

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102020\
 Data File : VX018986.D
 Acq On : 20 Oct 2020 20:22
 Operator : JC/SP
 Sample : VX1020WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBS01

Manual Integrations
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 10/21/2020 1:04:56 PM

Quant Time: Oct 21 03:52:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102020W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 20 19:16:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	156429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	292373	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	275921	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	141096	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	107624	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	
35) Dibromofluoromethane	5.46	113	87071	47.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.24%	
50) Toluene-d8	8.70	98	350276	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
62) 4-Bromofluorobenzene	11.12	95	132737	46.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	26319	20.251	ug/l	97
3) Chloromethane	1.31	50	29818	19.760	ug/l	96
4) Vinyl Chloride	1.39	62	41476	20.268	ug/l	98
5) Bromomethane	1.63	94	43464	26.810	ug/l	98
6) Chloroethane	1.71	64	30621	20.035	ug/l	99
7) Trichlorofluoromethane	1.92	101	71193	20.059	ug/l	97
8) Diethyl Ether	2.17	74	28815	20.216	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	27353	15.105	ug/l	99
10) Methyl Iodide	2.49	142	27643	16.182	ug/l	100
11) Tert butyl alcohol	3.01	59	45781	97.077	ug/l	99
12) 1,1-Dichloroethene	2.36	96	28476	14.080	ug/l	83
13) Acrolein	2.27	56	23472	86.470	ug/l	98
14) Allyl chloride	2.71	41	40085	19.582	ug/l	99
15) Acrylonitrile	3.11	53	80397	98.215	ug/l	100
16) Acetone	2.42	43	67407	94.146	ug/l	99
17) Carbon Disulfide	2.55	76	83471	18.889	ug/l	98
18) Methyl Acetate	2.75	43	36978	21.314	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	97240	18.931	ug/l	99
20) Methylene Chloride	2.83	84	34516	18.656	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	34467	18.650	ug/l	98
22) Diisopropyl ether	3.82	45	81140	19.279	ug/l	97
23) Vinyl Acetate	3.78	43	385500	97.116	ug/l	99
24) 1,1-Dichloroethane	3.67	63	58668	19.523	ug/l	100
25) 2-Butanone	4.64	43	114478	98.978	ug/l	97
26) 2,2-Dichloropropane	4.55	77	50326	17.461	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	40405	18.708	ug/l	99
28) Bromochloromethane	4.98	49	24508	18.912	ug/l	99
29) Tetrahydrofuran	5.09	42	64945	95.259	ug/l	99
30) Chloroform	5.17	83	63483	18.946	ug/l	98
31) Cyclohexane	5.54	56	44435	18.485	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	56739	18.837	ug/l	98
36) 1,1-Dichloropropene	5.77	75	47899	17.530	ug/l	98
37) Ethyl Acetate	4.79	43	43822	18.552	ug/l	100
38) Carbon Tetrachloride	5.76	117	47785	17.378	ug/l	96

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
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 ClientSampleID :
 VX1020WBS01

Manual Integrations
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Quant Time: Oct 21 03:52:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102020W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 20 19:16:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	51271	17.368	ug/l	97
40) Benzene	6.11	78	144225	18.146	ug/l	97
41) Methacrylonitrile	5.00	41	23077	18.275	ug/l	99
42) 1,2-Dichloroethane	6.16	62	51555	18.912	ug/l	100
43) Isopropyl Acetate	6.41	43	72772	18.283	ug/l	100
44) Trichloroethene	7.18	130	38585	17.532	ug/l	98
45) 1,2-Dichloropropane	7.49	63	35198	18.192	ug/l	95
46) Dibromomethane	7.63	93	25954	17.873	ug/l	99
47) Bromodichloromethane	7.87	83	51354	17.825	ug/l	96
48) Methyl methacrylate	7.74	41	35511	18.070	ug/l	97
49) 1,4-Dioxane	7.71	88	18754	359.999	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	228285	92.886	ug/l	99
52) Toluene	8.76	92	95364	17.936	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	57901	17.591	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	61254	17.907	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	37765	17.462	ug/l	93
56) Ethyl methacrylate	9.16	69	57545	18.050	ug/l	96
57) 1,3-Dichloropropane	9.35	76	63580	18.226	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	152419	92.809	ug/l	100
59) 2-Hexanone	9.47	43	177608	93.059	ug/l	98
60) Dibromochloromethane	9.57	129	41058	17.191	ug/l	99
61) 1,2-Dibromoethane	9.65	107	41246	17.778	ug/l	97
64) Tetrachloroethene	9.32	164	33347	17.152	ug/l	96
65) Chlorobenzene	10.12	112	102674	17.653	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	36133	17.431	ug/l	98
67) Ethyl Benzene	10.24	91	183841	18.240	ug/l	98
68) m/p-Xylenes	10.34	106	142453	35.854	ug/l	100
69) o-Xylene	10.68	106	67162	17.649	ug/l	100
70) Styrene	10.70	104	114625	17.560	ug/l	98
71) Bromoform	10.84	173	28501	16.448	ug/l #	99
73) Isopropylbenzene	11.00	105	180683	18.985	ug/l	99
74) N-amyl acetate	10.88	43	61711	18.976	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	61751	19.271	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	56425m	19.457	ug/l	
77) Bromobenzene	11.24	156	42244	17.854	ug/l	95
78) n-propylbenzene	11.34	91	207797	18.992	ug/l	98
79) 2-Chlorotoluene	11.40	91	124130	19.240	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	156068	19.055	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.05	75	19855	18.060	ug/l	93
82) 4-Chlorotoluene	11.49	91	149610	18.906	ug/l	96
83) tert-Butylbenzene	11.76	119	149304	18.719	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	157976	19.131	ug/l	97
85) sec-Butylbenzene	11.93	105	181700	19.055	ug/l	96
86) p-Isopropyltoluene	12.05	119	166145	18.526	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	82898	17.993	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	85546	17.975	ug/l	97
89) n-Butylbenzene	12.37	91	155404	18.551	ug/l	98
90) Hexachloroethane	12.58	117	24959	17.751	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	80158	17.918	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	15239	19.358	ug/l	85

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBS01

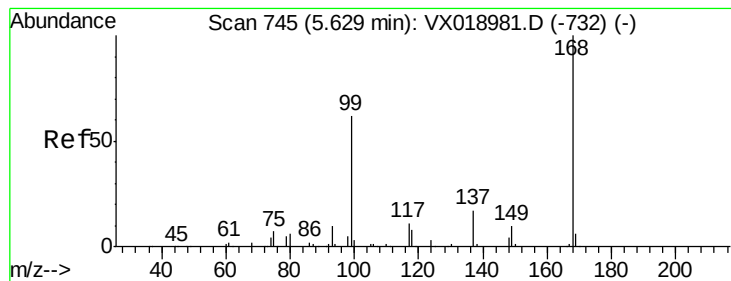
Manual Integrations
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Quant Time: Oct 21 03:52:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102020W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 20 19:16:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	54996	17.549	ug/l	99
94) Hexachlorobutadiene	13.76	225	22168	17.421	ug/l	98
95) Naphthalene	13.82	128	195633	18.708	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	53640	18.126	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBS01

Tot Ion:168 Resp: 156429

Ion Ratio Lower Upper

168 100

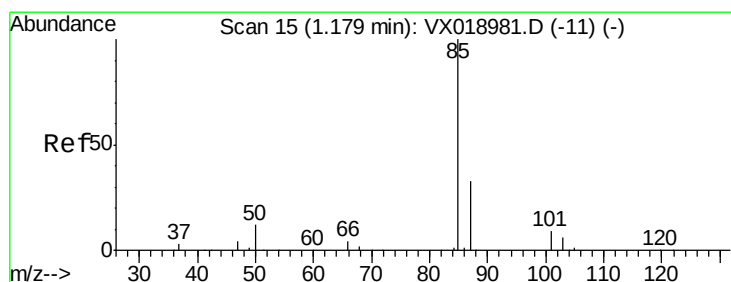
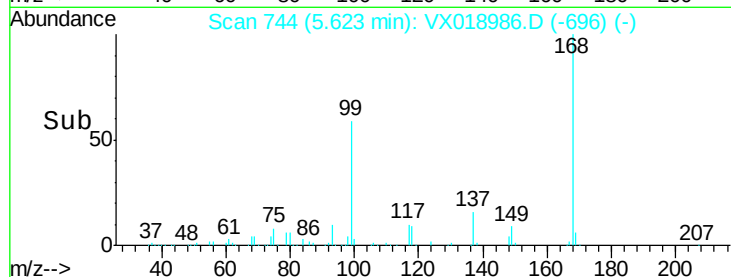
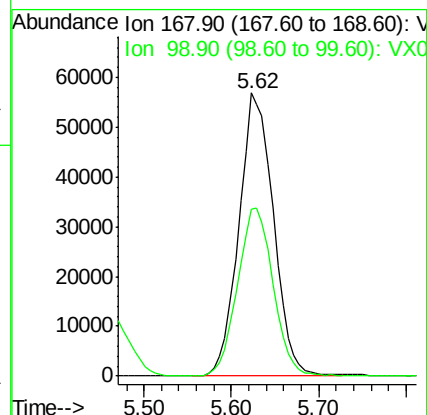
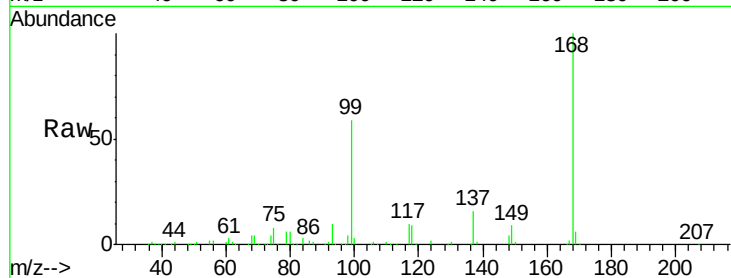
99 58.6 49.7 74.5

