

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091820\
 Data File : VX018486.D
 Acq On : 18 Sep 2020 12:43
 Operator : JC/SP
 Sample : VX0918WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0918WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/21/2020 11:50:45 AM

Quant Time: Sep 21 01:27:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	78219	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	394118	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	366142	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	183088	29.67	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.90%
60) 4-Bromofluorobenzene	11.12	95	190616	30.04	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.13%
63) Toluene-d8	8.70	98	491983	30.49	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.63%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	74329	17.958	ug/l 95
3) Chloromethane	1.31	50	80889	18.399	ug/l 94
4) Vinyl Chloride	1.39	62	85606	18.492	ug/l 98
5) Bromomethane	1.64	94	62019	19.690	ug/l 91
6) Chloroethane	1.72	64	52310	18.591	ug/l 95
7) Trichlorofluoromethane	1.92	101	146765	18.707	ug/l 98
8) Diethyl Ether	2.17	74	48594	19.647	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	76290	19.032	ug/l 98
10) 1,1-Dichloroethene	2.36	96	71657	18.211	ug/l 97
11) Methyl Iodide	2.49	142	80894	21.130	ug/l 94
12) Methyl Acetate	2.75	43	101565	19.609	ug/l 99
13) Acrolein	2.27	56	38534	92.185	ug/l 98
14) Acrylonitrile	3.11	53	225110	95.918	ug/l 97
15) Acetone	2.42	58	58659	91.929	ug/l 88
16) Carbon Disulfide	2.55	76	206856	18.055	ug/l 99
17) Allyl chloride	2.71	41	131181	18.653	ug/l 98
18) Methylene Chloride	2.83	84	87690	18.989	ug/l 95
19) trans-1,2-Dichloroethene	3.14	96	81525	18.661	ug/l 95
20) Diisopropyl ether	3.82	45	274014	19.681	ug/l 94
21) 1,1-Dichloroethane	3.67	63	152388	19.069	ug/l 98
22) cis-1,2-Dichloroethene	4.56	96	91300	18.889	ug/l 96
23) tert-Butyl Alcohol	3.01	59	93539	91.974	ug/l # 99
24) Methyl tert-Butyl Ether	3.17	73	271244	19.390	ug/l 99
25) Chloroform	5.18	83	162589	19.063	ug/l 96
26) Cyclohexane	5.55	56	117608	18.233	ug/l # 41
29) 1,1-Dichloropropene	5.77	75	118097	19.630	ug/l 98
30) 2-Butanone	4.63	43	314757	95.552	ug/l 98
31) 2,2-Dichloropropane	4.55	77	138233	19.022	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	150401	19.100	ug/l 100
33) Carbon Tetrachloride	5.76	117	139394	18.997	ug/l 96
34) Benzene	6.11	78	326028	18.985	ug/l 95
35) Methacrylonitrile	5.01	41	69548	20.034	ug/l 91
36) 1,2-Dichloroethane	6.16	62	142077	19.991	ug/l # 100
37) Trichloroethene	7.18	130	96186	19.370	ug/l 98
38) Methylcyclohexane	7.44	83	121281	18.926	ug/l 98
39) 1,2-Dichloropropane	7.49	63	88981	19.346	ug/l 96
40) Dibromomethane	7.64	93	65673	19.772	ug/l 100

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 Misc : 5.0mL/MSVOA X/WATER
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Instrument :
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Manual Integrations
 APPROVED

MMDadoda
 9/21/2020 11:50:45 AM

Quant Time: Sep 21 01:27:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 04 12:13:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	131167	19.054	ug/l	97
42) Vinyl Acetate	3.78	43	1206060	98.135	ug/l	100
43) Ethyl Acetate	4.79	43	123169	18.804	ug/l	100
44) Isopropyl Acetate	6.41	43	202275	19.162	ug/l	97
45) 1,4-Dioxane	7.71	88	31718	359.665	ug/l #	90
46) Methyl methacrylate	7.74	41	98722	19.002	ug/l	88
47) n-amyl Acetate	10.88	43	168574	18.174	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	144796	19.581	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	150902	19.426	ug/l	94
50) 1,1,2-Trichloroethane	9.20	97	92042	19.887	ug/l	97
51) Ethyl methacrylate	9.16	69	128065	19.101	ug/l	98
52) 1,3-Dichloropropane	9.35	76	148539	19.336	ug/l	98
53) Dibromochloromethane	9.56	129	108744	18.896	ug/l	99
54) 1,2-Dibromoethane	9.65	107	96839	19.073	ug/l	97
55) 2-Chloroethyl vinyl ether	8.29	63	326989	93.395	ug/l	99
56) Bromoform	10.84	173	81058	18.538	ug/l	99
58) 4-Methyl-2-Pentanone	8.62	43	619888	98.433	ug/l	99
59) 2-Hexanone	9.47	43	464991	97.482	ug/l	99
61) Tetrachloroethene	9.32	164	92925	20.350	ug/l	90
62) Toluene	8.76	91	363072	19.704	ug/l	98
64) Chlorobenzene	10.12	112	231816	19.577	ug/l	95
65) 1,1,1,2-Tetrachloroethane	10.20	131	96326	20.086	ug/l	95
66) Ethyl Benzene	10.23	91	399379	19.615	ug/l	95
67) m/p-Xylenes	10.34	106	310431	39.868	ug/l	97
68) o-Xylene	10.68	106	142996	19.436	ug/l	99
69) Styrene	10.70	104	248010	19.321	ug/l	99
70) Isopropylbenzene	11.00	105	399338	19.518	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	131782	19.710	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	130719m	20.349	ug/l	
73) Bromobenzene	11.24	156	105310	18.788	ug/l	97
74) n-propylbenzene	11.34	91	459049	19.054	ug/l	98
75) 2-Chlorotoluene	11.40	91	282671	19.359	ug/l	98
76) 1,3,5-Trimethylbenzene	11.49	105	340848	19.122	ug/l	98
77) t-1,4-Dichloro-2-butene	11.06	75	45981	18.419	ug/l	96
78) 4-Chlorotoluene	11.49	91	333469	19.145	ug/l	99
79) tert-butylbenzene	11.76	119	325487	18.956	ug/l	96
80) 1,2,4-Trimethylbenzene	11.79	105	351080	19.915	ug/l	99
81) sec-Butylbenzene	11.93	105	376421	18.769	ug/l	100
82) p-Isopropyltoluene	12.05	119	360457	19.276	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	194260	19.383	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	194841	19.443	ug/l	97
85) n-Butylbenzene	12.37	91	314020	19.074	ug/l	99
86) Hexachloroethane	12.58	117	68694	18.658	ug/l	100
87) 1,2-Dichlorobenzene	12.38	146	187098	19.937	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	31686	18.525	ug/l	92
89) 1,2,4-Trichlorobenzene	13.63	180	127358	20.059	ug/l	98
90) Hexachlorobutadiene	13.76	225	54529	20.304	ug/l	92
91) Naphthalene	13.82	128	372446	18.796	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	122116	19.441	ug/l	100

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

Manual Integrations
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9/21/2020 11:50:45 AM

Quant Time: Sep 21 01:27:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 04 12:13:41 2020
Response via : Initial Calibration

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

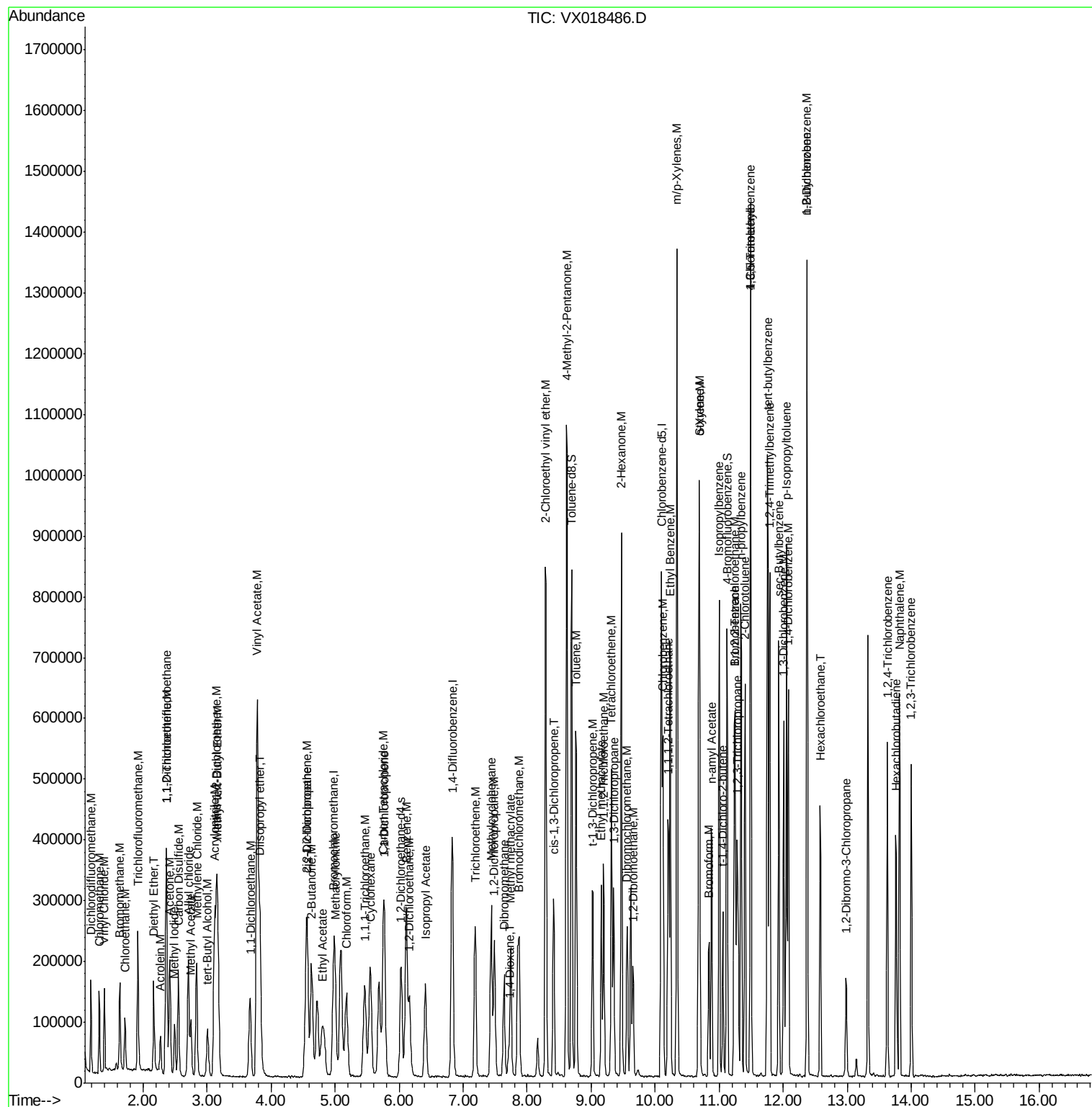
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091820\
 Data File : VX018486.D
 Acq On : 18 Sep 2020 12:43
 Operator : JC/SP
 Sample : VX0918WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

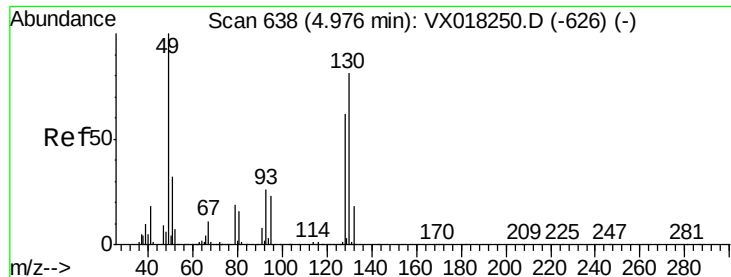
Instrument :
 MSVOA_X
 Client Sample ID :
 VX0918WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/21/2020 11:50:45 AM

Quant Time: Sep 21 01:27:20 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X090420W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

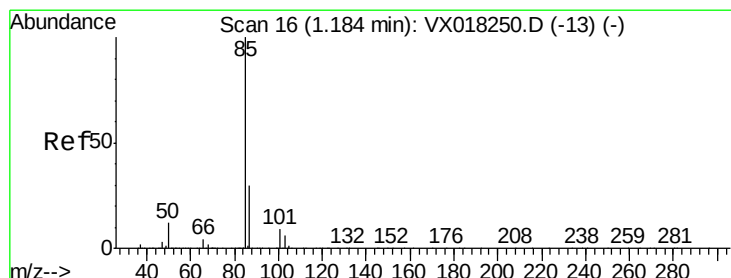
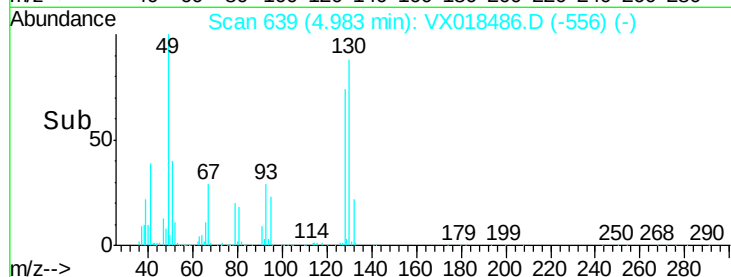
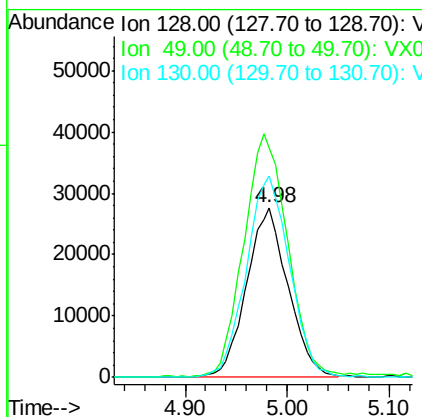
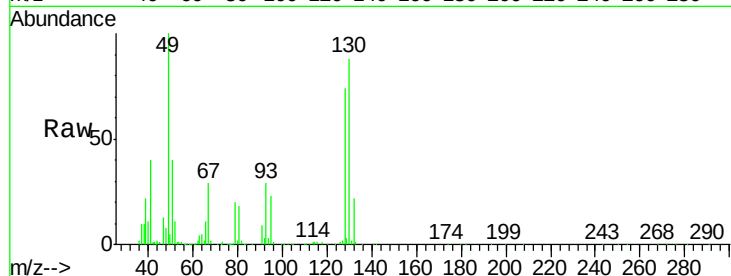
ClientSampleId :

VX0918WBSD01

Tot Ion:	128	Resp:	78219
Ion	Ratio	Lower	Upper
128	100		
49	151.5	0.0	392.0
130	124.4	0.0	320.2

Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 17.958 ug/l

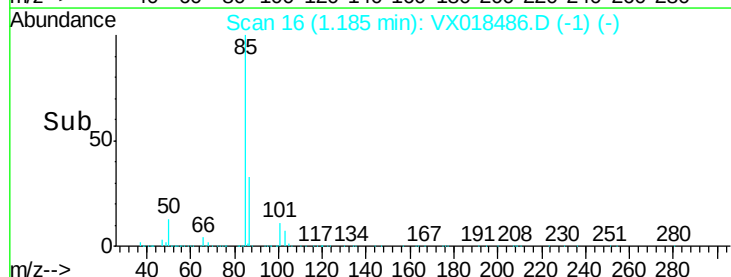
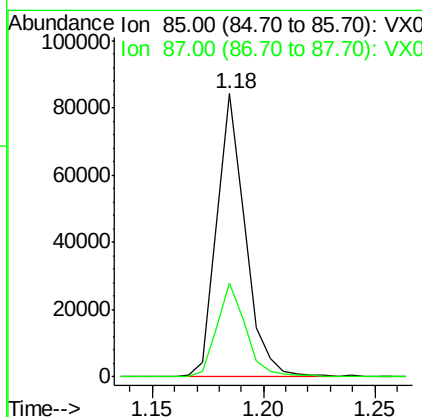
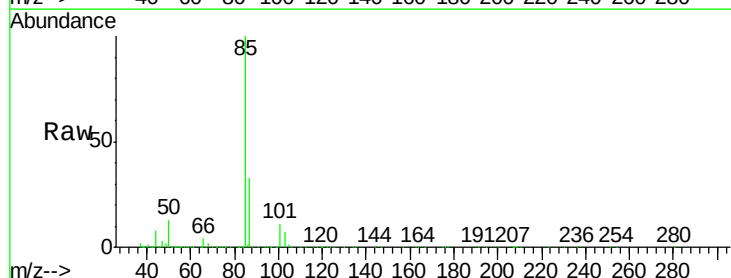
RT: 1.18 min Scan# 16

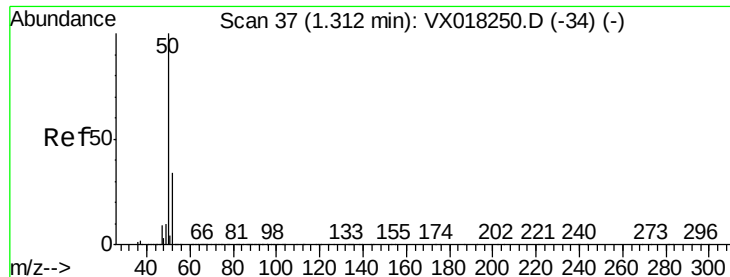
Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Tgt Ion:	85	Resp:	74329
Ion	Ratio	Lower	Upper
85	100		
87	33.1	15.1	45.3





#3

Chloromethane

Concen: 18.399 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

Tot Ion: 50 Resp: 80889

Ion Ratio Lower Upper

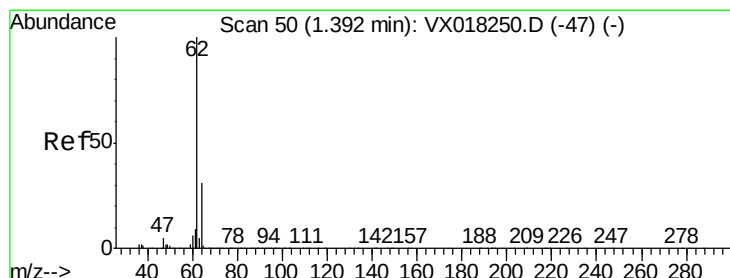
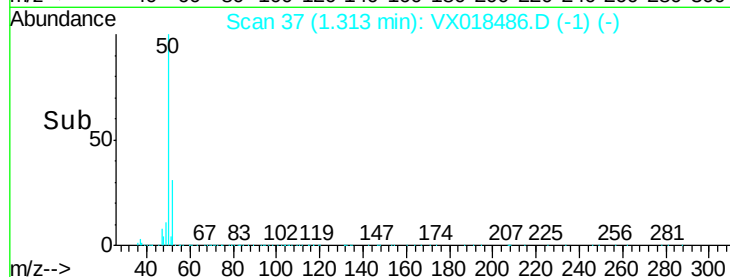
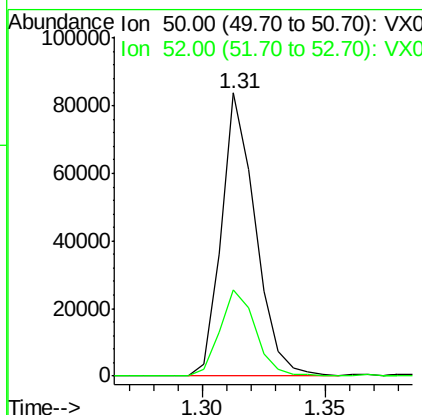
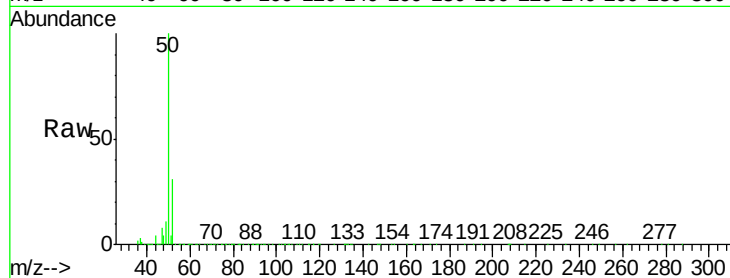
50 100

52 30.5 27.1 40.7

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.492 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX018486.D

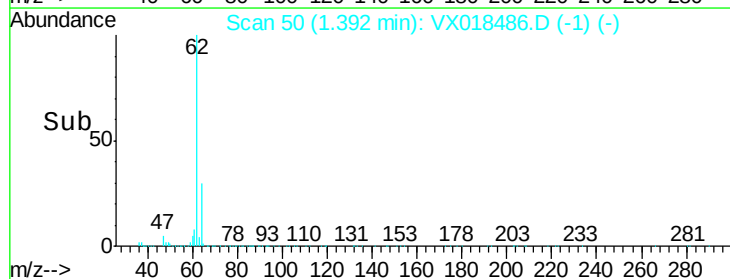
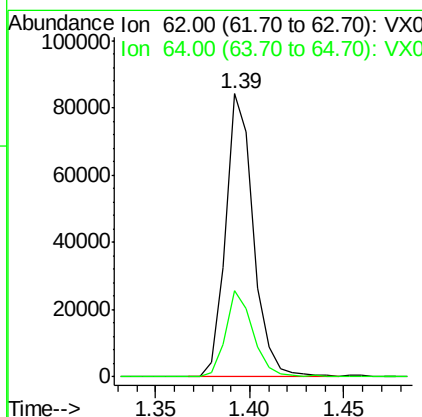
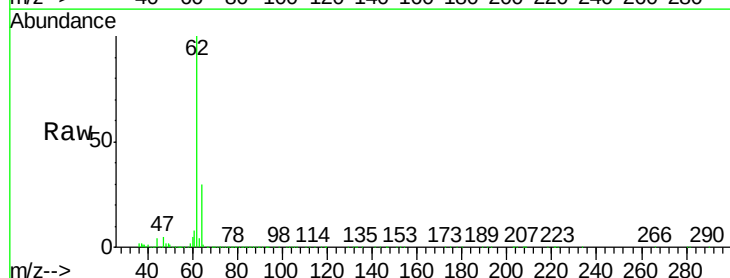
Acq: 18 Sep 2020 12:43

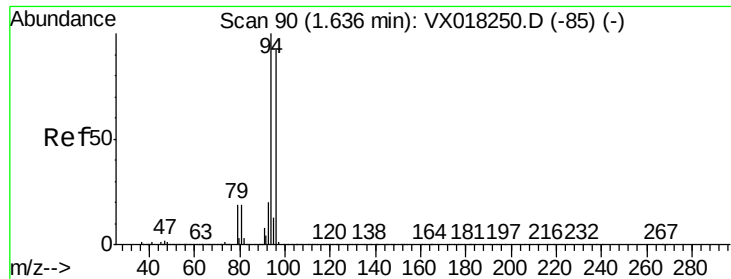
Tgt Ion: 62 Resp: 85606

Ion Ratio Lower Upper

62 100

64 30.3 25.2 37.8





#5

Bromomethane

Concen: 19.690 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

Tot Ion: 94 Resp: 62019

Ion Ratio Lower Upper

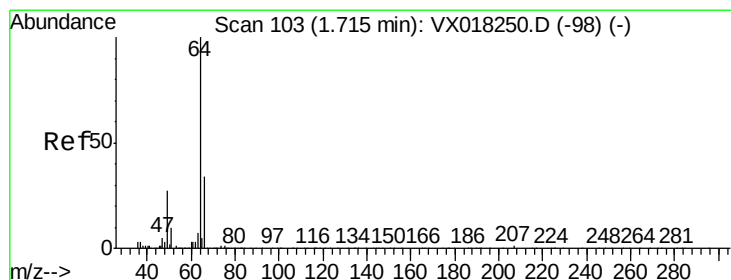
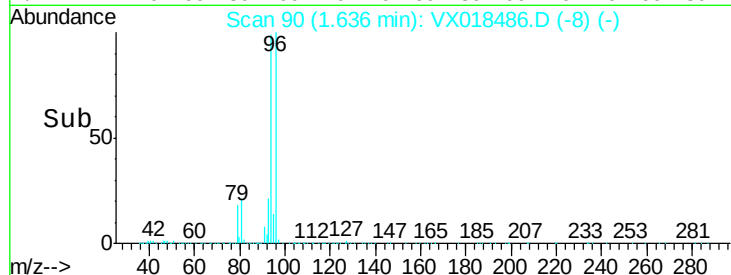
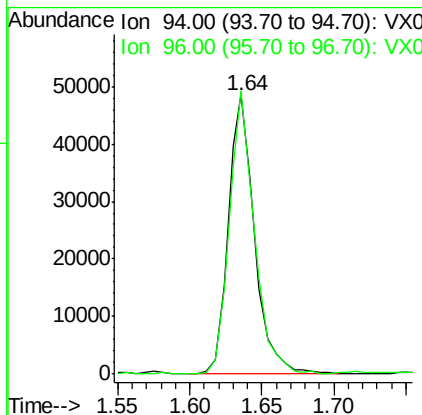
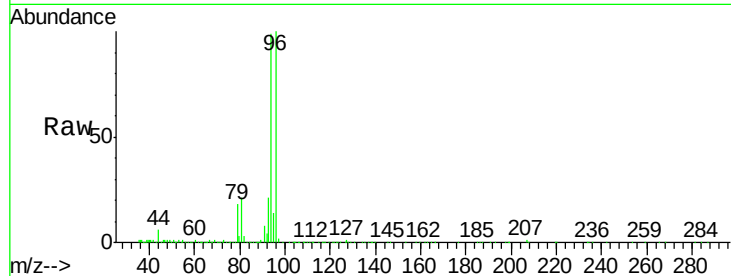
94 100

96 101.2 73.9 110.9

Manual Integrations
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#6

Chloroethane

Concen: 18.591 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX018486.D

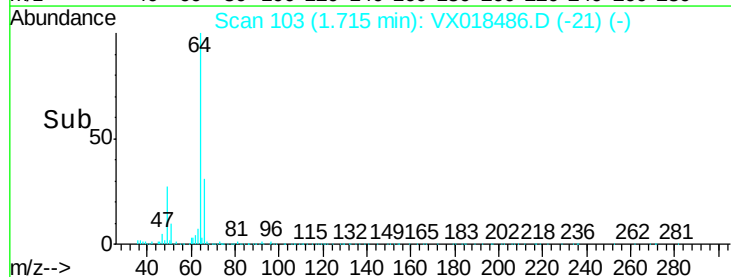
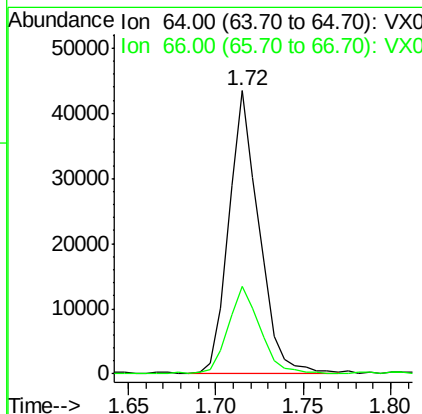
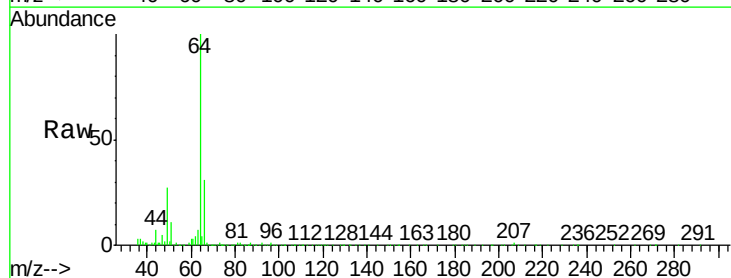
Acq: 18 Sep 2020 12:43

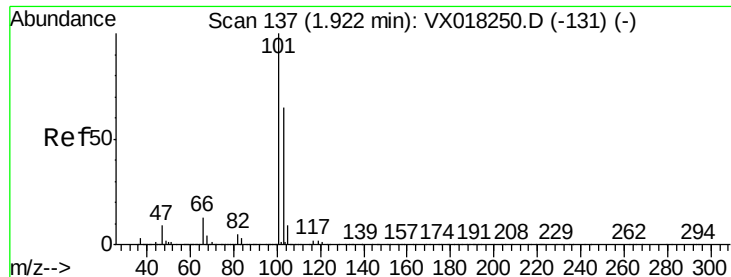
Tgt Ion: 64 Resp: 52310

Ion Ratio Lower Upper

64 100

66 30.6 27.0 40.4





#7

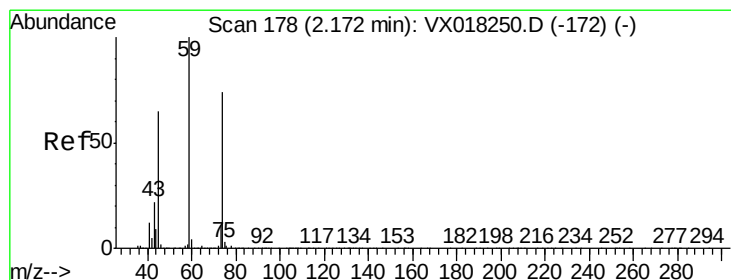
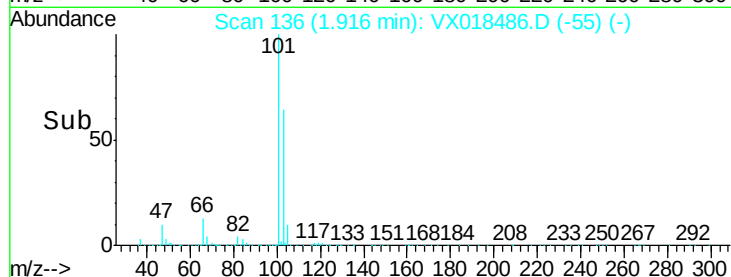
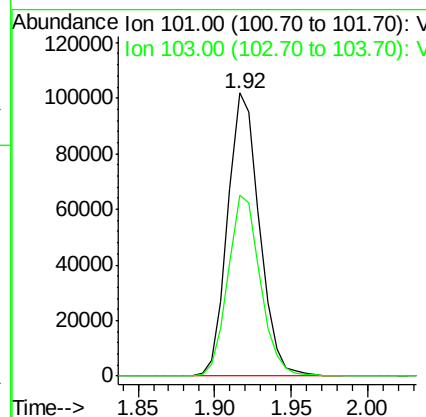
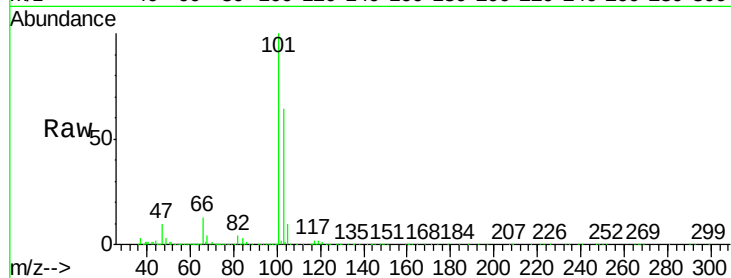
Trichlorofluoromethane
Concen: 18.707 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.0	52.3	78.5

Manual Integrations
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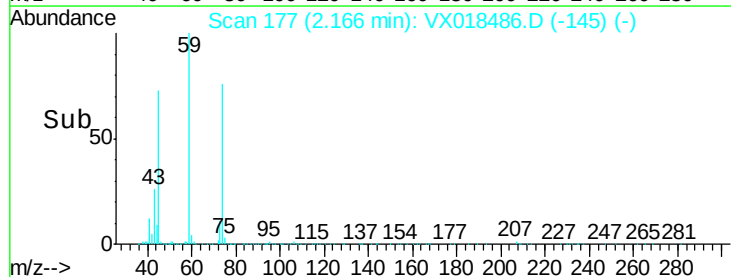
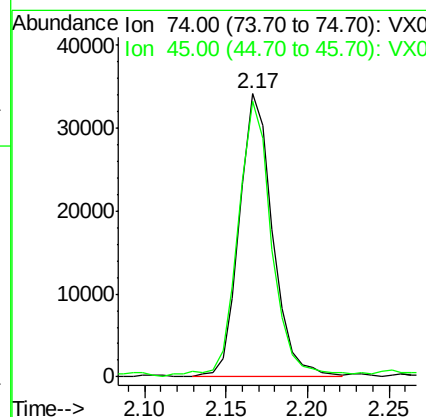
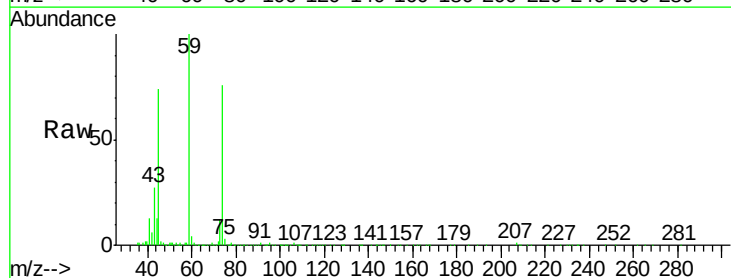
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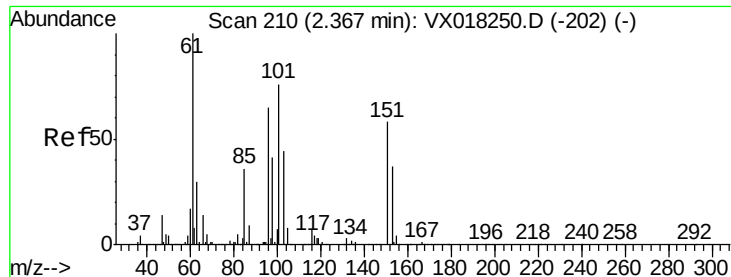


