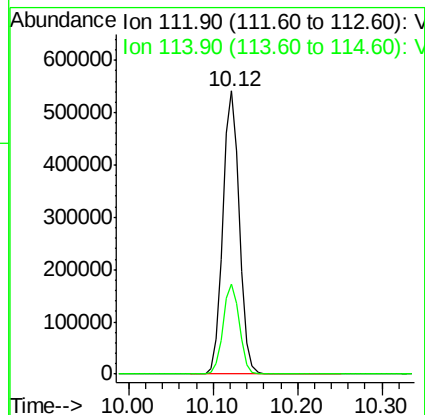
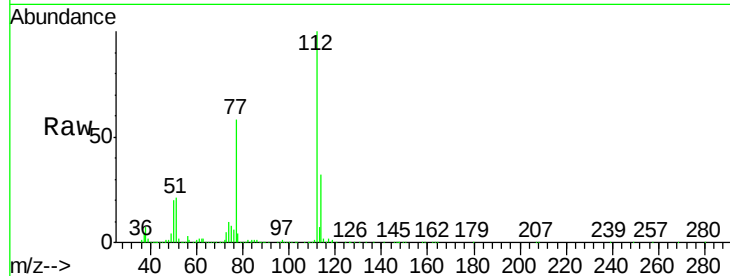
Ion Ratio Lower Upper

112 100

114 32.0 25.7 38.5

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 50.762 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

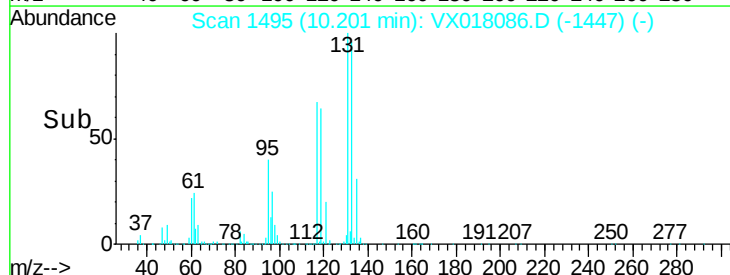
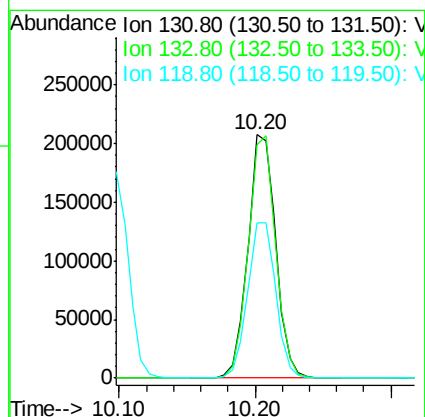
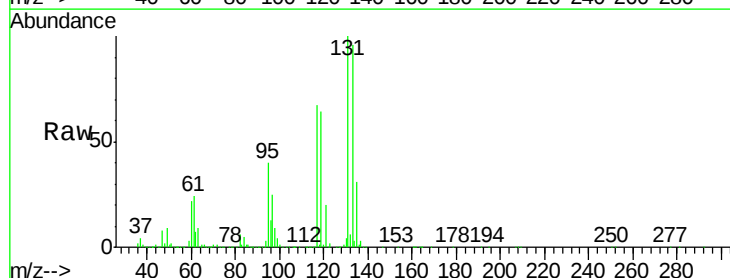
Tgt Ion:131 Resp: 297705

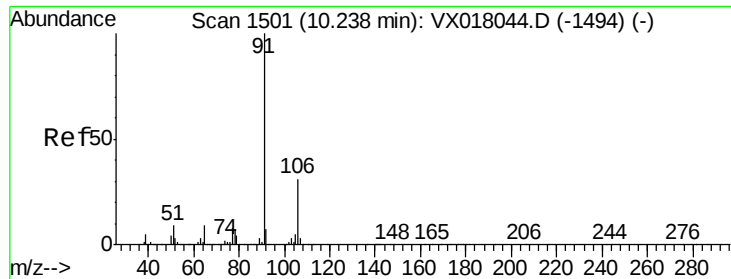
Ion Ratio Lower Upper

131 100

133 97.9 46.7 140.1

119 64.8 31.8 95.4





#67

Ethyl Benzene

Concen: 50.670 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1282181

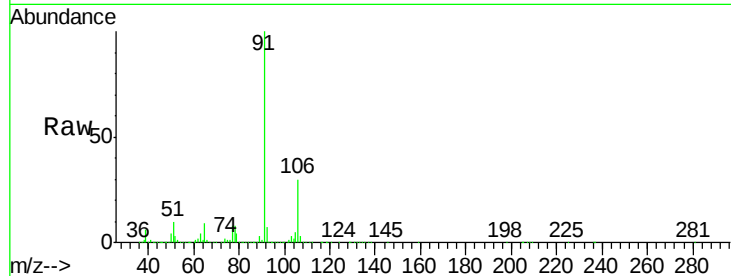
Ion Ratio Lower Upper

91 100

106 30.3 24.9 37.3

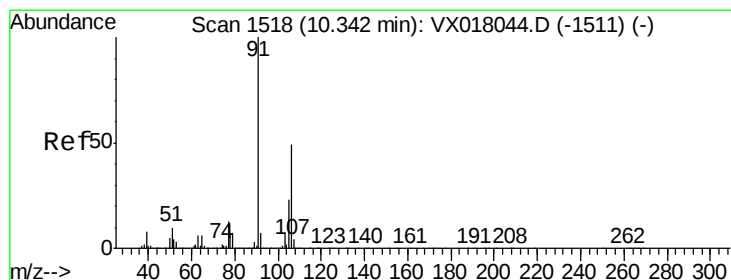
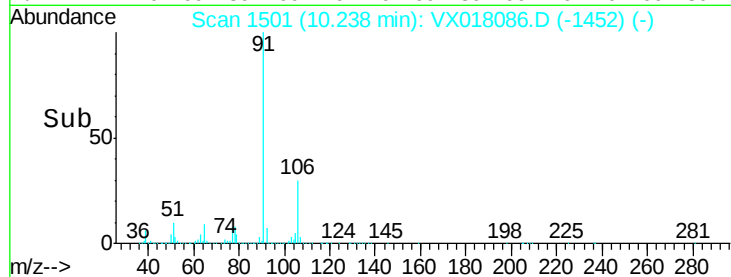
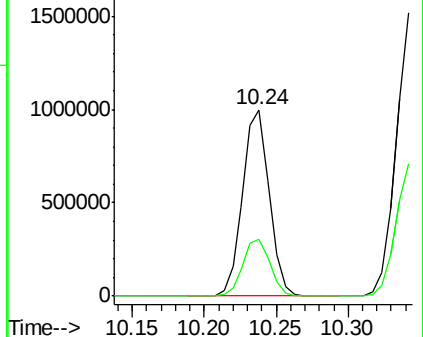
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Abundance Ion 91.00 (90.70 to 91.70): VX018086.D (-1452) (-)

Ion 106.00 (105.70 to 106.70): VX018086.D (-1452) (-)



#68

m/p-Xylenes

Concen: 103.040 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018086.D

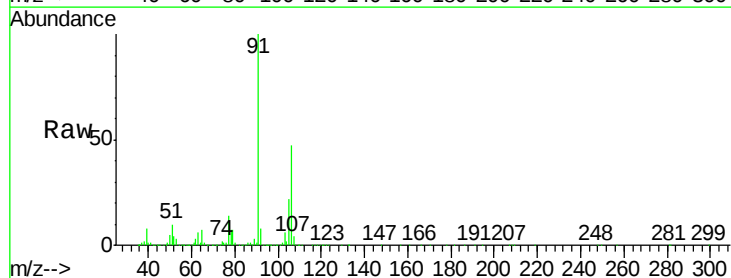
Acq: 26 Aug 2020 18:37

Tgt Ion: 106 Resp: 973207

Ion Ratio Lower Upper

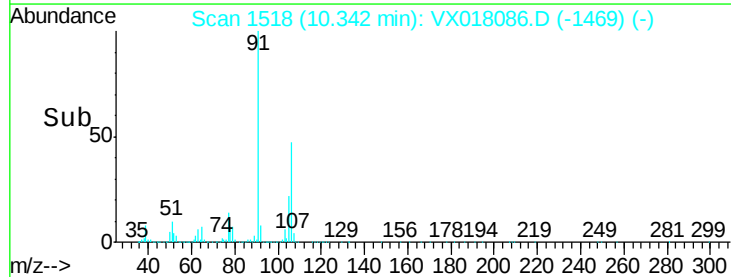
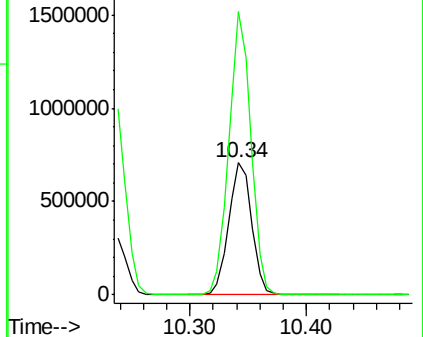
106 100

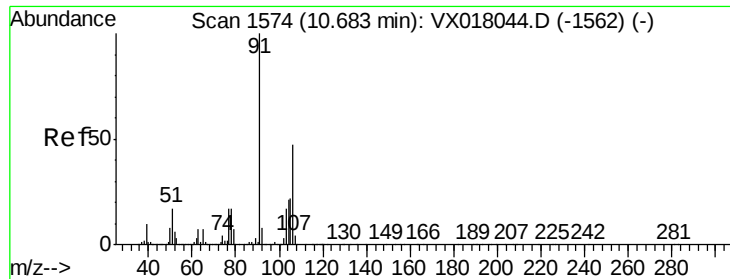
91 205.4 162.2 243.2



Abundance Ion 106.00 (105.70 to 106.70): VX018086.D (-1469) (-)

Ion 91.00 (90.70 to 91.70): VX018086.D (-1469) (-)