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#2

Dichlorodifluoromethane

Concen: 20.251 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX018986.D

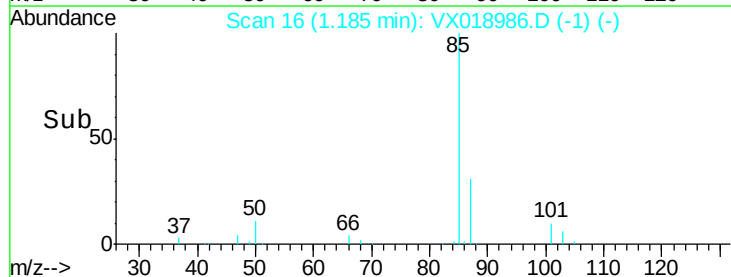
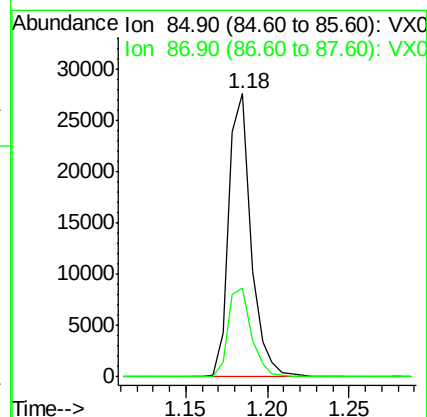
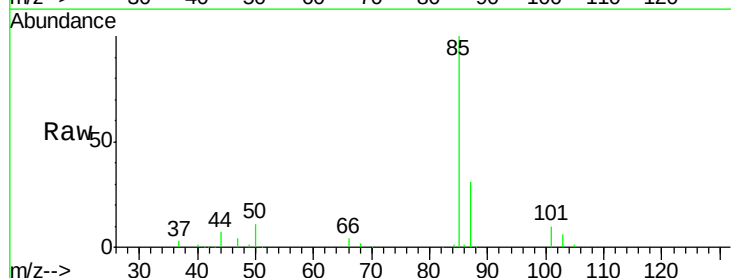
Acq: 20 Oct 2020 20:22

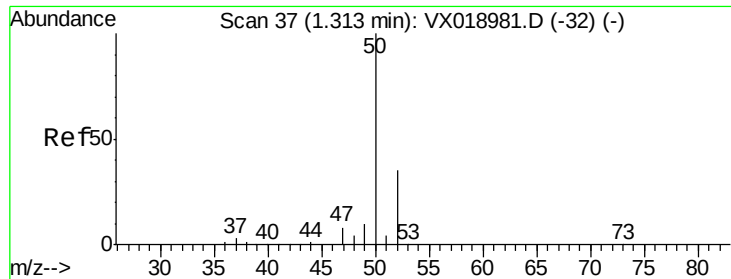
Tgt Ion: 85 Resp: 26319

Ion Ratio Lower Upper

85 100

87 31.2 16.4 49.1





#3

Chloromethane

Concen: 19.760 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBS01

Tot Ion: 50 Resp: 29818

Ion Ratio Lower Upper

50 100

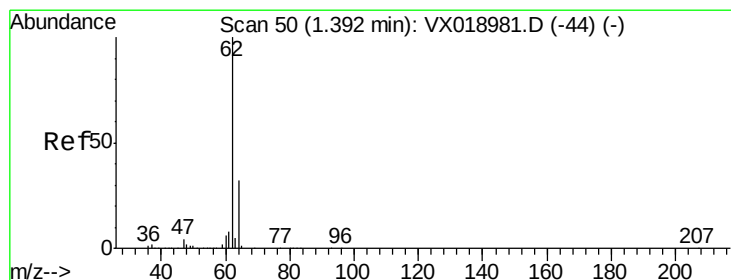
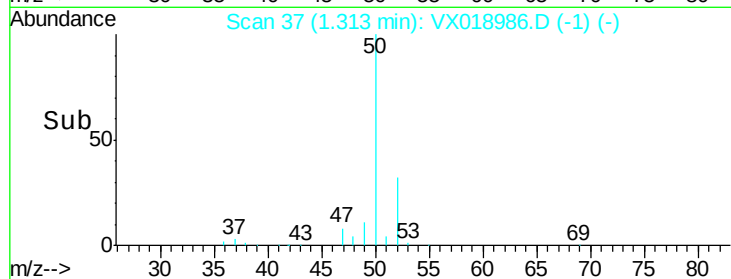
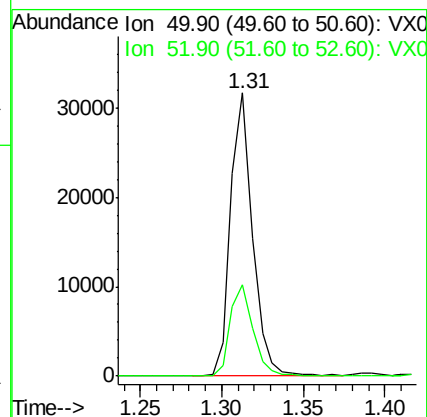
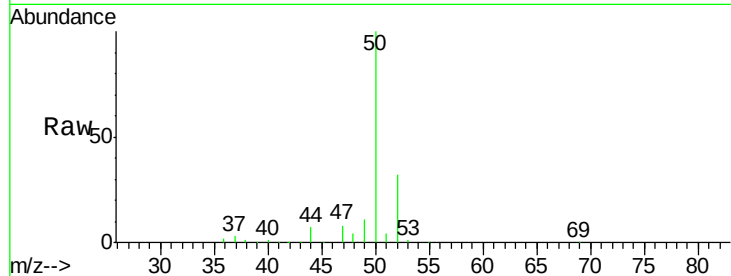
52 32.4 27.7 41.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.268 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018986.D

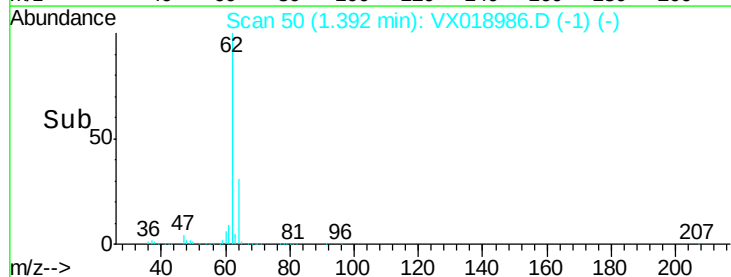
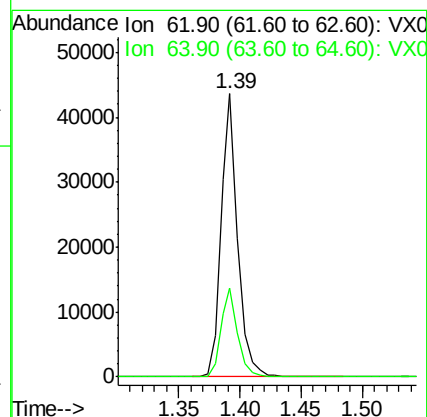
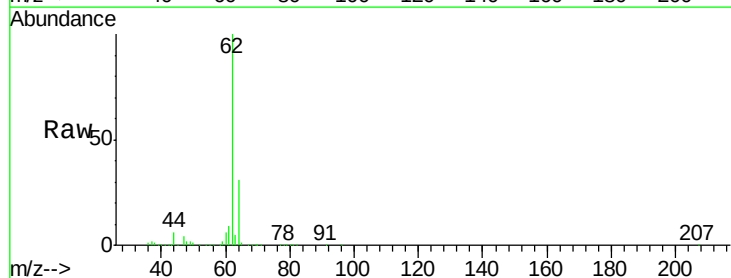
Acq: 20 Oct 2020 20:22

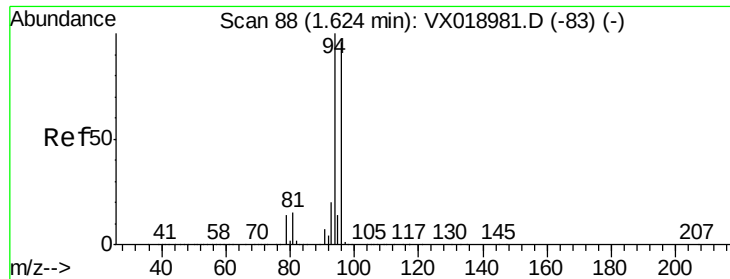
Tgt Ion: 62 Resp: 41476

Ion Ratio Lower Upper

62 100

64 31.3 25.8 38.8





#5

Bromomethane

Concen: 26.810 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBS01

Tot Ion: 94 Resp: 43464

Ion Ratio Lower Upper

94 100

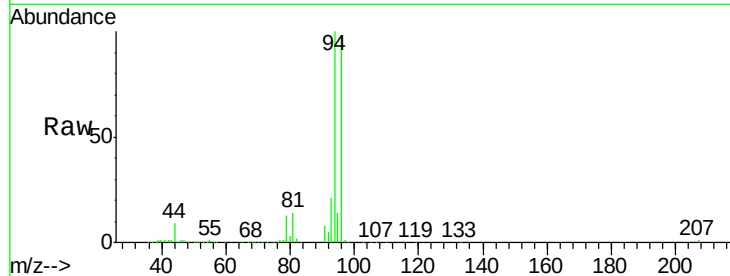
96 97.8 76.4 114.6

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

40000

30000

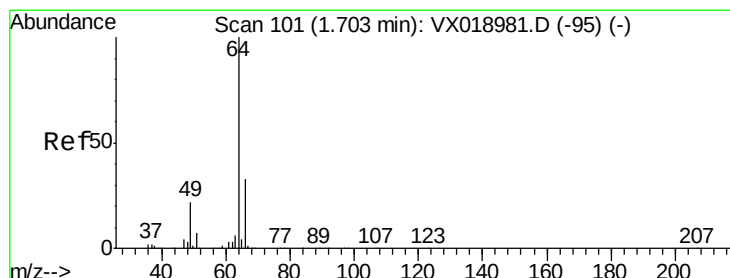
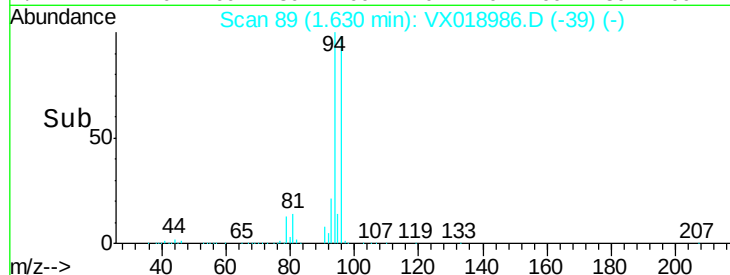
20000

10000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 20.035 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX018986.D