#8

Diethyl Ether
Concen: 19.647 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.2	20.5	184.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.032 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

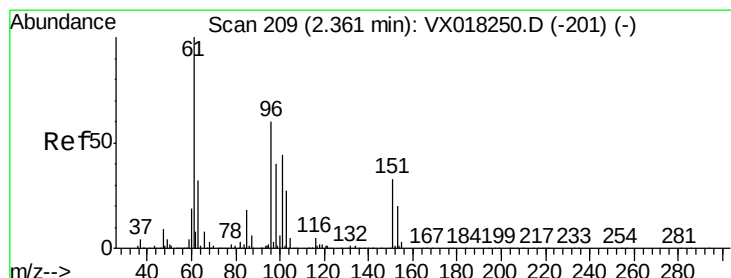
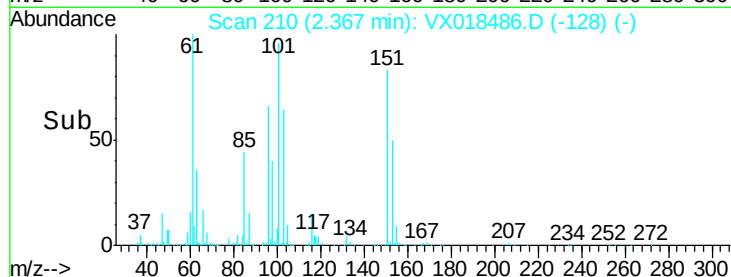
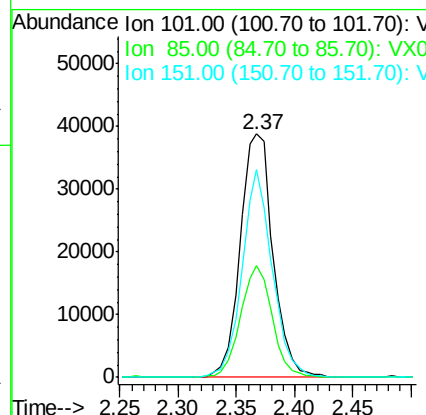
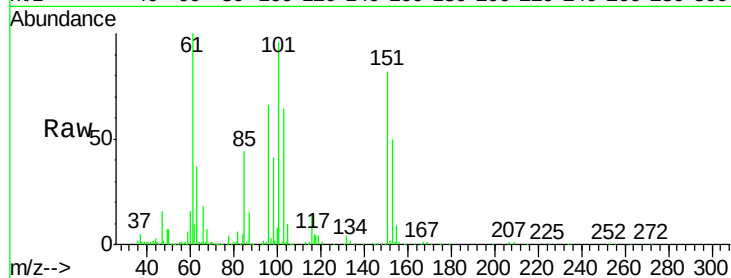
ClientSampleId :

VX0918WBSD01

Tot Ion:	101	Resp:	76290
Ion Ratio	Lower	Upper	
101	100		
85	44.4	0.0	87.8
151	78.3	0.0	161.4

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 18.211 ug/l

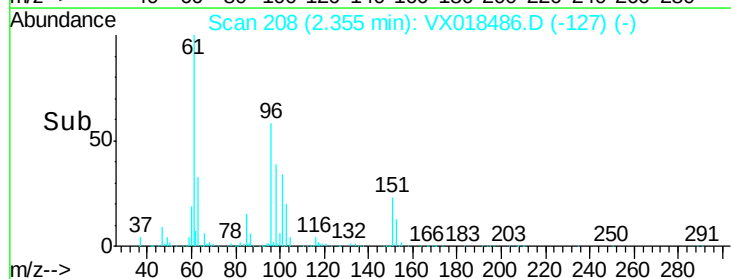
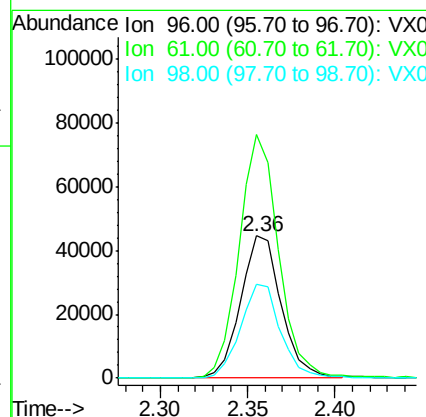
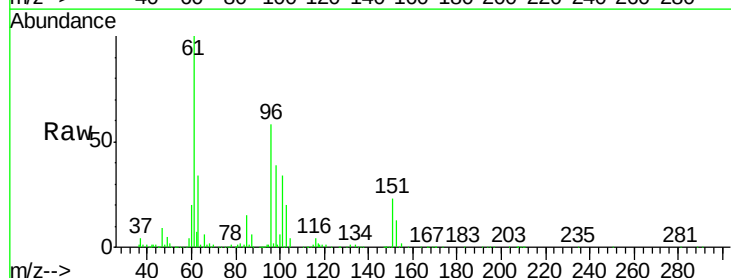
RT: 2.36 min Scan# 208

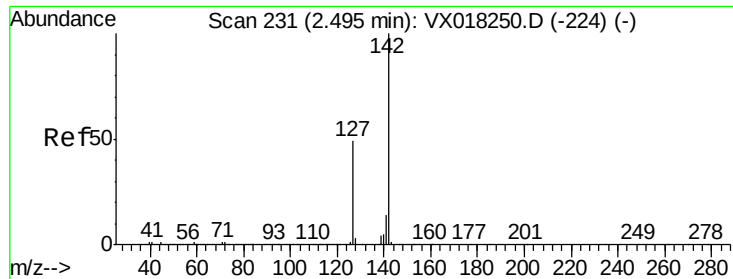
Delta R.T. -0.01 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Tgt Ion:	96	Resp:	71657
Ion Ratio	Lower	Upper	
96	100		
61	171.6	132.5	198.7
98	66.0	52.4	78.6





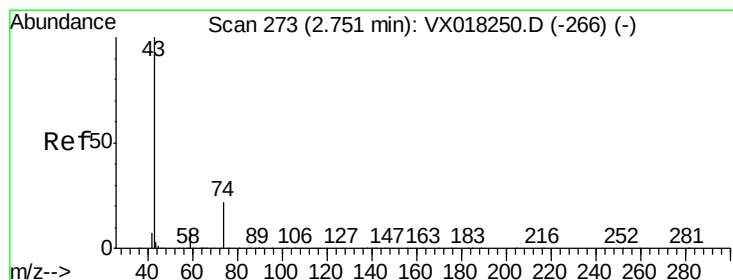
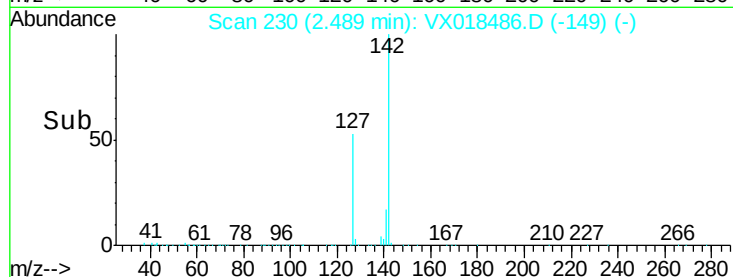
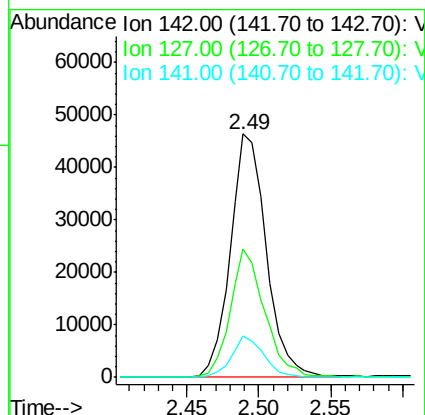
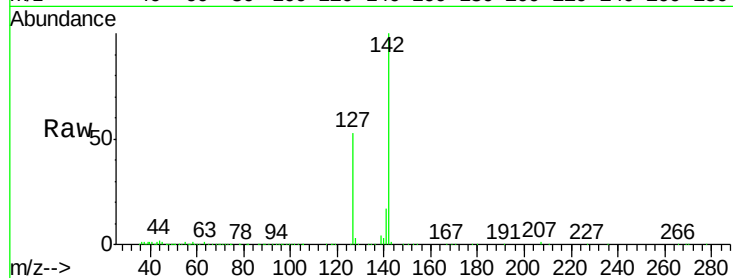
#11
Methvl Iodide
Concen: 21.130 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

Tot Ion	Ratio	Lower	Upper
142	100		
127	52.6	24.6	74.0
141	17.2	7.0	21.0

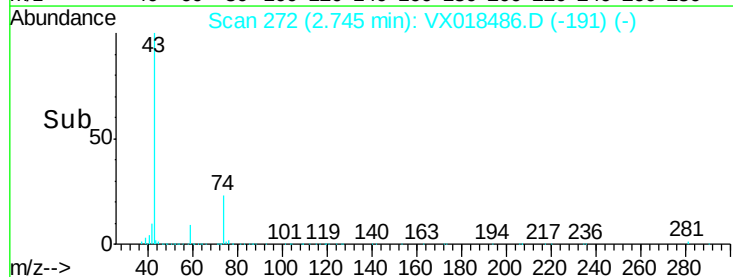
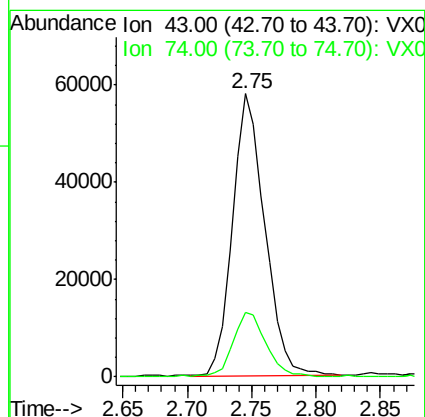
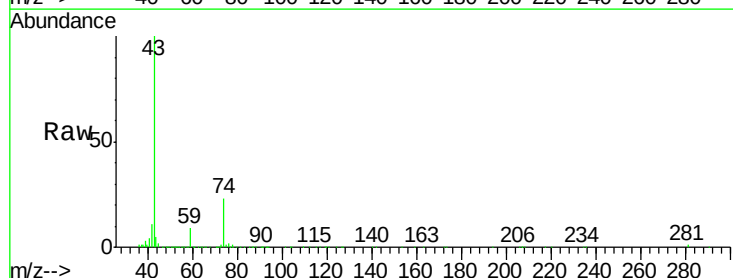
Manual Integrations
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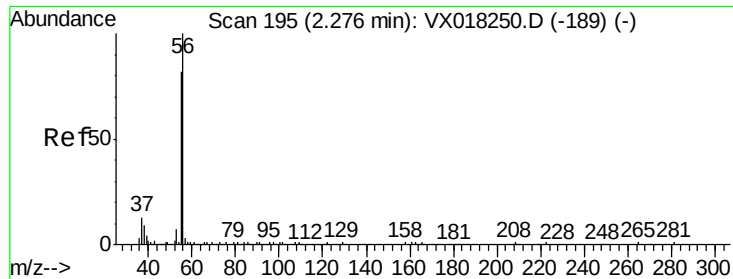
MMDadoda
9/21/2020 11:50:45 AM



#12
Methyl Acetate
Concen: 19.609 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	18.0	27.0





#13

Acrolein

Concen: 92.185 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

Tot Ion: 56 Resp: 38534

Ion Ratio Lower Upper

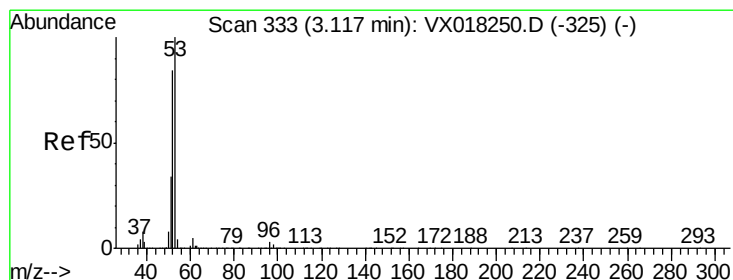
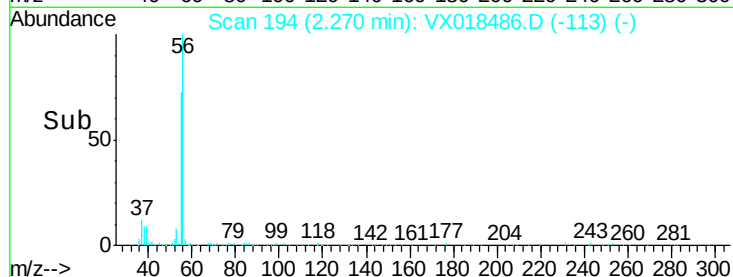
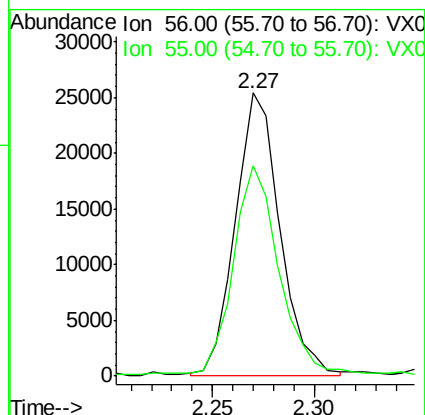
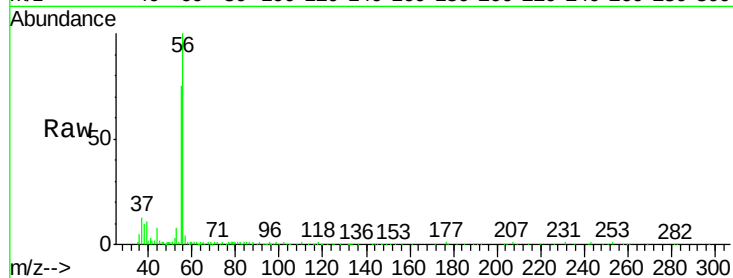
56 100

55 75.9 59.7 89.5

Manual Integrations
APPROVED

MMDadoda

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#14

Acrylonitrile

Concen: 95.918 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

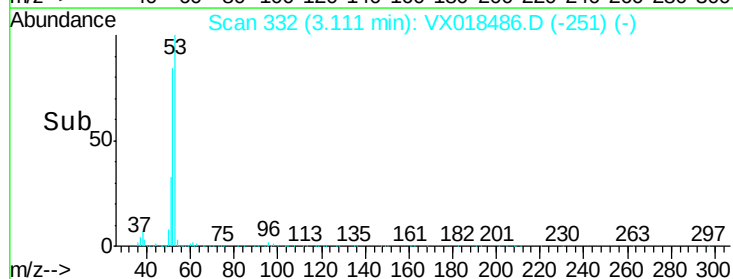
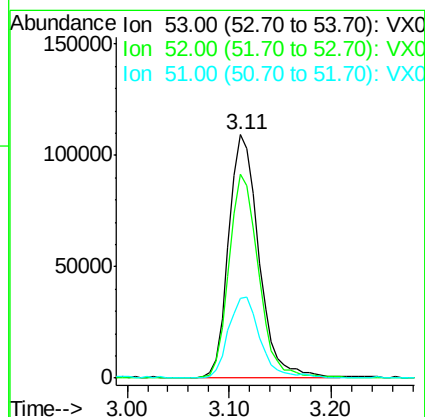
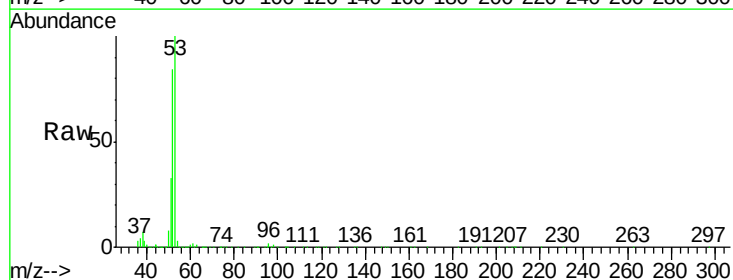
Tgt Ion: 53 Resp: 225110

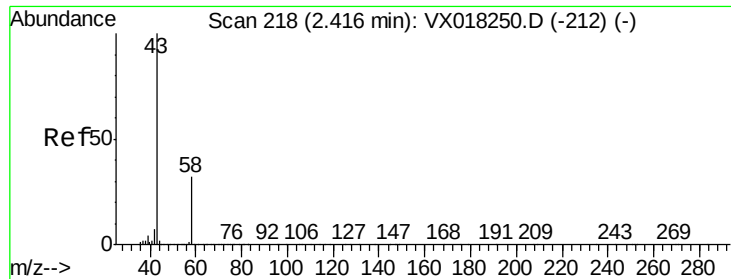
Ion Ratio Lower Upper

53 100

52 80.6 41.9 125.7

51 35.1 18.3 54.8





#15

Acetone

Concen: 91.929 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampled :

VX0918WBSD01

Tot Ion: 58 Resp: 58659

Ion Ratio Lower Upper

58 100

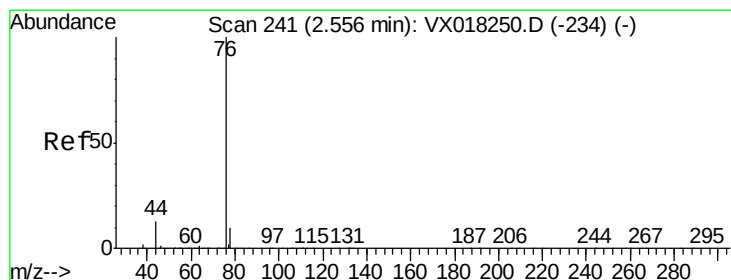
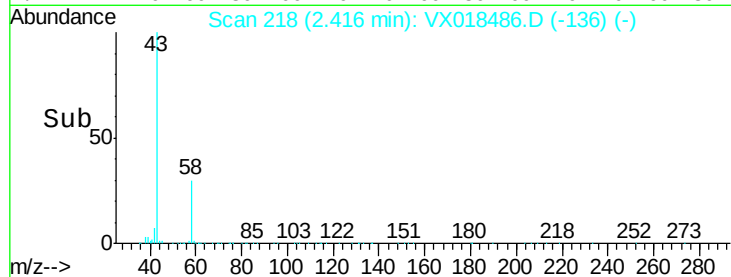
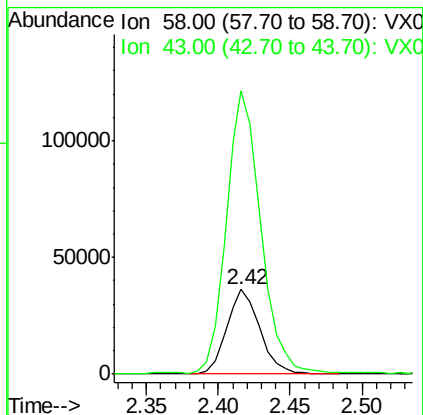
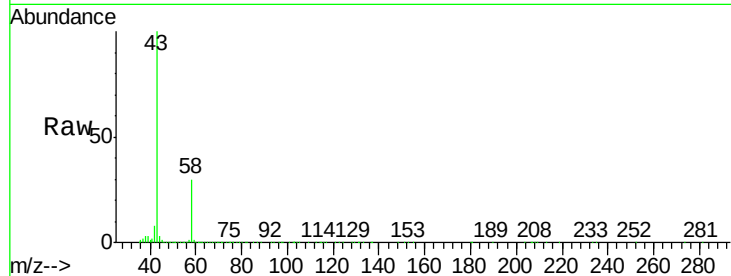
43 335.1 248.2 372.2

Manual Integrations

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#16

Carbon Disulfide

Concen: 18.055 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.01 min

Lab File: VX018486.D

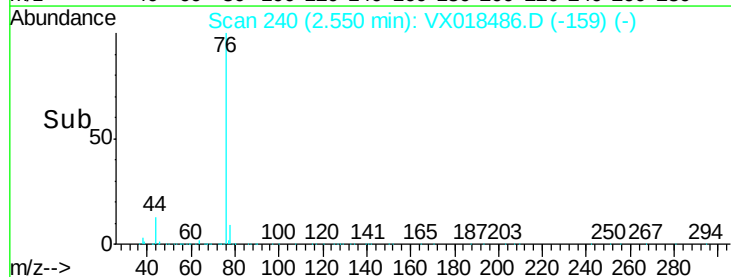
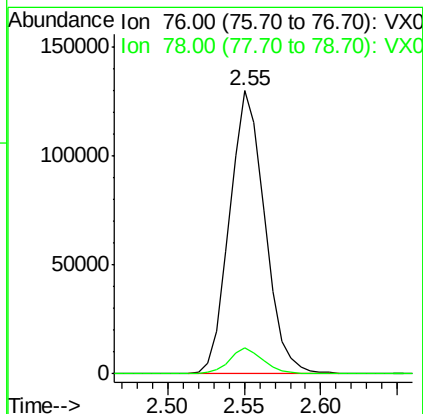
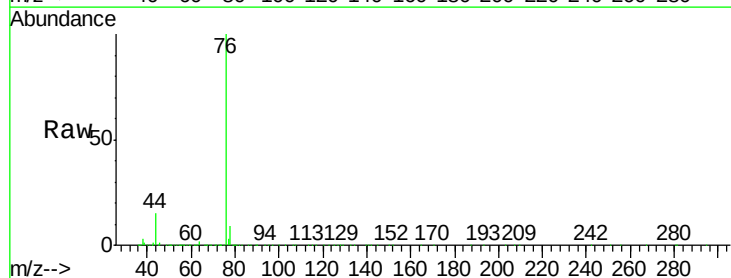
Acq: 18 Sep 2020 12:43

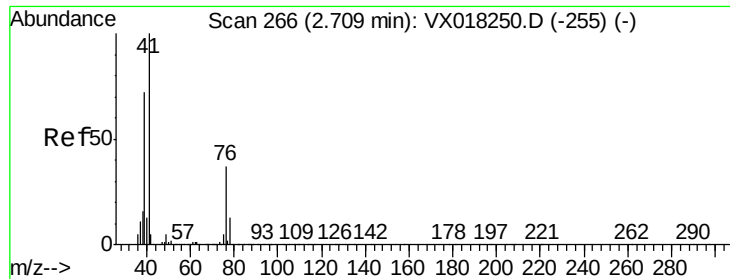
Tgt Ion: 76 Resp: 206856

Ion Ratio Lower Upper

76 100

78 9.3 7.8 11.6





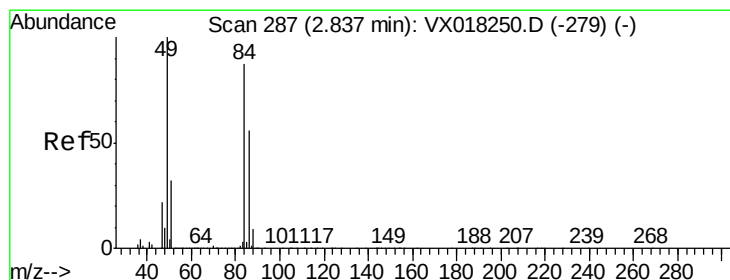
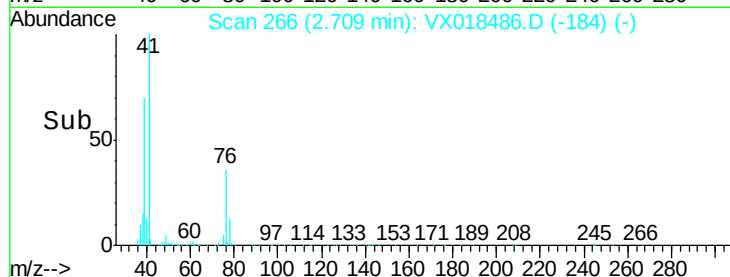
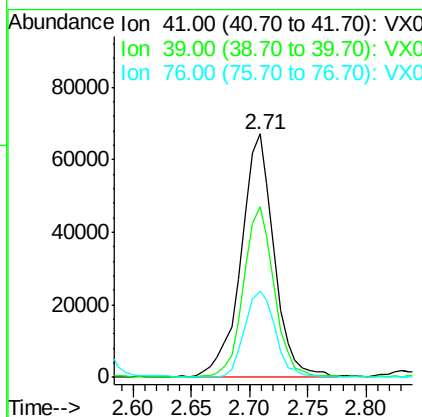
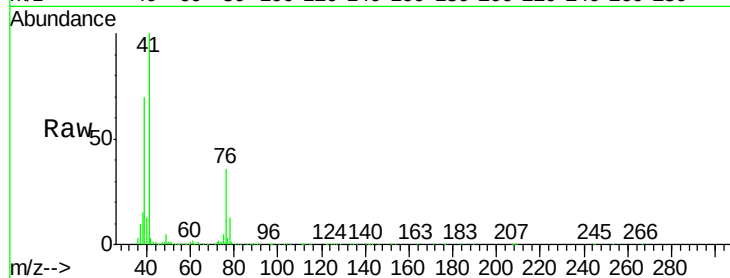
#17
Allvl chloride
Concen: 18.653 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	70.1	36.0	108.1
76	35.5	18.6	55.6

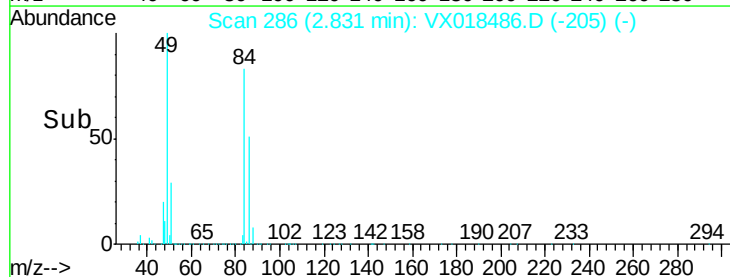
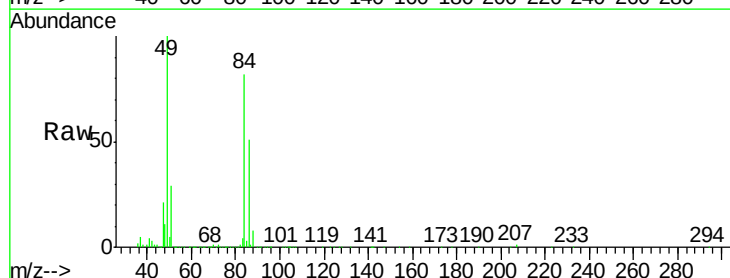
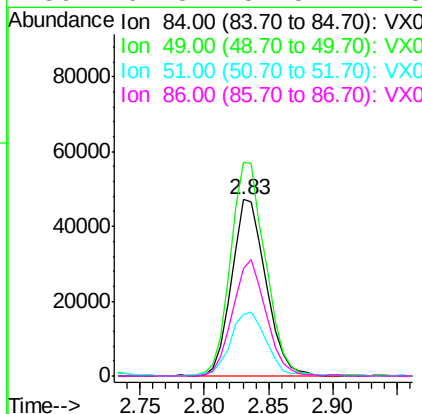
Manual Integrations
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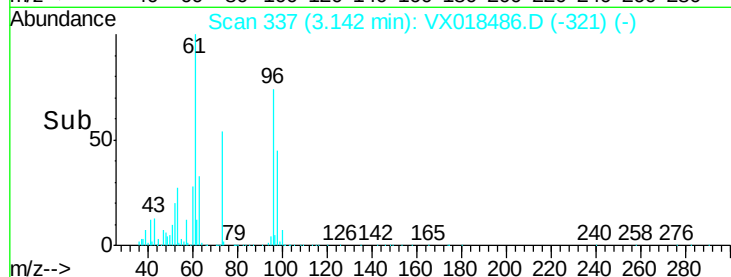
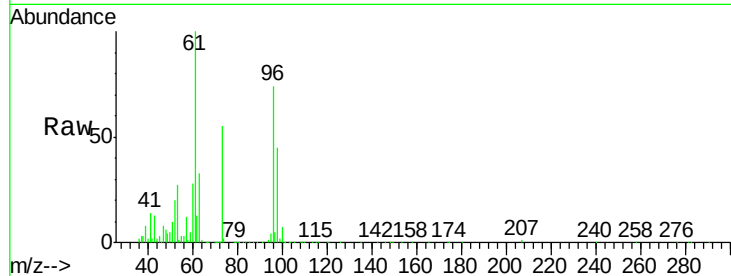
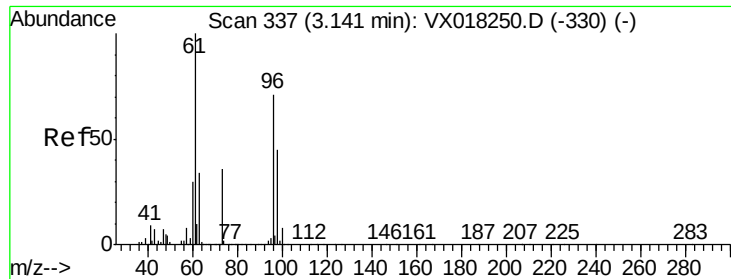
MMDadoda
9/21/2020 11:50:45 AM



#18
Methylene Chloride
Concen: 18.989 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.3	91.6	137.4
51	34.9	29.4	44.0
86	61.3	51.5	77.3





#19

trans-1,2-Dichloroethene

Concen: 18.661 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX018486.D

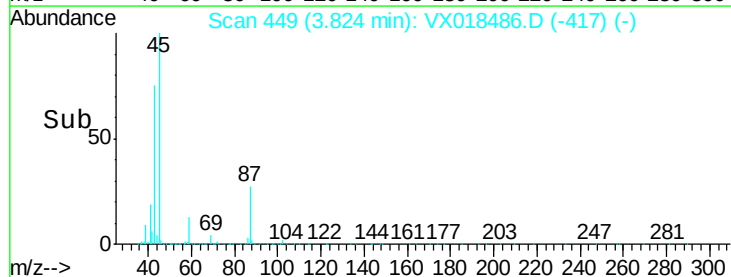
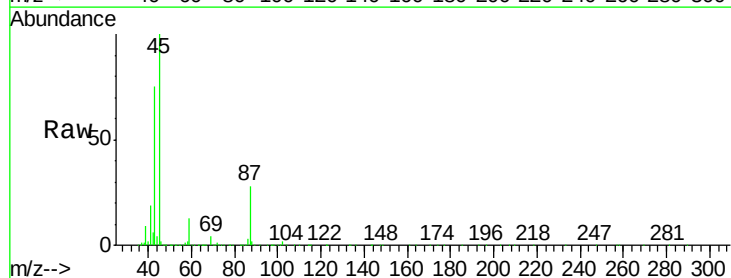
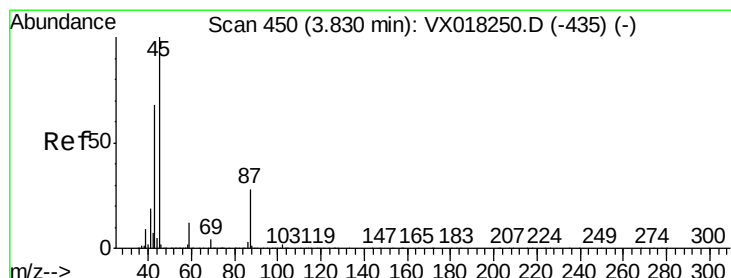
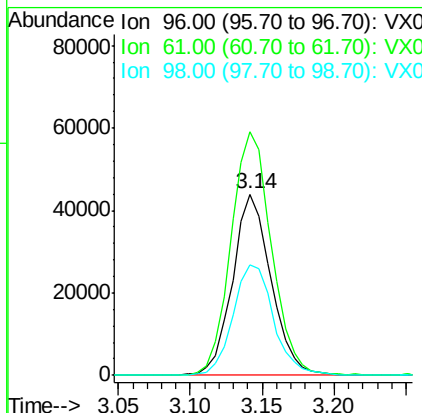
Acq: 18 Sep 2020 12:43

Tot Ion:	96	Resp:	81525
Ion Ratio	Lower	Upper	
96	100		
61	134.9	112.8	169.2
98	60.9	51.0	76.4