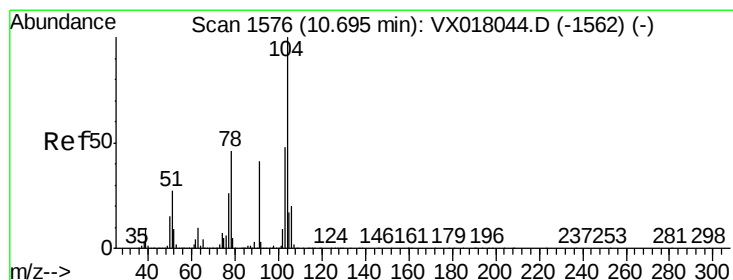
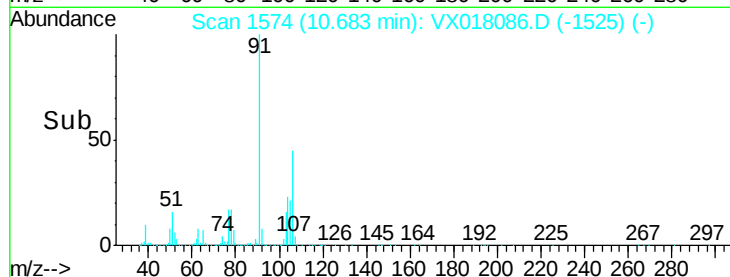
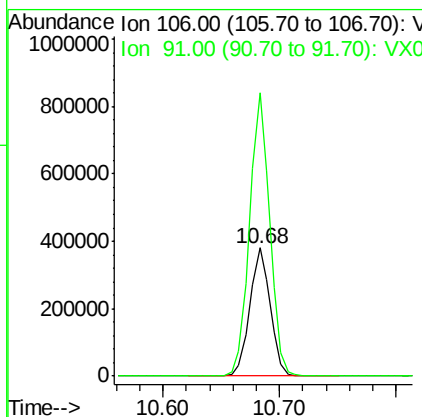
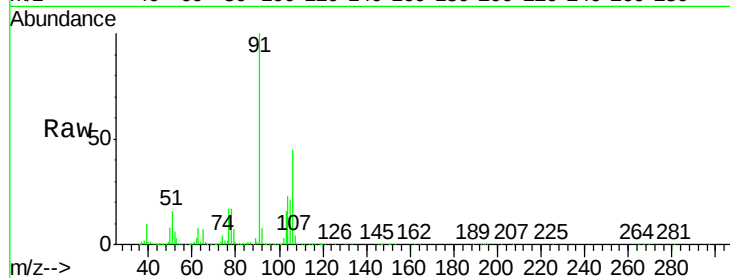
#69
o-Xylene
Concen: 50.940 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018086.D
Acq: 26 Aug 2020 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	218.4	107.1	321.3

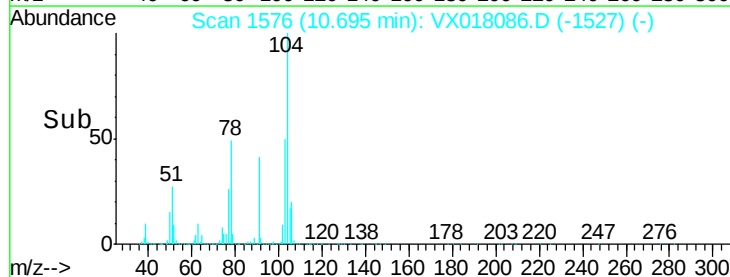
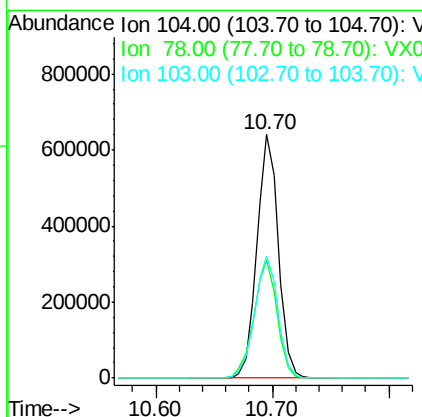
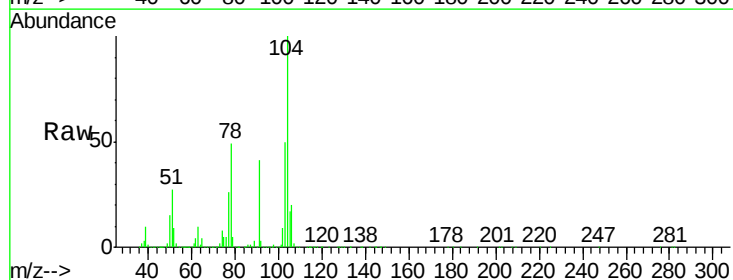
Manual Integrations
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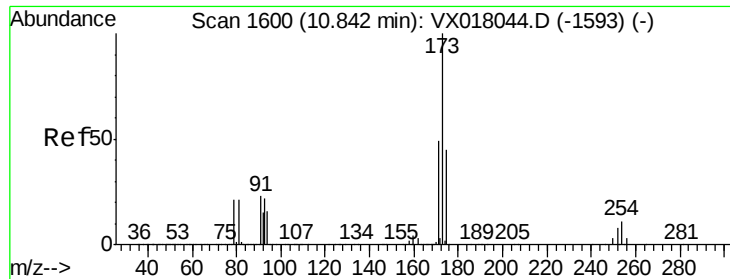
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#70
Styrene
Concen: 52.618 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018086.D
Acq: 26 Aug 2020 18:37

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.7	40.9	61.3
103	54.7	43.6	65.4





#71

Bromoform

Concen: 54.302 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 271637

Ion Ratio Lower Upper

173 100

175 48.7 23.9 71.8

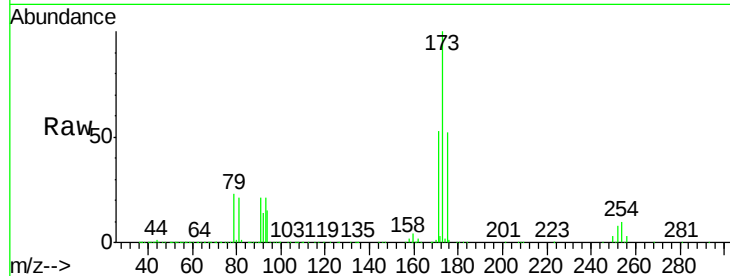
254 0.2 0.2 0.2

Manual Integrations

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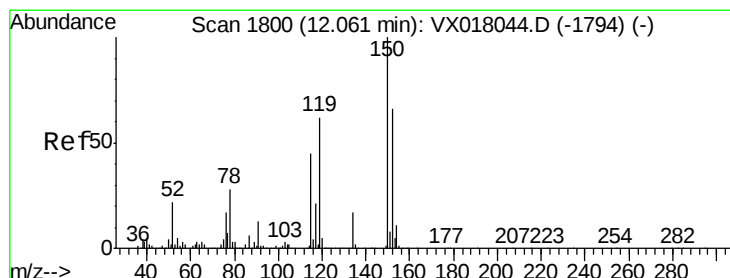
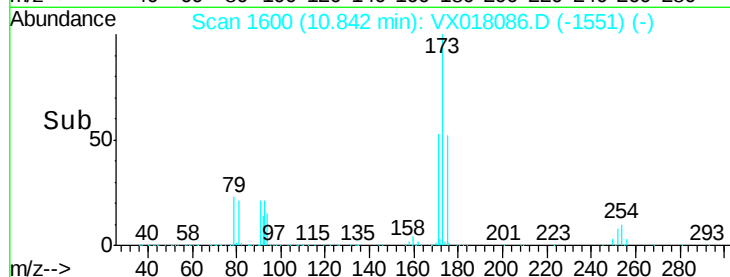
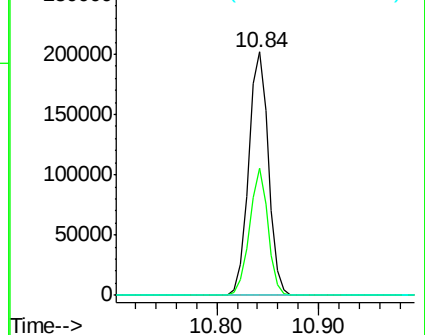
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

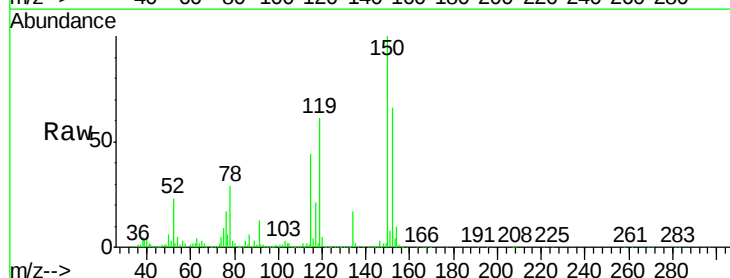
Tgt Ion:152 Resp: 395840

Ion Ratio Lower Upper

152 100

115 82.5 41.5 124.5

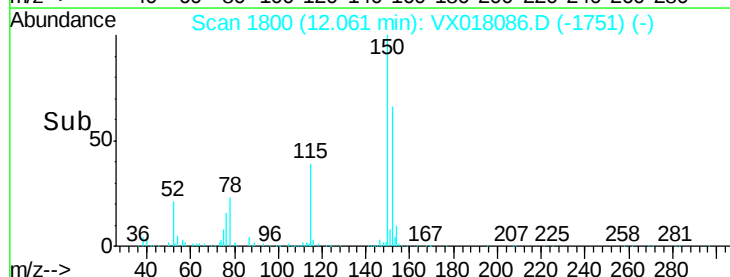
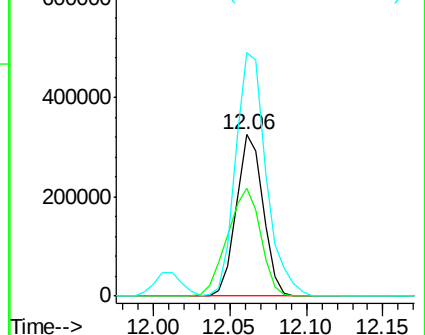
150 171.6 0.0 343.8

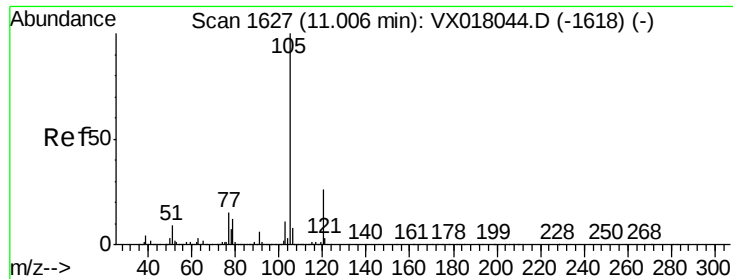


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.290 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1286955