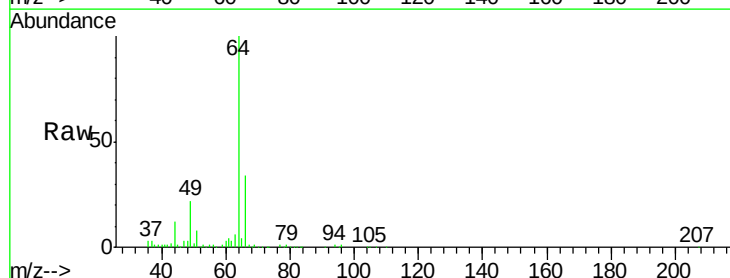
Acq: 20 Oct 2020 20:22

Tgt Ion: 64 Resp: 30621

Ion Ratio Lower Upper

64 100

66 33.3 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

25000

20000

15000

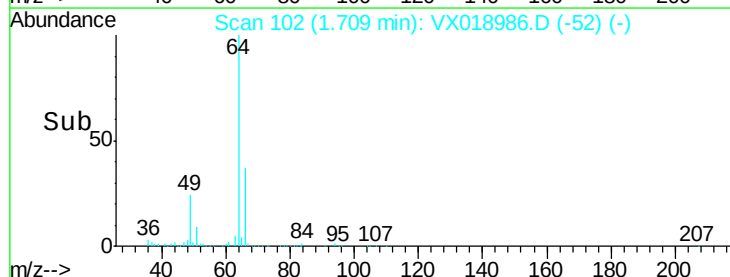
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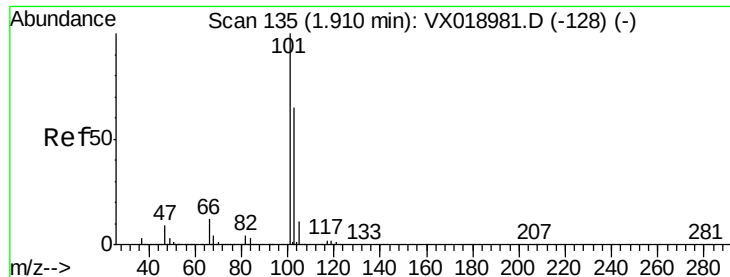
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Time-->

1.65 1.70 1.75 1.80





#7

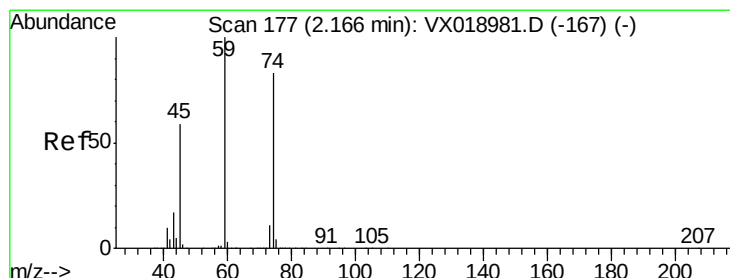
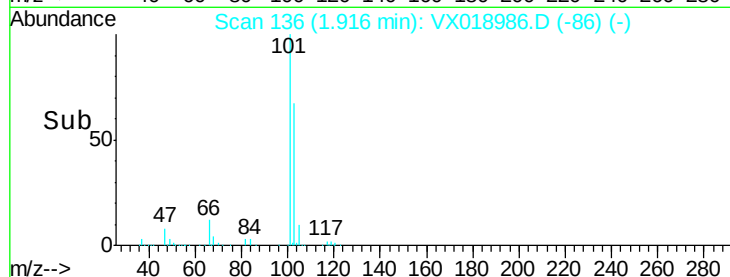
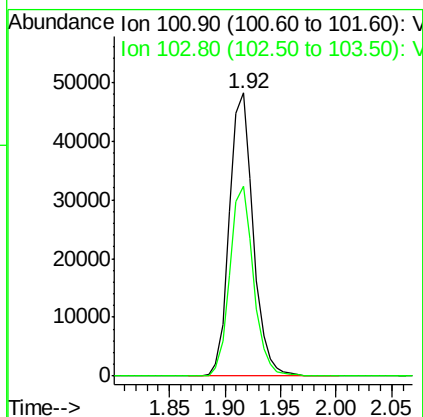
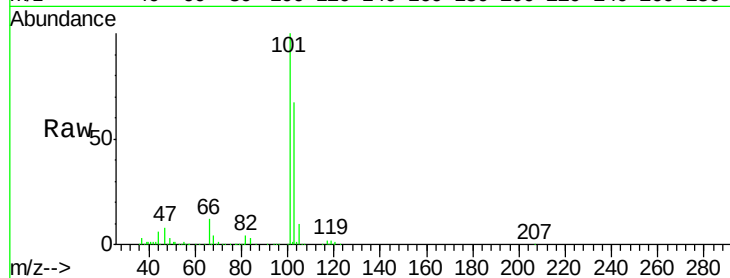
Trichlorofluoromethane
Concen: 20.059 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Instrument :
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ClientSampleId :
VX1020WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		71193		
103	67.1	51.6	77.4		

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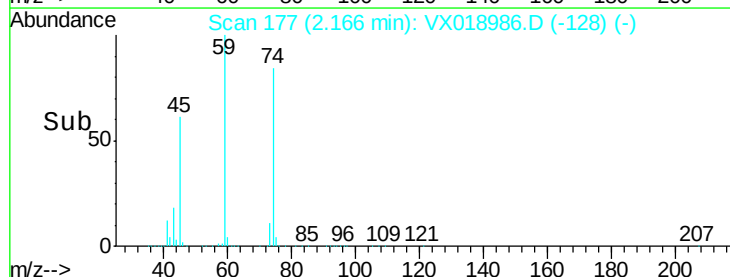
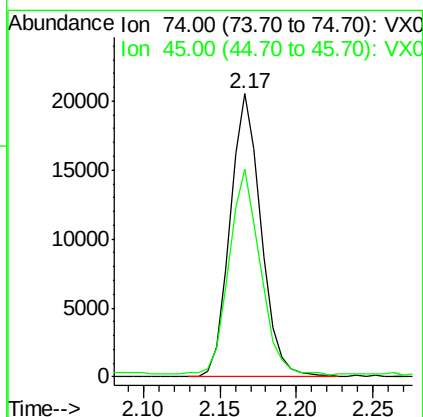
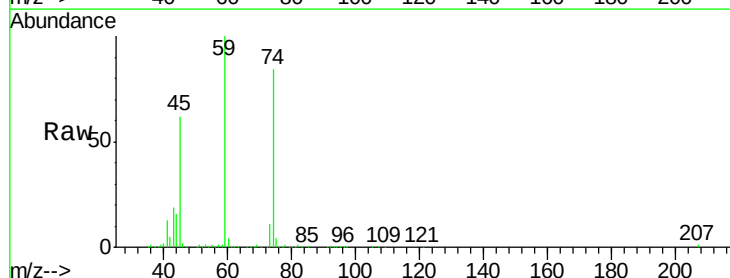
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10/21/2020 1:04:56 PM

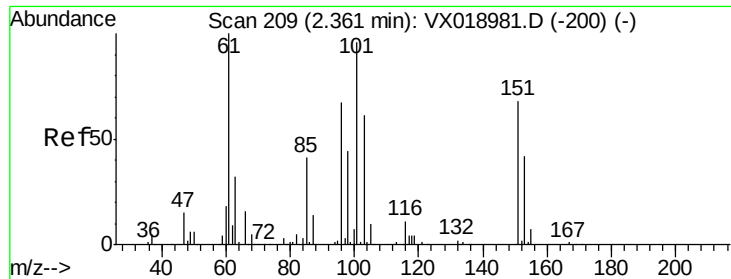


#8

Diethyl Ether
Concen: 20.216 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		28815		
45	72.2	36.0	108.1		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.105 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

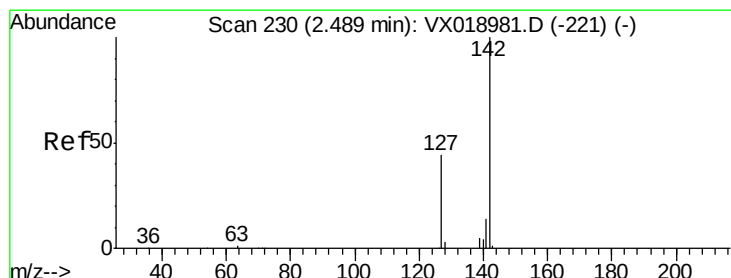
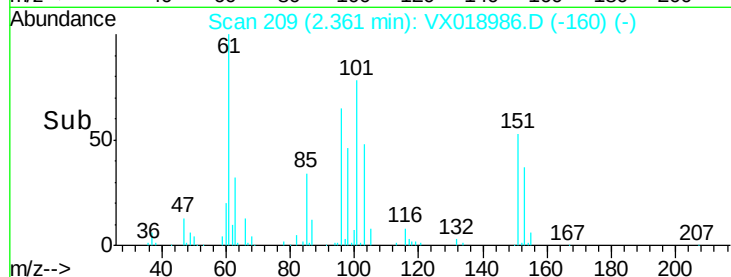
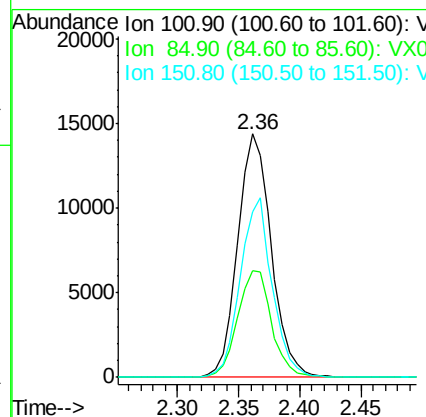
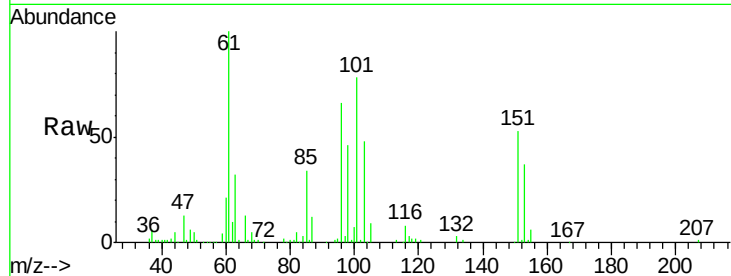
ClientSampleId :

VX1020WBS01

Tot Ion:	101	Resp:	27353
Ion Ratio	Lower	Upper	
101	100		
85	44.3	34.9	52.3
151	69.9	56.1	84.1