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

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#20

Diisopropyl ether

Concen: 19.681 ug/l

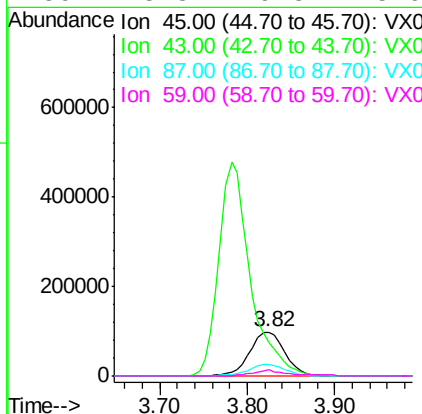
RT: 3.82 min Scan# 449

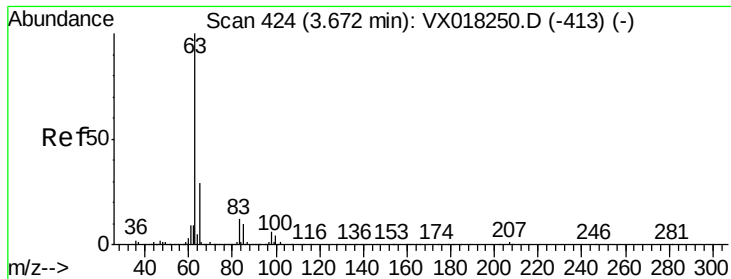
Delta R.T. -0.01 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Tgt Ion:	45	Resp:	274014
Ion Ratio	Lower	Upper	
45	100		
43	74.9	54.5	81.7
87	27.5	22.2	33.2
59	13.3	9.3	13.9





#21

1,1-Dichloroethane

Concen: 19.069 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

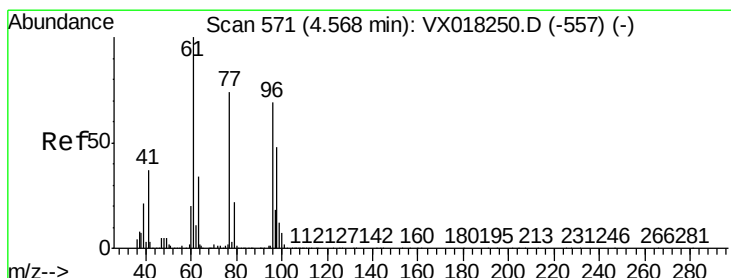
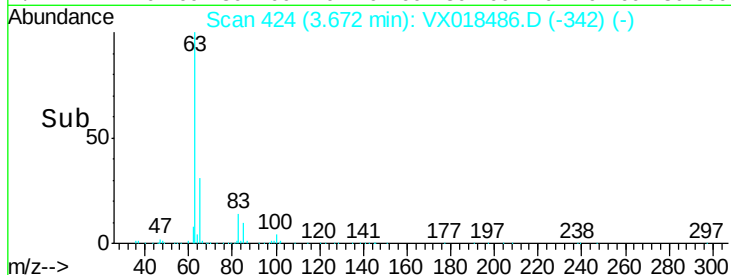
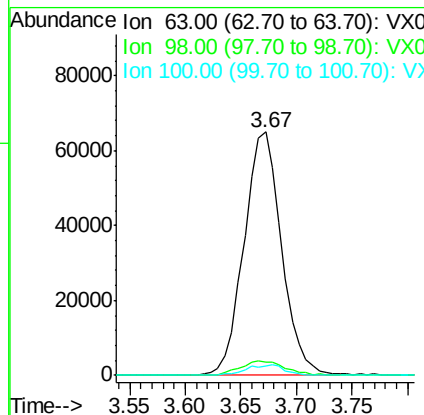
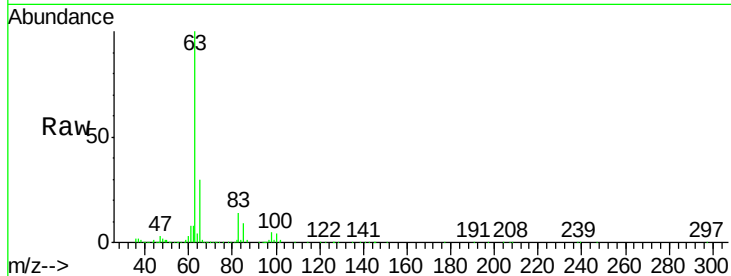
ClientSampleId :

VX0918WBSD01

Tot Ion:	63	Resp:	152388
Ion Ratio		Lower	Upper
63	100		
98	5.5	3.2	9.6
100	3.9	2.1	6.3

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 18.889 ug/l

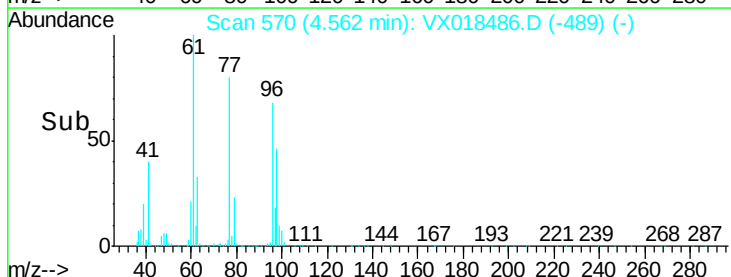
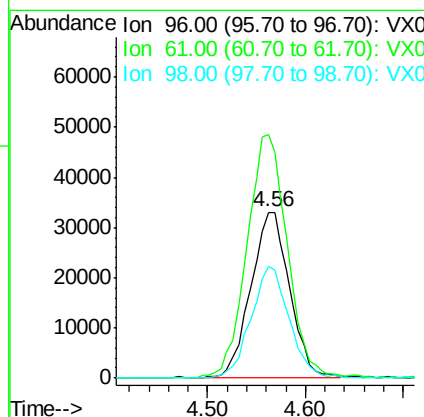
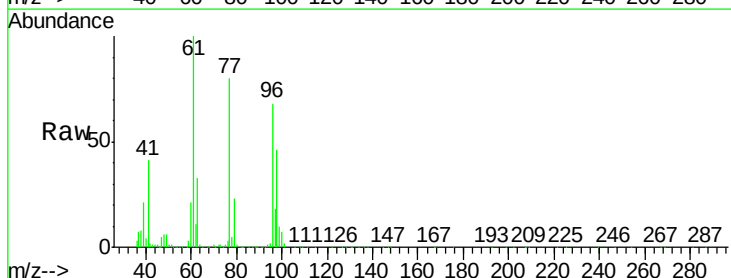
RT: 4.56 min Scan# 570

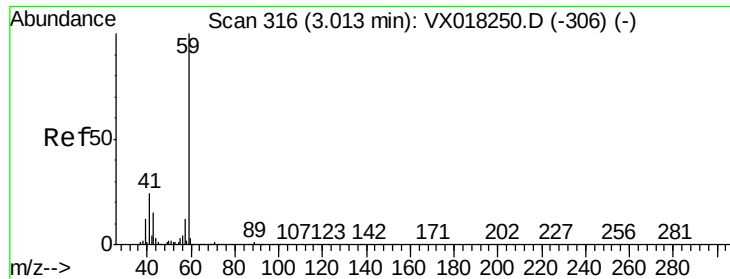
Delta R.T. -0.01 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Tgt Ion:	96	Resp:	91300
Ion Ratio		Lower	Upper
96	100		
61	151.8	116.2	174.4
98	65.5	52.5	78.7





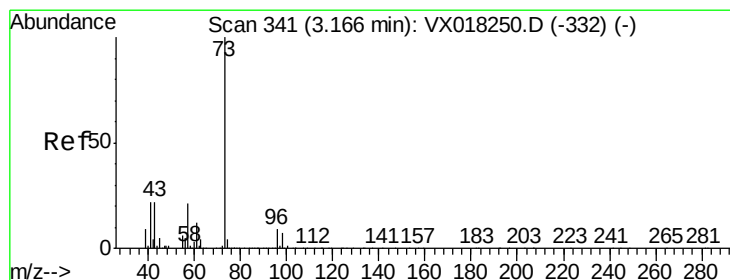
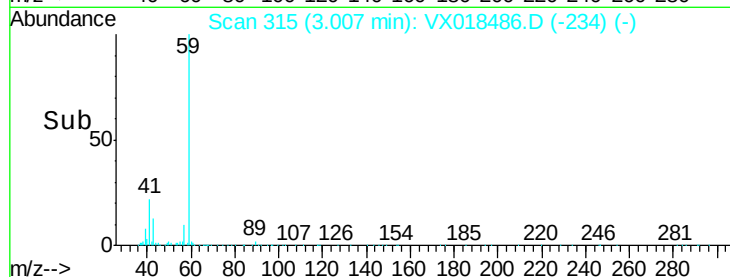
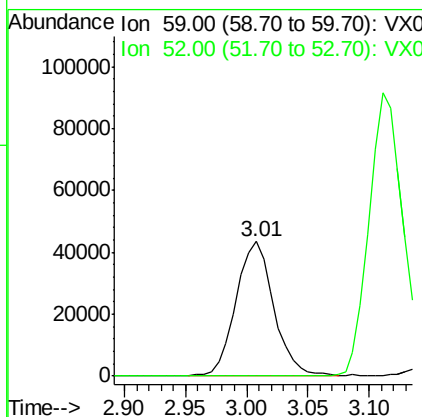
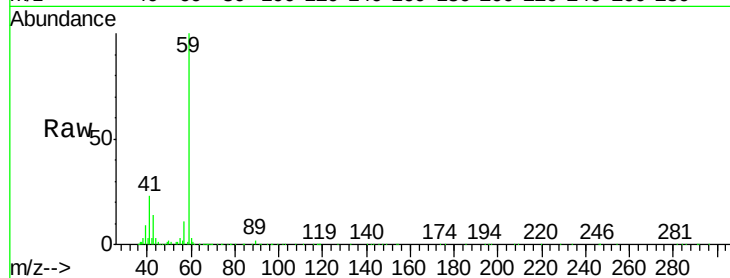
#23
 tert-Butyl Alcohol
 Concen: 91.974 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX018486.D
 Acq: 18 Sep 2020 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.1	0.4	0.6#

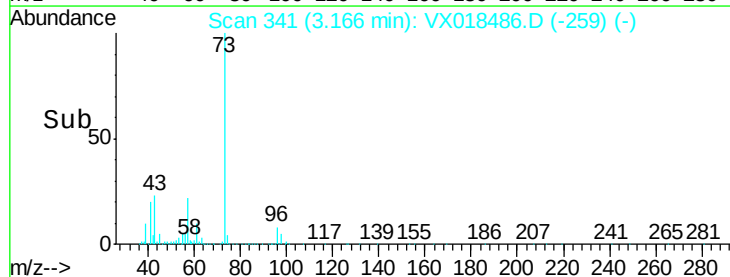
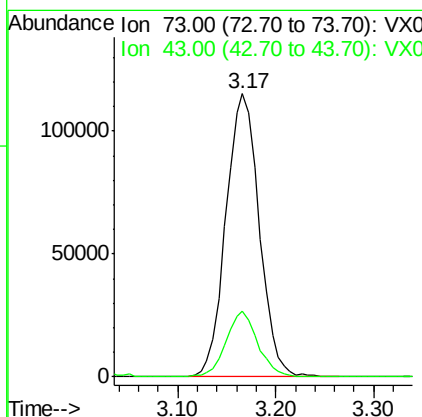
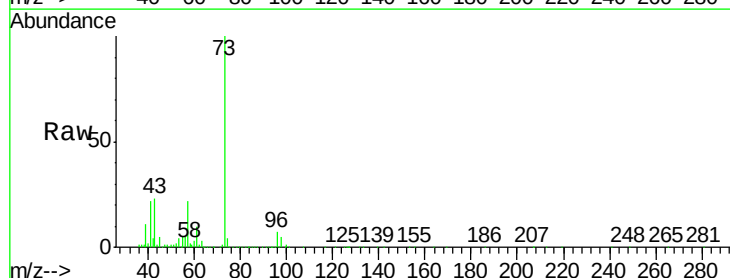
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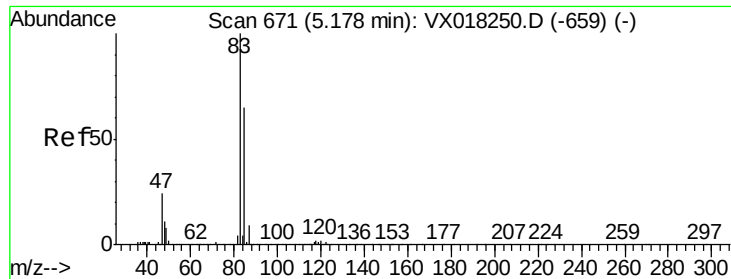
MMDadoda
 9/21/2020 11:50:45 AM



#24
 Methyl tert-Butyl Ether
 Concen: 19.390 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX018486.D
 Acq: 18 Sep 2020 12:43

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.8	17.8	26.6





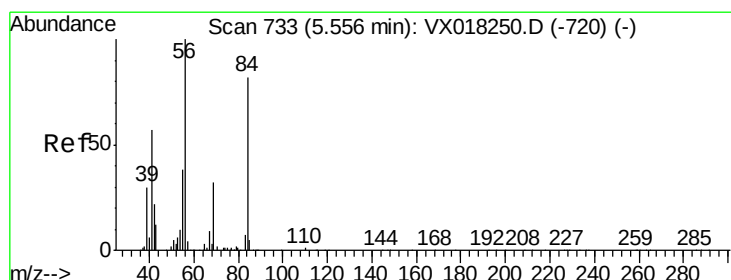
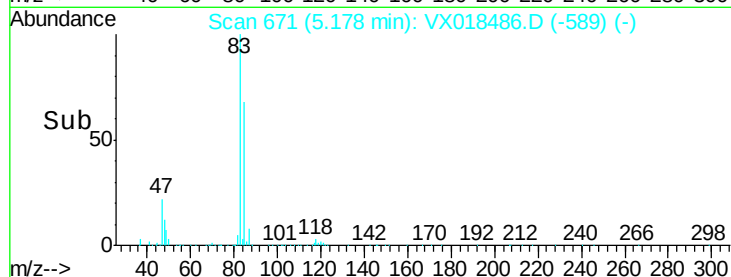
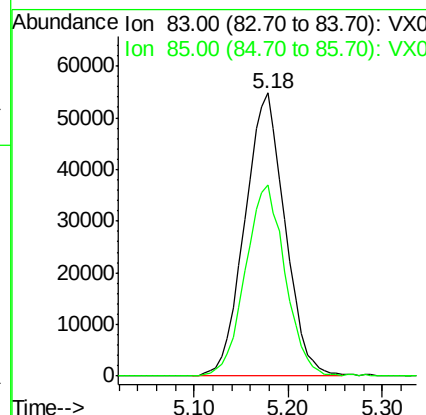
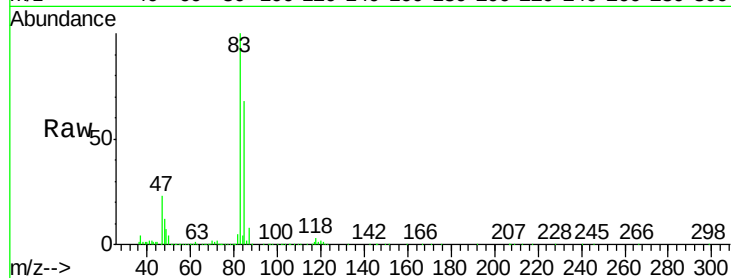
#25
Chloroform
Concen: 19.063 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

Tot Ion	83	Resp	162589
Ion Ratio	100	Lower	Upper
83	100		
85	67.4	51.6	77.4

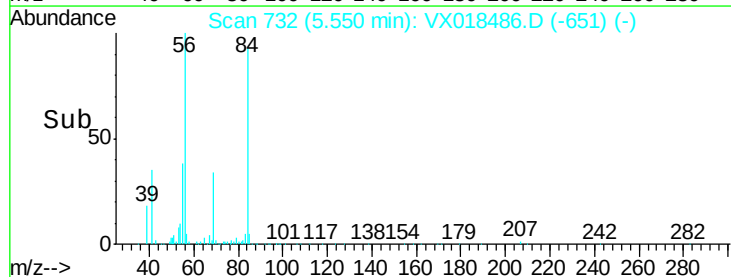
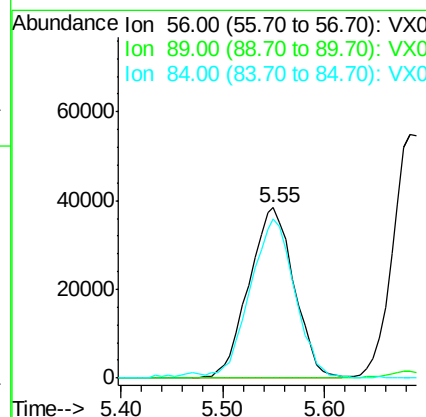
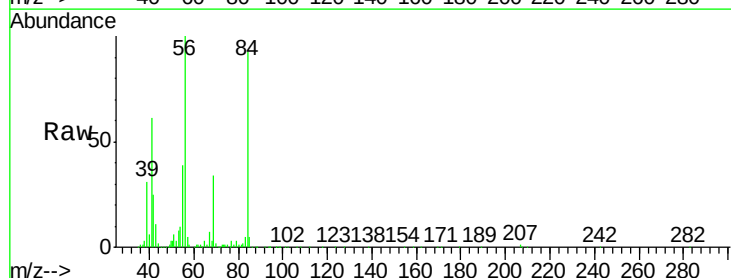
Manual Integrations
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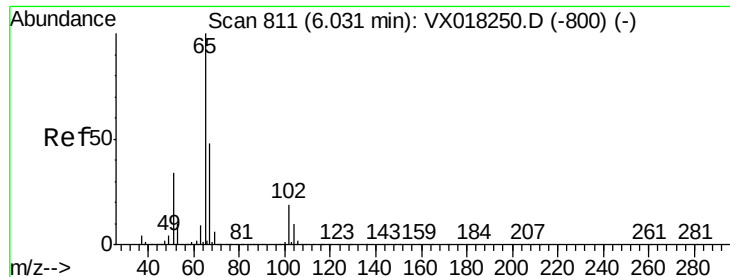
MMDadoda
9/21/2020 11:50:45 AM



#26
Cyclohexane
Concen: 18.233 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

Tgt Ion	56	Resp	117608
Ion Ratio	100	Lower	Upper
56	100		
89	0.1	0.1	0.1
84	92.4	41.0	61.4#





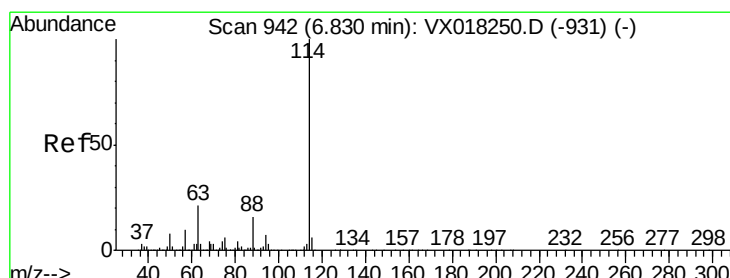
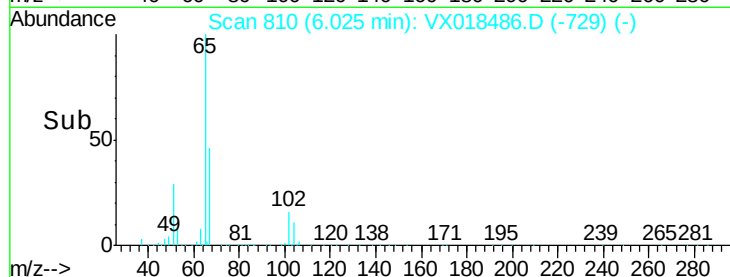
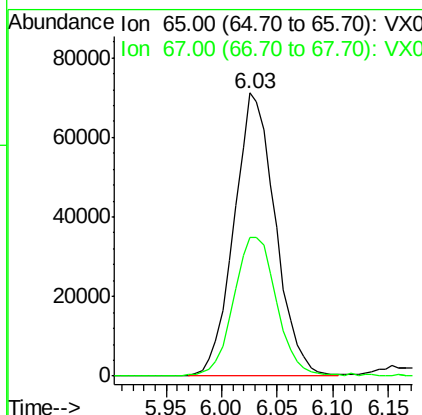
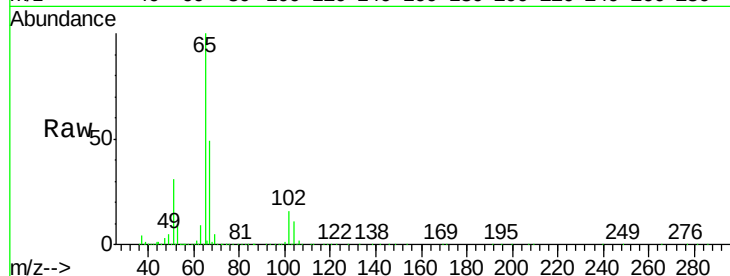
#27
 1,2-Dichloroethane-d4
 Concen: 29.669 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX018486.D
 Acq: 18 Sep 2020 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.1	39.9	59.9

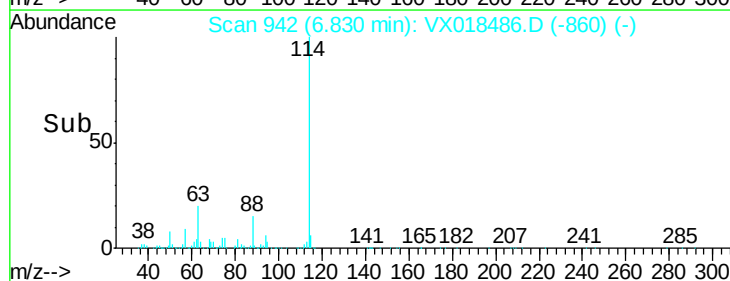
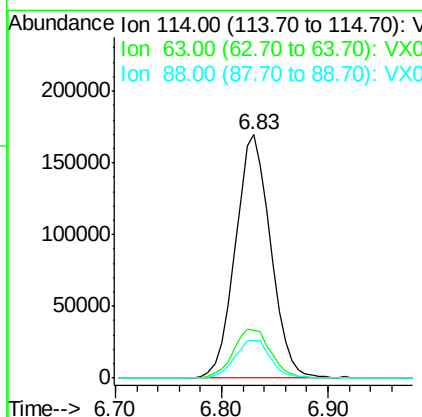
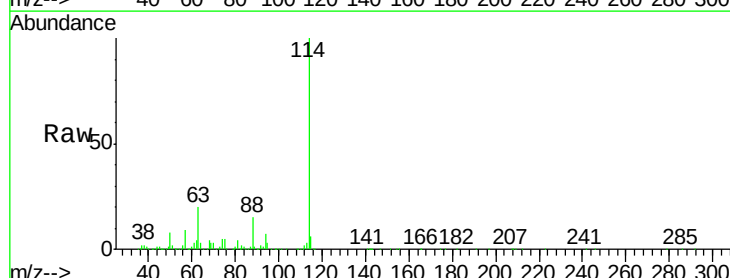
Manual Integrations
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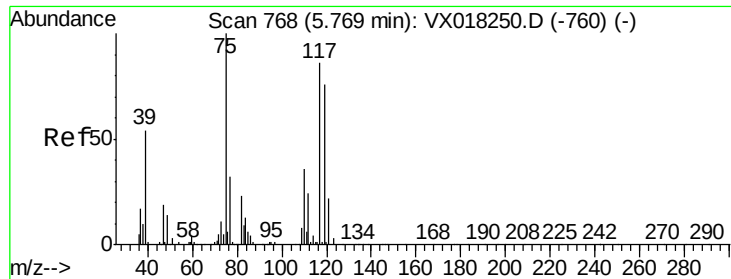
MMDadoda
 9/21/2020 11:50:45 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX018486.D
 Acq: 18 Sep 2020 12:43

Tgt Ion	Ratio	Lower	Upper
114	100		
63	21.5	16.7	25.1
88	16.0	12.6	18.8





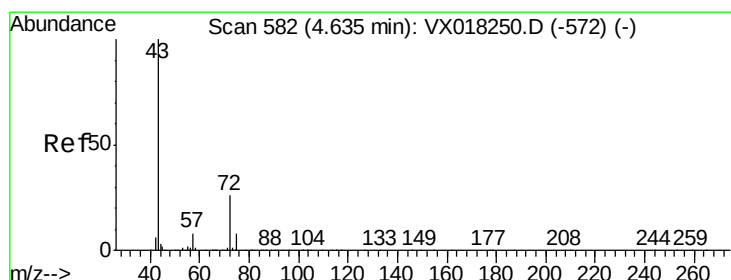
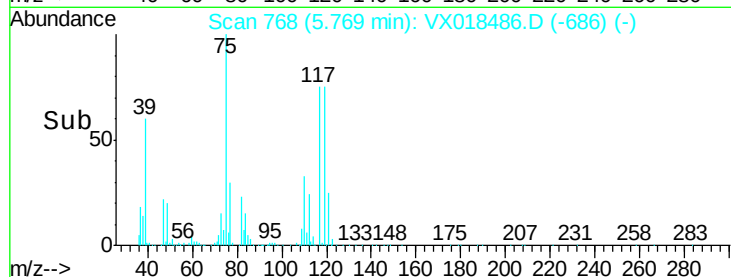
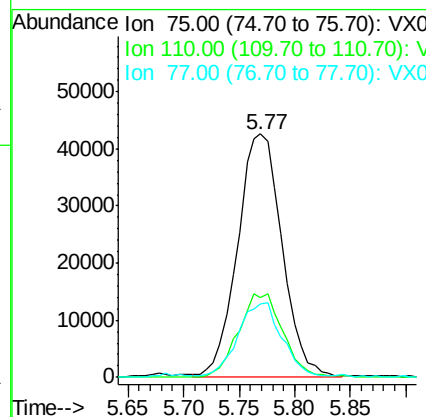
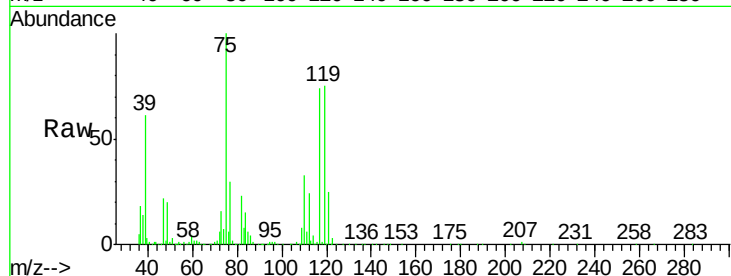
#29
 1,1-Dichloropropene
 Concen: 19.630 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX018486.D
 Acq: 18 Sep 2020 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	34.5	0.0	72.2
77	30.2	0.0	61.0

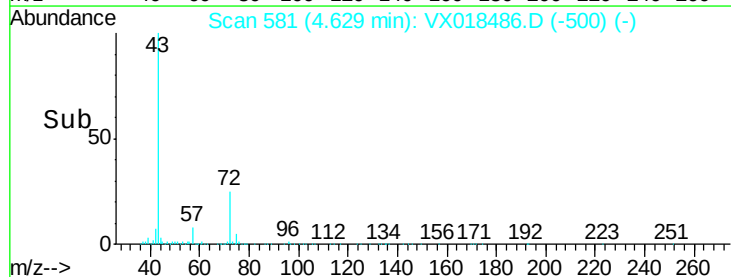
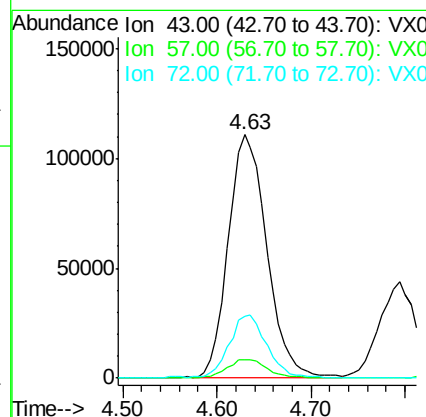
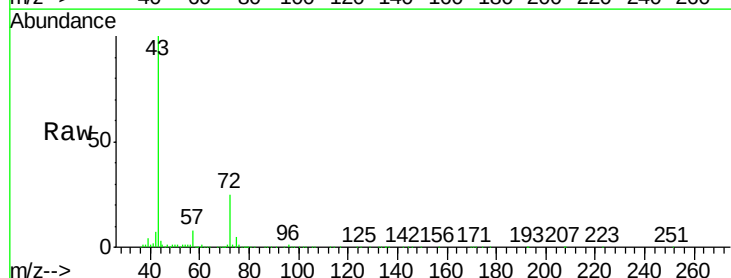
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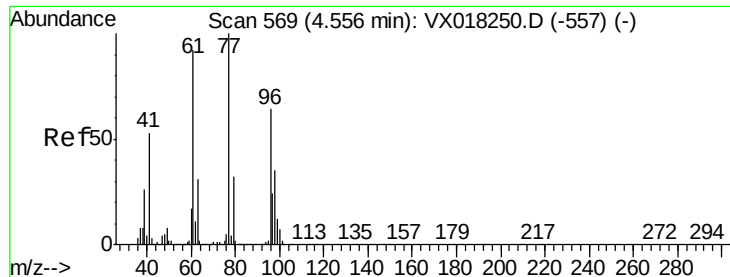
MMDadoda
 9/21/2020 11:50:45 AM



#30
 2-Butanone
 Concen: 95.552 ug/l
 RT: 4.63 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: VX018486.D
 Acq: 18 Sep 2020 12:43

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	7.9	6.7	10.1
72	23.8	20.0	30.0





#31

2,2-Dichloropropane

Concen: 19.022 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

Tot Ion: 77 Resp: 138233

Ion Ratio Lower Upper

77 100

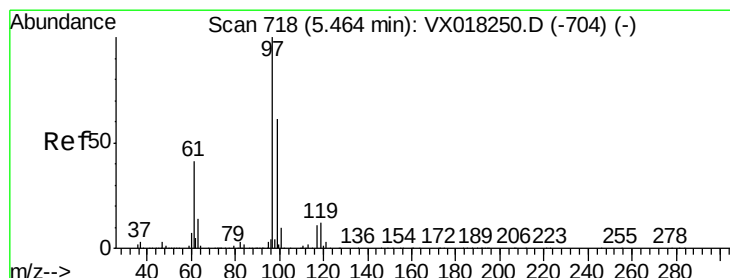
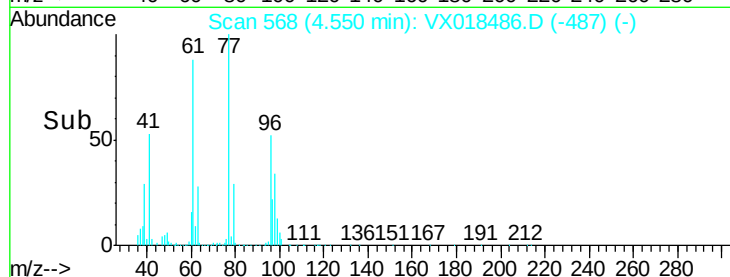
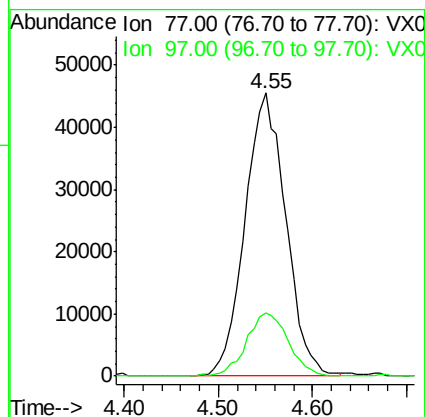
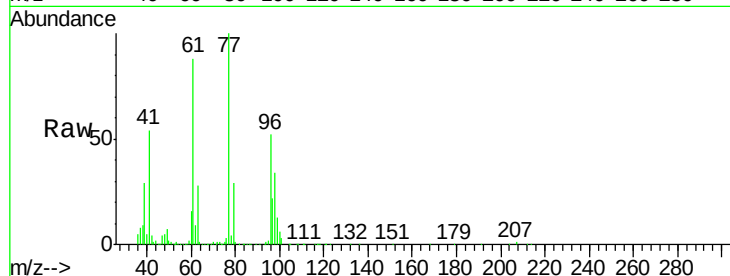
97 22.9 18.1 27.1

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#32

1,1,1-Trichloroethane

Concen: 19.100 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

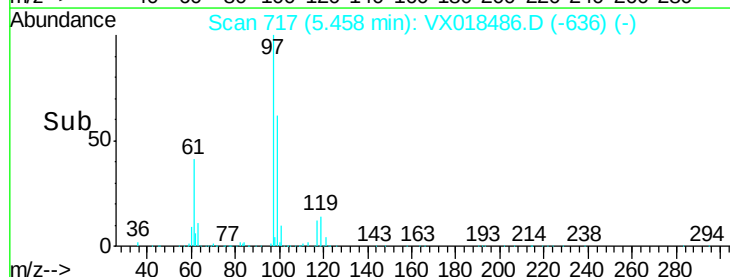
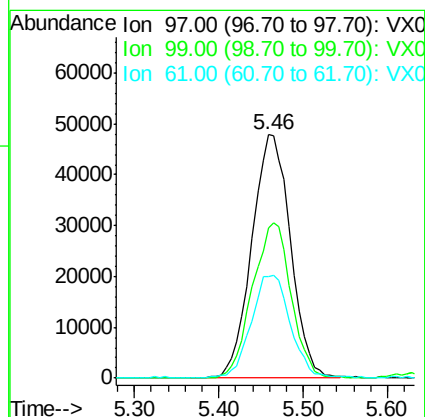
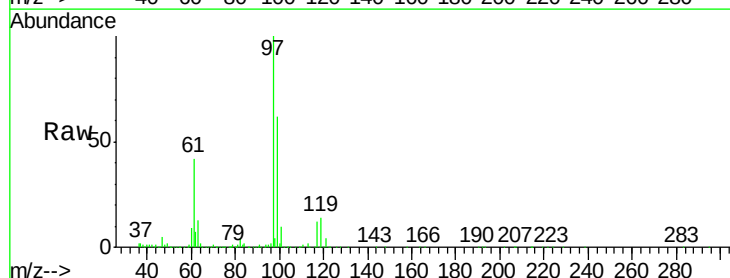
Tgt Ion: 97 Resp: 150401