Ion Ratio Lower Upper

105 100

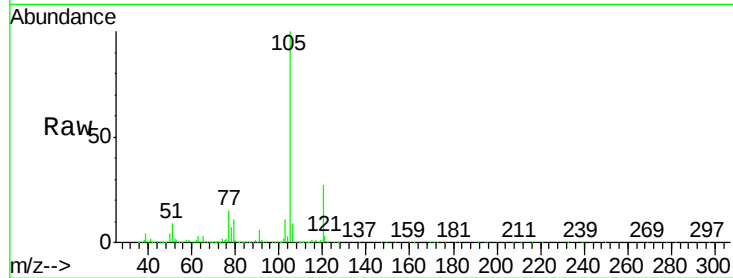
120 27.0 13.2 39.5

Manual Integrations

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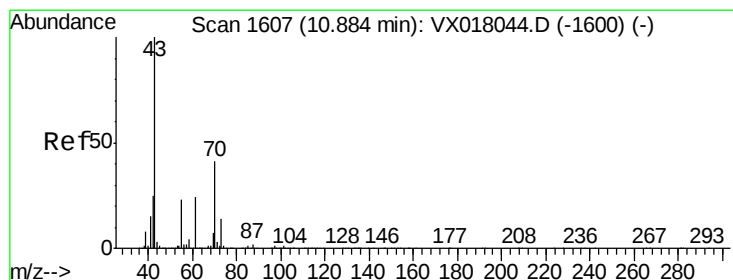
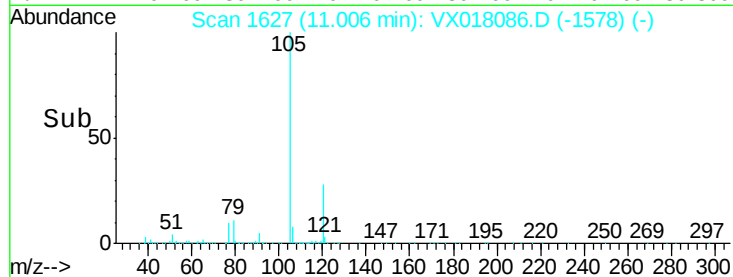
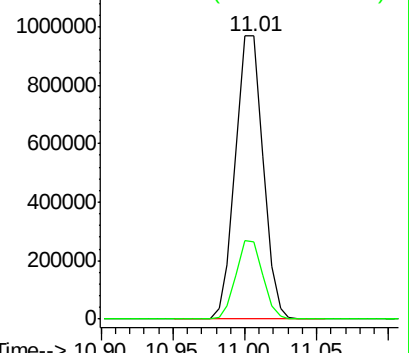
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.044 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

Tgt Ion: 43 Resp: 595179

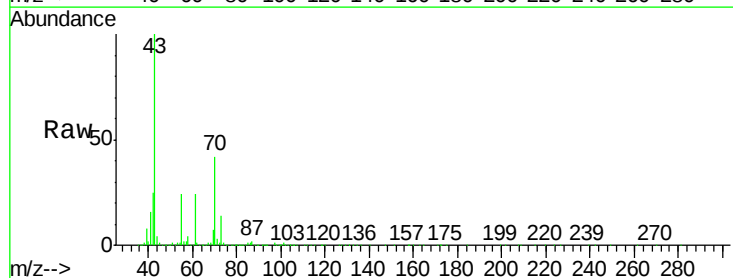
Ion Ratio Lower Upper

43 100

70 40.8 32.3 48.5

55 23.9 18.2 27.2

61 23.4 18.9 28.3

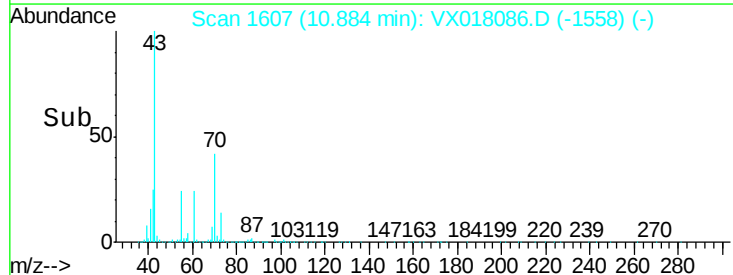
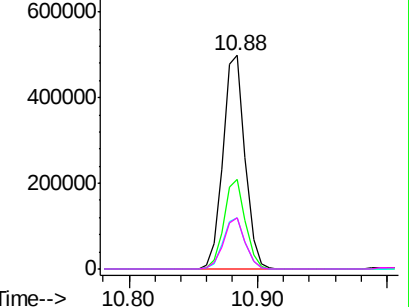


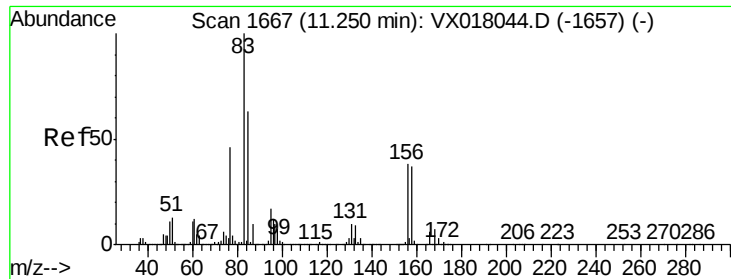
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.088 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

Instrument :

MSVOA_X

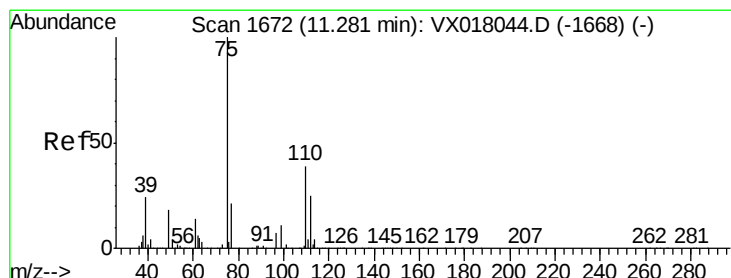
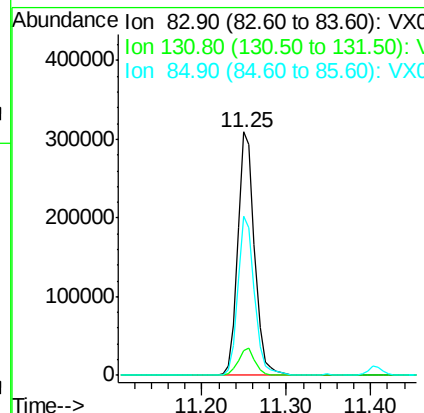
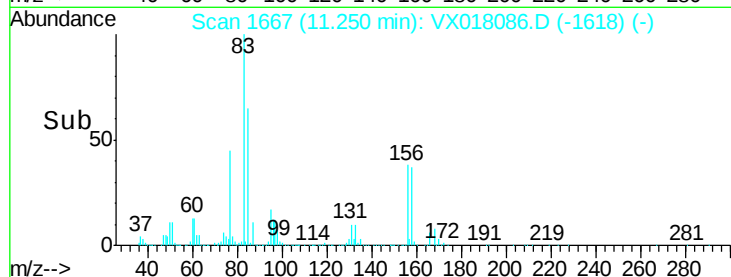
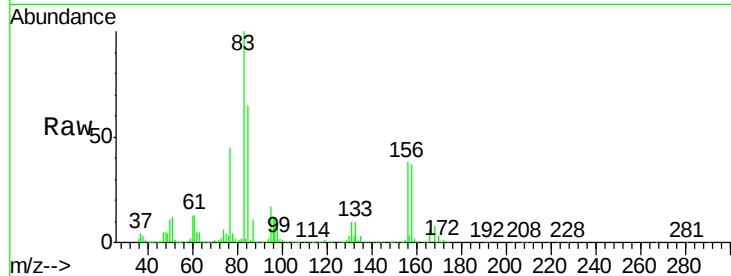
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	415291
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.1	15.4
85	64.6	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 45.075 ug/l m

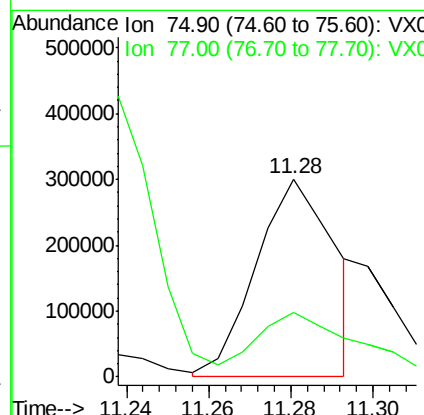
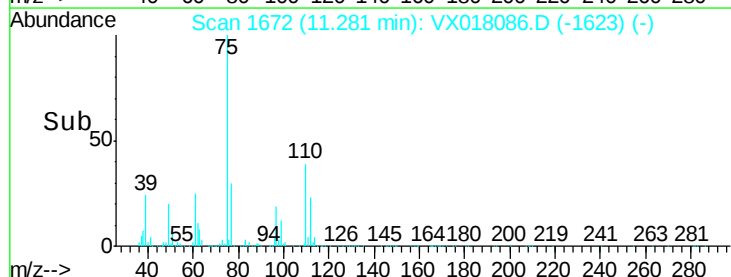
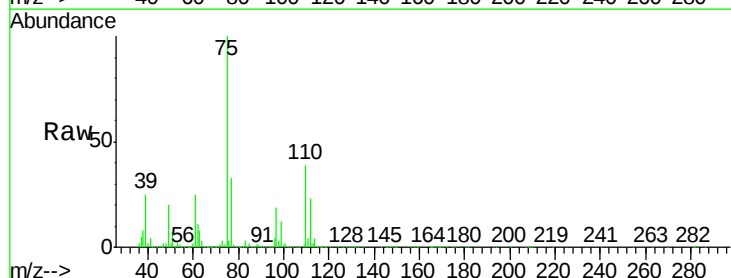
RT: 11.28 min Scan# 1672