Manual Integrations
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#10

Methyl Iodide

Concen: 16.182 ug/l

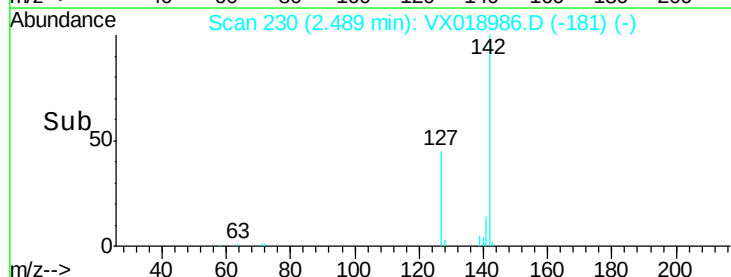
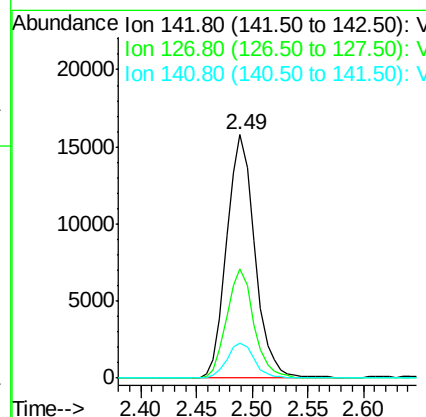
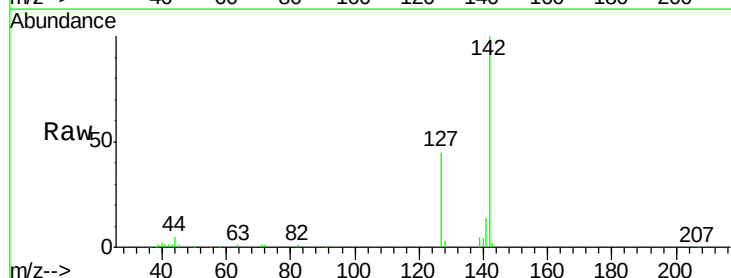
RT: 2.49 min Scan# 230

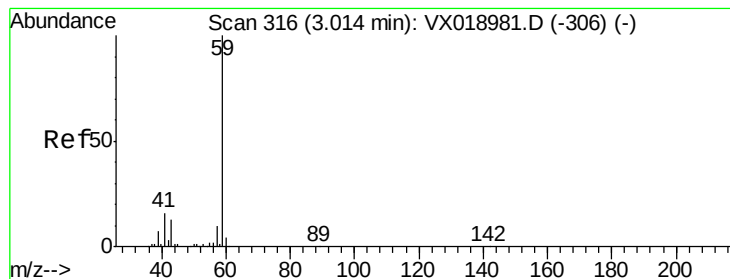
Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Tgt Ion:	142	Resp:	27643
Ion Ratio	Lower	Upper	
142	100		
127	43.0	34.2	51.2
141	14.0	11.3	16.9





#11

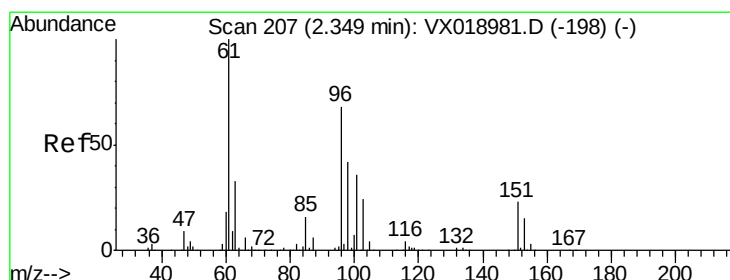
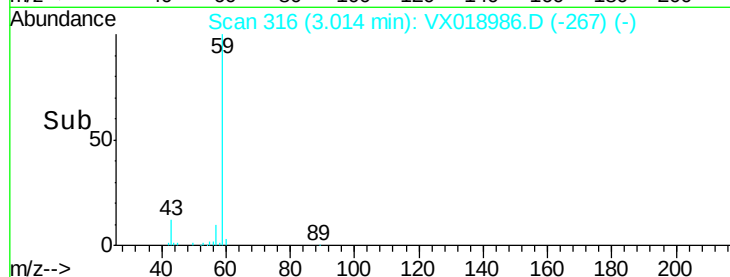
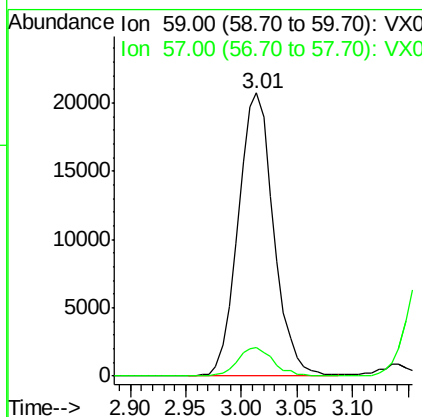
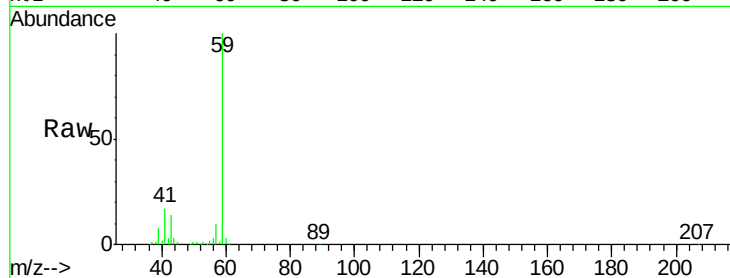
Tert butyl alcohol
Concen: 97.077 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBS01

Tot Ion	59	Resp	45781
Ion Ratio	100	Lower	Upper
57	10.2	8.3	12.5

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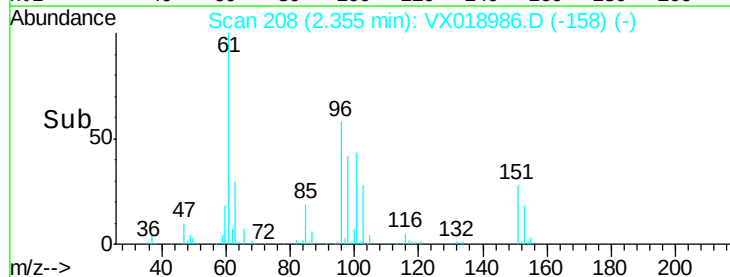
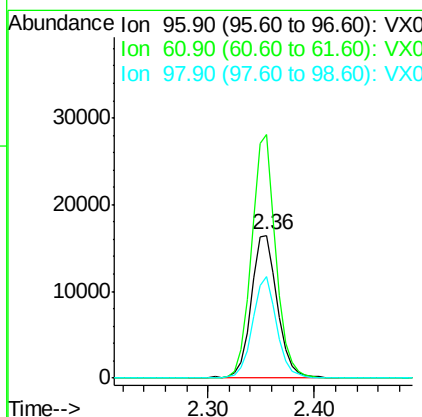
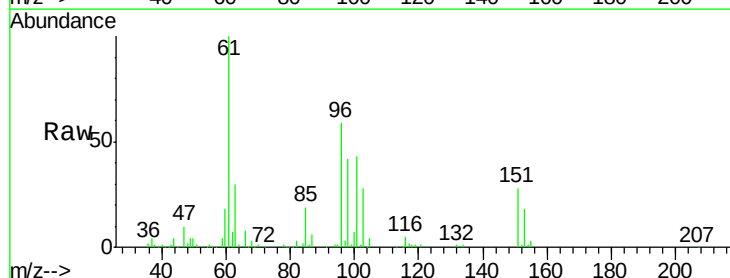
MMDadoda
10/21/2020 1:04:56 PM

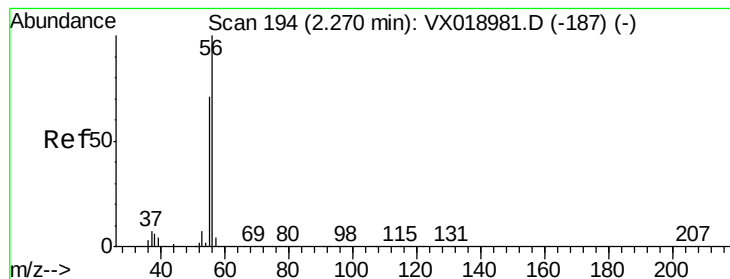


#12

1,1-Dichloroethene
Concen: 14.080 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.01 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Tgt Ion	96	Resp	28476
Ion Ratio	100	Lower	Upper
61	170.9	117.4	176.0
98	71.1	48.9	73.3





#13

Acrolein

Concen: 86.470 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBS01

Tot Ion: 56 Resp: 23472

Ion Ratio Lower Upper

56 100

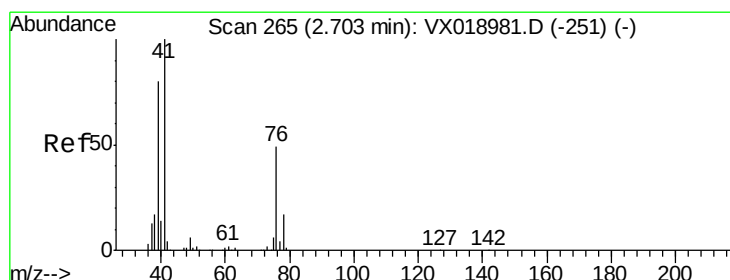
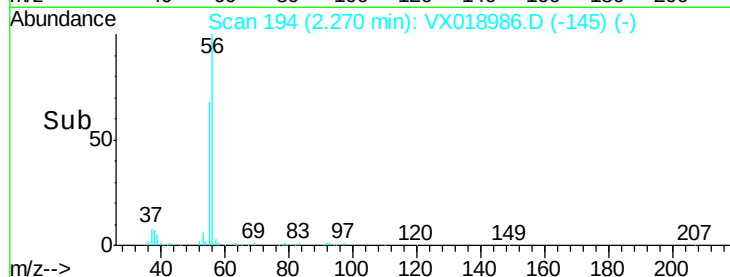
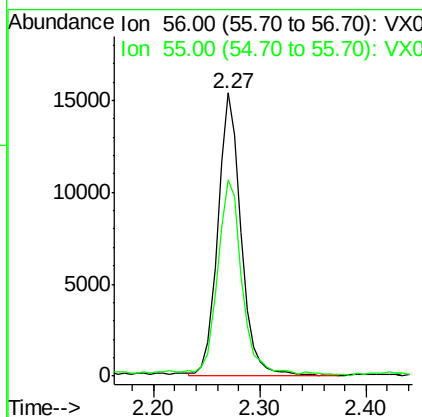
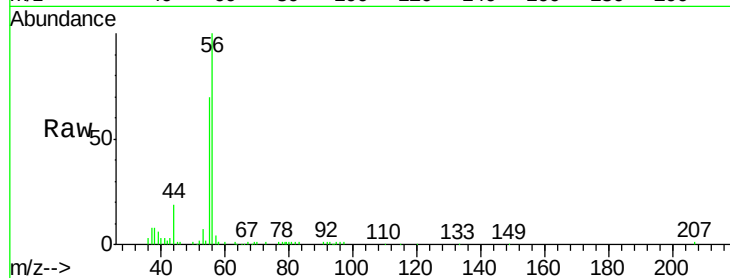
55 70.6 55.4 83.2