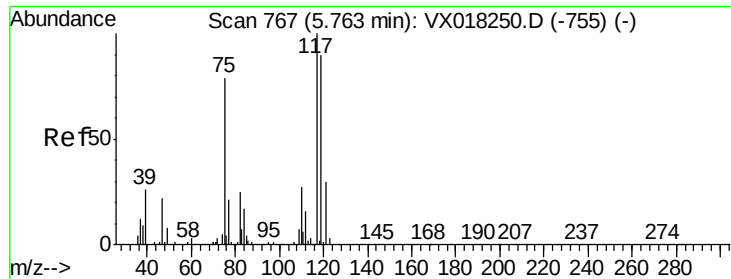
Ion Ratio Lower Upper

97 100

99 63.4 50.7 76.1

61 42.8 34.5 51.7





#33

Carbon Tetrachloride

Concen: 18.997 ug/l

RT: 5.76 min Scan# 766

Delta R.T. -0.01 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

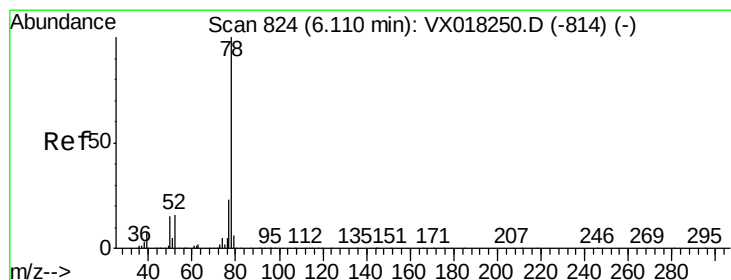
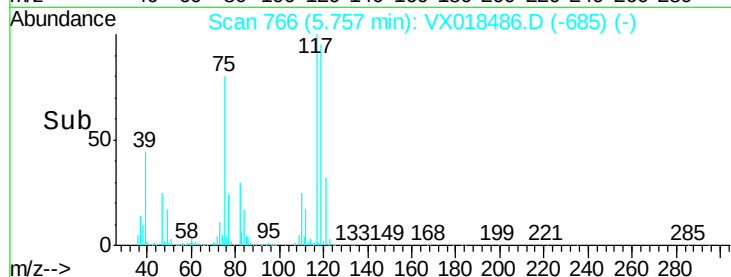
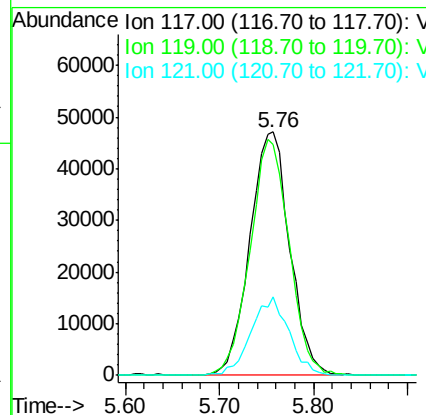
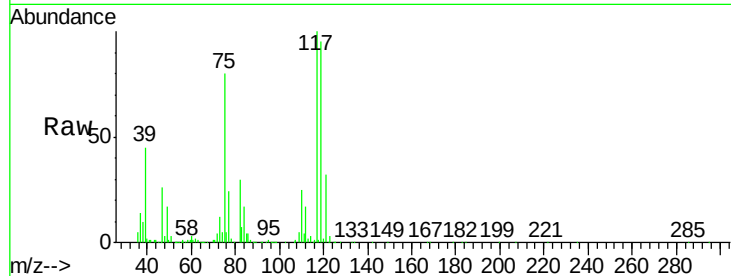
ClientSampleId :

VX0918WBSD01

Tot Ion:	117	Resp:	139394
Ion Ratio	Lower	Upper	
117	100		
119	94.2	72.3	108.5
121	32.1	24.1	36.1

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#34

Benzene

Concen: 18.985 ug/l

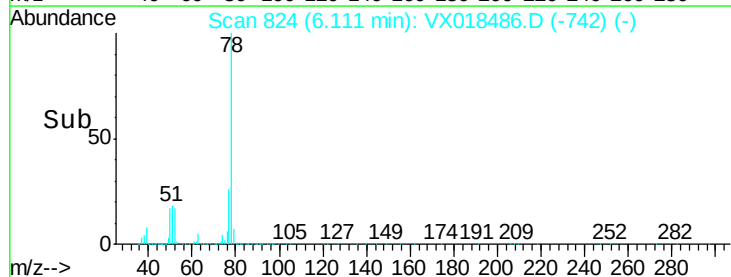
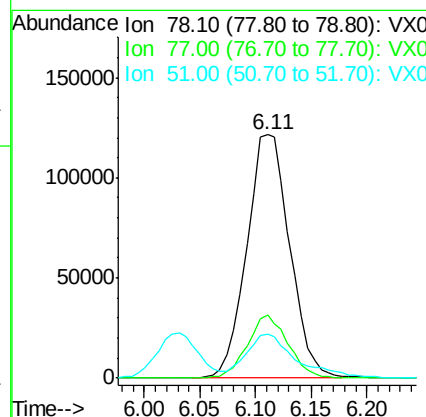
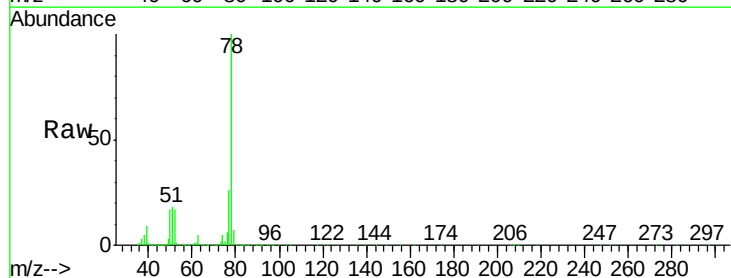
RT: 6.11 min Scan# 824

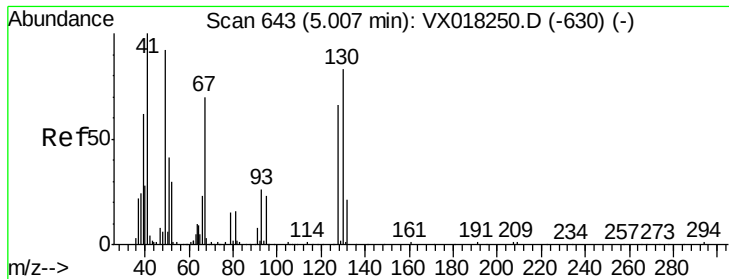
Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Tgt Ion:	78	Resp:	326028
Ion Ratio	Lower	Upper	
78	100		
77	25.8	18.3	27.5
51	15.6	11.3	16.9





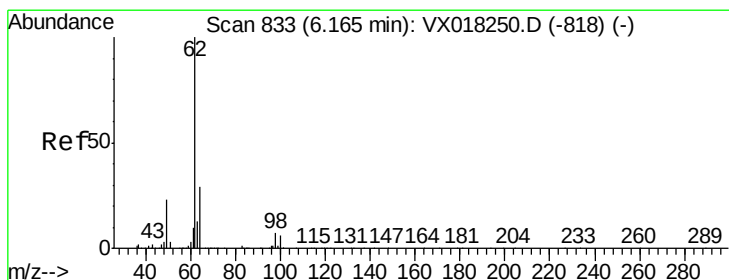
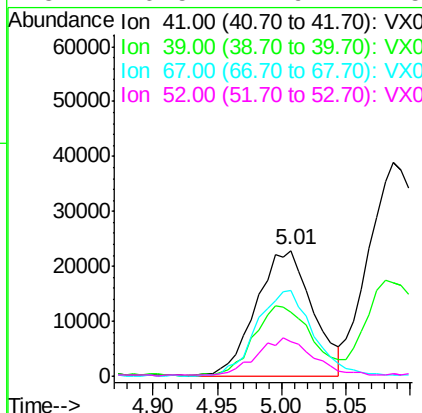
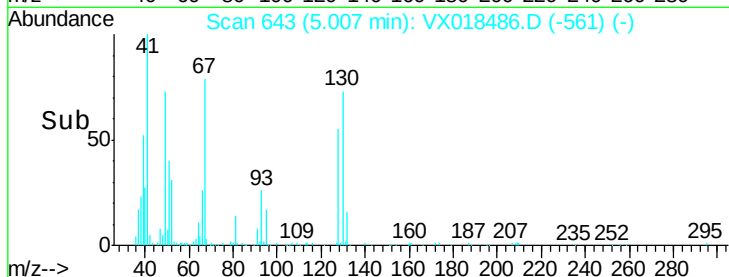
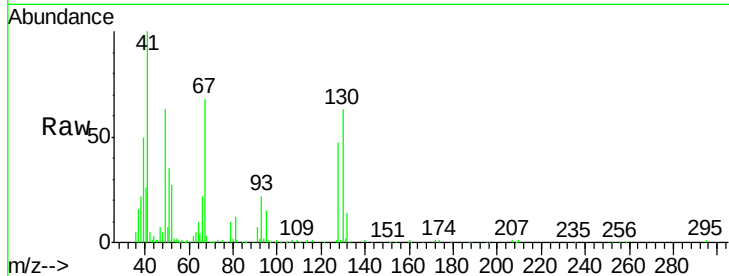
#35
Methacrylonitrile
Concen: 20.034 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	50.0	31.3	93.9	
67	68.4	35.4	106.2	
52	26.5	14.9	44.5	

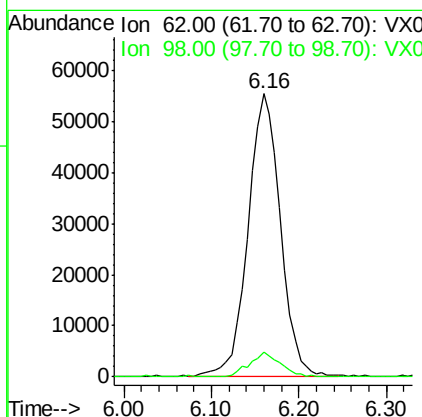
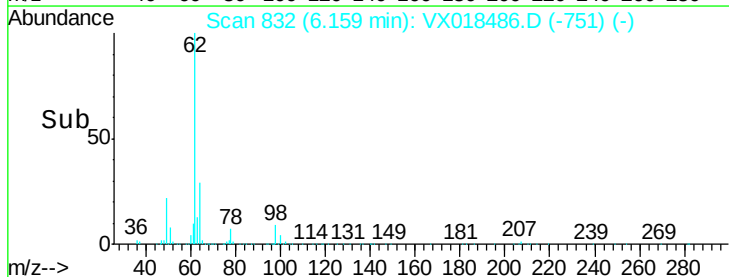
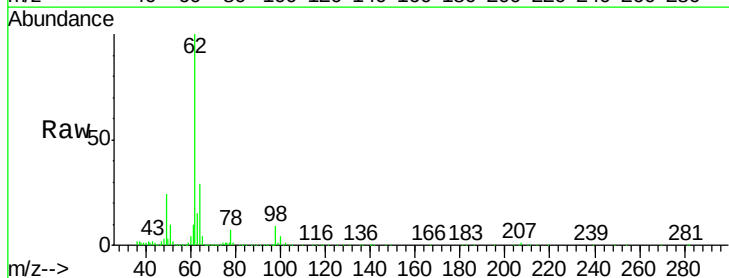
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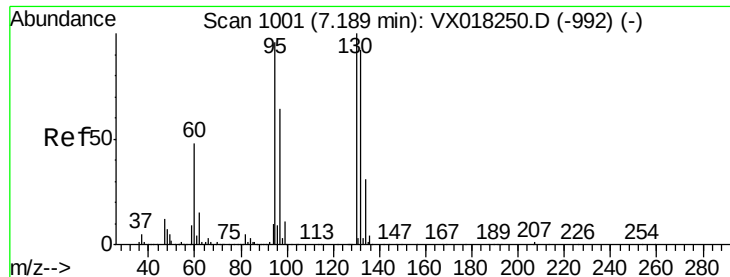
MMDadoda
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#36
1,2-Dichloroethane
Concen: 19.991 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.3	0.0	0.0#	





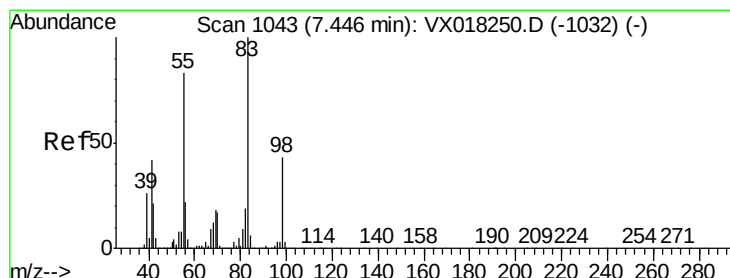
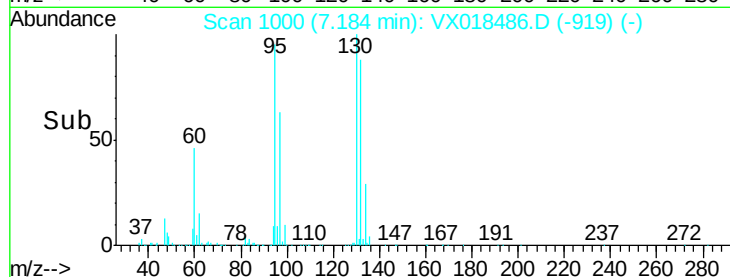
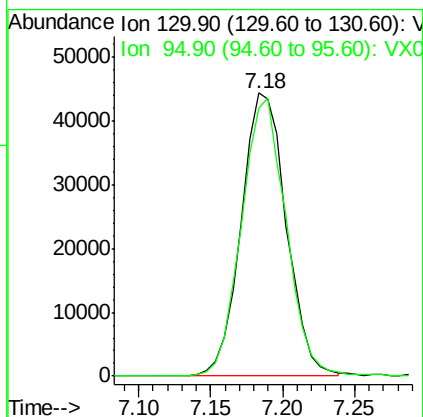
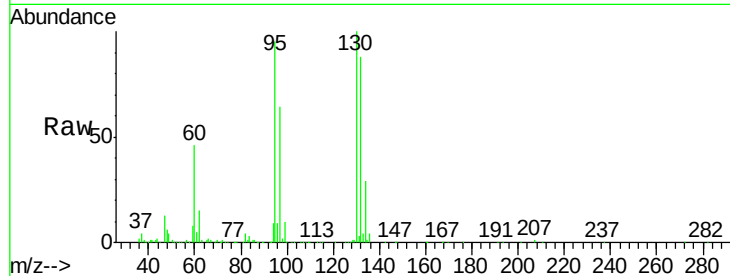
#37
 Trichloroethene
 Concen: 19.370 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX018486.D
 Acq: 18 Sep 2020 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

Tot Ion:130 Resp: 96186
 Ion Ratio Lower Upper
 130 100
 95 94.4 76.9 115.3

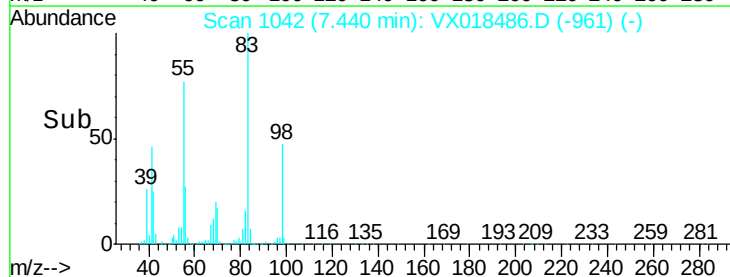
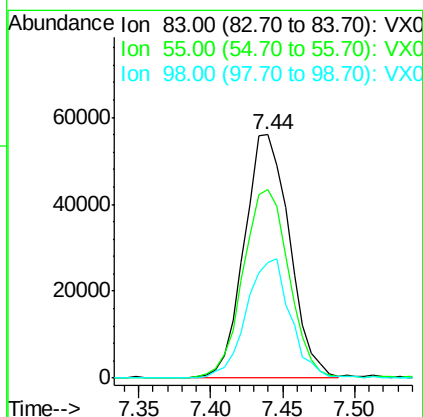
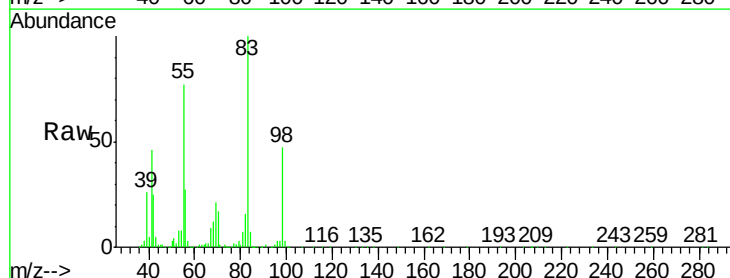
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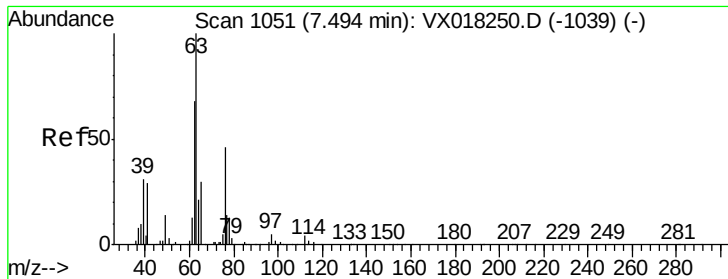
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#38
 Methylcyclohexane
 Concen: 18.926 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX018486.D
 Acq: 18 Sep 2020 12:43

Tgt Ion: 83 Resp: 121281
 Ion Ratio Lower Upper
 83 100
 55 79.3 41.1 123.4
 98 47.9 24.0 72.0





#39

1,2-Dichloropropane

Concen: 19.346 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

Tot Ion: 63 Resp: 88981

Ion Ratio Lower Upper

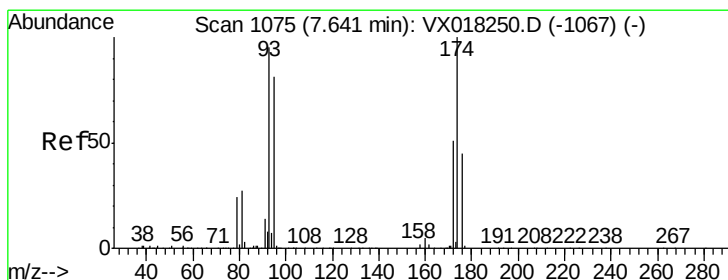
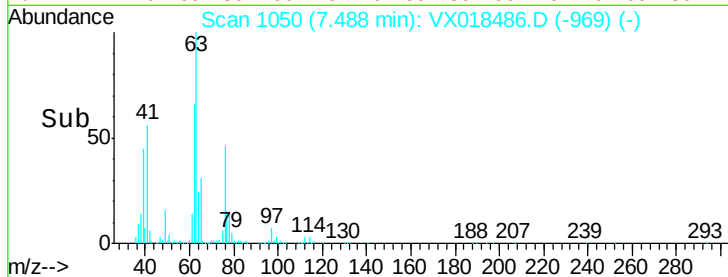
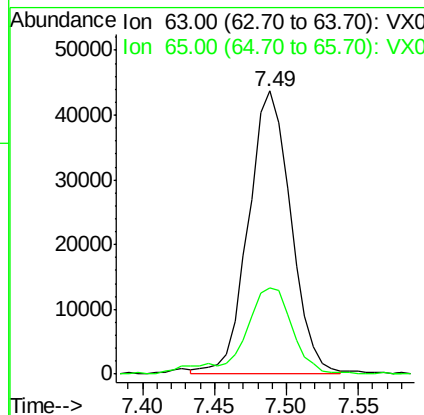
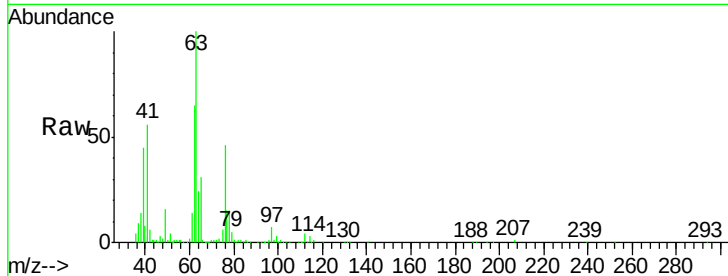
63 100

65 30.1 25.7 38.5

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#40

Dibromomethane

Concen: 19.772 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

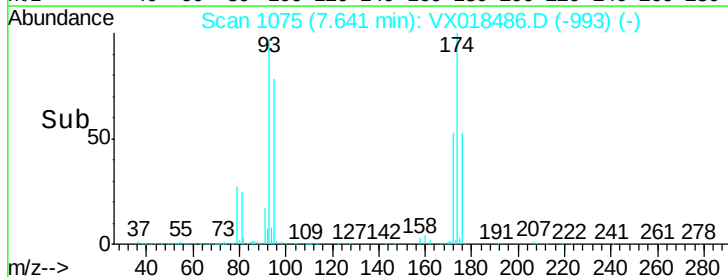
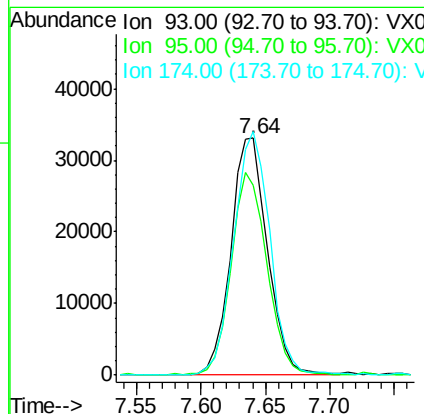
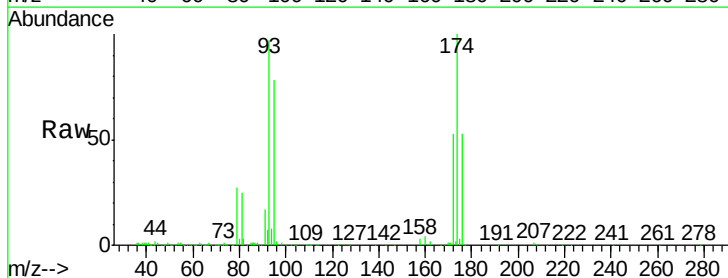
Tgt Ion: 93 Resp: 65673

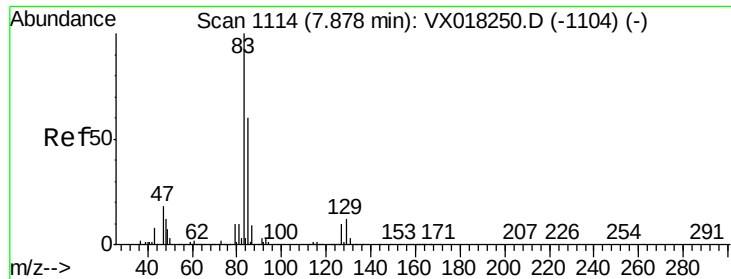
Ion Ratio Lower Upper

93 100

95 83.9 0.0 167.0

174 100.6 0.0 202.0





#41

Bromodichloromethane

Concen: 19.054 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

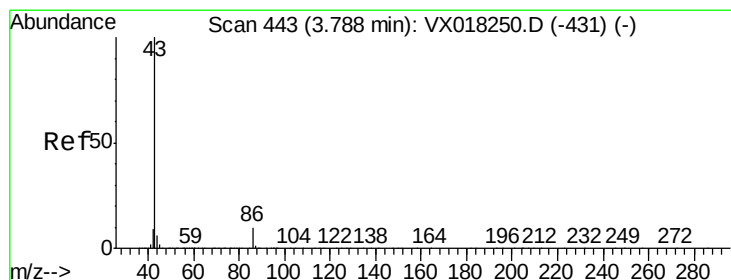
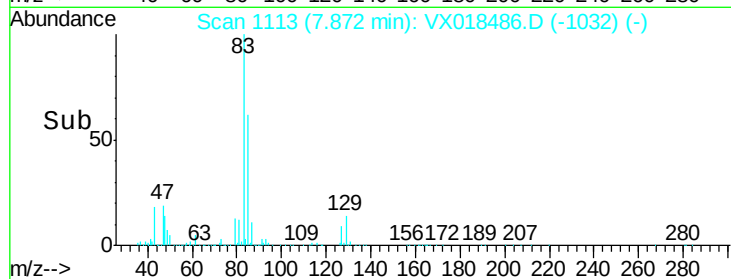
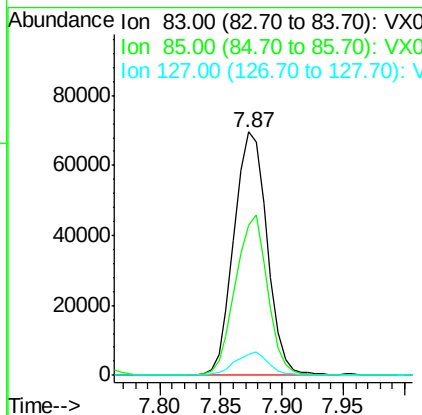
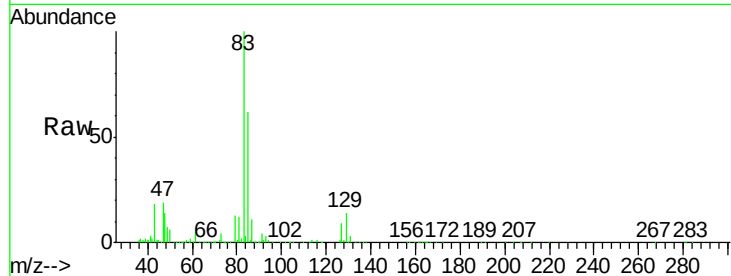
ClientSampleId :

VX0918WBSD01

Tot Ion:	83	Resp:	131167
Ion Ratio	Lower	Upper	
83	100		
85	62.1	48.2	72.2
127	8.8	8.0	12.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 98.135 ug/l

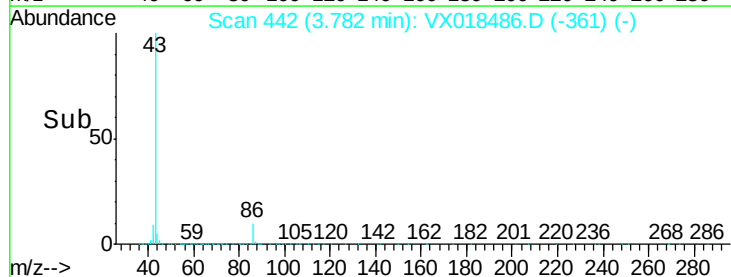
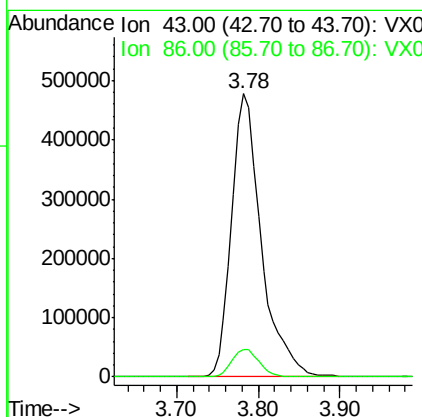
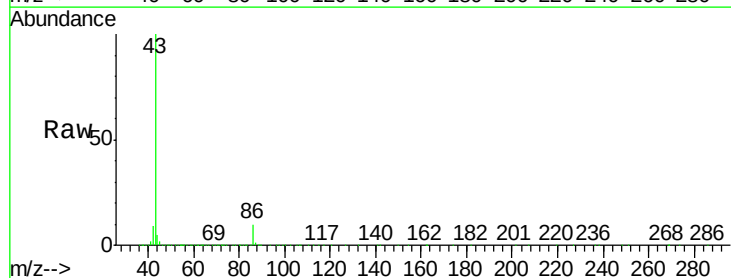
RT: 3.78 min Scan# 442

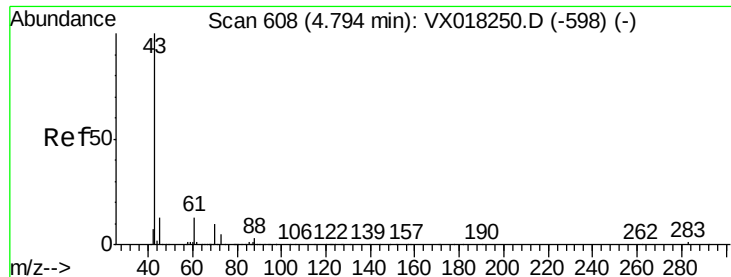
Delta R.T. -0.01 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Tgt Ion:	43	Resp:	1206060
Ion Ratio	Lower	Upper	
43	100		
86	9.0	7.2	10.8





#43

Ethyl Acetate

Concen: 18.804 ug/l

RT: 4.79 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

Tot Ion: 43 Resp: 123169

Ion Ratio Lower Upper

43 100

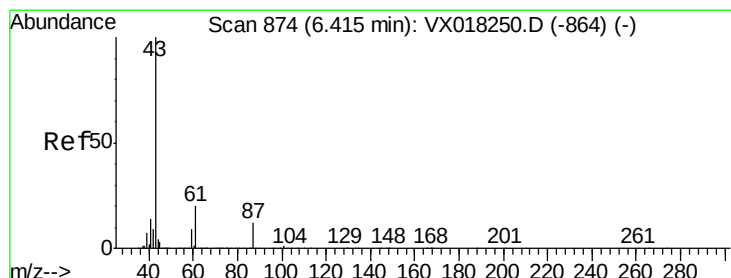
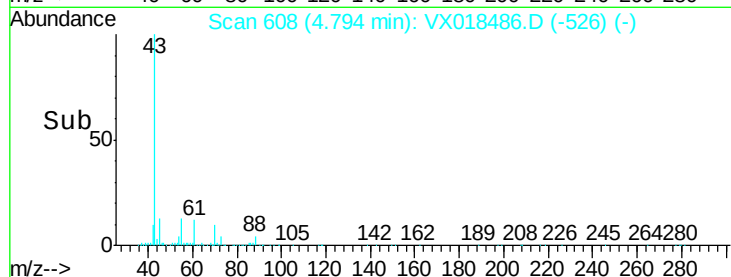
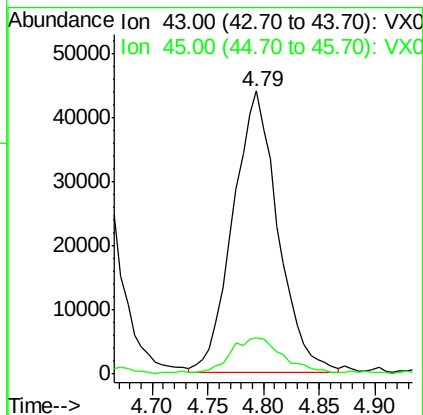
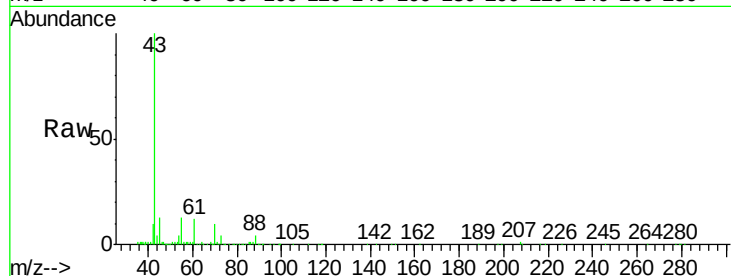
45 13.9 11.2 16.8

Manual Integrations

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9/21/2020 11:50:45 AM



#44

Isopropyl Acetate

Concen: 19.162 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018486.D

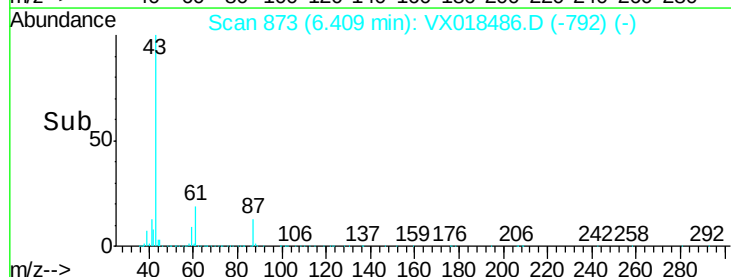
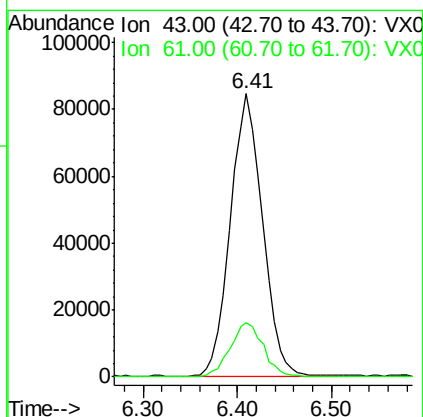
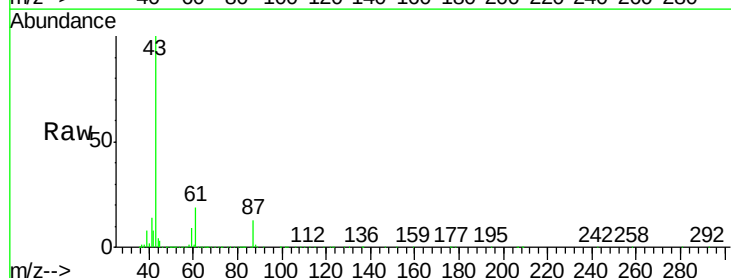
Acq: 18 Sep 2020 12:43