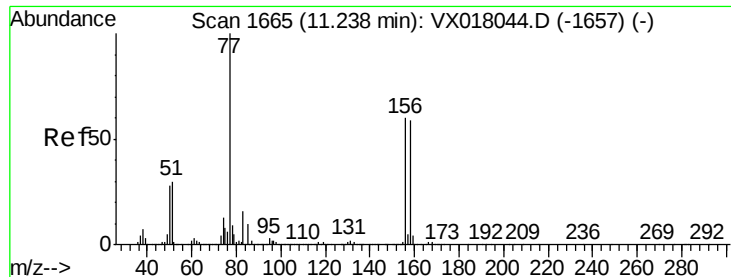
Delta R.T. -0.00 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

Tgt Ion:	75	Resp:	396909
Ion Ratio	Lower	Upper	
75	100		
77	42.1	20.8	62.2





#77

Bromobenzene

Concen: 47.688 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

Instrument :

MSVOA_X

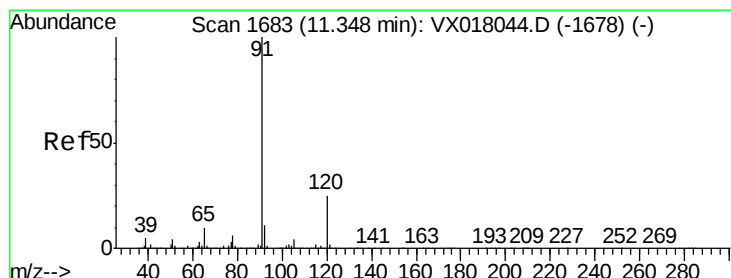
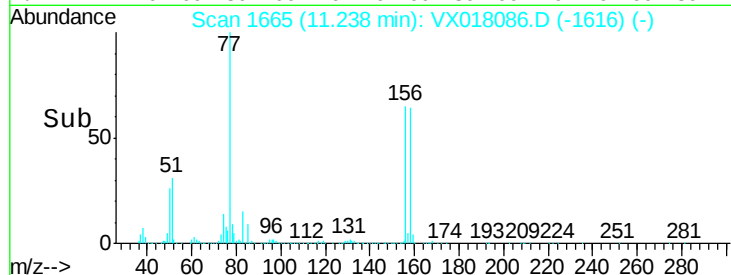
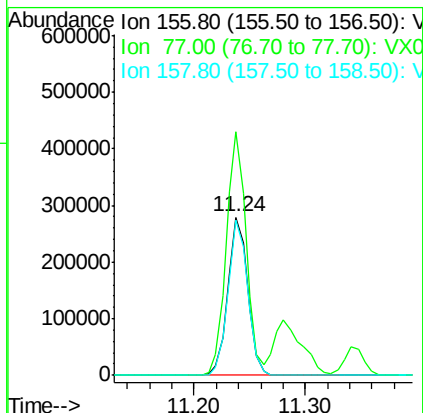
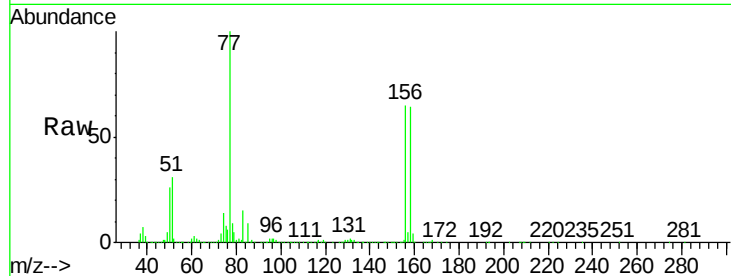
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	344178
Ion Ratio	Lower	Upper	
156	100		
77	154.2	80.0	240.2
158	97.1	49.5	148.7

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#78

n-propylbenzene

Concen: 49.982 ug/l

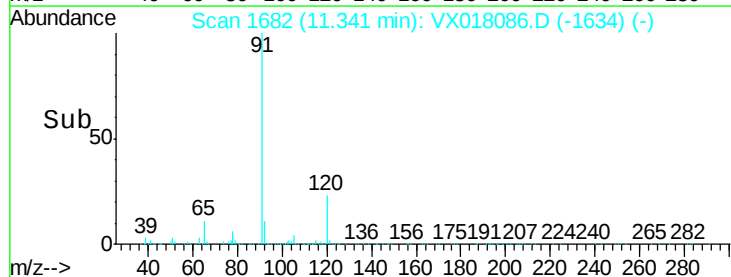
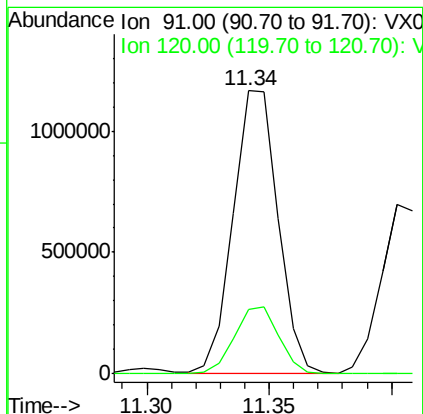
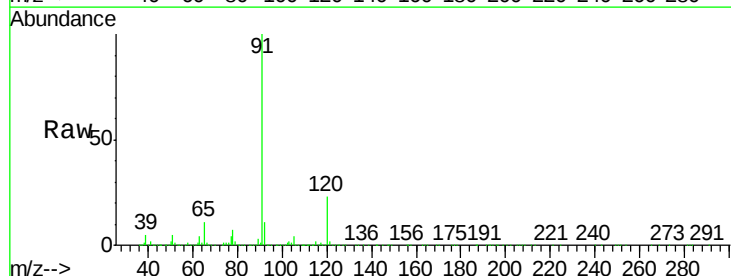
RT: 11.34 min Scan# 1682

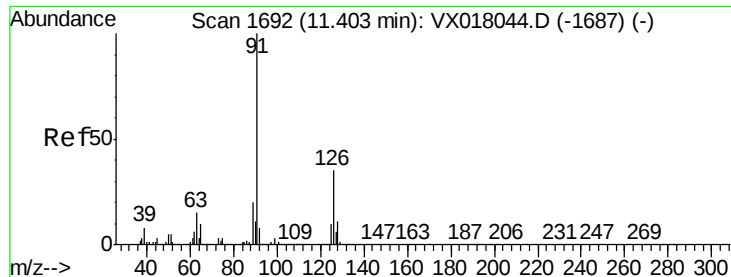
Delta R.T. -0.01 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

Tgt Ion:	91	Resp:	1481812
Ion Ratio	Lower	Upper	
91	100		
120	23.7	11.9	35.9





#79

2-Chlorotoluene

Concen: 48.855 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 894851

Ion Ratio Lower Upper

91 100

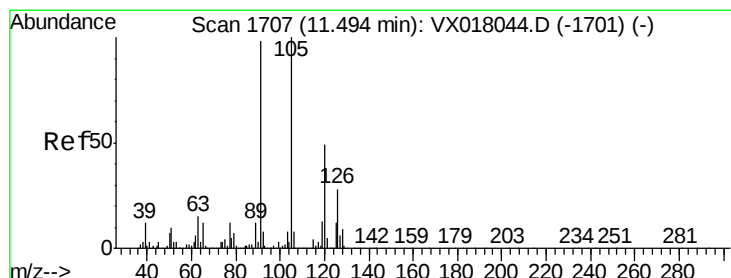
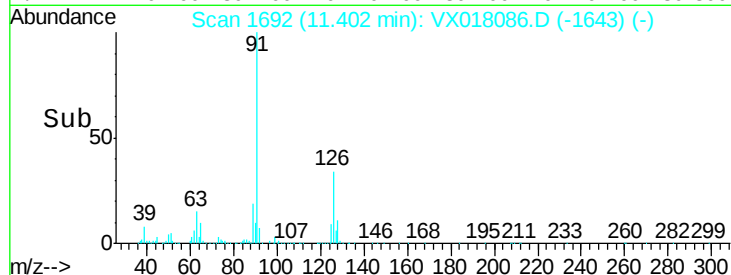
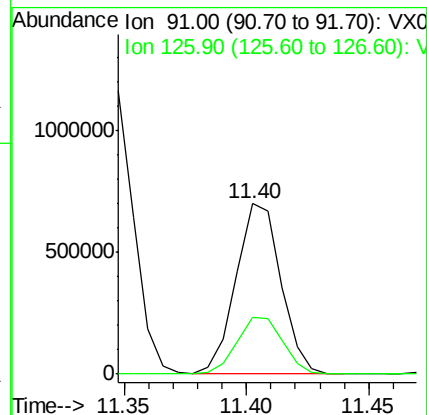
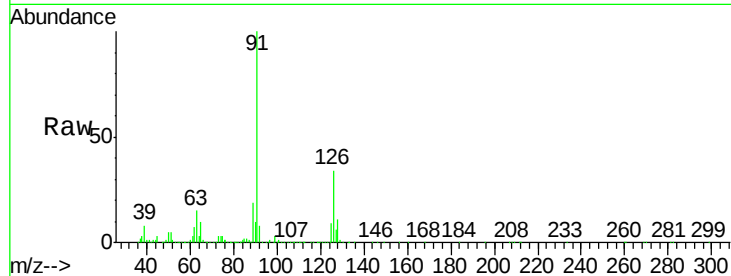
126 34.5 17.4 52.2

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#80

1,3,5-Trimethylbenzene

Concen: 50.896 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018086.D

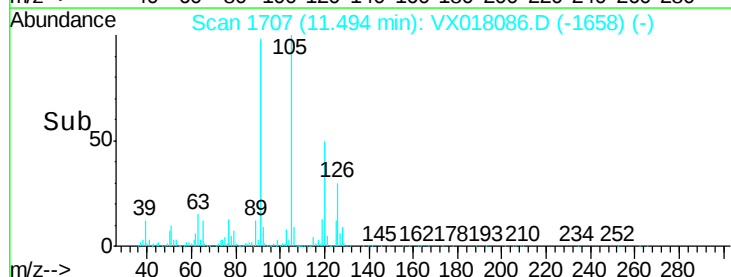
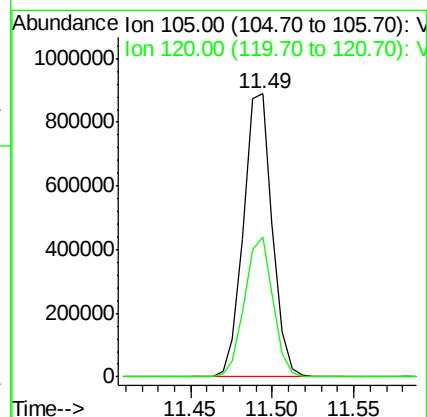
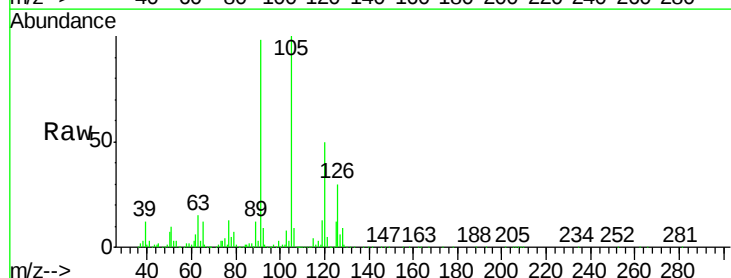
Acq: 26 Aug 2020 18:37