Manual Integrations

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#14

Allyl chloride

Concen: 19.582 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

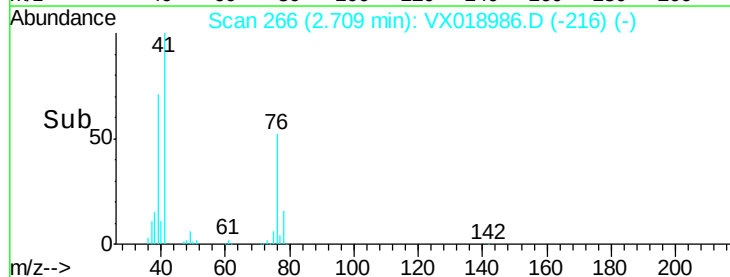
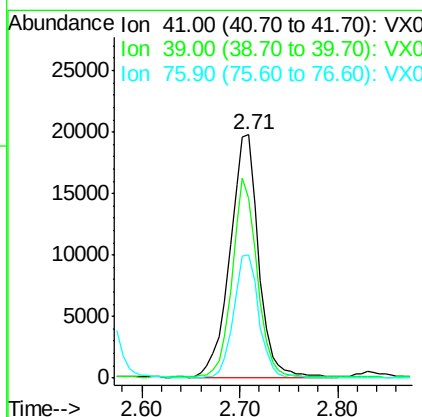
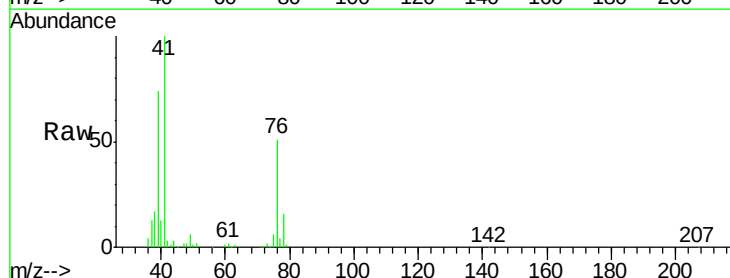
Tgt Ion: 41 Resp: 40085

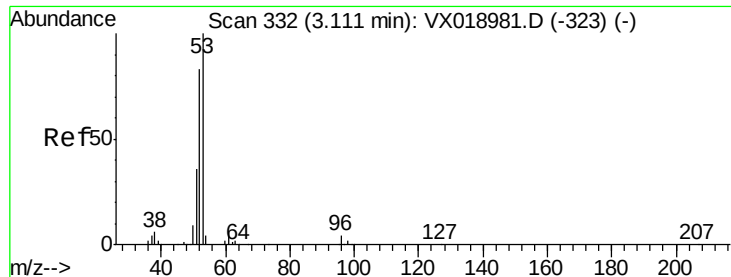
Ion Ratio Lower Upper

41 100

39 70.6 57.8 86.8

76 45.2 36.2 54.4





#15

Acrylonitrile

Concen: 98.215 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

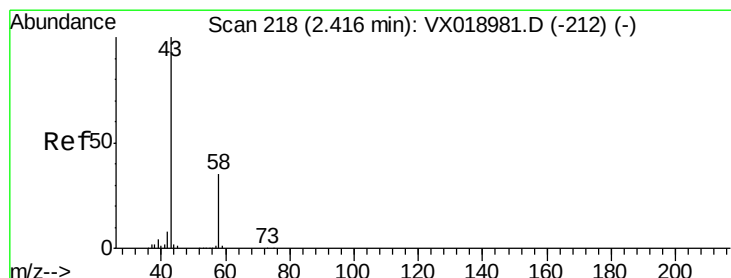
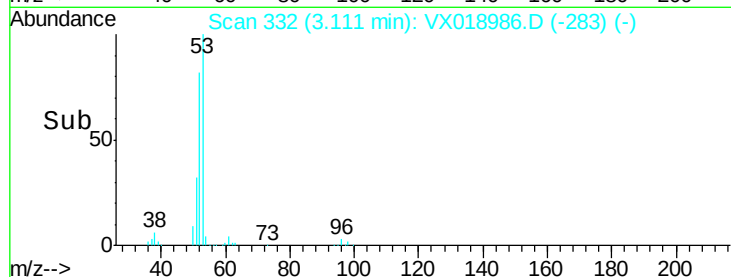
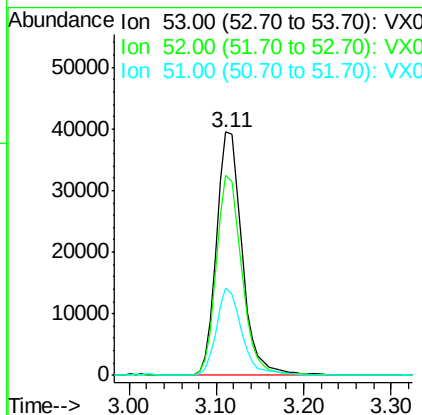
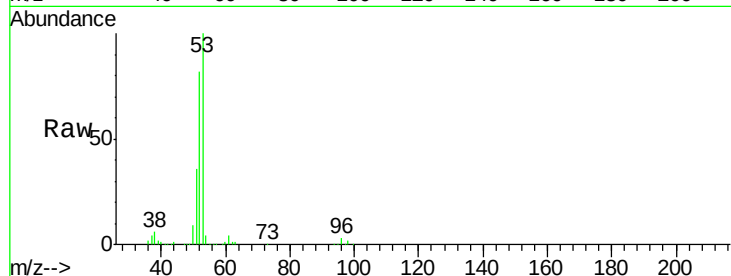
ClientSampleId :

VX1020WBS01

Tot Ion:	53	Resp:	80397
Ion Ratio	Lower	Upper	
53	100		
52	81.7	65.5	98.3
51	35.8	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 94.146 ug/l

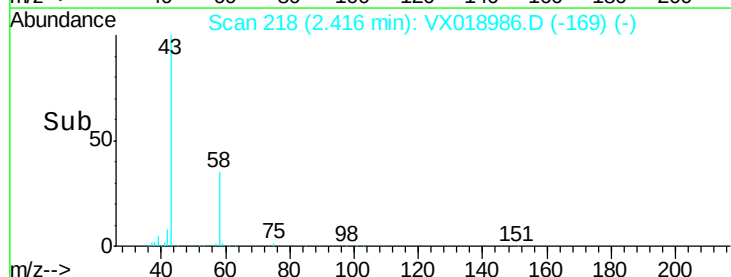
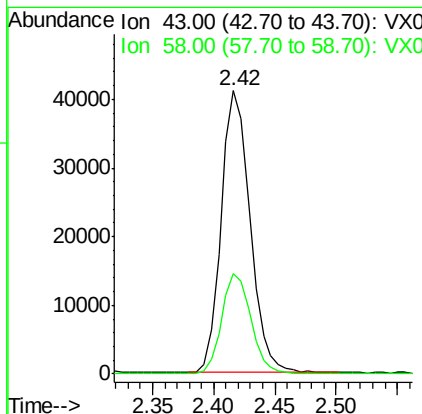
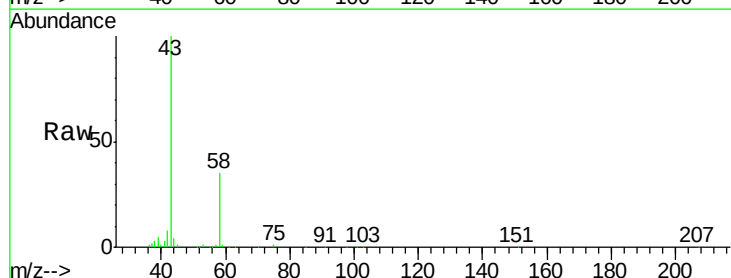
RT: 2.42 min Scan# 218

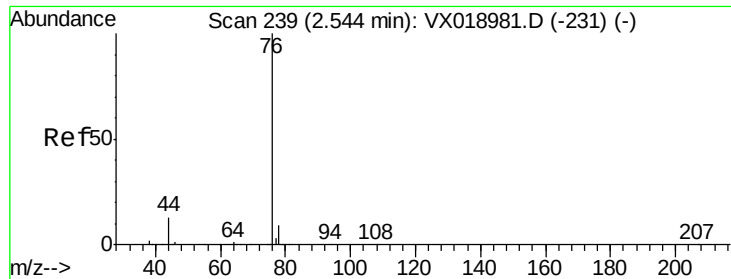
Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Tgt Ion:	43	Resp:	67407
Ion Ratio	Lower	Upper	
43	100		
58	35.4	27.9	41.9





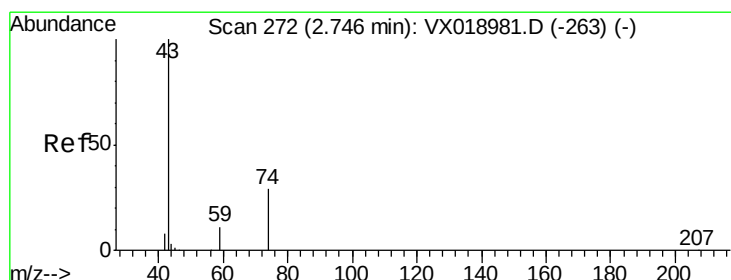
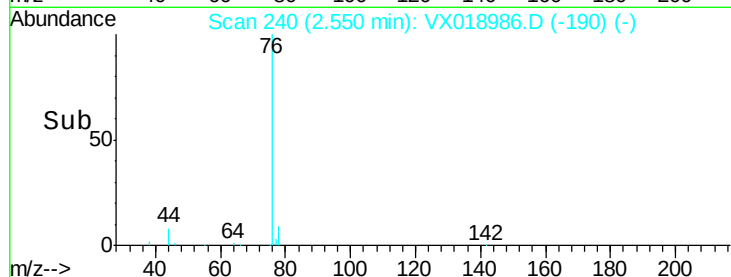
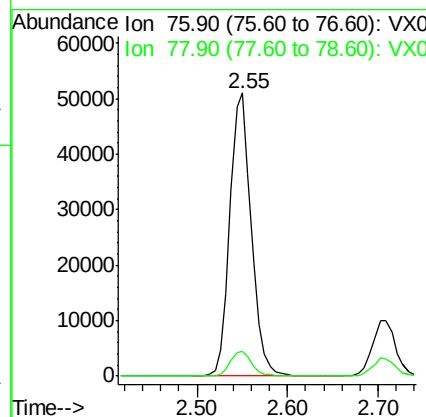
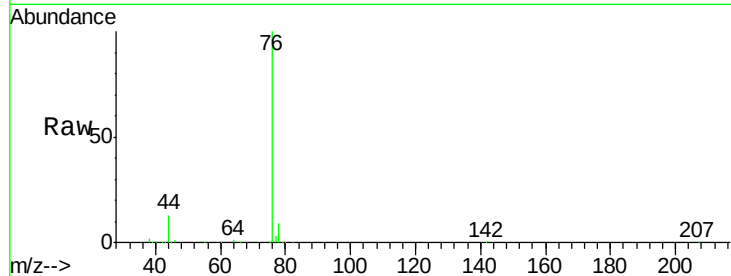
#17
Carbon Disulfide
Concen: 18.889 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.01 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.6	11.4