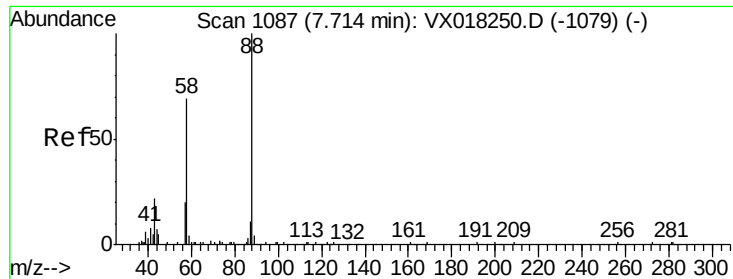
Tgt Ion: 43 Resp: 202275

Ion Ratio Lower Upper

43 100

61 19.7 14.6 22.0





#45

1,4-Dioxane

Concen: 359.665 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

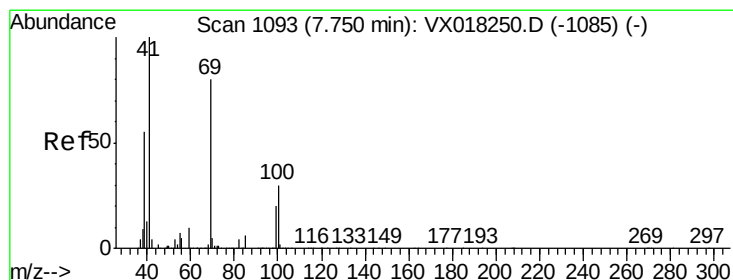
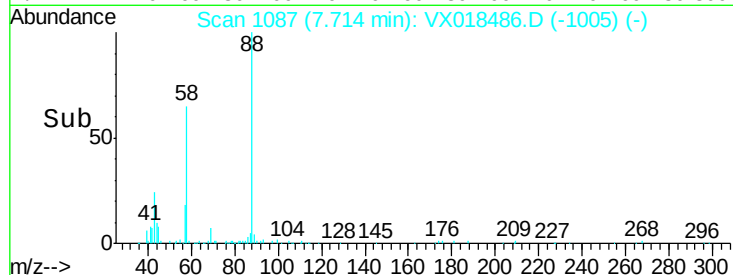
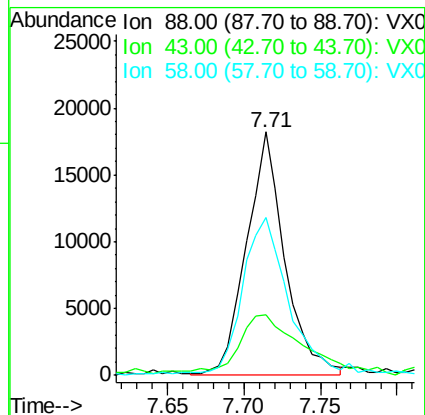
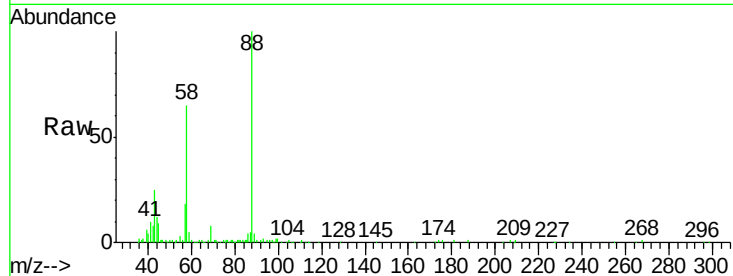
ClientSampleId :

VX0918WBSD01

Tot Ion:	88	Resp:	31718
Ion Ratio	Lower	Upper	
88	100		
43	35.3	13.6	20.4#
58	74.8	58.2	87.4

Manual Integrations
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9/21/2020 11:50:45 AM



#46

Methyl methacrylate

Concen: 19.002 ug/l

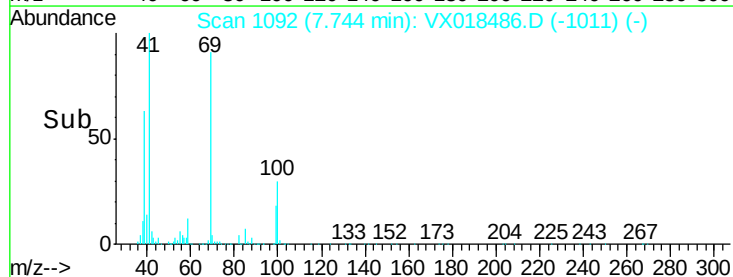
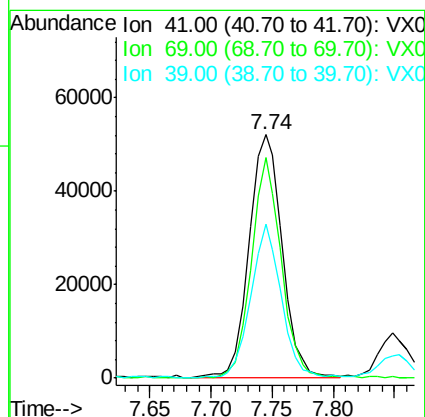
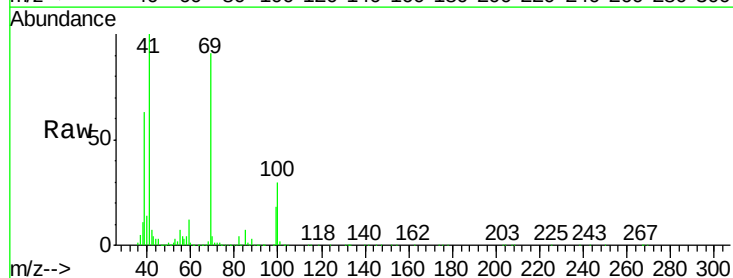
RT: 7.74 min Scan# 1092

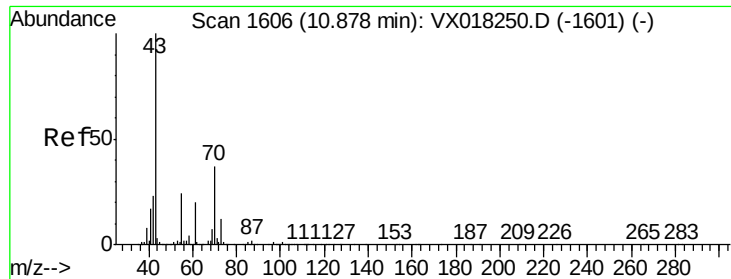
Delta R.T. -0.01 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Tgt Ion:	41	Resp:	98722
Ion Ratio	Lower	Upper	
41	100		
69	90.7	40.3	120.8
39	63.0	27.3	81.9





#47

n-amvl Acetate

Concen: 18.174 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

Tot Ion: 43 Resp: 168574

Ion Ratio Lower Upper

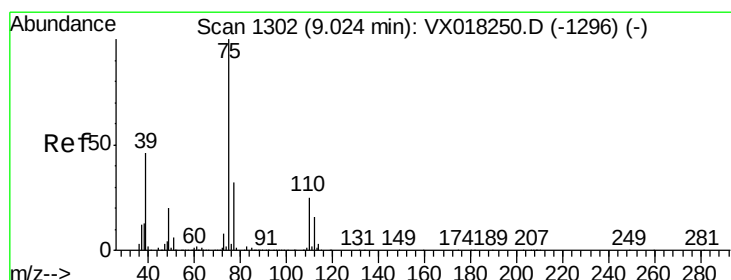
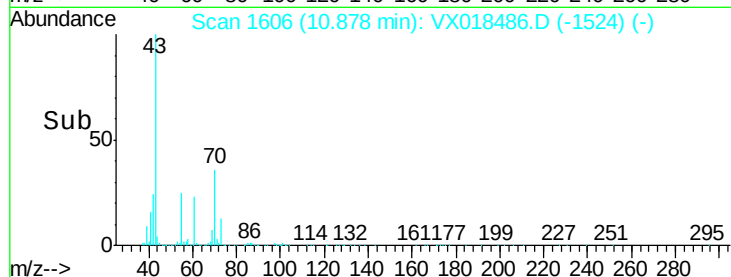
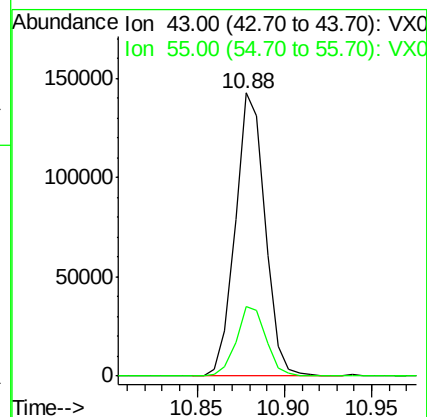
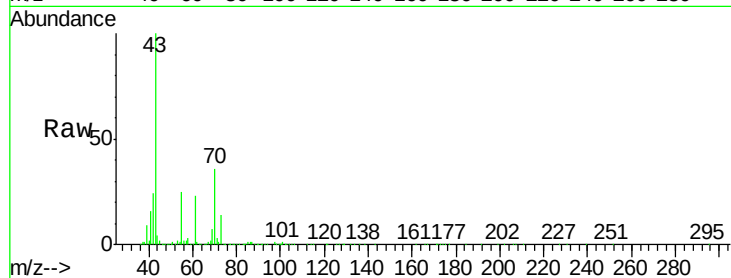
43 100

55 24.1 18.9 28.3

Manual Integrations
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MMDadoda

9/21/2020 11:50:45 AM



#48

t-1,3-Dichloropropene

Concen: 19.581 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX018486.D

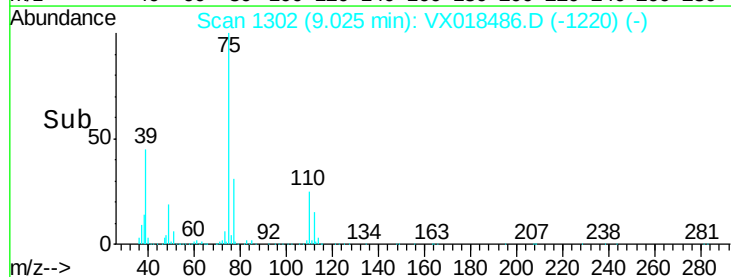
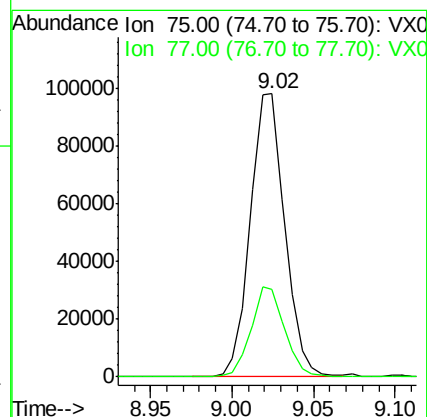
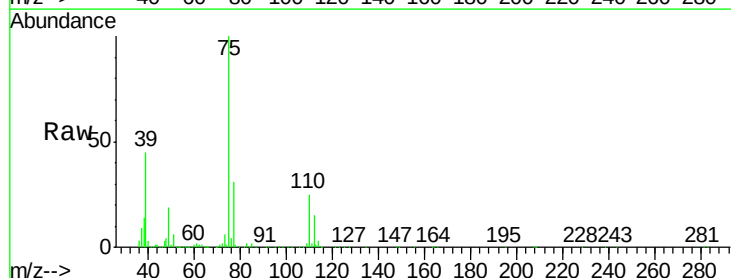
Acq: 18 Sep 2020 12:43

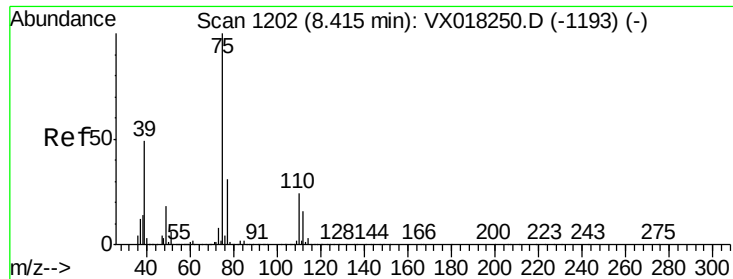
Tgt Ion: 75 Resp: 144796

Ion Ratio Lower Upper

75 100

77 31.1 25.4 38.2





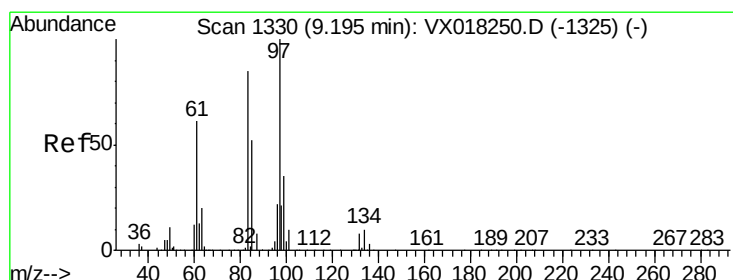
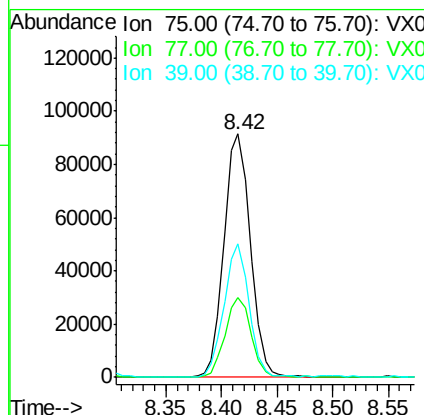
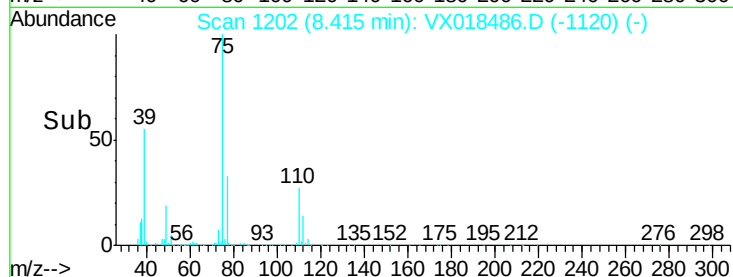
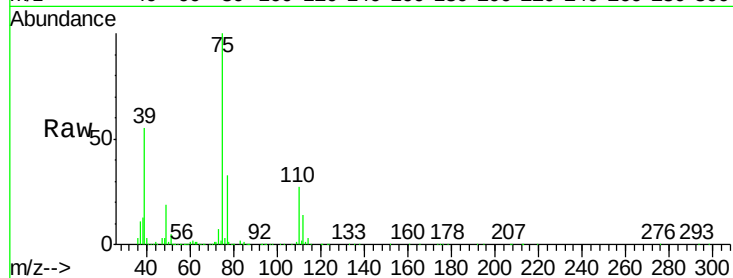
#49
 cis-1,3-Dichloropropene
 Concen: 19.426 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX018486.D
 Acq: 18 Sep 2020 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.6	24.7	37.1
39	54.4	39.6	59.4

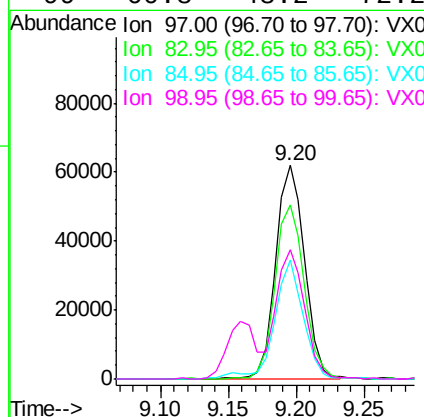
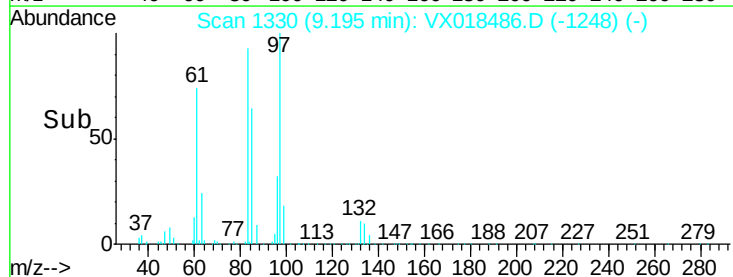
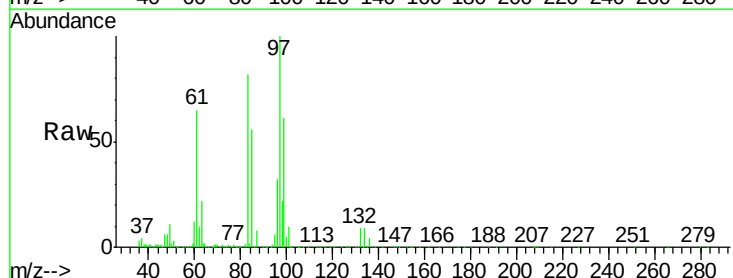
Manual Integrations
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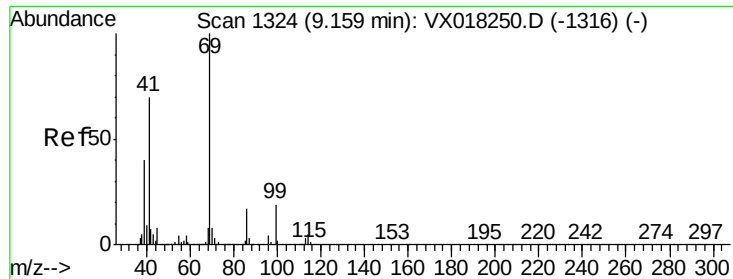
MMDadoda
 9/21/2020 11:50:45 AM



#50
 1,1,2-Trichloroethane
 Concen: 19.887 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX018486.D
 Acq: 18 Sep 2020 12:43

Tgt Ion	Ratio	Lower	Upper
97	100		
83	81.3	68.1	102.1
85	55.9	42.6	64.0
99	60.8	48.2	72.2





#51

Ethyl methacrylate

Concen: 19.101 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

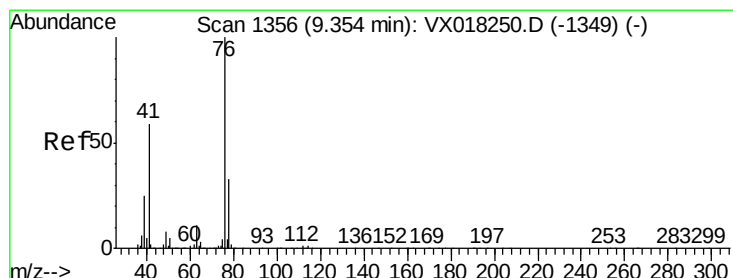
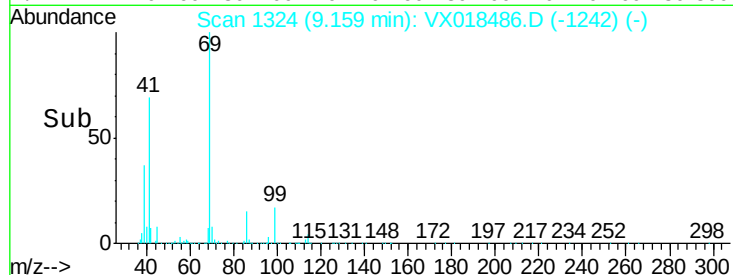
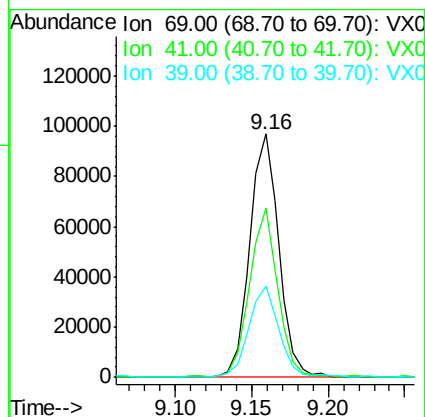
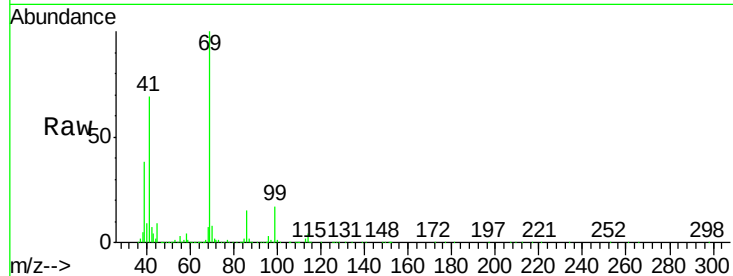
ClientSampleId :

VX0918WBSD01

Tot Ion:	69	Resp:	128065
Ion Ratio	Lower	Upper	
69	100		
41	68.9	34.9	104.7
39	37.6	19.8	59.3

Manual Integrations
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9/21/2020 11:50:45 AM



#52

1,3-Dichloropropane

Concen: 19.336 ug/l

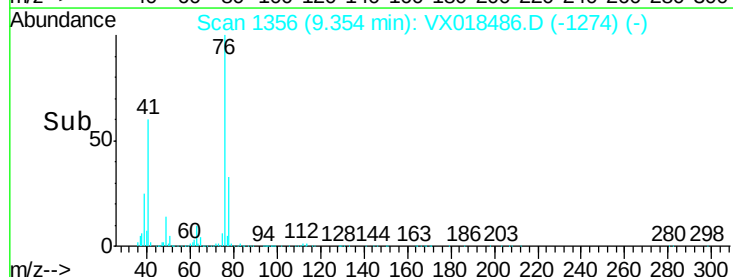
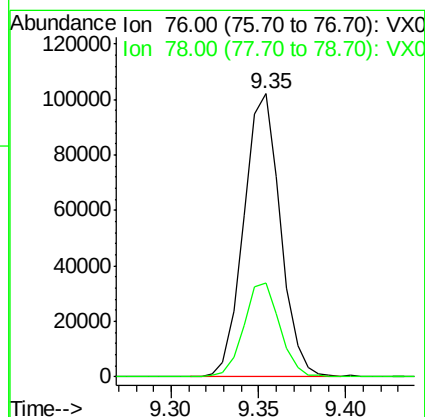
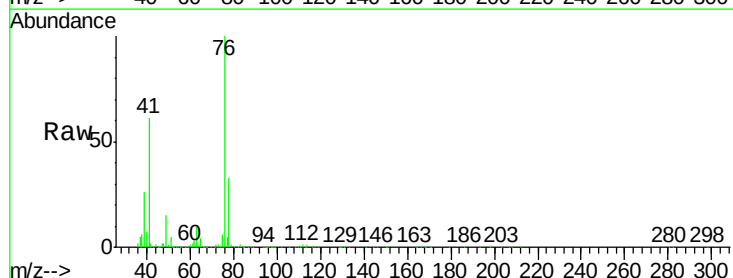
RT: 9.35 min Scan# 1356

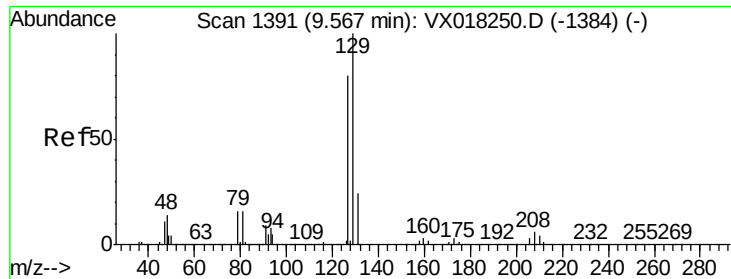
Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Tgt Ion:	76	Resp:	148539
Ion Ratio	Lower	Upper	
76	100		
78	32.3	0.0	62.2





#53

Dibromochloromethane

Concen: 18.896 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

Tot Ion:129 Resp: 108744

Ion Ratio Lower Upper

129 100

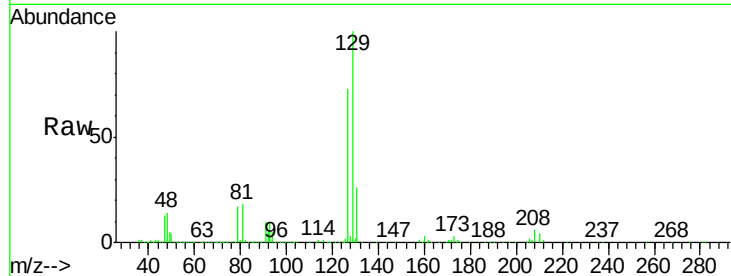
127 76.6 38.9 116.6

Manual Integrations

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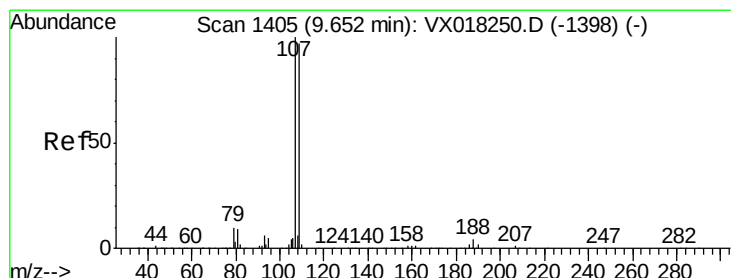
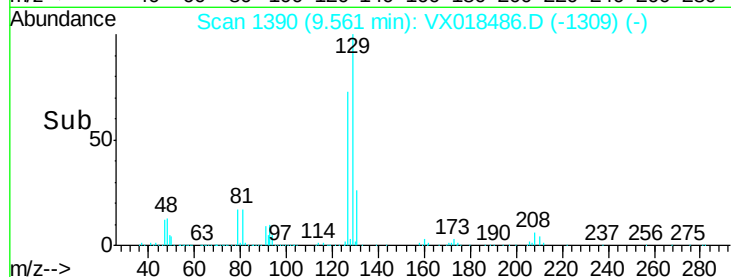
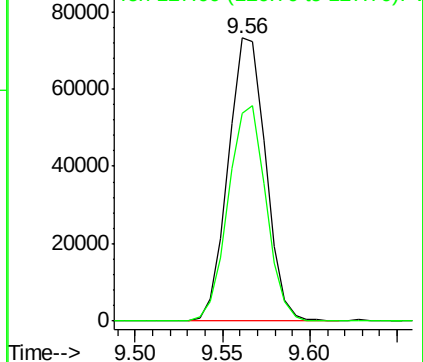
MMDadoda

9/21/2020 11:50:45 AM



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 19.073 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX018486.D

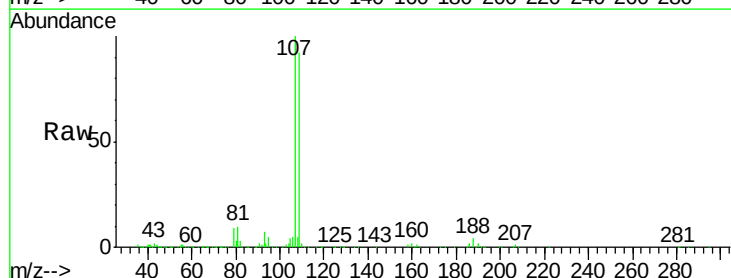
Acq: 18 Sep 2020 12:43

Tgt Ion:107 Resp: 96839

Ion Ratio Lower Upper

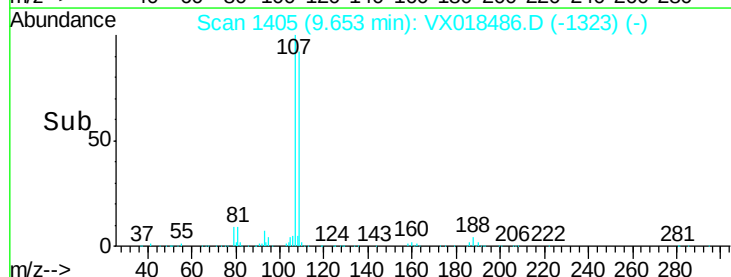
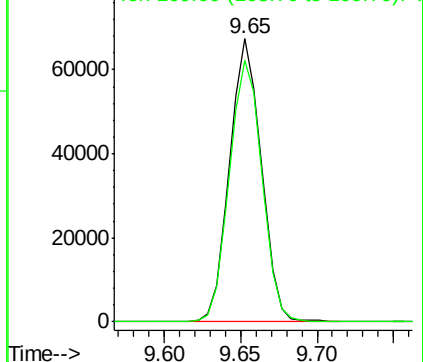
107 100

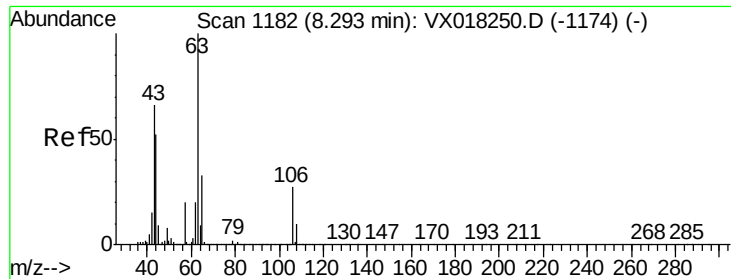
109 94.6 77.8 116.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 93.395 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

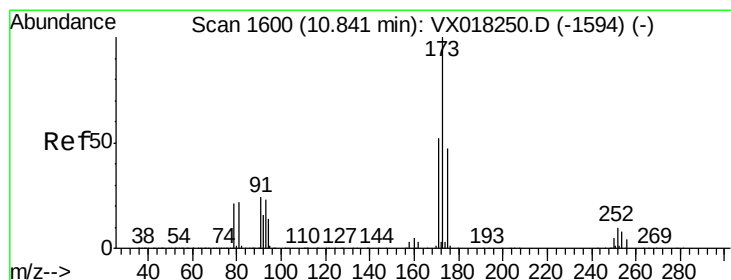
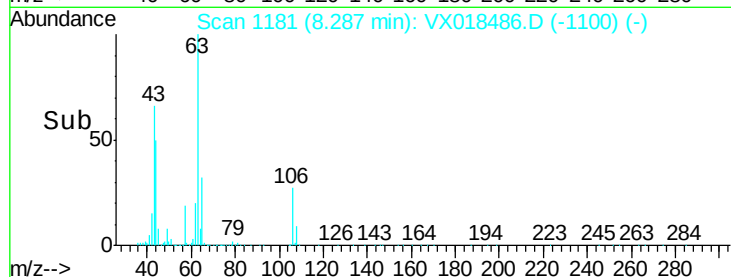
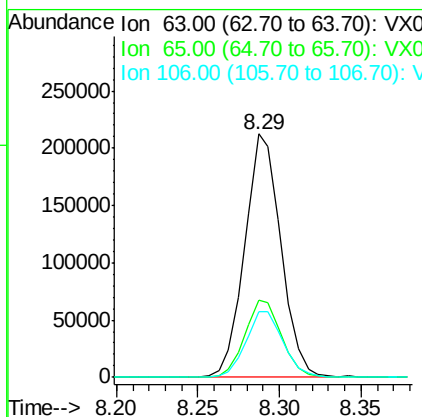
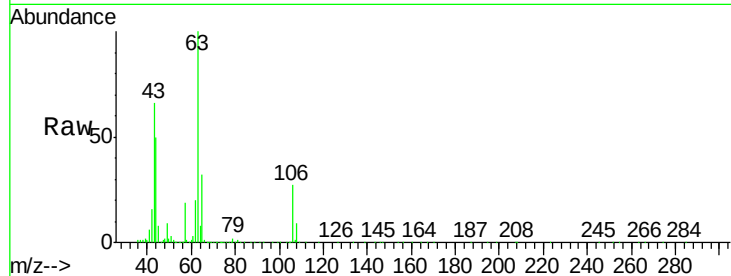
ClientSampleId :

VX0918WBSD01

Tot Ion:	63	Resp:	326989
Ion Ratio	Lower	Upper	
63	100		
65	32.1	26.0	39.0
106	28.0	22.3	33.5