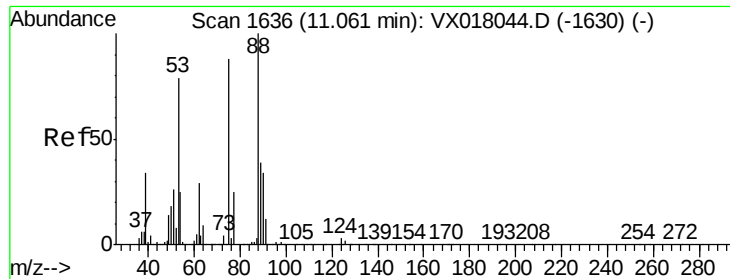
Tgt Ion: 105 Resp: 1092019

Ion Ratio Lower Upper

105 100

120 48.8 24.1 72.2





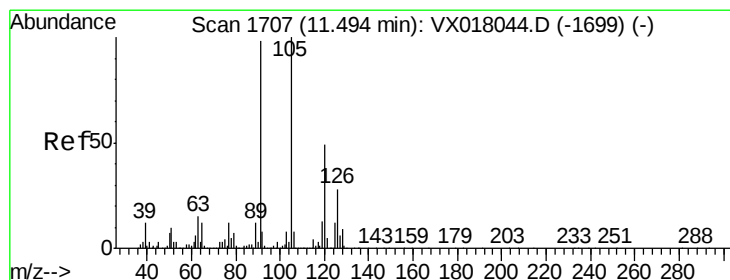
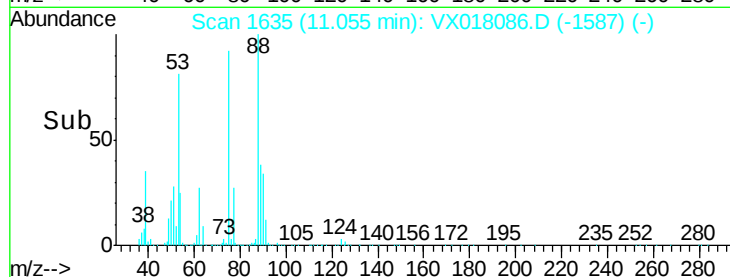
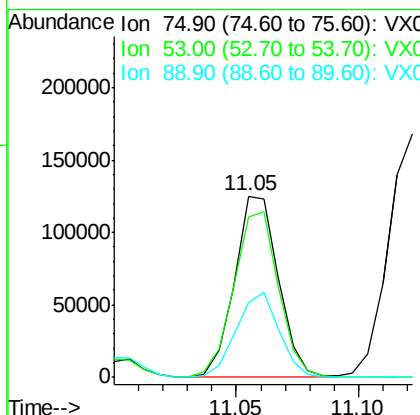
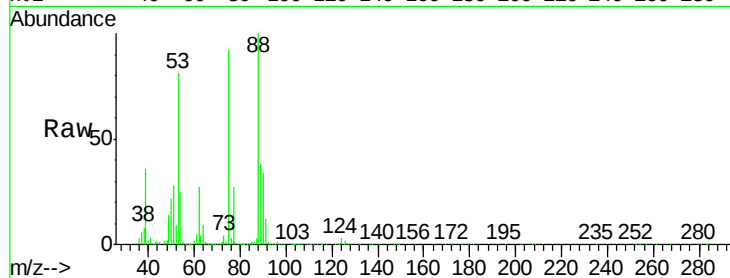
#81
trans-1,4-Dichloro-2-butene
Concen: 47.569 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.01 min
Lab File: VX018086.D
Acq: 26 Aug 2020 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.4	74.7	112.1
89	46.3	36.6	54.8

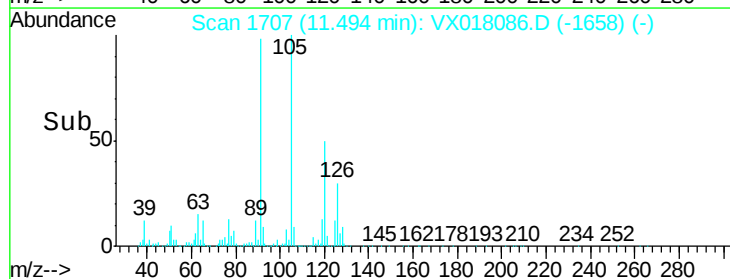
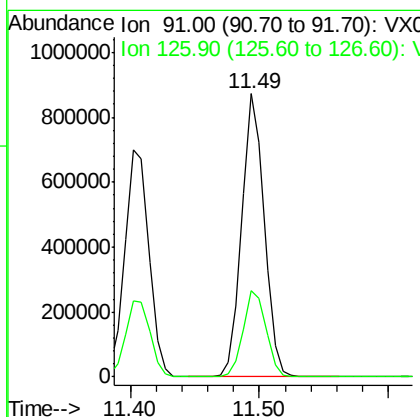
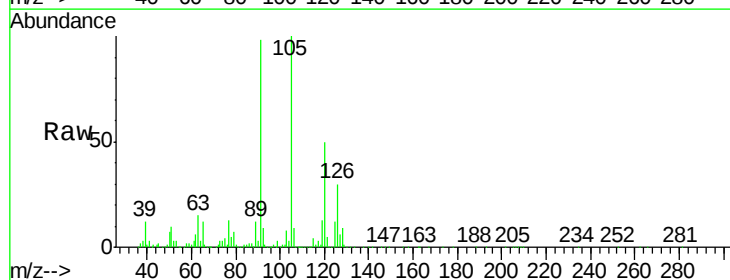
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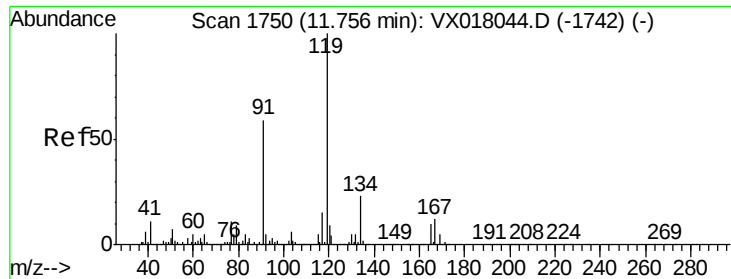
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#82
4-Chlorotoluene
Concen: 48.401 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018086.D
Acq: 26 Aug 2020 18:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.1	45.3





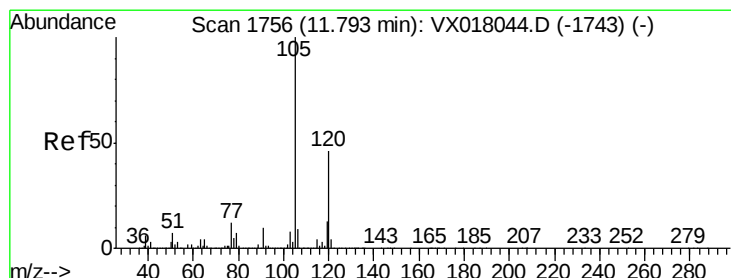
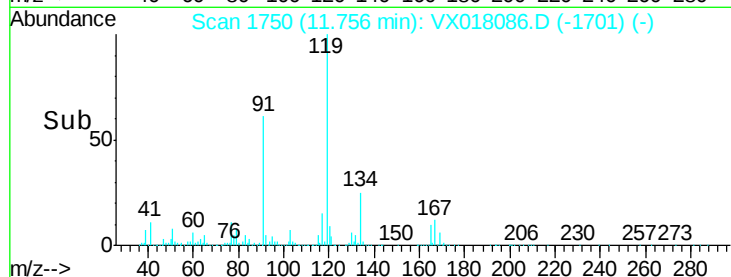
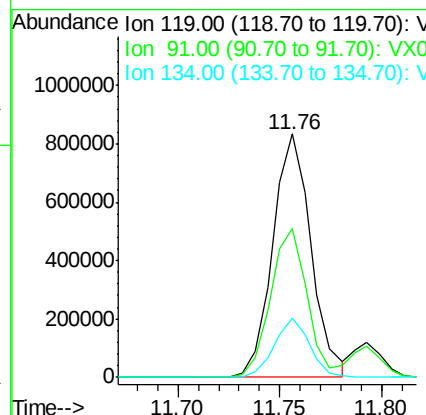
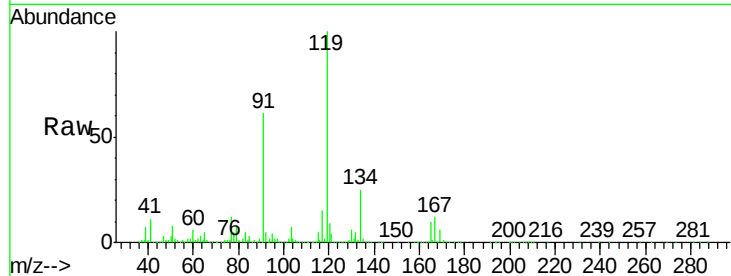
#83
 tert-Butylbenzene
 Concen: 51.542 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018086.D
 Acq: 26 Aug 2020 18:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.6	28.2	84.7
134	22.5	11.3	33.8