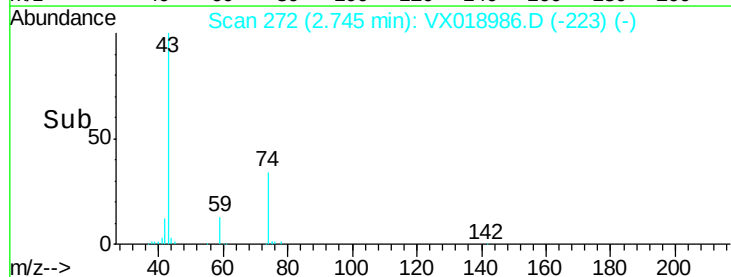
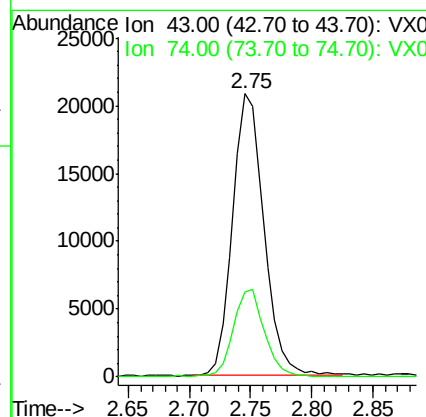
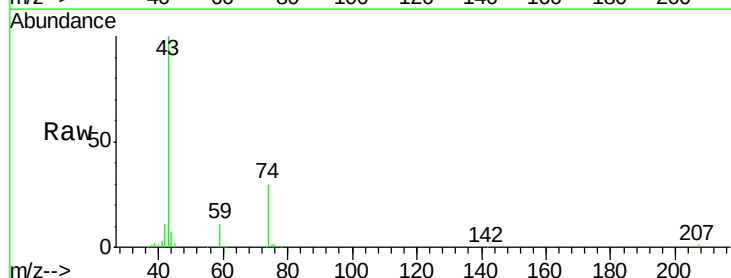
Manual Integrations
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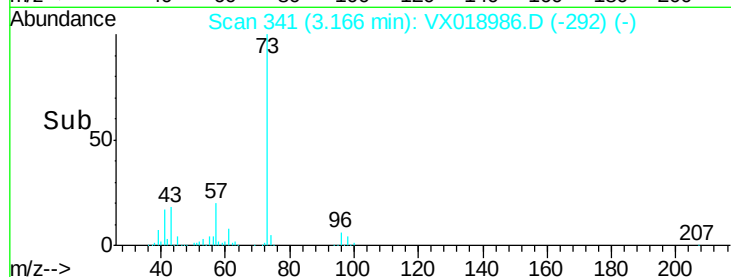
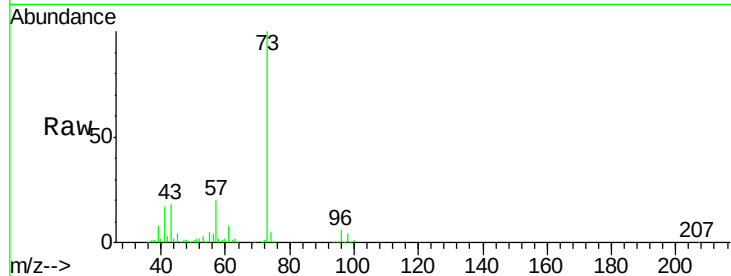
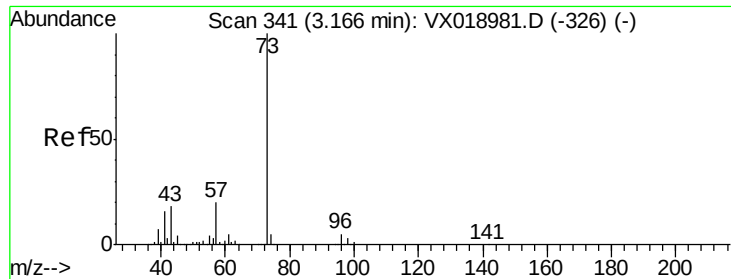
MMDadoda
10/21/2020 1:04:56 PM



#18
Methyl Acetate
Concen: 21.314 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	30.9	24.1	36.1





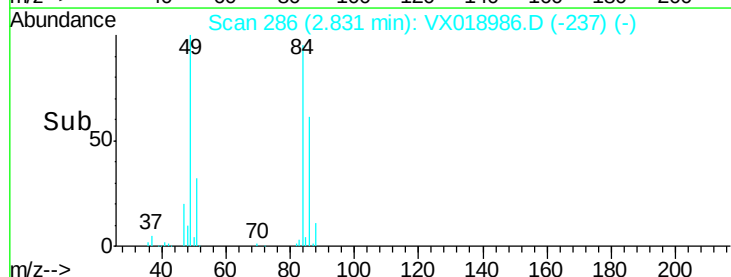
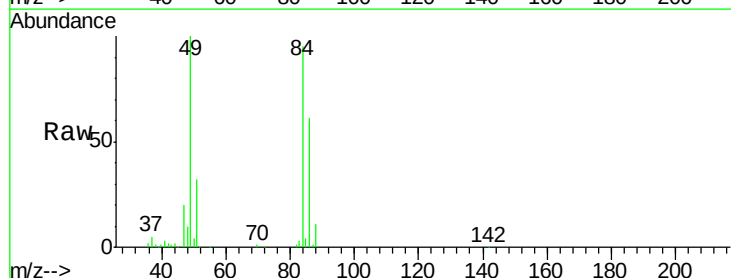
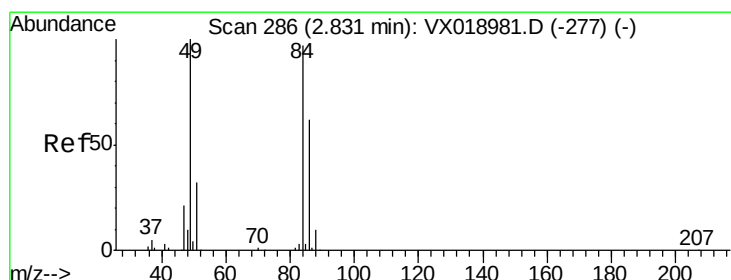
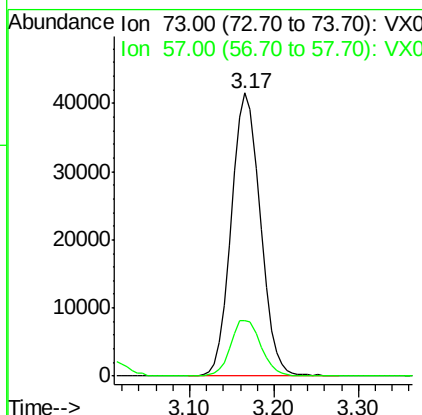
#19
Methyl tert-butyl Ether
Concen: 18.931 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Tot Ion: 73 Resp: 97240
Ion Ratio Lower Upper
73 100
57 19.7 16.2 24.2

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBS01

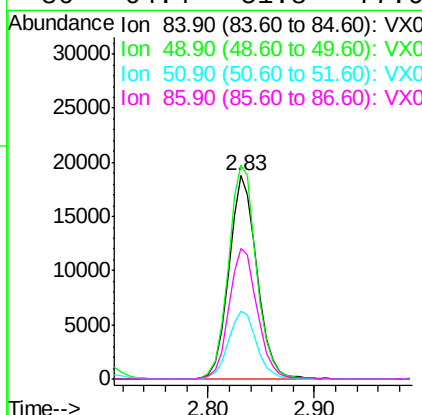
Manual Integrations
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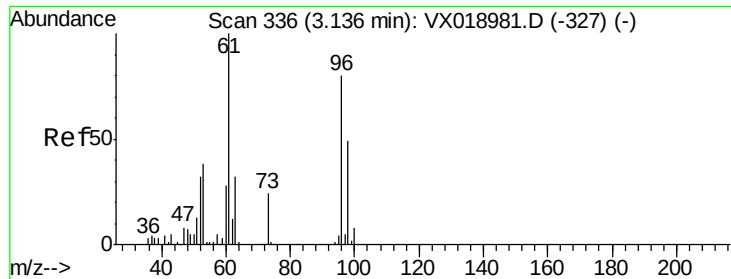
MMDadoda
10/21/2020 1:04:56 PM



#20
Methylene Chloride
Concen: 18.656 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Tgt Ion: 84 Resp: 34516
Ion Ratio Lower Upper
84 100
49 105.2 82.9 124.3
51 33.4 26.4 39.6
86 64.4 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 18.650 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

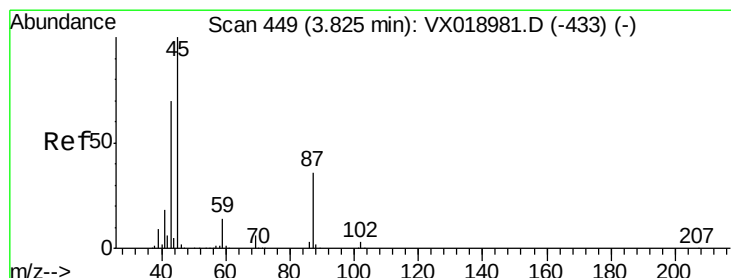
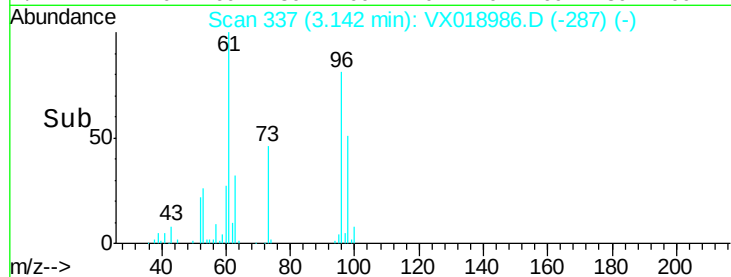
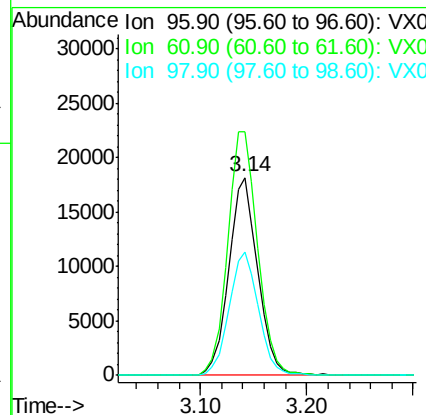
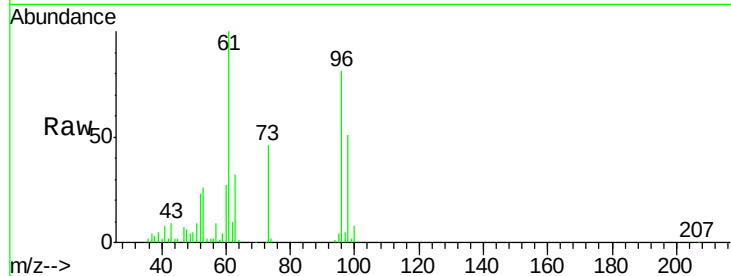
ClientSampleId :