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#56

Bromoform

Concen: 18.538 ug/l

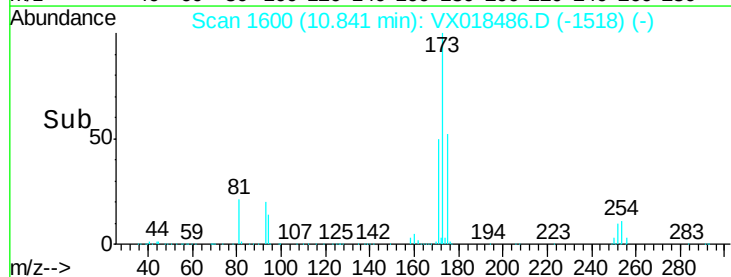
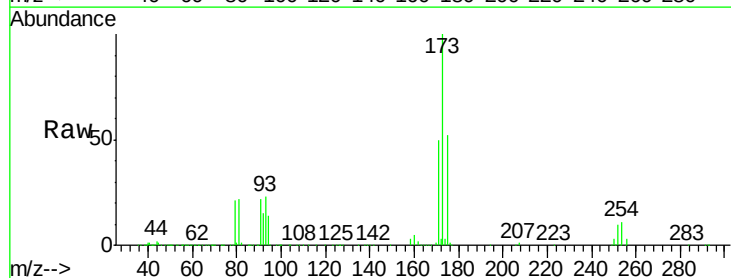
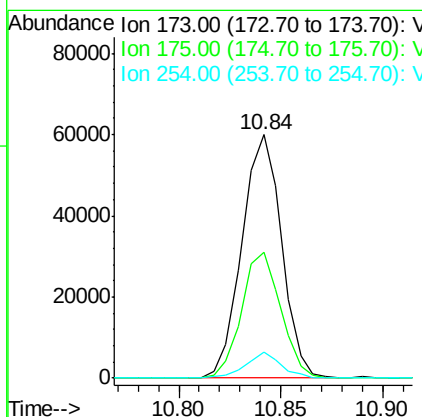
RT: 10.84 min Scan# 1600

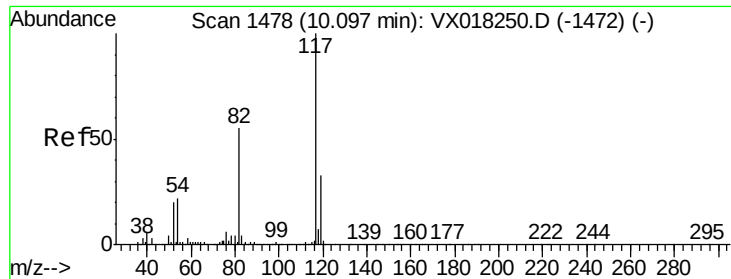
Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Tgt Ion:	173	Resp:	81058
Ion Ratio	Lower	Upper	
173	100		
175	51.2	40.2	60.2
254	9.4	7.3	10.9





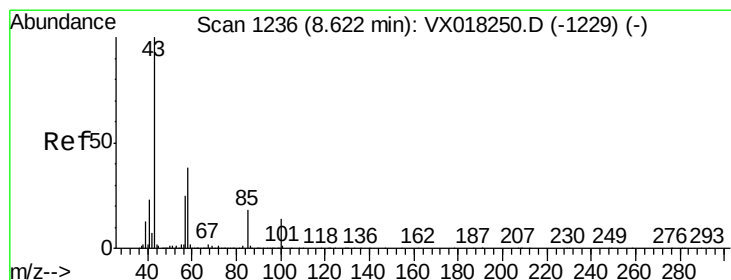
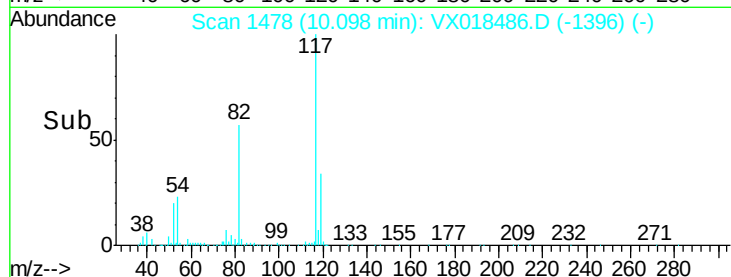
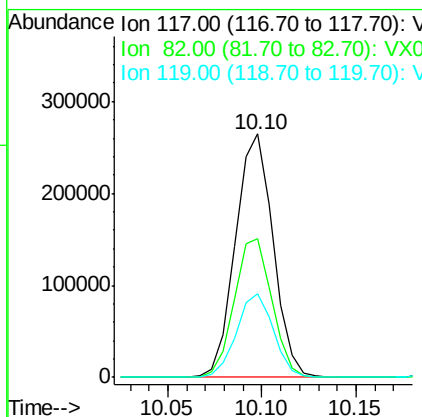
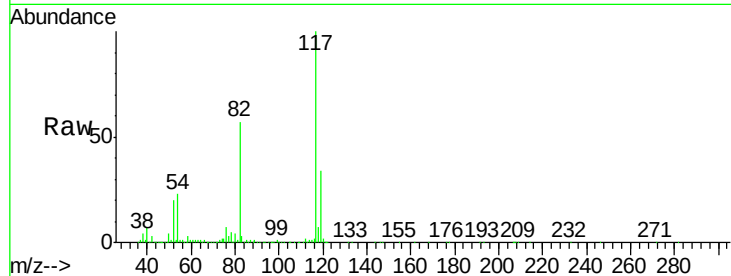
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

Instrument :
MSVOA_X
ClientSampled :
VX0918WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	366142		
82	56.4	44.2	66.4	
119	33.4	26.1	39.1	

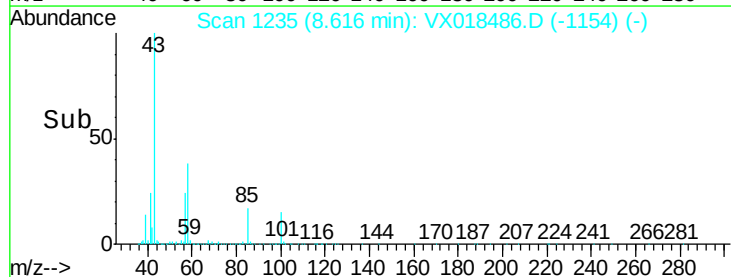
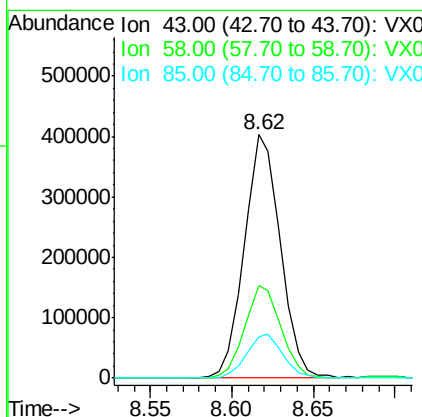
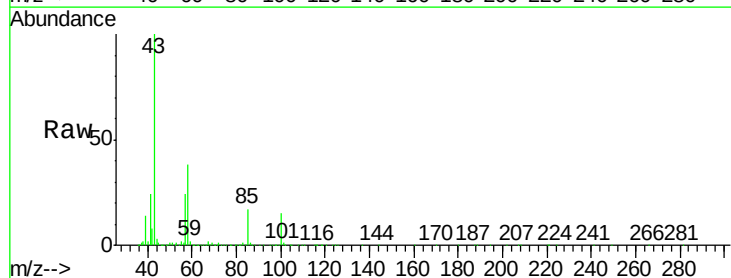
Manual Integrations
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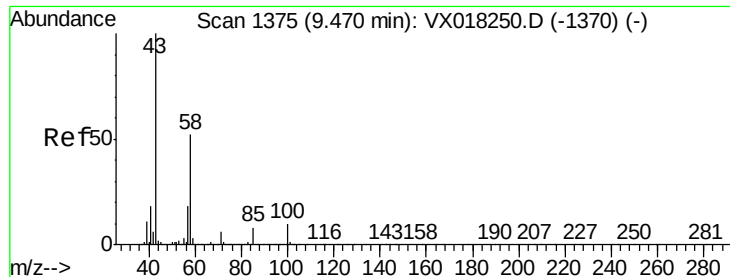
MMDadoda
9/21/2020 11:50:45 AM



#58
4-Methyl-2-Pentanone
Concen: 98.433 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	619888		
58	38.3	30.0	45.0	
85	18.2	14.2	21.4	





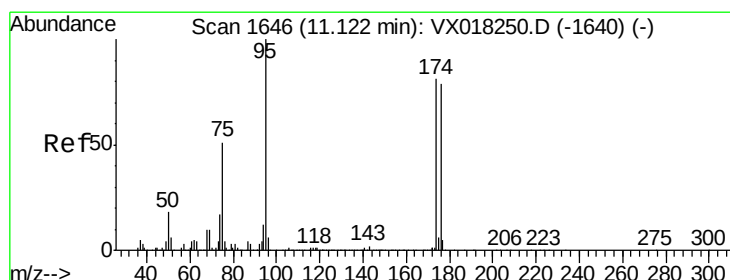
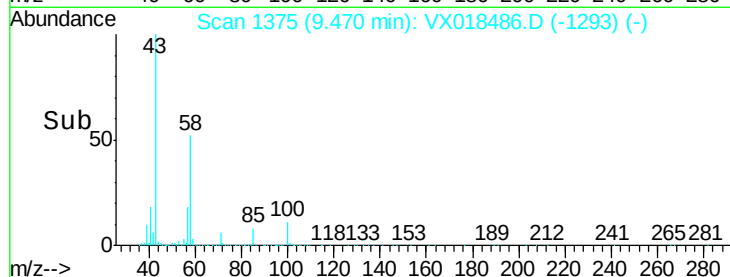
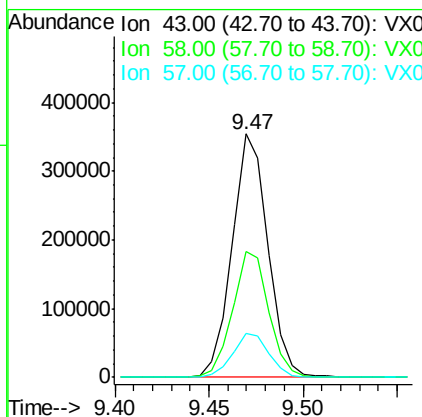
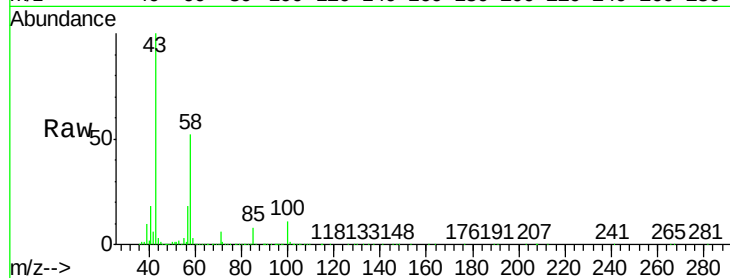
#59
2-Hexanone
Concen: 97.482 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	52.4	42.5	63.7
57	18.4	14.8	22.2

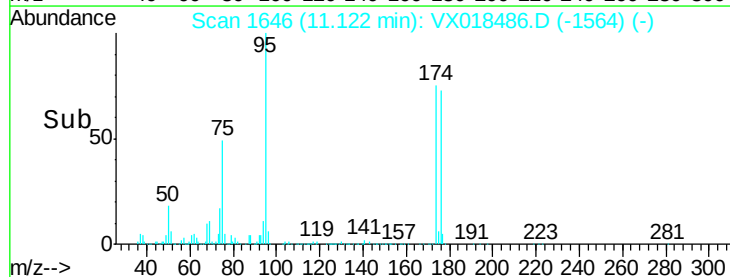
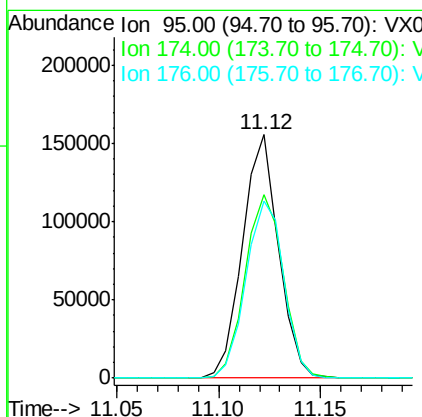
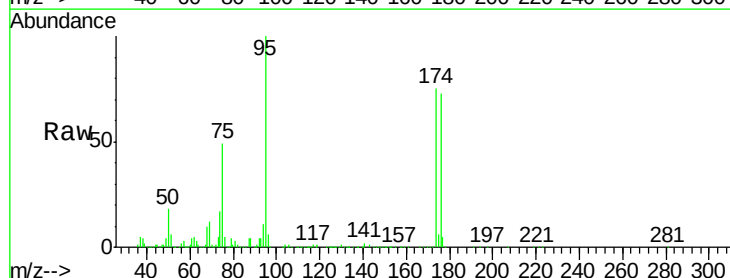
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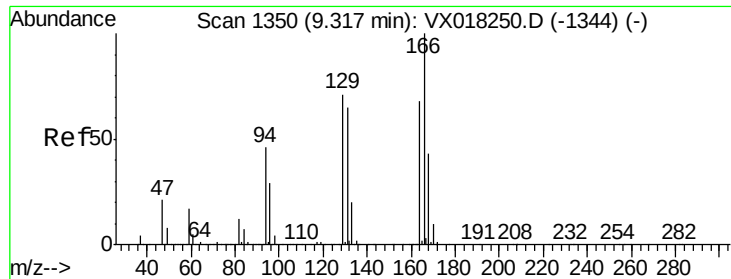
MMDadoda
9/21/2020 11:50:45 AM



#60
4-Bromofluorobenzene
Concen: 30.036 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.2	64.2	96.4
176	76.6	62.2	93.4





#61

Tetrachloroethene

Concen: 20.350 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

Tot Ion:164 Resp: 92925

Ion Ratio Lower Upper

164 100

166 129.4 117.4 176.0

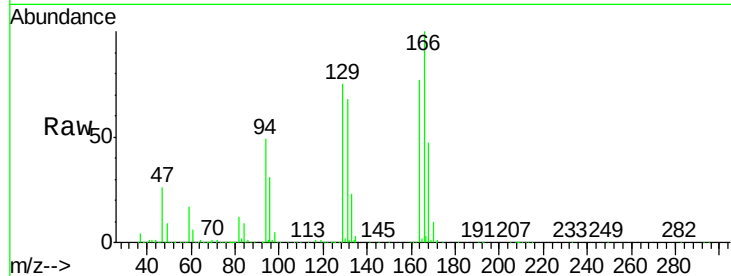
129 96.6 82.7 124.1

131 87.2 76.7 115.1

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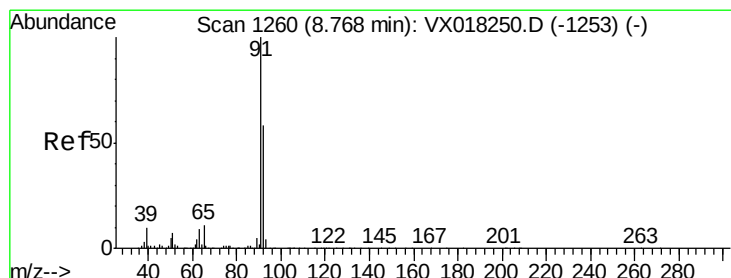
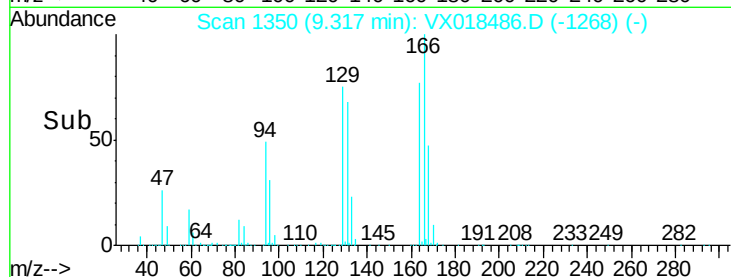
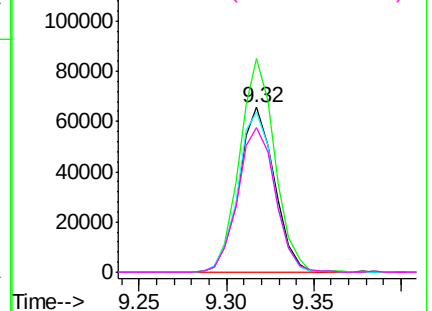


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.704 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018486.D

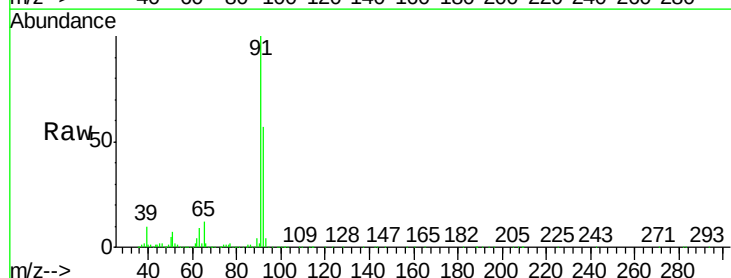
Acq: 18 Sep 2020 12:43

Tgt Ion: 91 Resp: 363072

Ion Ratio Lower Upper

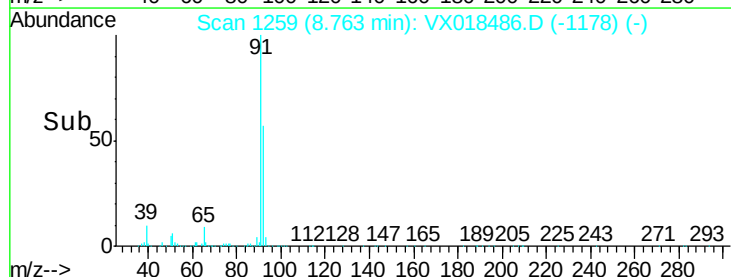
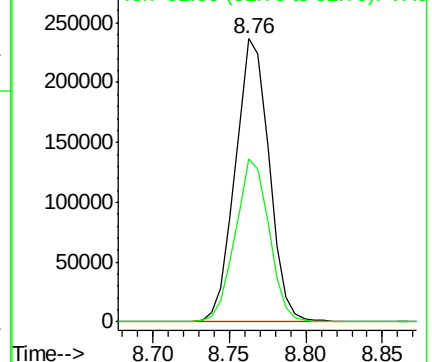
91 100

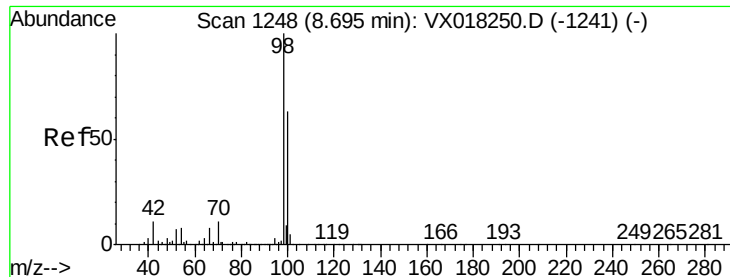
92 57.3 46.9 70.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.486 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0918WBSD01

Tot Ion: 98 Resp: 491983

Ion Ratio Lower Upper

98 100

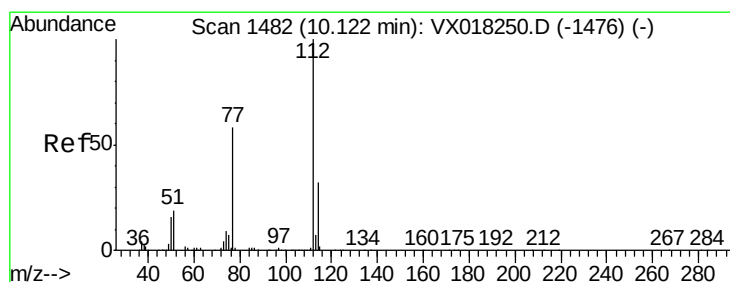
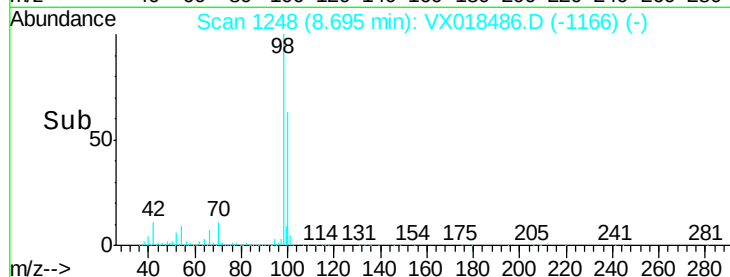
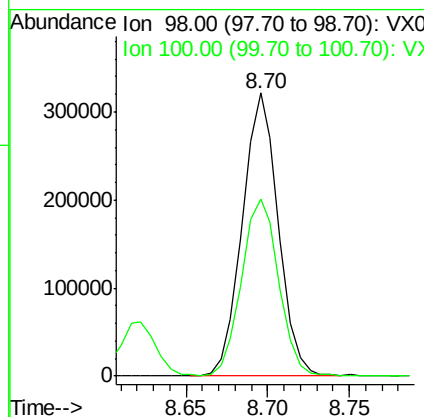
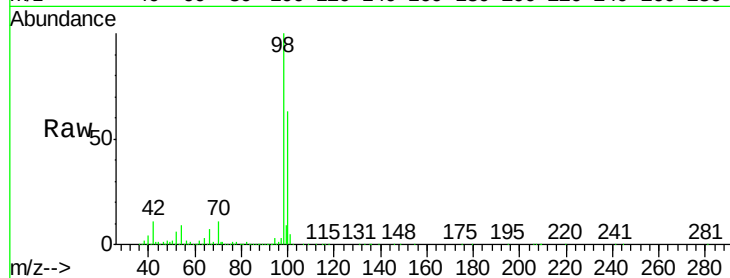
100 64.2 51.4 77.0

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#64

Chlorobenzene

Concen: 19.577 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX018486.D

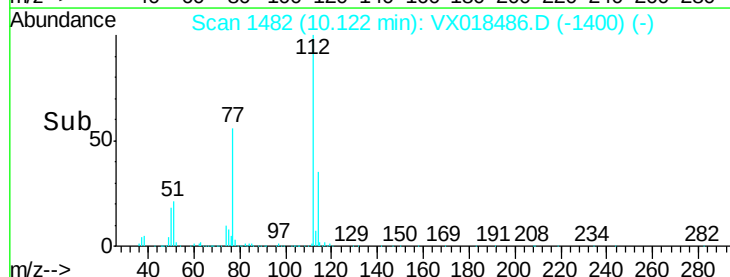
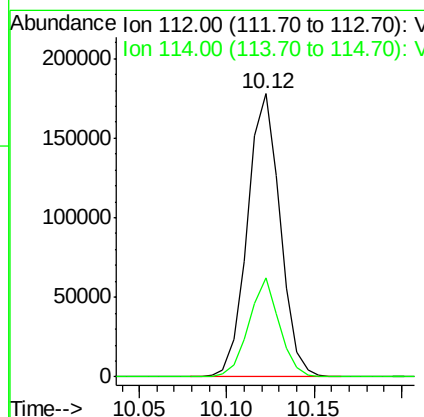
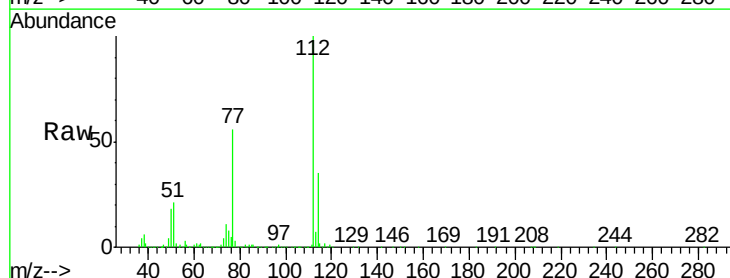
Acq: 18 Sep 2020 12:43

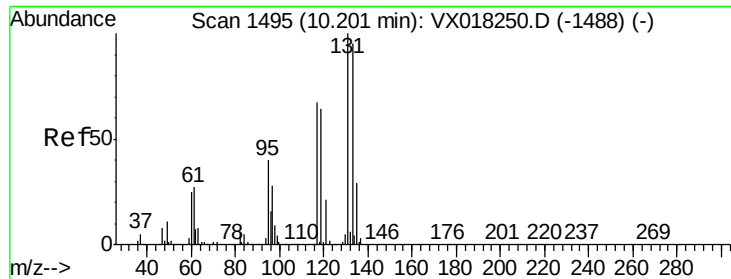
Tgt Ion: 112 Resp: 231816

Ion Ratio Lower Upper

112 100

114 35.0 25.8 38.8





#65

1,1,1,2-Tetrachloroethane

Concen: 20.086 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

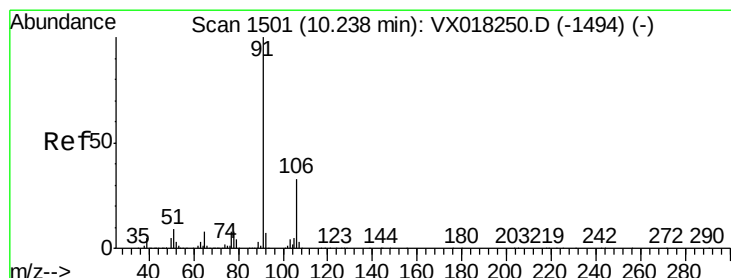
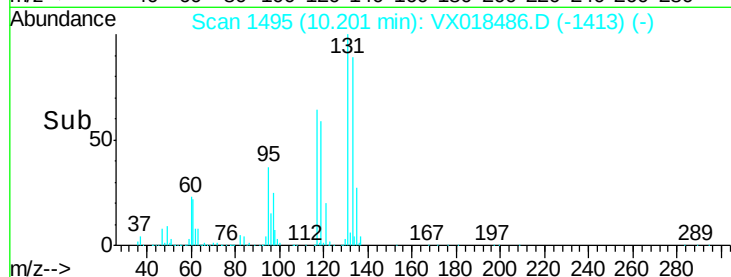
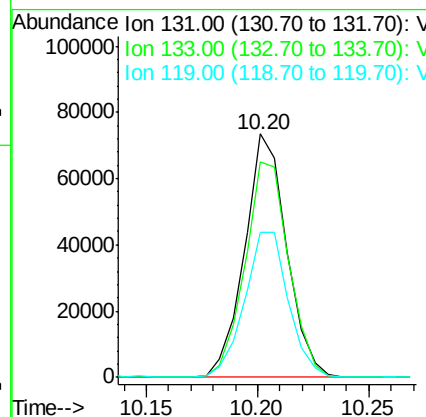
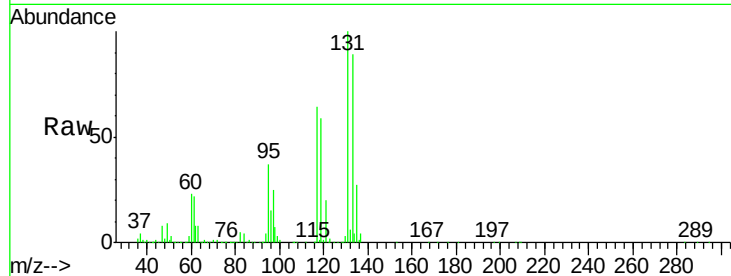
ClientSampleId :

VX0918WBSD01

Tot Ion:	131	Resp:	96326
Ion	Ratio	Lower	Upper
131	100		
133	92.9	0.0	197.2
119	62.7	0.0	129.8

Manual Integrations
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#66

Ethyl Benzene

Concen: 19.615 ug/l

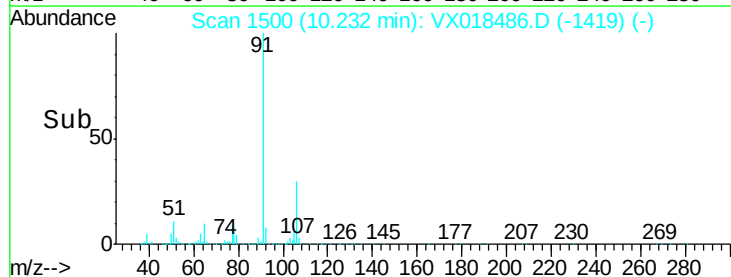
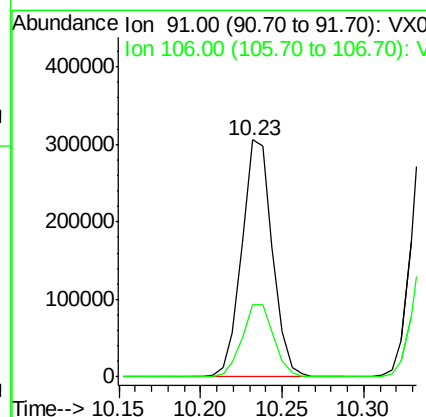
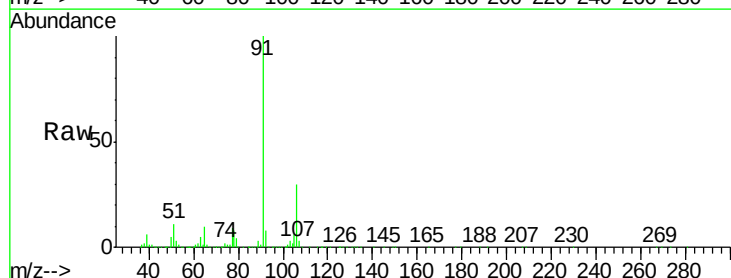
RT: 10.23 min Scan# 1500

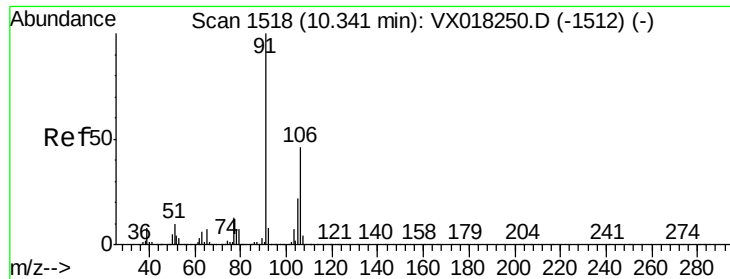
Delta R.T. -0.01 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Tgt Ion:	91	Resp:	399379
Ion	Ratio	Lower	Upper
91	100		
106	30.2	26.3	39.5





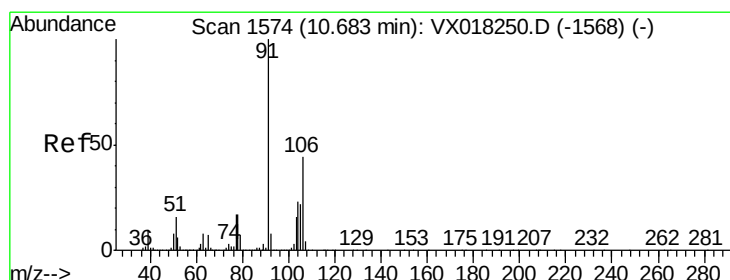
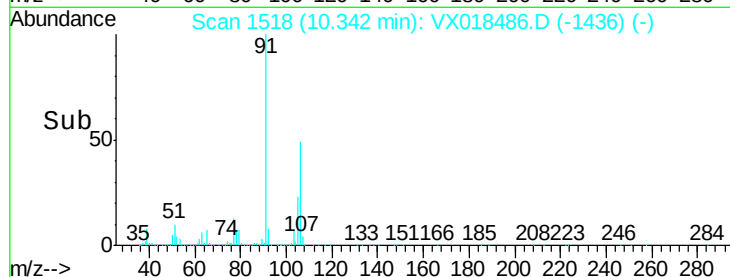
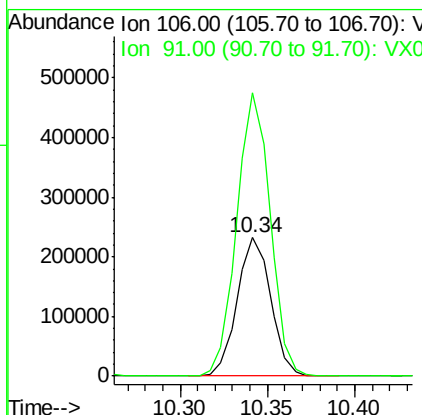
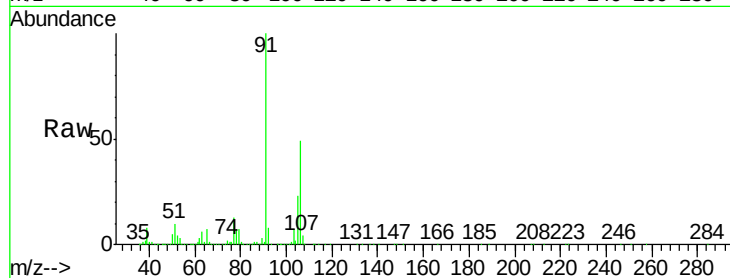
#67
m/p-Xylenes
Concen: 39.868 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

Instrument :
MSVOA_X
ClientSampled :
VX0918WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
310431	106	100		
	91	203.3	166.2	249.2