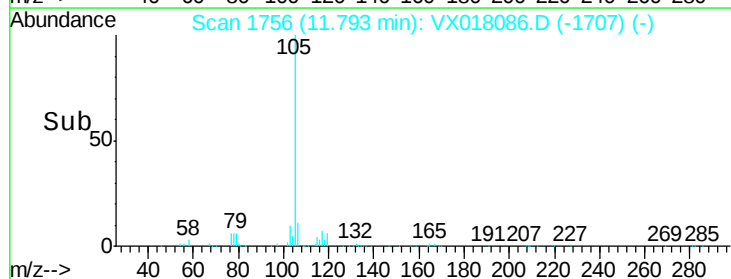
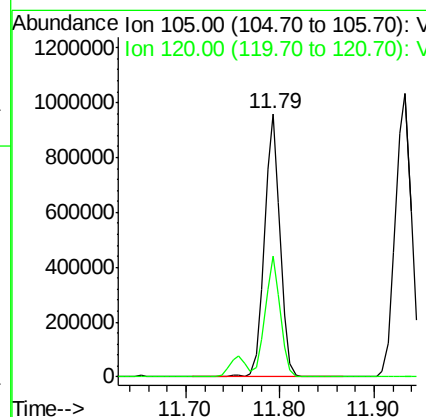
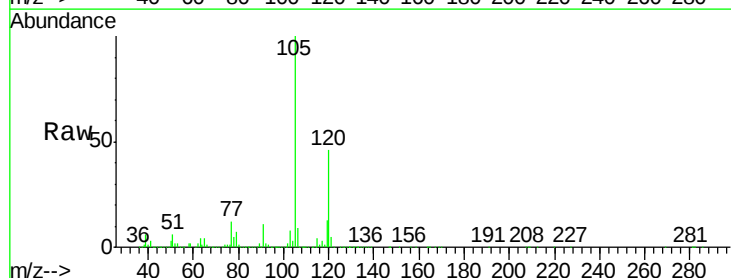
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.238 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018086.D
 Acq: 26 Aug 2020 18:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.3	66.9





#85

sec-Butylbenzene

Concen: 51.268 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1234509

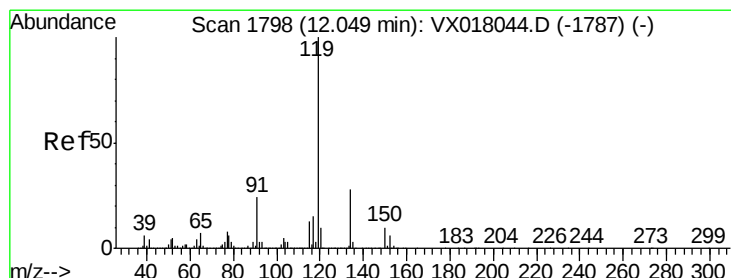
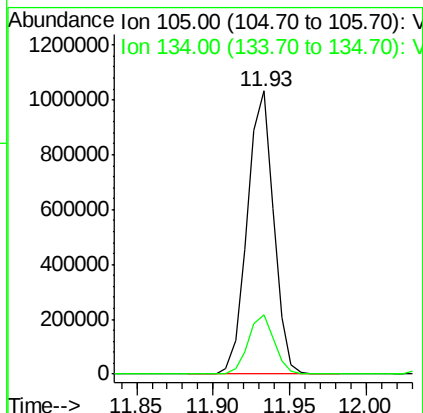
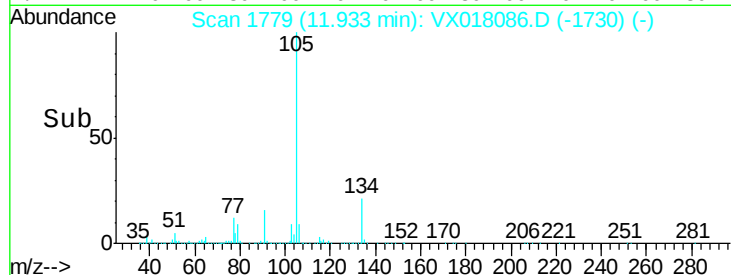
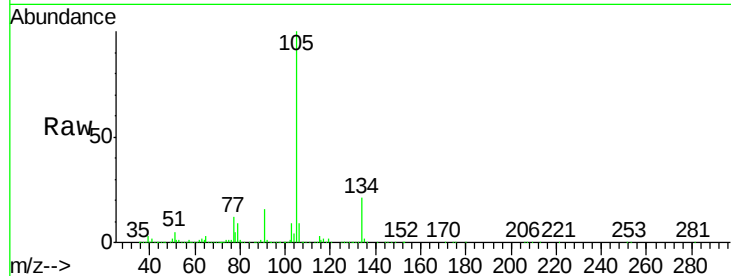
Ion Ratio Lower Upper

105 100

134 20.8 10.1 30.3

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#86

p-Isopropyltoluene

Concen: 53.167 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018086.D

Acq: 26 Aug 2020 18:37

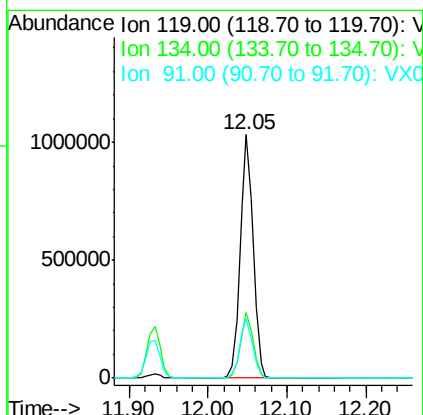
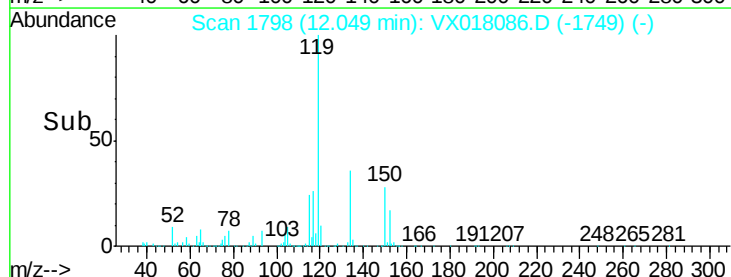
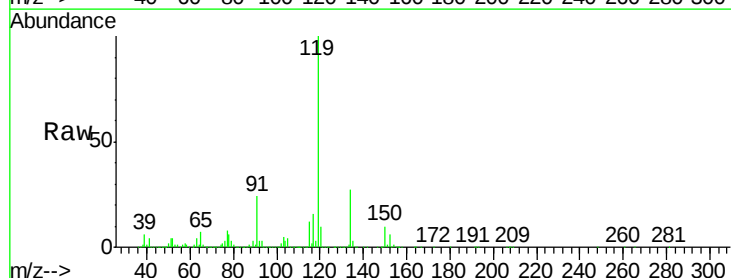
Tgt Ion:119 Resp: 1175958

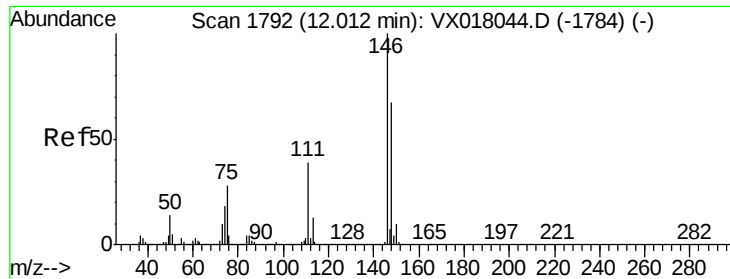
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.5

91 24.2 11.8 35.4





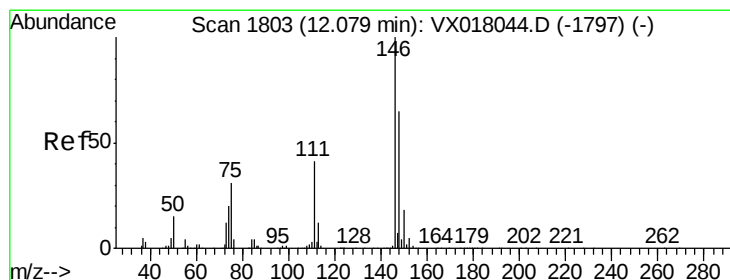
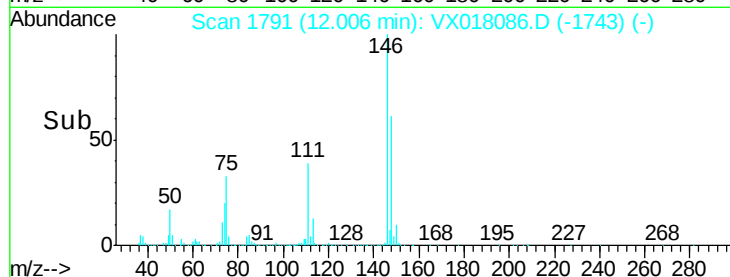
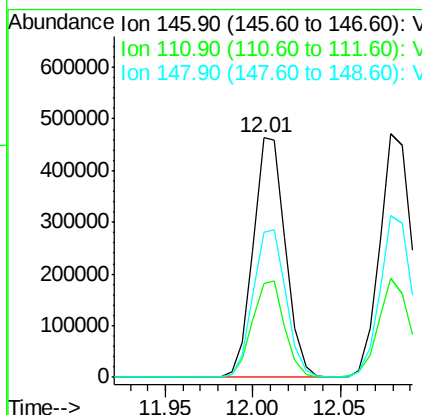
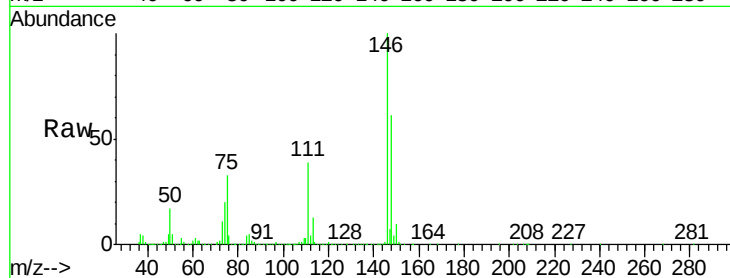
#87
 1,3-Dichlorobenzene
 Concen: 47.302 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX018086.D
 Acq: 26 Aug 2020 18:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.6	61.8
148	62.6	33.1	99.2