VX1020WBS01

Tot Ion:	96	Resp:	34467
Ion	Ratio	Lower	Upper
96	100		
61	123.0	99.8	149.8
98	62.6	49.1	73.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.279 ug/l

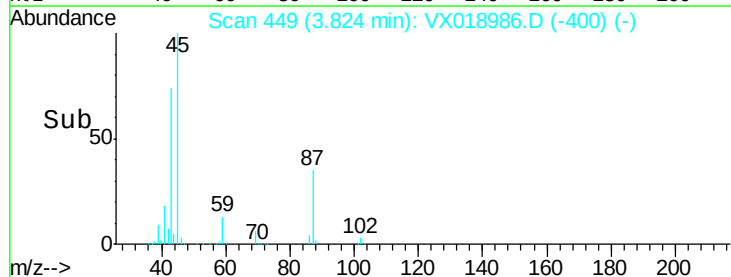
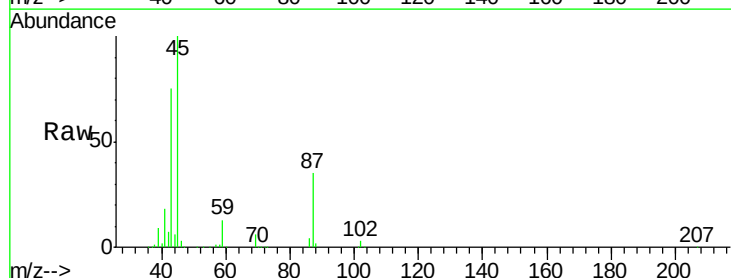
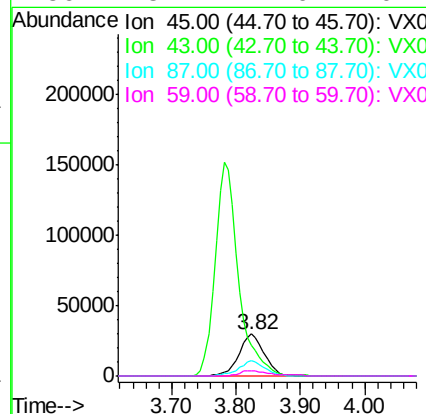
RT: 3.82 min Scan# 449

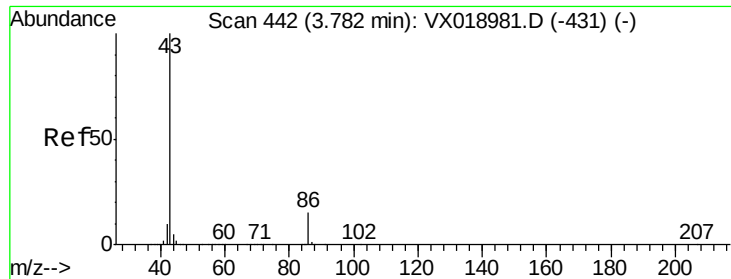
Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Tgt Ion:	45	Resp:	81140
Ion	Ratio	Lower	Upper
45	100		
43	73.7	56.1	84.1
87	35.3	29.2	43.8
59	13.1	11.0	16.4





#23

Vinyl Acetate

Concen: 97.116 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBS01

Tot Ion: 43 Resp: 385500

Ion Ratio Lower Upper

43 100

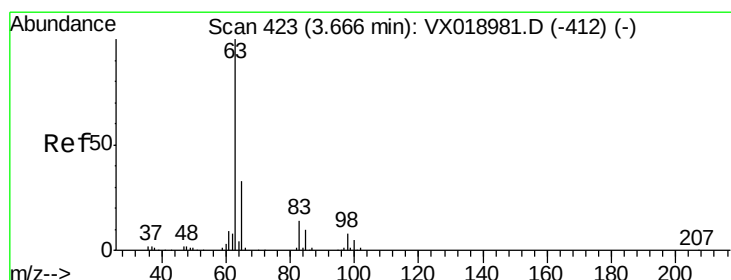
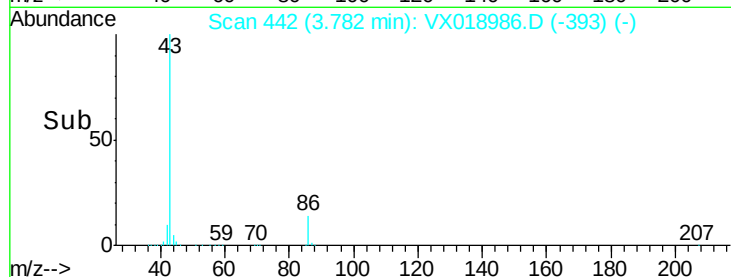
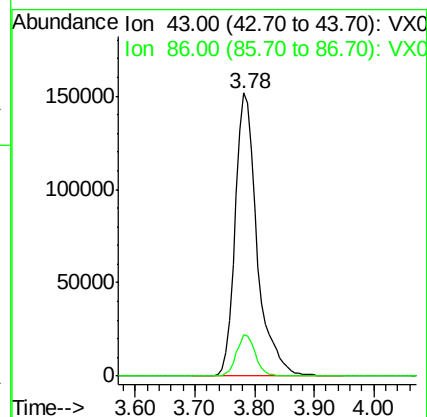
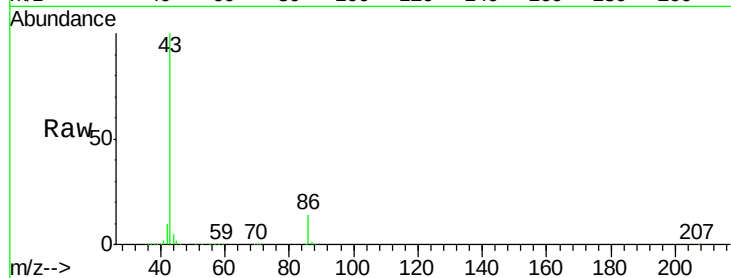
86 14.5 11.8 17.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 19.523 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

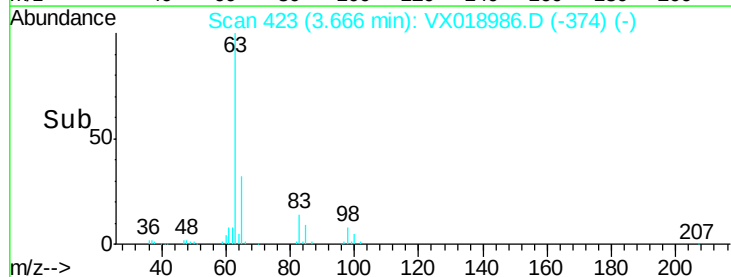
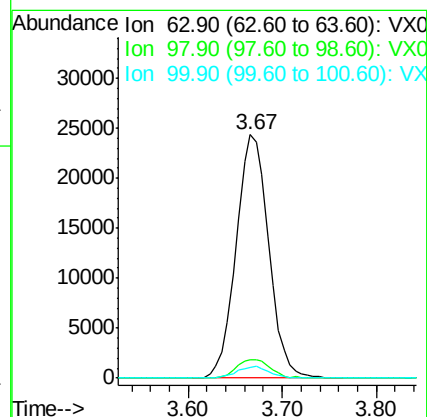
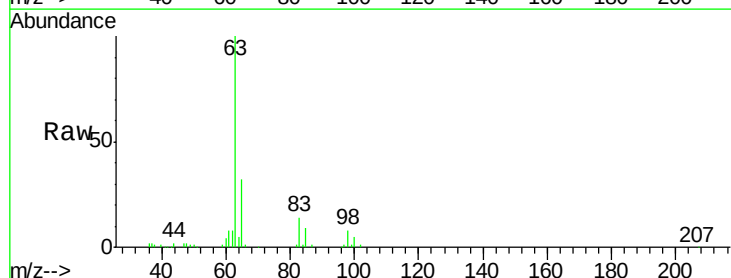
Tgt Ion: 63 Resp: 58668

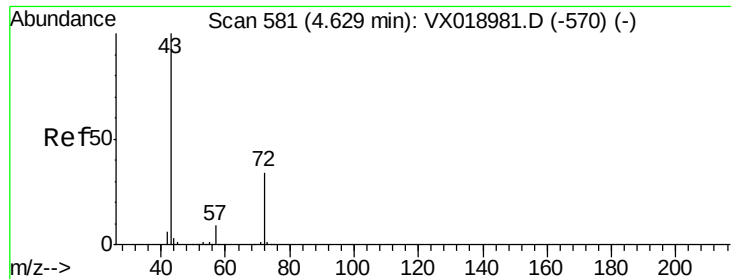
Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.5