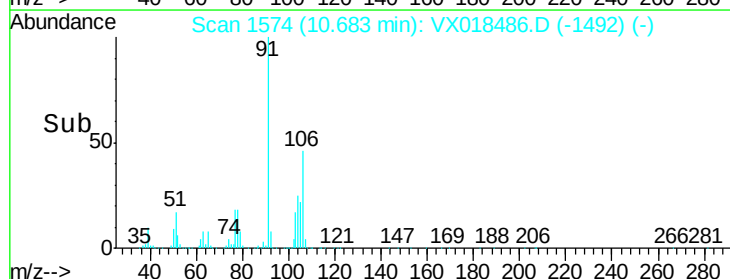
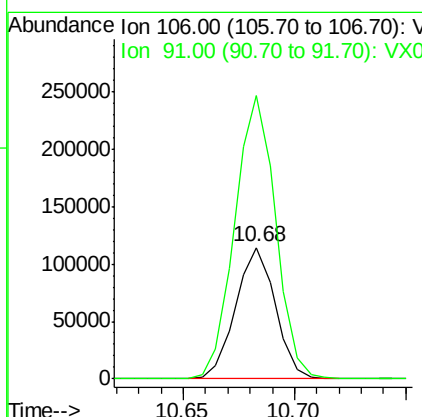
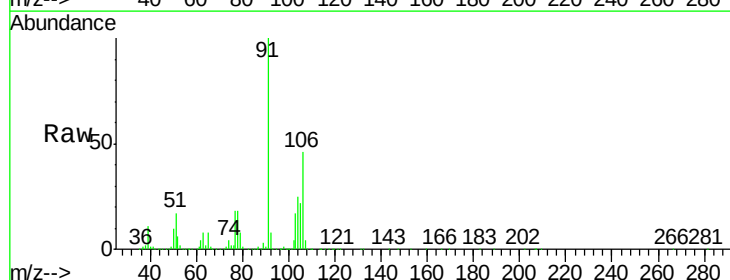
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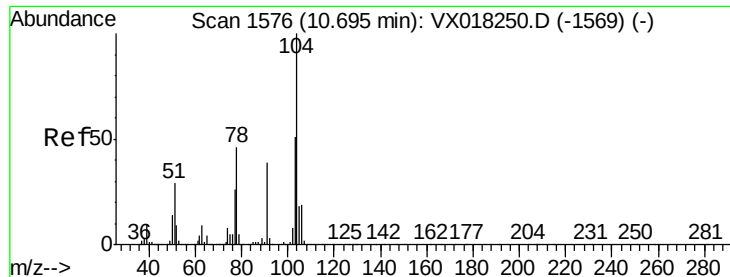
MMDadoda
9/21/2020 11:50:45 AM



#68
o-Xylene
Concen: 19.436 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

Tgt Ion	Ion	Ratio	Lower	Upper
142996	106	100		
	91	219.6	109.2	327.6





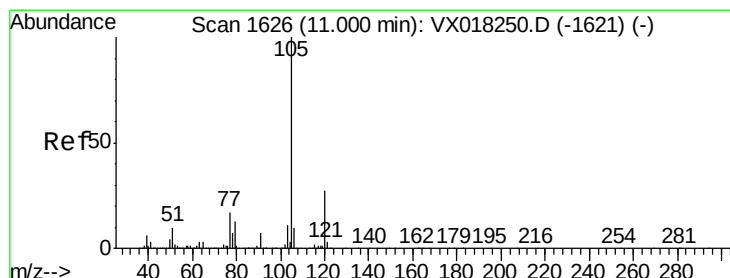
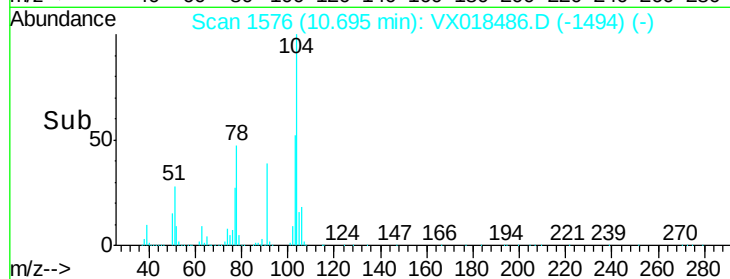
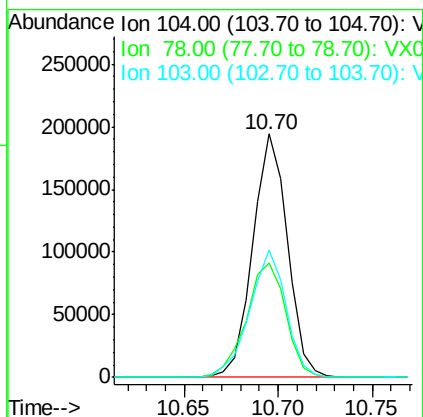
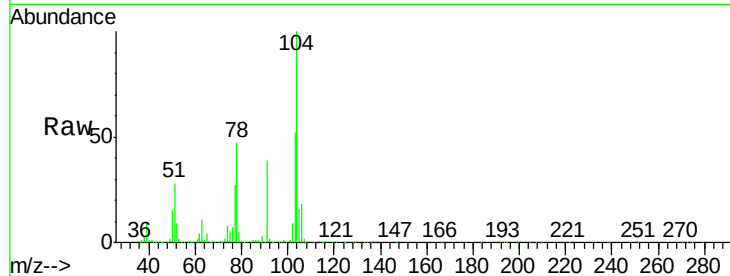
#69
Stvrene
Concen: 19.321 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
104	100	248010		
78	53.7		41.7	62.5
103	55.0		44.2	66.2

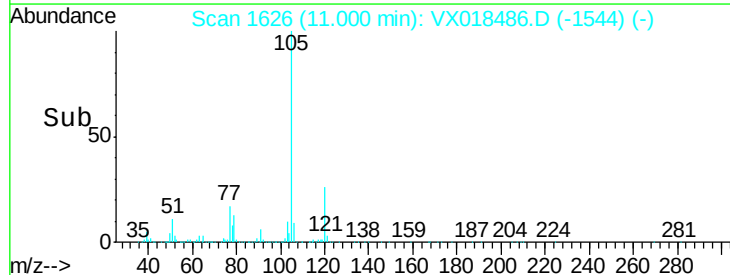
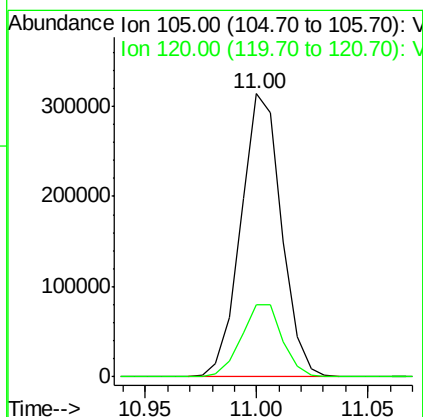
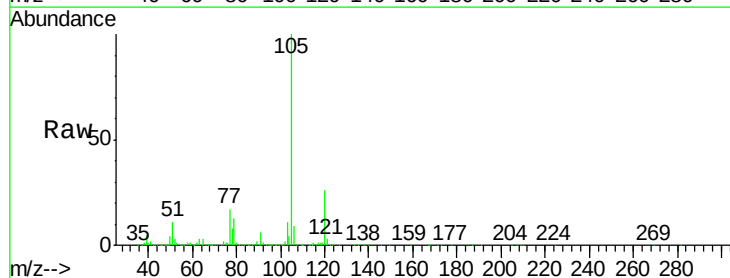
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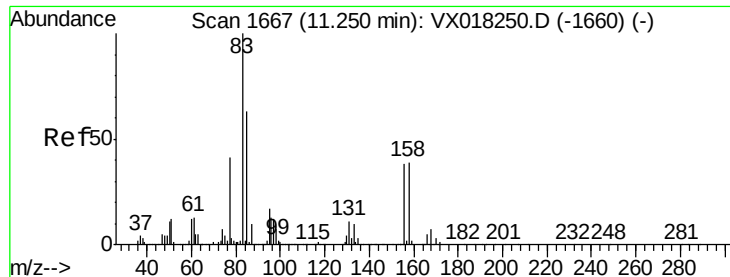
MMDadoda
9/21/2020 11:50:45 AM



#70
Isopropylbenzene
Concen: 19.518 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	399338		
120	26.0		18.7	34.7





#71

1,1,2,2-Tetrachloroethane

Concen: 19.710 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

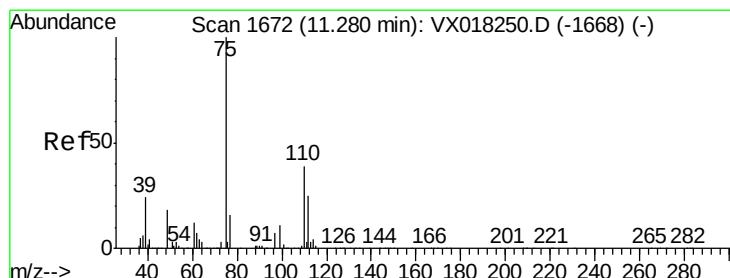
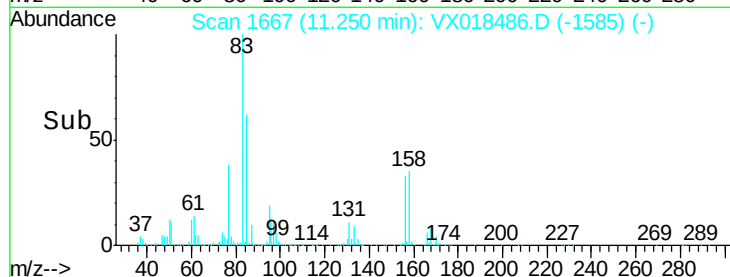
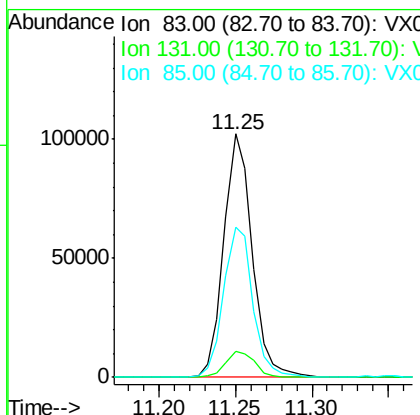
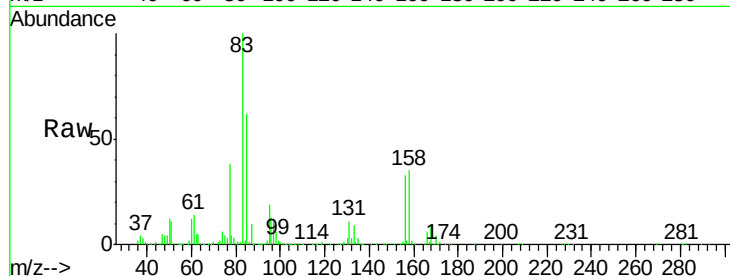
ClientSampled :

VX0918WBSD01

Tot Ion:	83	Resp:	131782
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.8	17.3
85	64.0	31.3	93.9

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#72

1,2,3-Trichloropropane

Concen: 20.349 ug/l m

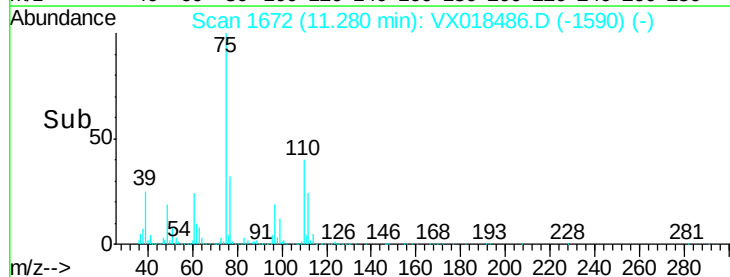
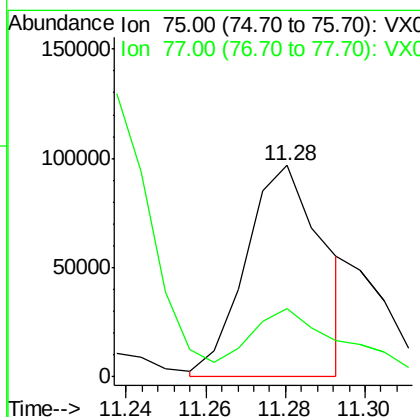
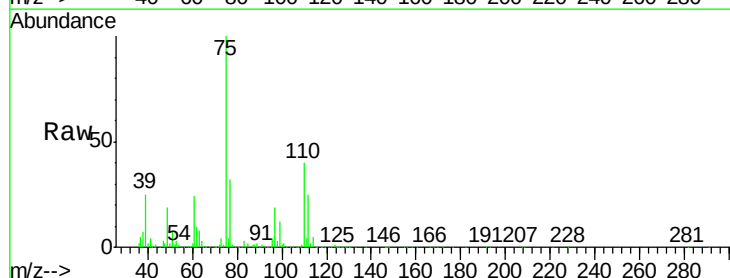
RT: 11.28 min Scan# 1672

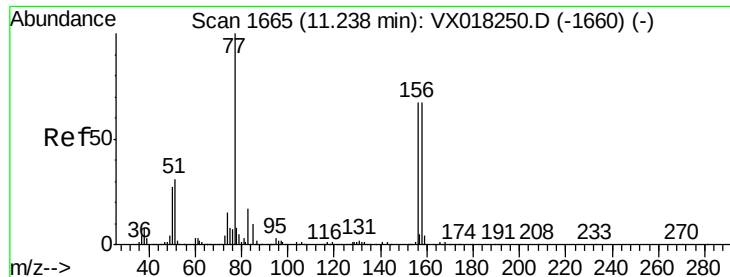
Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Tgt Ion:	75	Resp:	130719
Ion Ratio	Lower	Upper	
75	100		
77	39.5	0.0	74.8





#73

Bromobenzene

Concen: 18.788 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

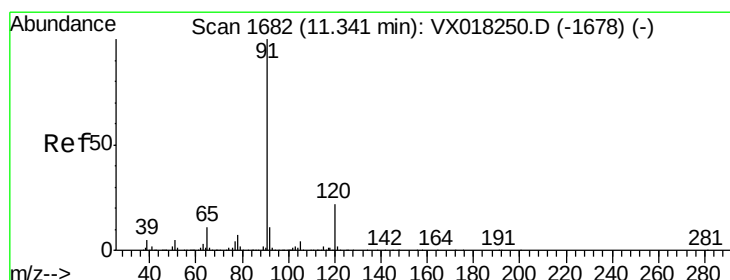
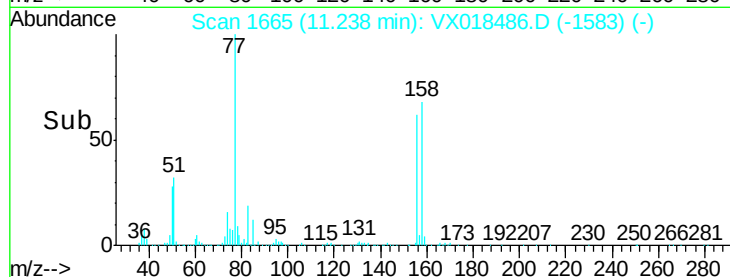
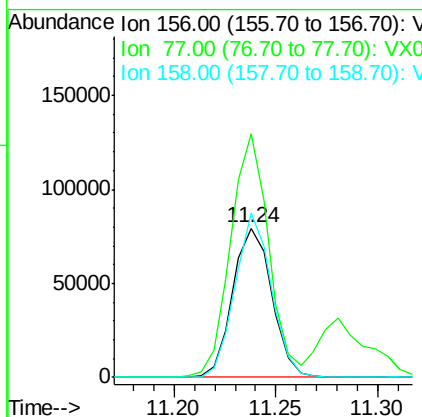
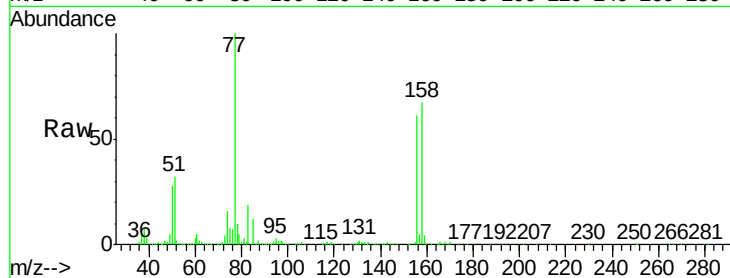
ClientSampleId :

VX0918WBSD01

Tot Ion:	156	Resp:	105310
Ion Ratio	Lower	Upper	
156	100		
77	158.5	0.0	311.0
158	102.0	0.0	194.4

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#74

n-propylbenzene

Concen: 19.054 ug/l

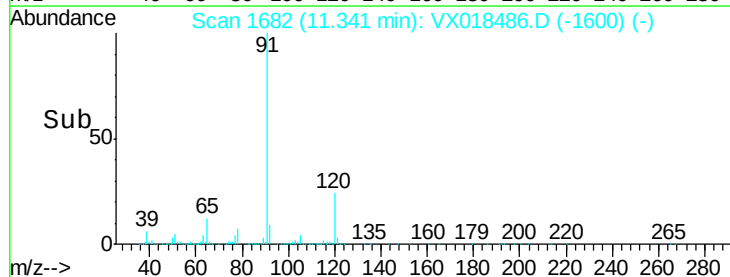
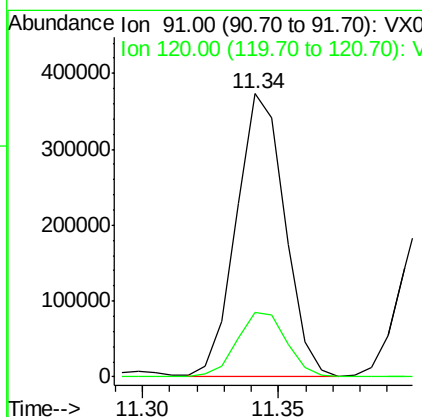
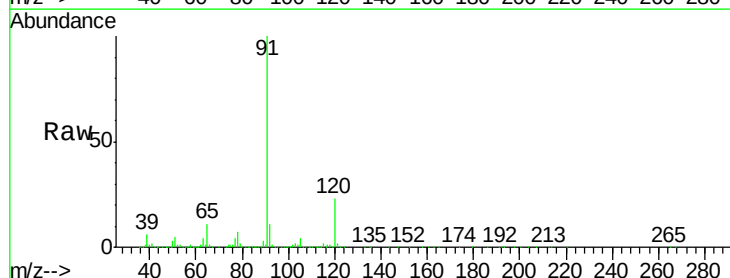
RT: 11.34 min Scan# 1682

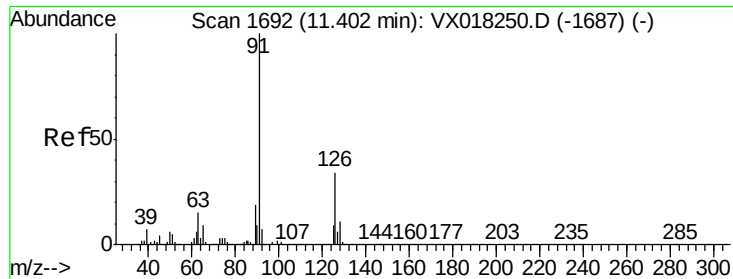
Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Tgt Ion:	91	Resp:	459049
Ion Ratio	Lower	Upper	
91	100		
120	23.5	0.0	45.4





#75

2-Chlorotoluene

Concen: 19.359 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

ClientSampled :

VX0918WBSD01

Tot Ion: 91 Resp: 282671

Ion Ratio Lower Upper

91 100

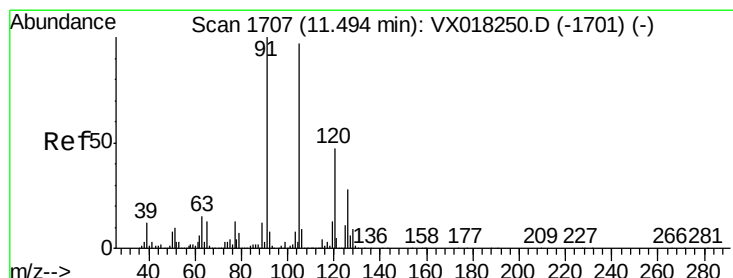
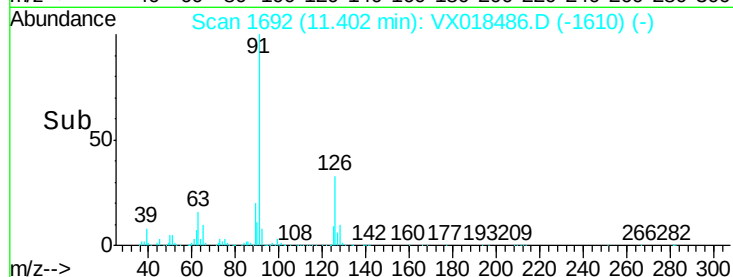
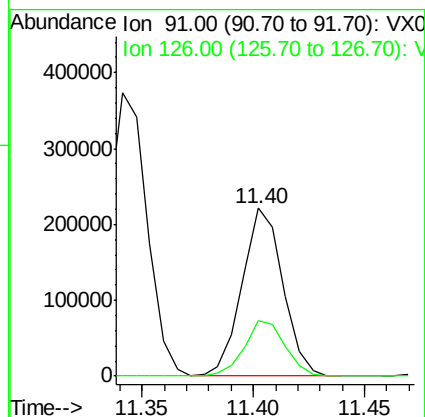
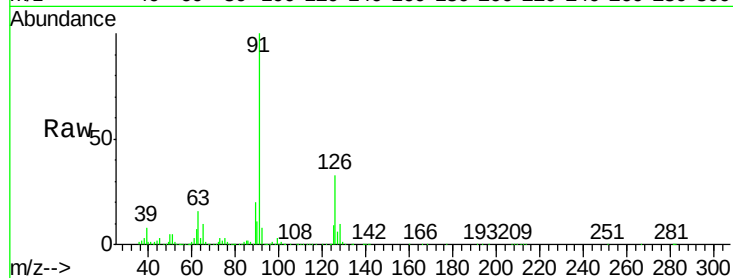
126 33.3 0.0 68.4

Manual Integrations

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9/21/2020 11:50:45 AM



#76

1,3,5-Trimethylbenzene

Concen: 19.122 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX018486.D

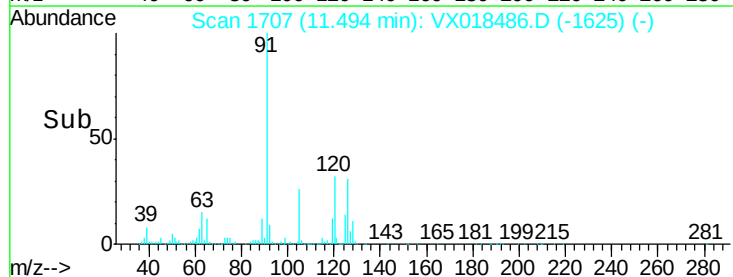
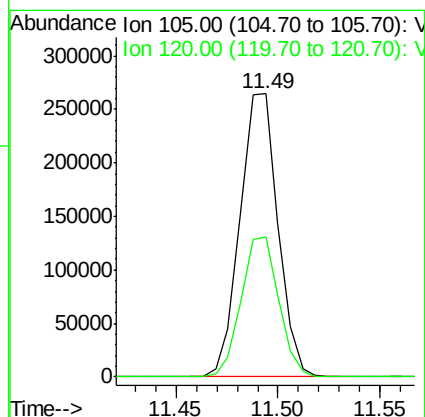
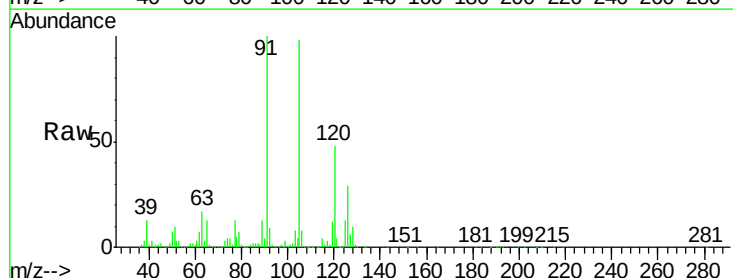
Acq: 18 Sep 2020 12:43

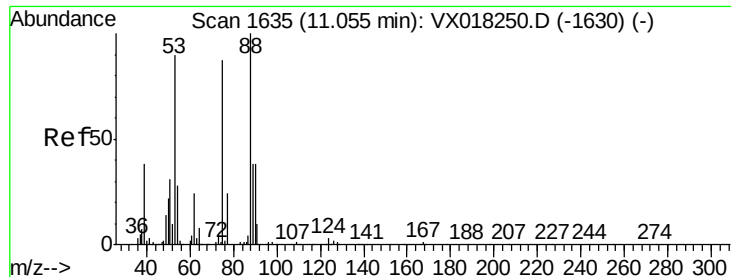
Tgt Ion: 105 Resp: 340848

Ion Ratio Lower Upper

105 100

120 49.0 0.0 95.0





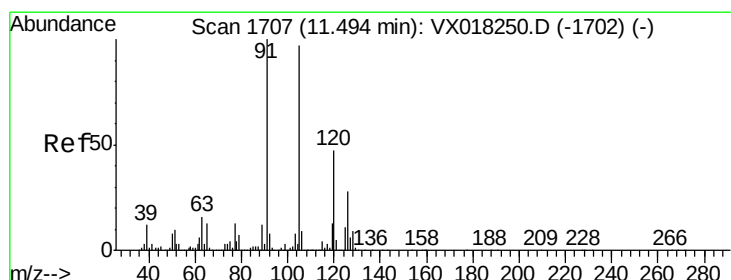
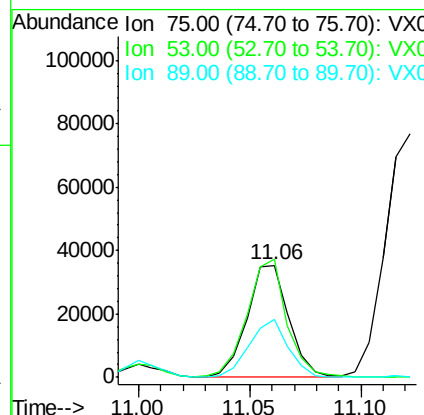
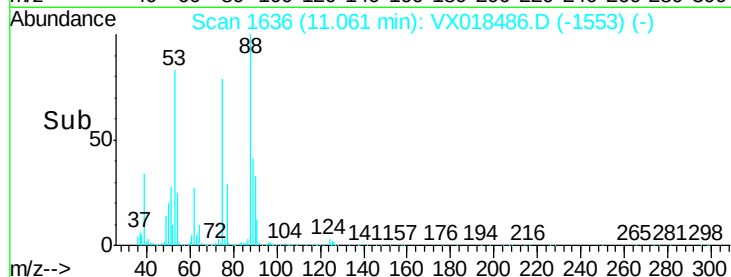
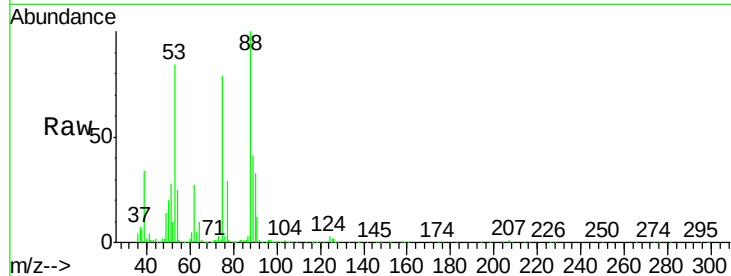
#77
t-1,4-Dichloro-2-butene
Concen: 18.419 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

Instrument :
MSVOA_X
ClientSampled :
VX0918WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.1	52.1	156.4
89	51.5	22.1	66.3

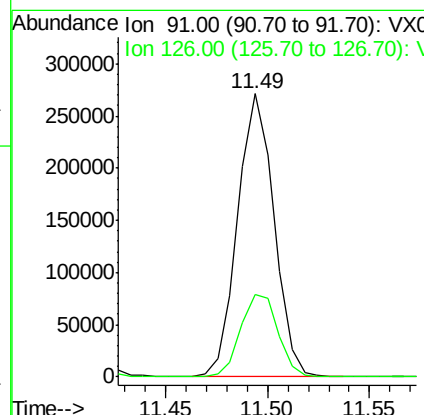
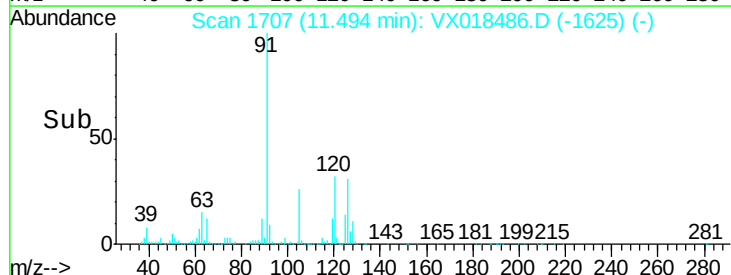
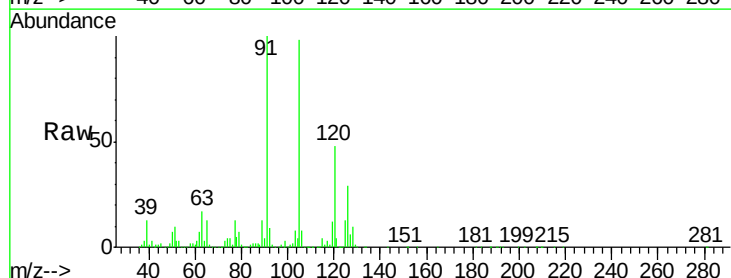
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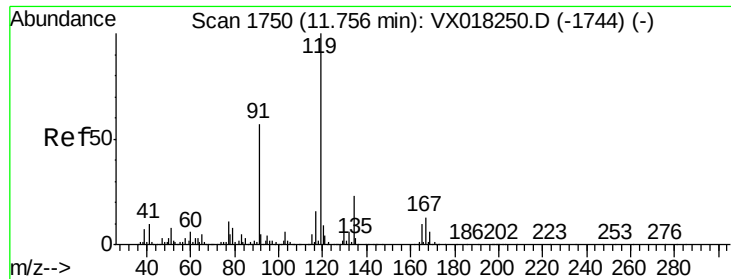
MMDadoda
9/21/2020 11:50:45 AM



#78
4-Chlorotoluene
Concen: 19.145 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	0.0	59.2





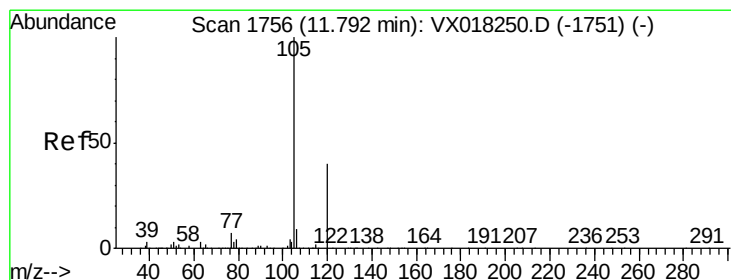
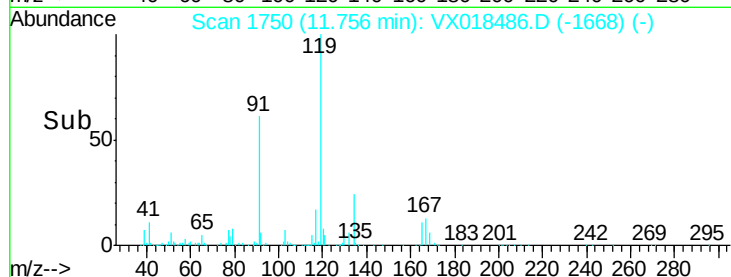
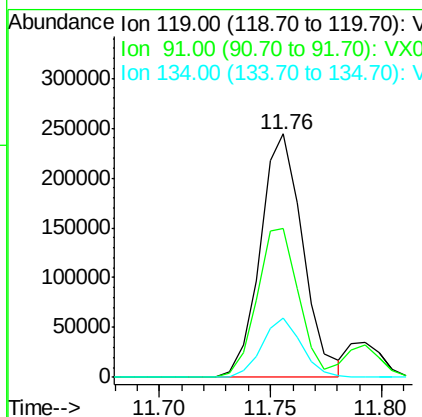
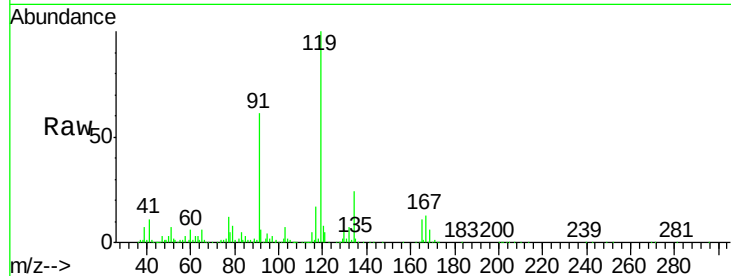
#79
tert-butylbenzene
Concen: 18.956 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0918WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	325487		
91	59.3	0.0	111.8	
134	22.4	0.0	42.4	