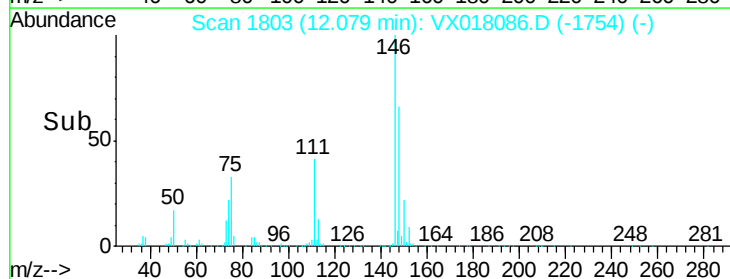
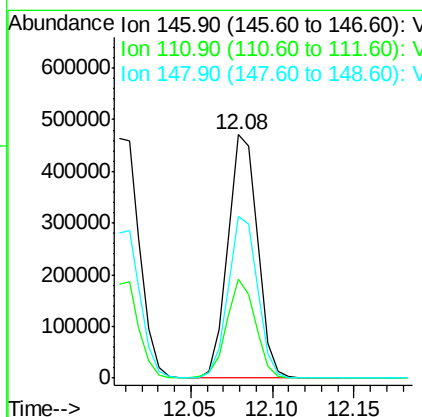
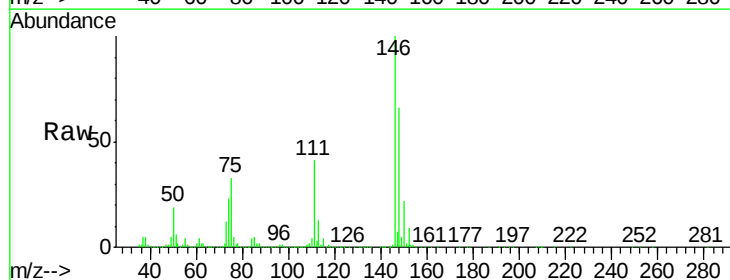
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#88
 1,4-Dichlorobenzene
 Concen: 46.873 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018086.D
 Acq: 26 Aug 2020 18:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.3	60.8
148	65.7	33.1	99.2





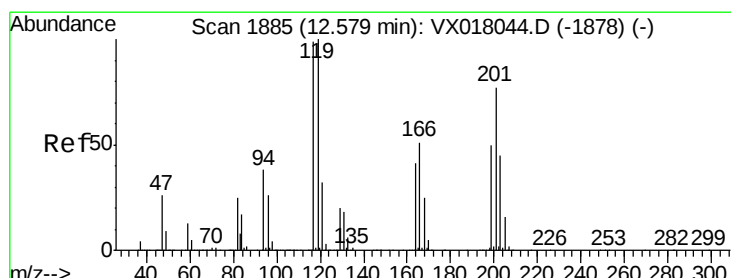
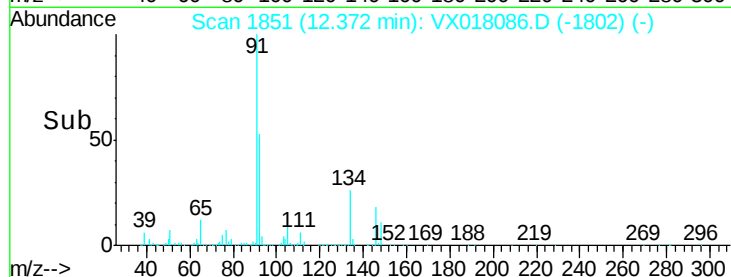
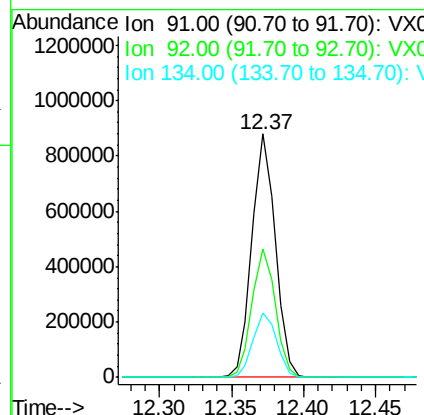
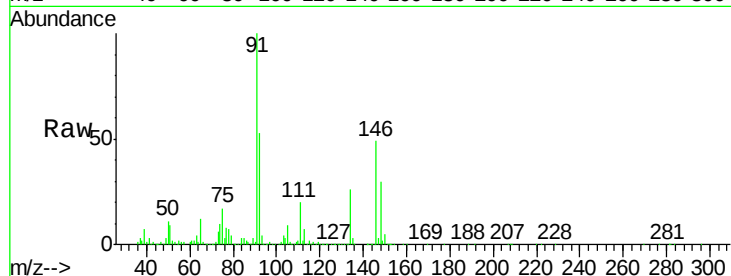
#89
n-Butylbenzene
Concen: 48.856 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018086.D
Acq: 26 Aug 2020 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.4	79.2
134	27.0	12.9	38.7

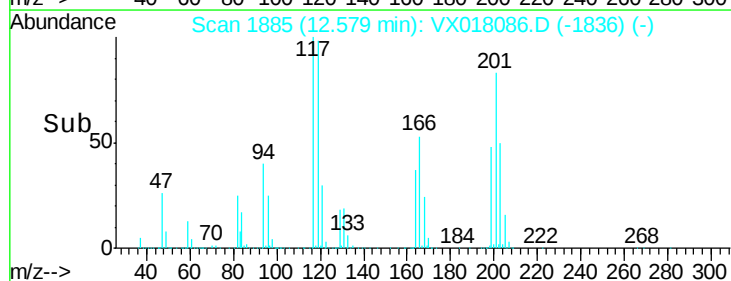
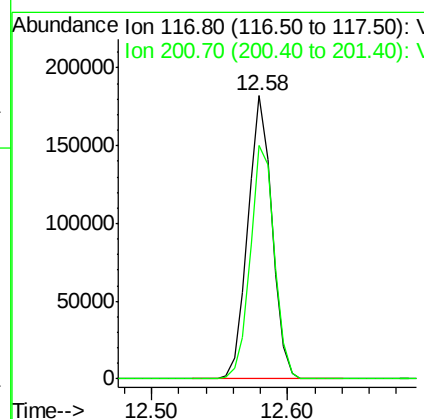
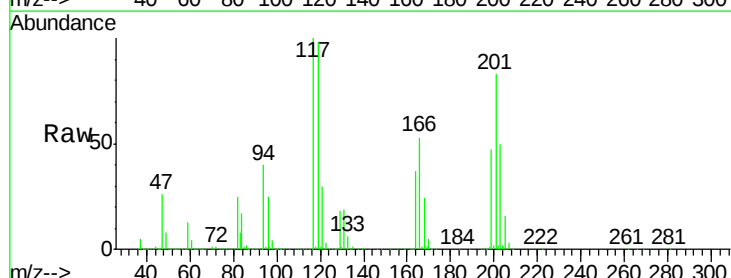
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#90
Hexachloroethane
Concen: 51.750 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018086.D
Acq: 26 Aug 2020 18:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.5	38.5	115.3





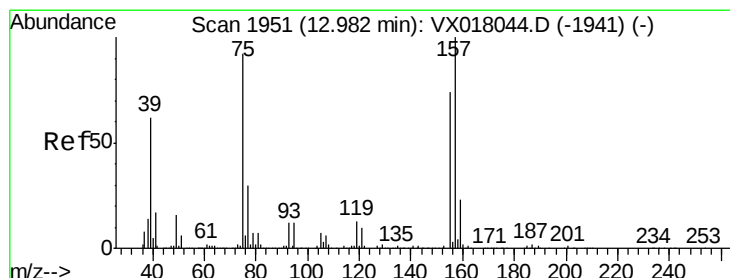
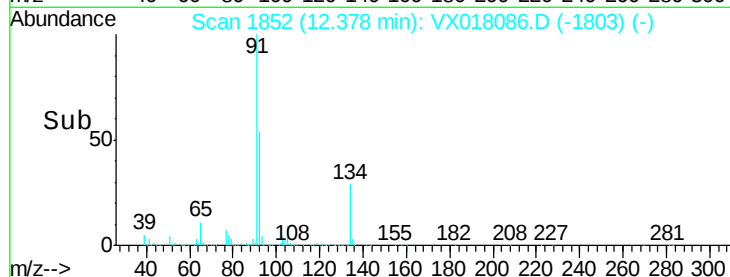
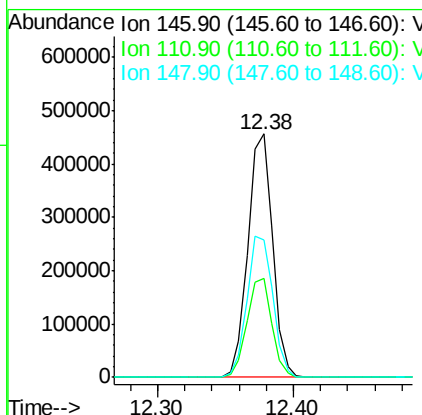
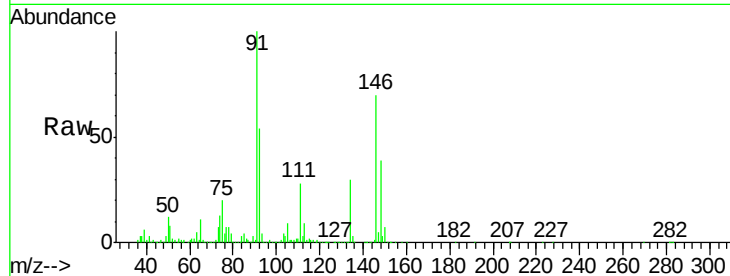
#91
 1,2-Dichlorobenzene
 Concen: 48.960 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018086.D
 Acq: 26 Aug 2020 18:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	583997		
111	40.6	20.8	62.5	
148	60.5	31.6	95.0	

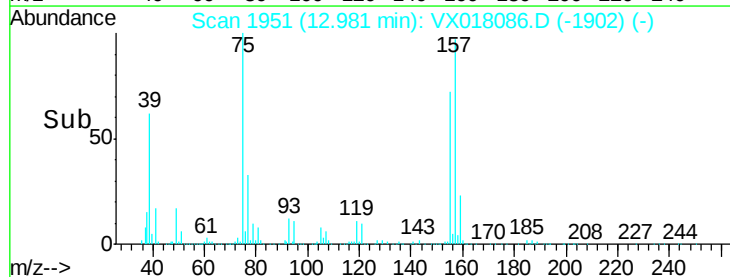
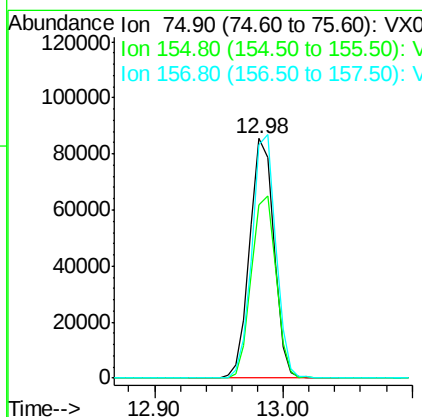
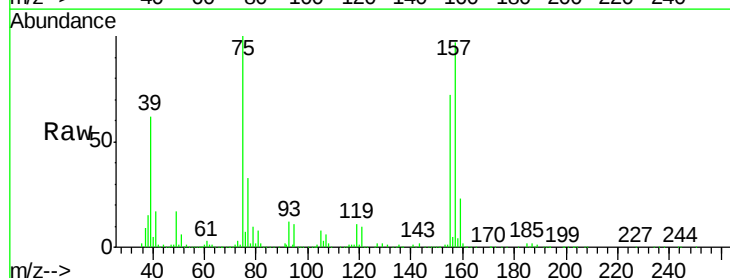
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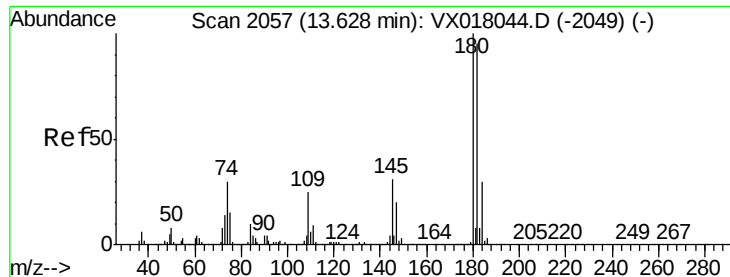
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.984 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018086.D
 Acq: 26 Aug 2020 18:37

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	110508		
155	77.2	40.2	120.6	
157	99.3	55.0	165.2	





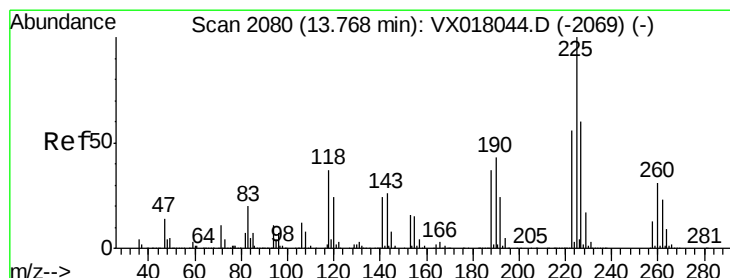
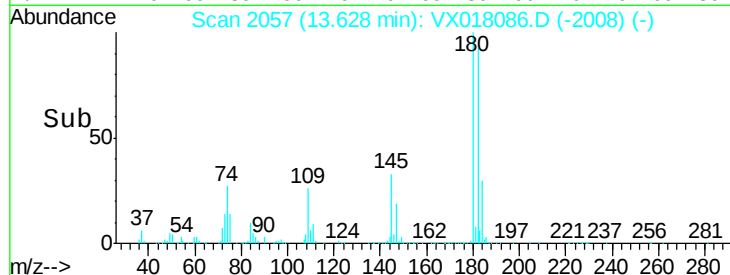
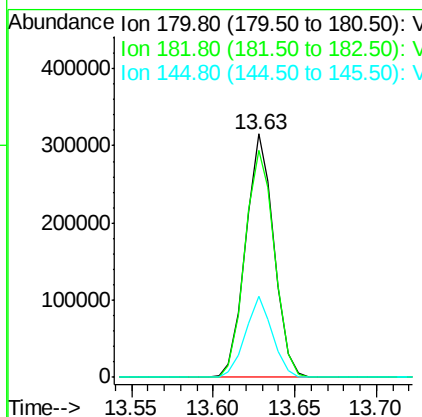
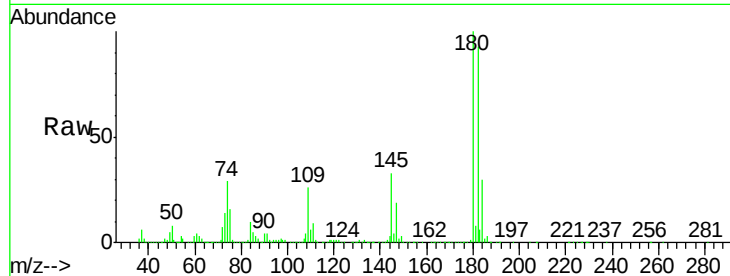
#93
 1,2,4-Trichlorobenzene
 Concen: 47.882 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018086.D
 Acq: 26 Aug 2020 18:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	180	Resp:	380854
Ion Ratio	Lower	Upper	
180	100		
182	97.1	47.5	142.6
145	31.6	15.7	47.1

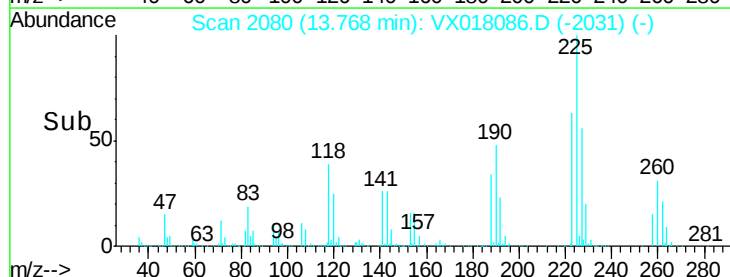
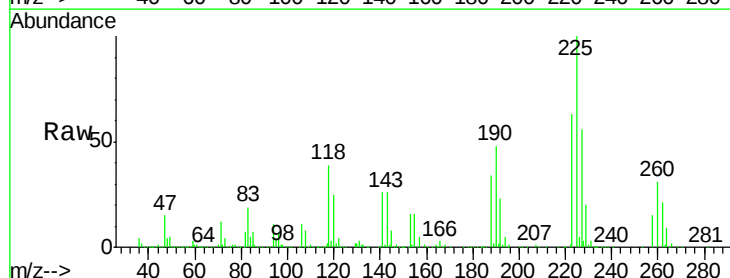
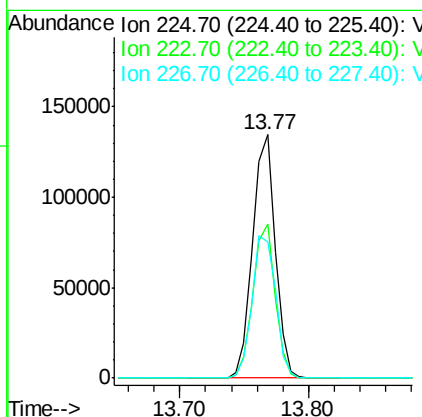
Manual Integrations
 APPROVED

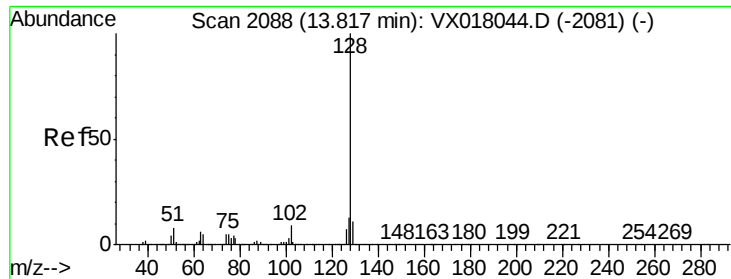
MMDadoda
 8/27/2020 12:19:14 PM



#94
 Hexachlorobutadiene
 Concen: 51.565 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX018086.D
 Acq: 26 Aug 2020 18:37

Tgt Ion:	225	Resp:	161774
Ion Ratio	Lower	Upper	
225	100		
223	62.1	30.7	92.1
227	60.8	32.6	97.8





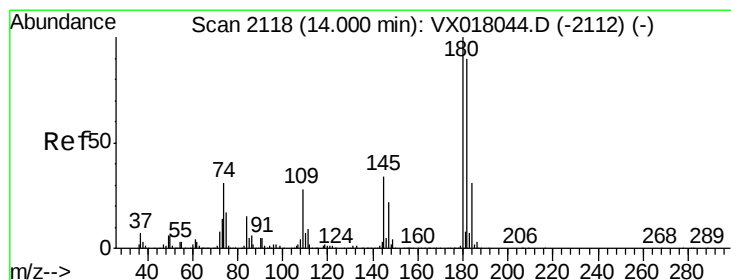
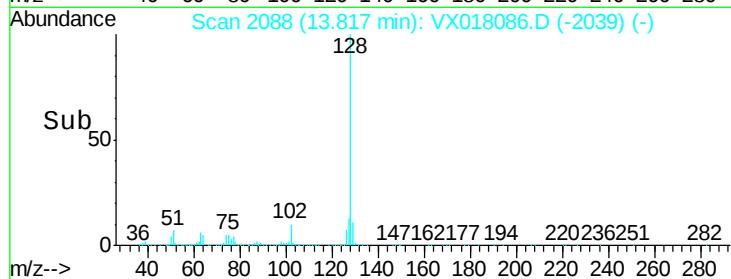
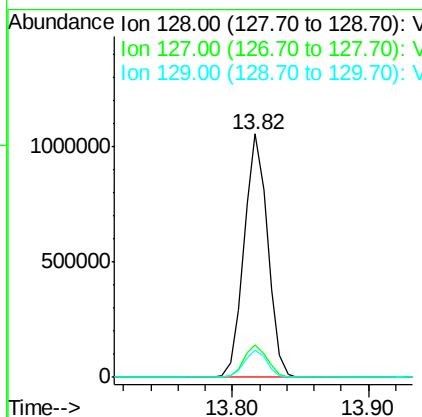
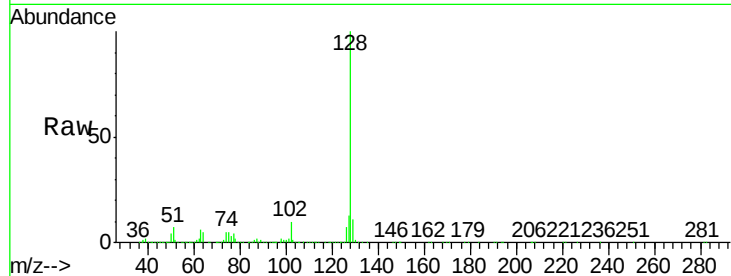
#95
Naphthalene
Concen: 48.645 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018086.D
Acq: 26 Aug 2020 18:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.2
129	10.9	8.7	13.1

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 48.692 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018086.D
Acq: 26 Aug 2020 18:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.3	142.0
145	33.6	17.5	52.6