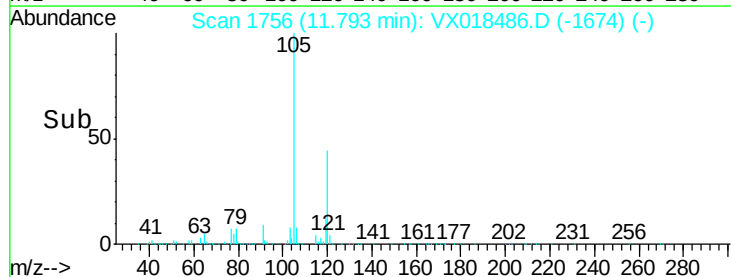
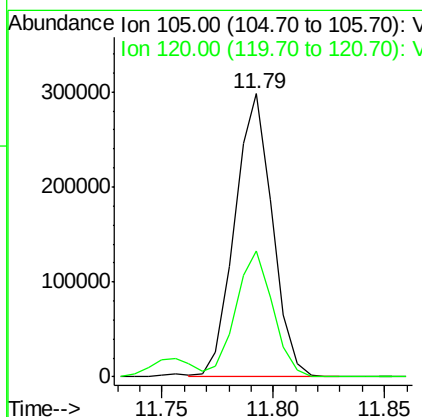
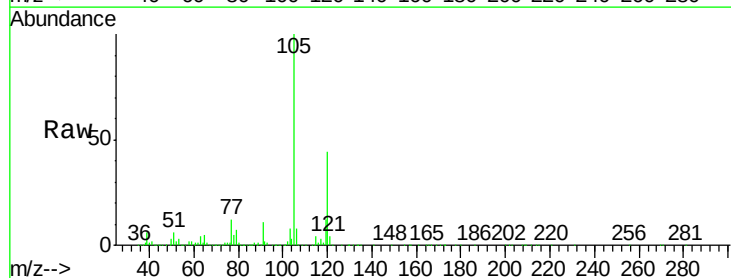
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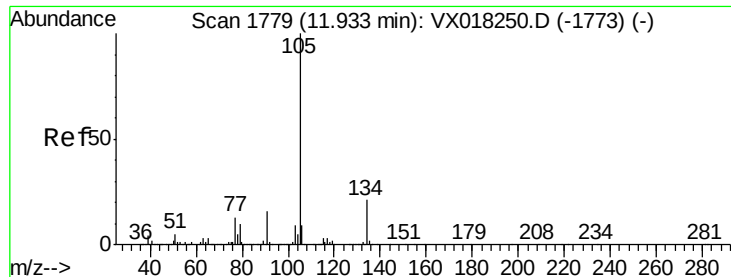
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#80
1,2,4-Trimethylbenzene
Concen: 19.915 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX018486.D
Acq: 18 Sep 2020 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	351080		
120	43.8	0.0	89.2	





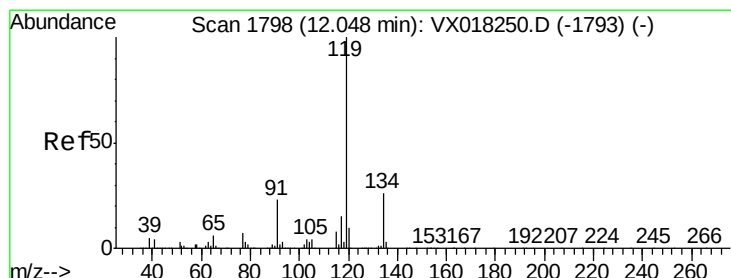
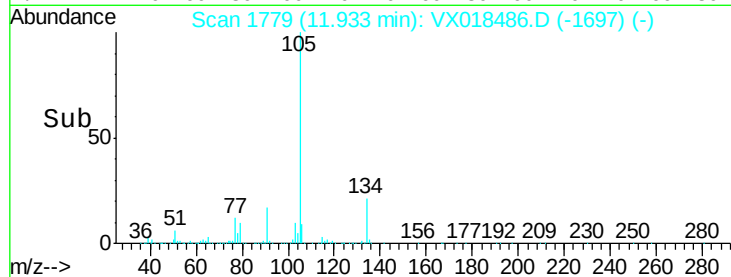
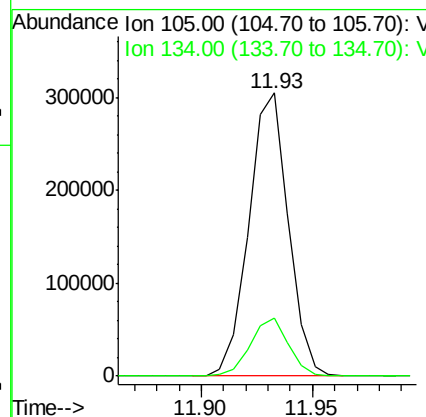
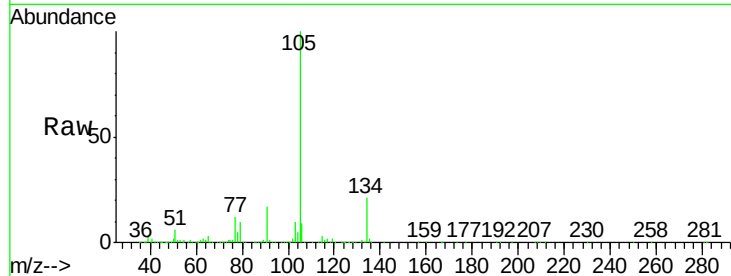
#81
 sec-Butylbenzene
 Concen: 18.769 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX018486.D
 Acq: 18 Sep 2020 12:43

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0918WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	376421		
134	20.1	0.0	40.0	

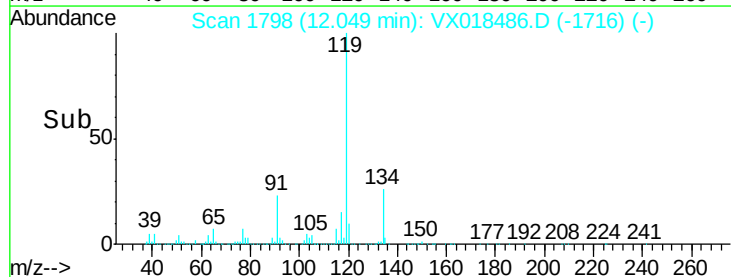
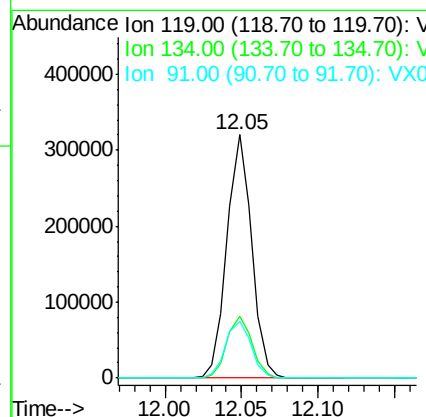
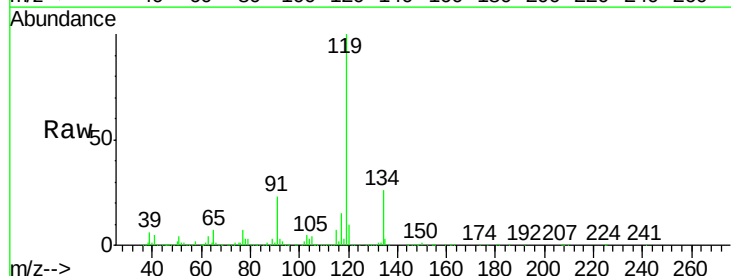
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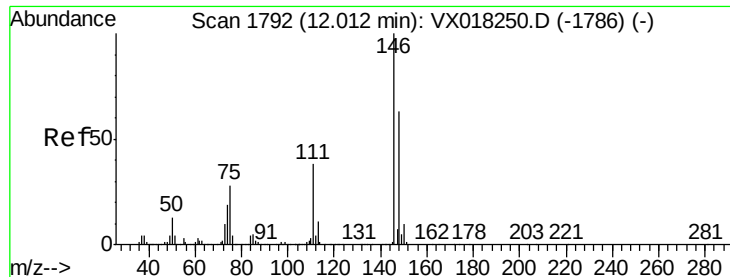
MMDadoda
 9/21/2020 11:50:45 AM



#82
 p-Isopropyltoluene
 Concen: 19.276 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX018486.D
 Acq: 18 Sep 2020 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	360457		
134	25.9	0.0	53.0	
91	24.2	0.0	49.8	





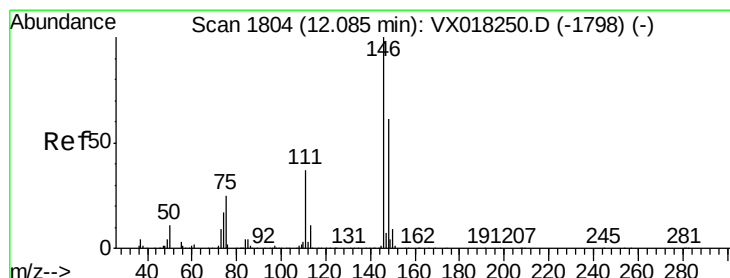
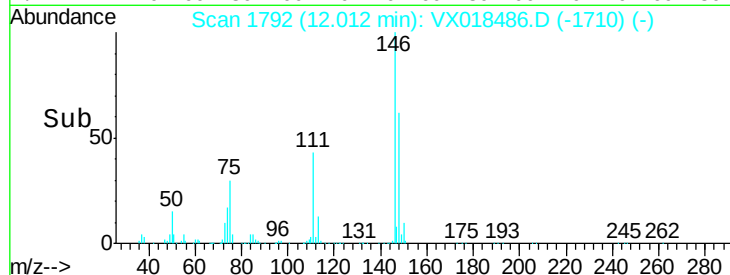
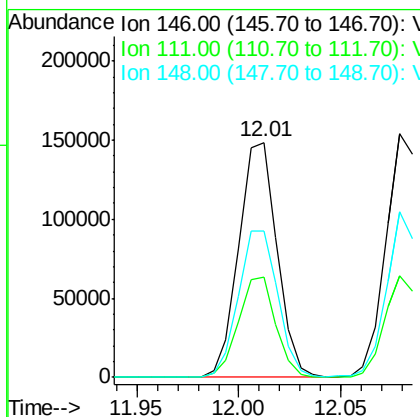
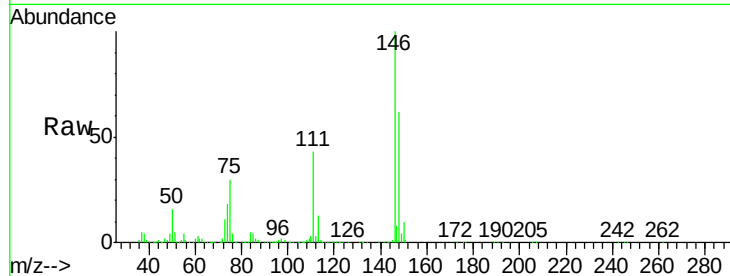
#83
 1,3-Dichlorobenzene
 Concen: 19.383 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX018486.D
 Acq: 18 Sep 2020 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.0	59.9
148	64.1	32.1	96.3

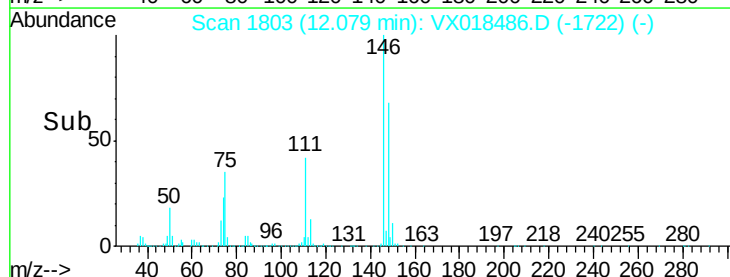
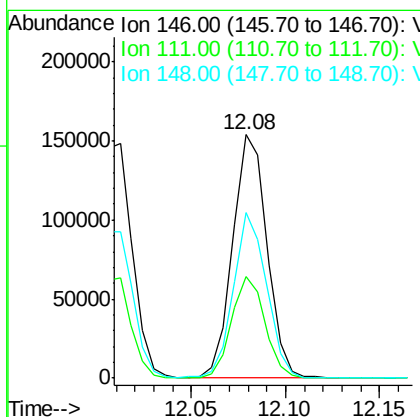
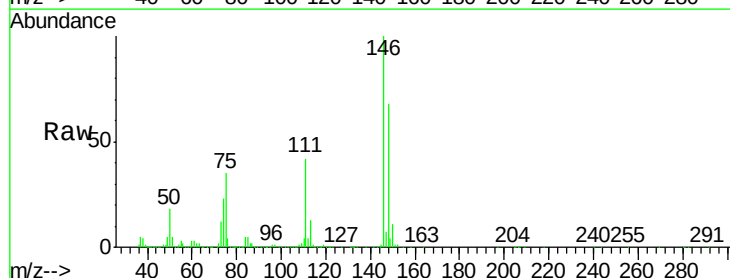
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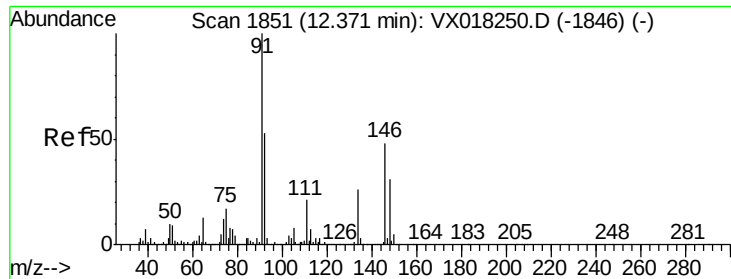
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#84
 1,4-Dichlorobenzene
 Concen: 19.443 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX018486.D
 Acq: 18 Sep 2020 12:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	19.3	57.8
148	65.7	31.7	95.1





#85

n-Butylbenzene

Concen: 19.074 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

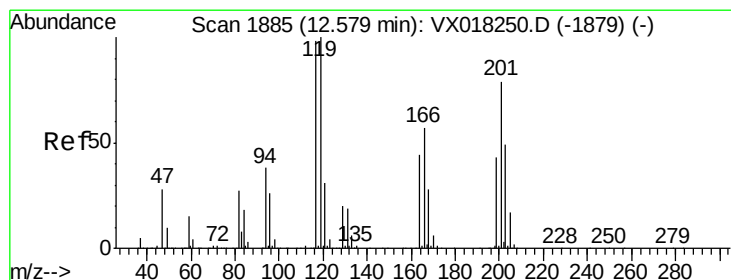
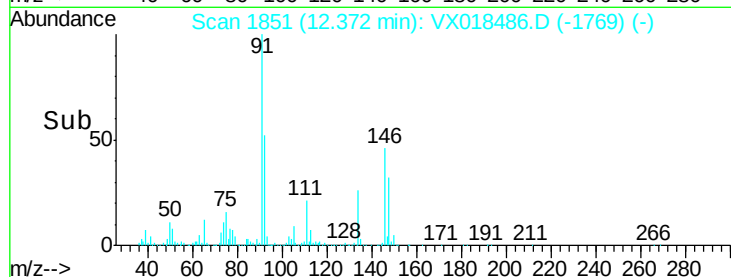
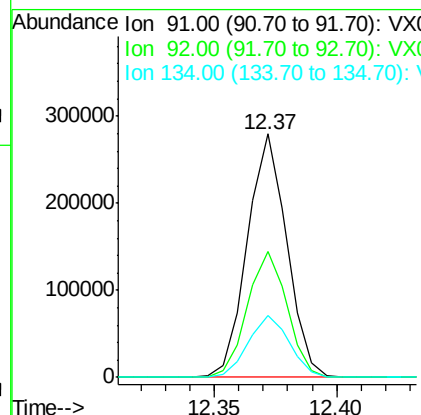
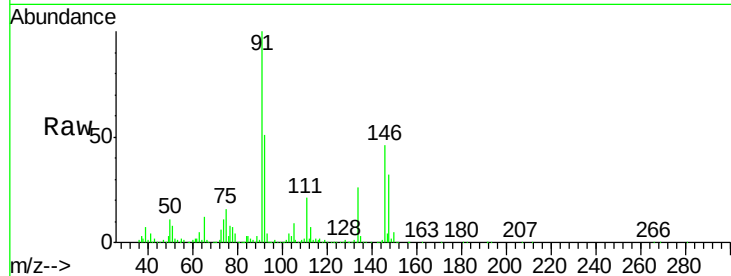
ClientSampleId :

VX0918WBSD01

Tot Ion:	91	Resp:	314020
Ion Ratio	Lower	Upper	
91	100		
92	52.3	0.0	105.0
134	26.6	0.0	51.0

Manual Integrations
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#86

Hexachloroethane

Concen: 18.658 ug/l

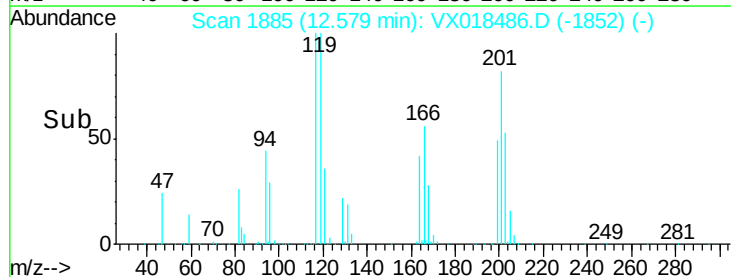
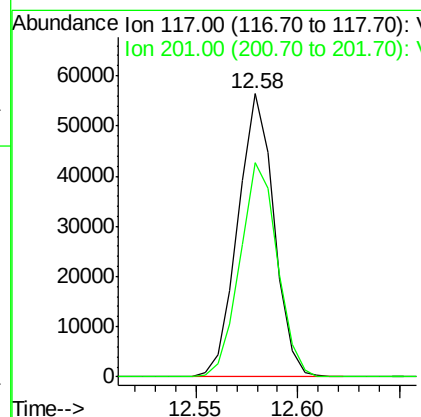
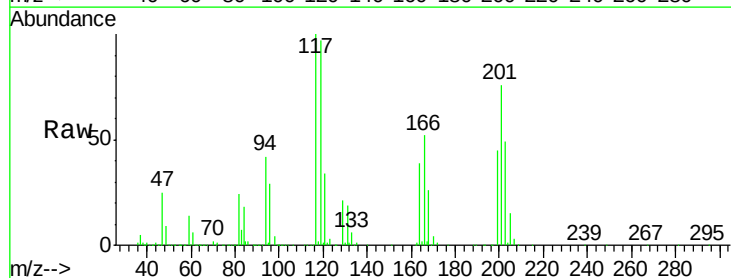
RT: 12.58 min Scan# 1885

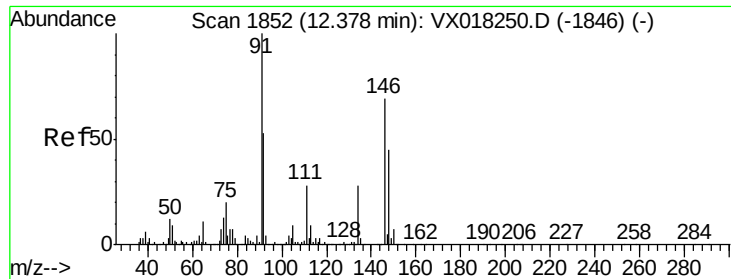
Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Tgt Ion:	117	Resp:	68694
Ion Ratio	Lower	Upper	
117	100		
201	78.8	39.6	118.8





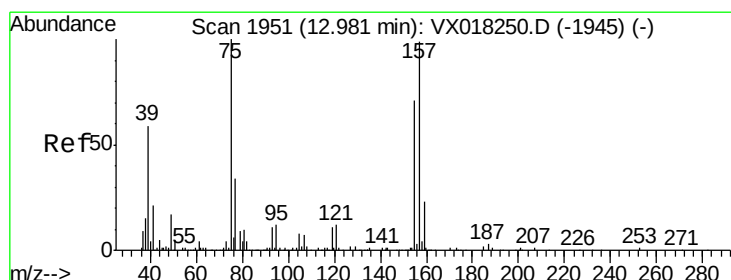
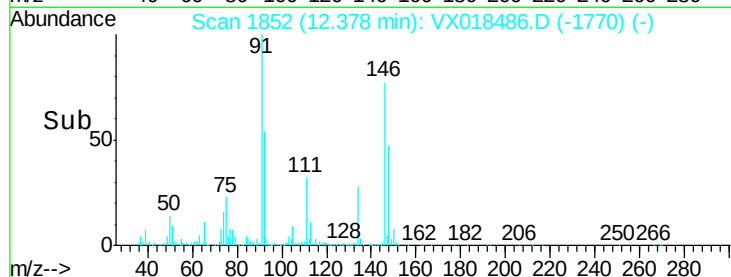
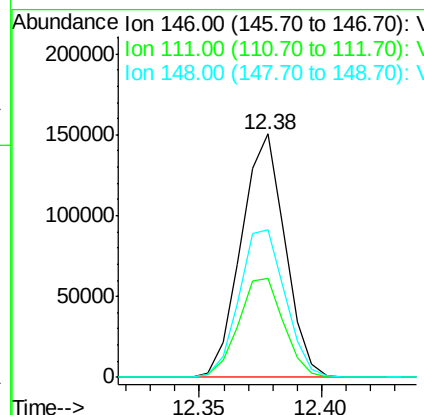
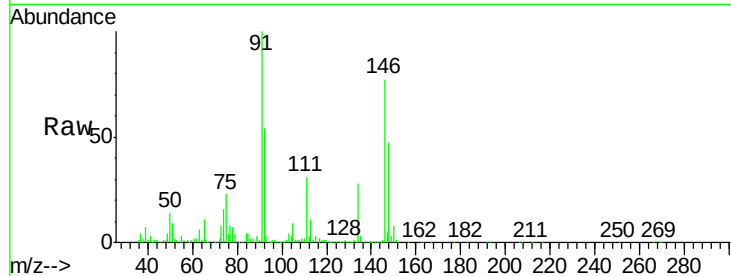
#87
 1,2-Dichlorobenzene
 Concen: 19.937 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX018486.D
 Acq: 18 Sep 2020 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.4	64.3
148	64.2	32.0	96.2

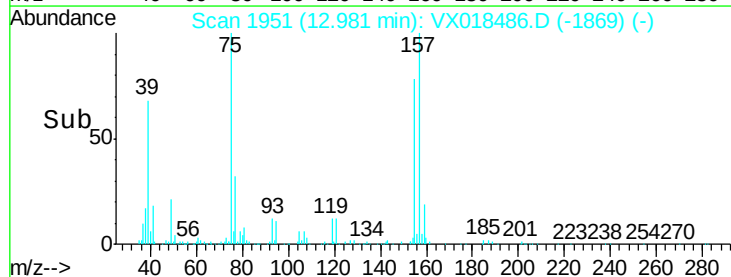
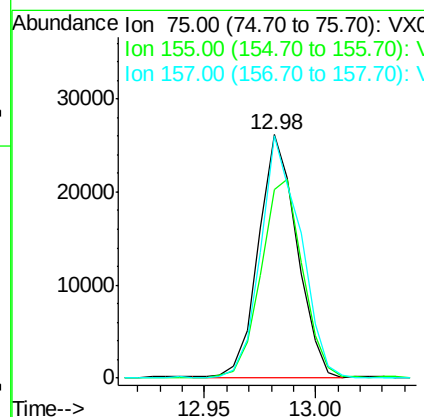
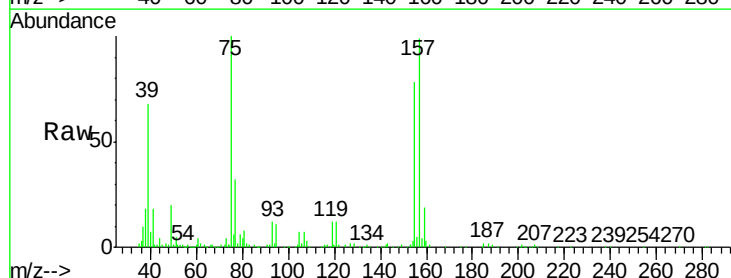
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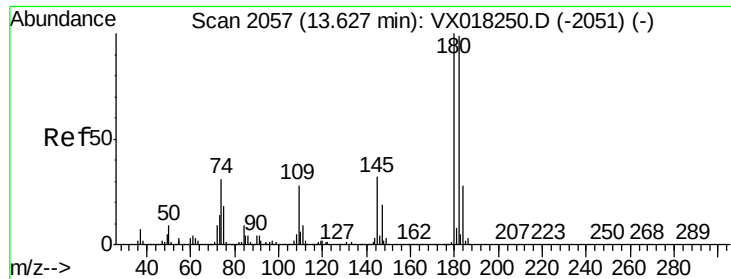
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 18.525 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX018486.D
 Acq: 18 Sep 2020 12:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.9	63.4	95.2
157	102.4	87.0	130.6





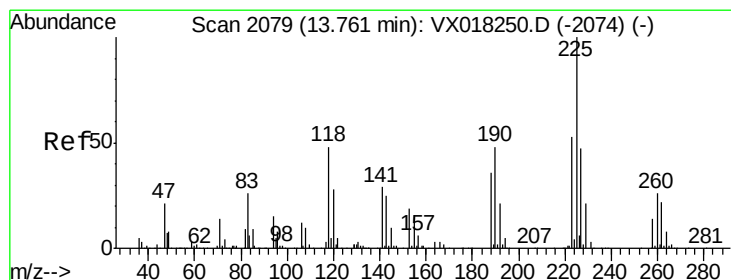
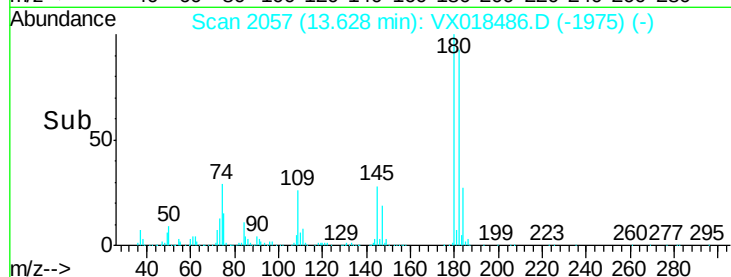
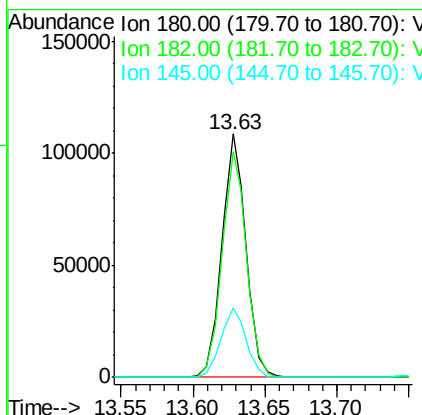
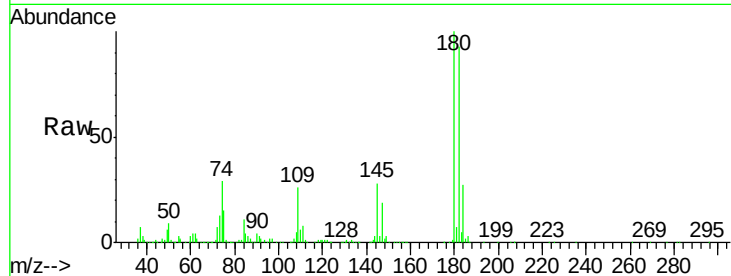
#89
 1,2,4-Trichlorobenzene
 Concen: 20.059 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX018486.D
 Acq: 18 Sep 2020 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0918WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	127358		
182	94.2	77.1	115.7	
145	29.8	25.0	37.6	

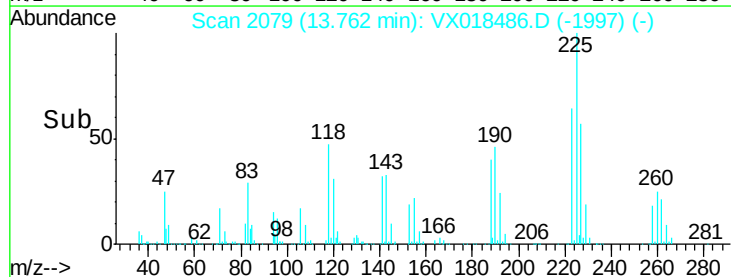
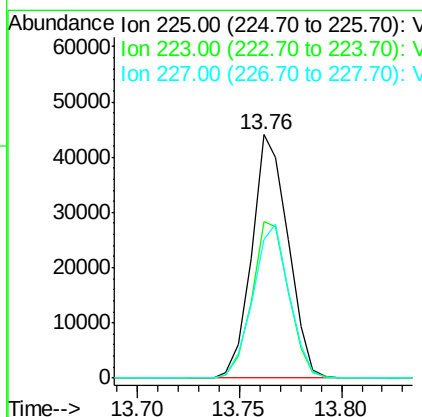
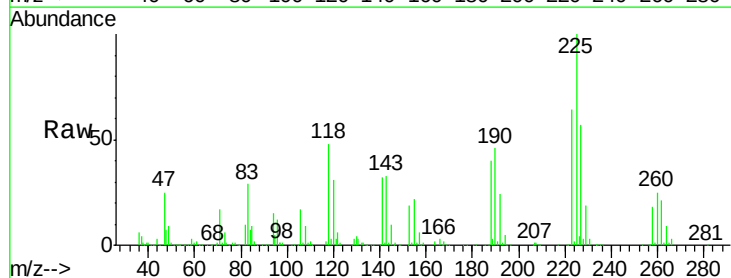
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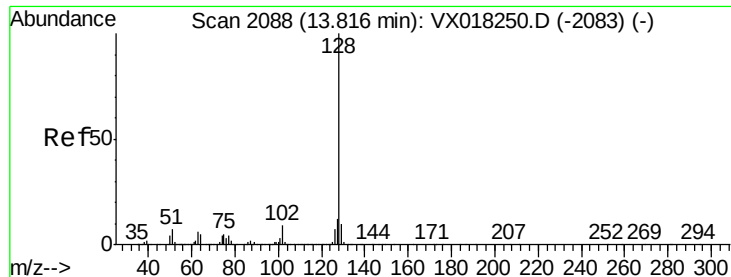
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#90
 Hexachlorobutadiene
 Concen: 20.304 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX018486.D
 Acq: 18 Sep 2020 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	54529		
223	64.6	0.0	115.8	
227	63.5	0.0	117.0	





#91

Naphthalene

Concen: 18.796 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Instrument :

MSVOA_X

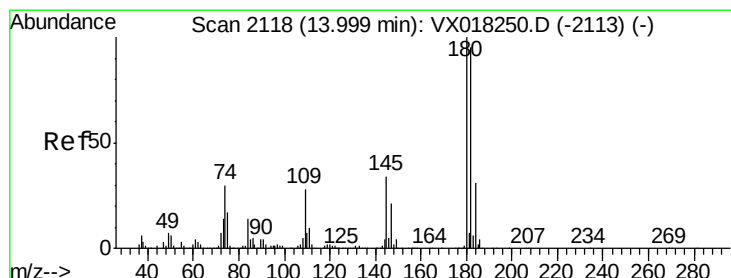
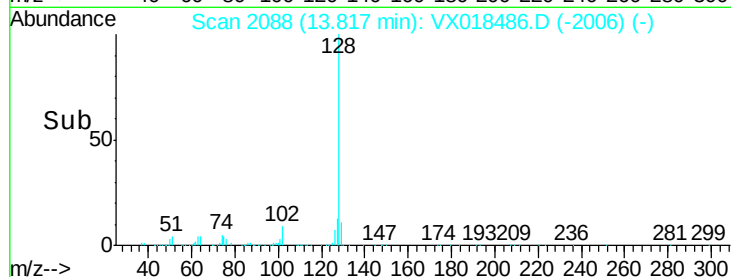
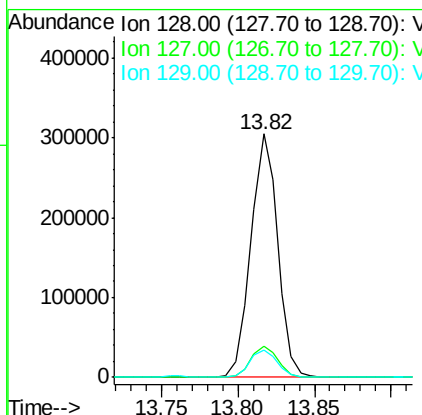
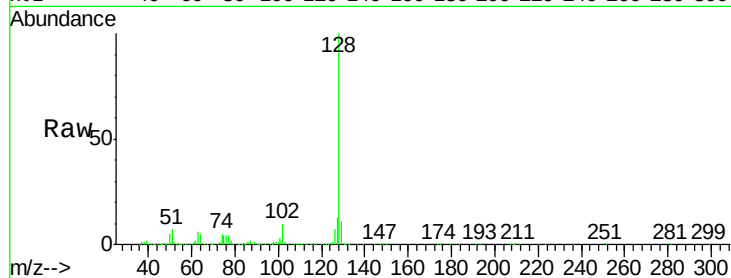
ClientSampleId :

VX0918WBSD01

Tot Ion:	128	Resp:	372446
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	11.4	8.7	13.1

Manual Integrations
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#92

1,2,3-Trichlorobenzene

Concen: 19.441 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VX018486.D

Acq: 18 Sep 2020 12:43

Tgt Ion:	180	Resp:	122116
Ion Ratio	Lower	Upper	
180	100		
182	95.6	0.0	191.6
145	33.9	0.0	67.4