100 4.6 2.4 7.1





#25

2-Butanone

Concen: 98.978 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBS01

Tot Ion: 43 Resp: 114478

Ion Ratio Lower Upper

43 100

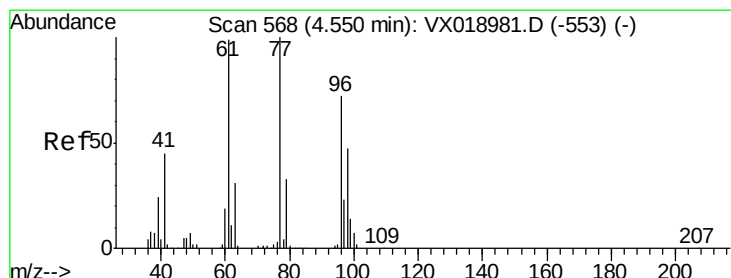
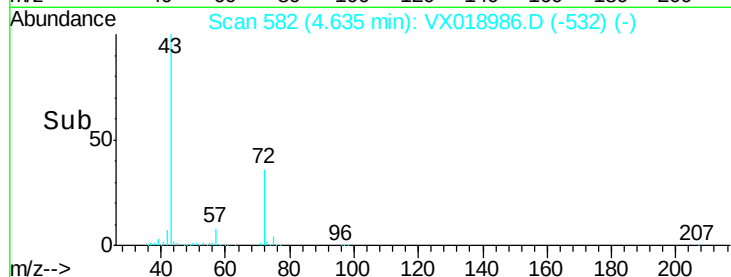
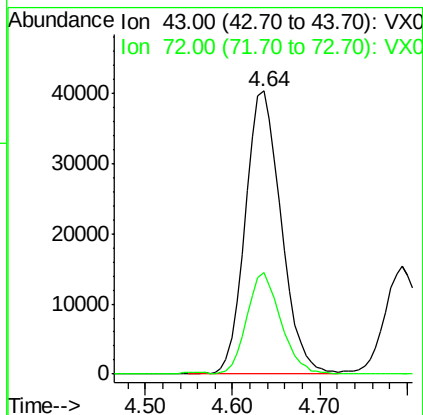
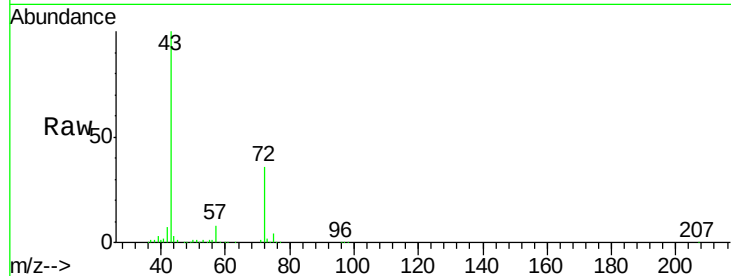
72 35.8 27.3 40.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.461 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018986.D

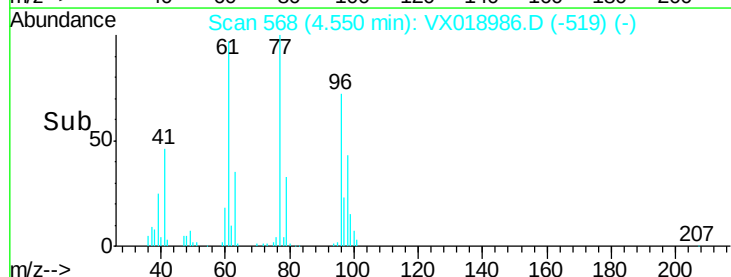
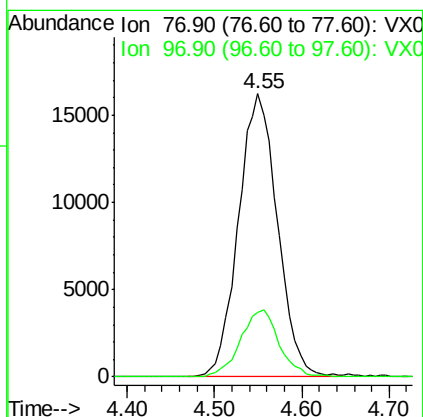
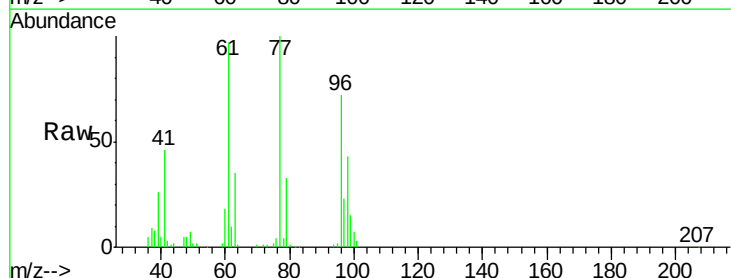
Acq: 20 Oct 2020 20:22

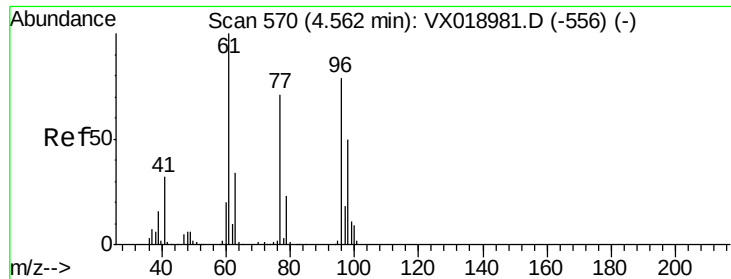
Tgt Ion: 77 Resp: 50326

Ion Ratio Lower Upper

77 100

97 23.3 11.5 34.4





#27

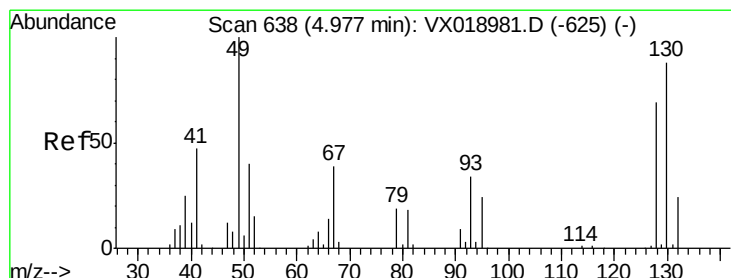
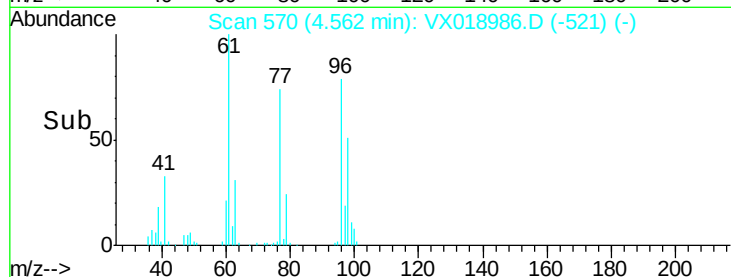
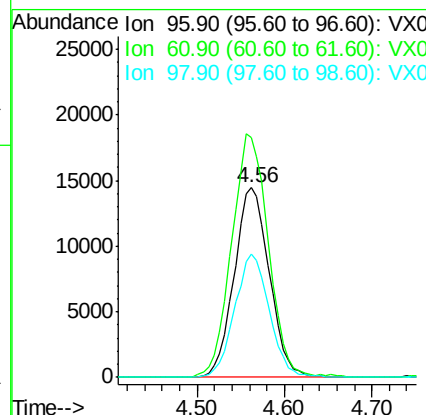
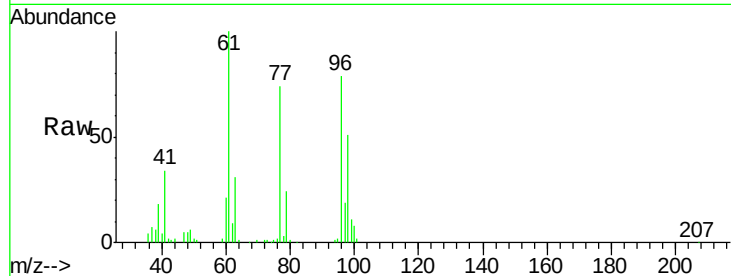
cis-1,2-Dichloroethene
 Concen: 18.708 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX018986.D
 Acq: 20 Oct 2020 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.8	0.0	266.2
98	63.9	0.0	128.6

Manual Integrations
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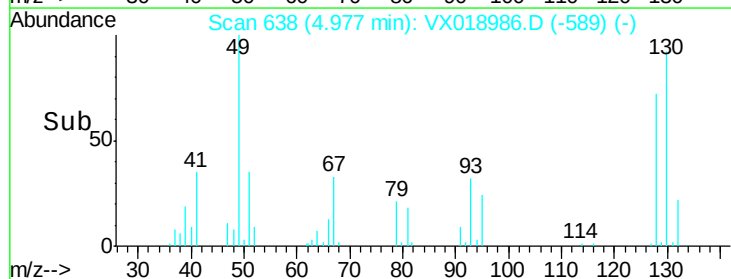
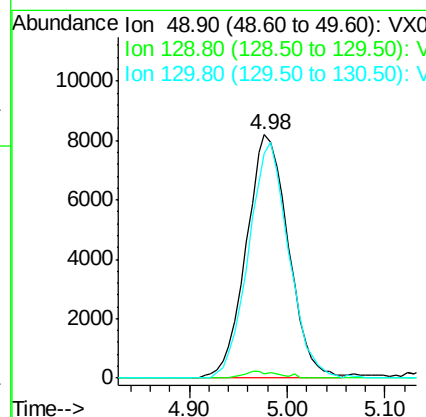
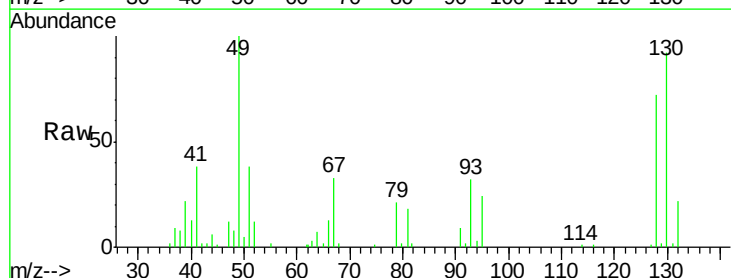
MMDadoda
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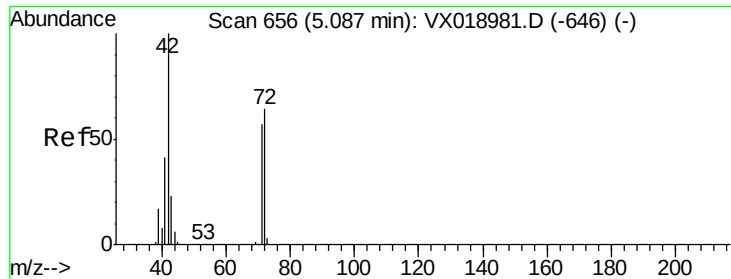


#28

Bromochloromethane
 Concen: 18.912 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: VX018986.D
 Acq: 20 Oct 2020 20:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.8
130	92.0	74.0	111.0





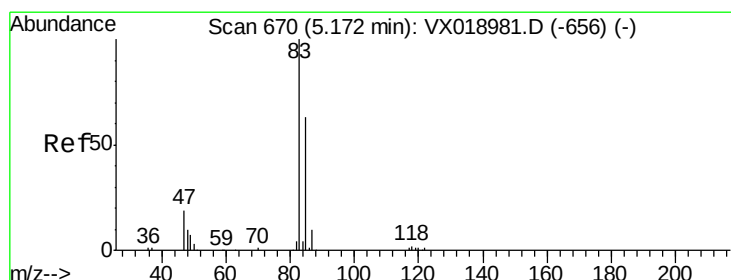
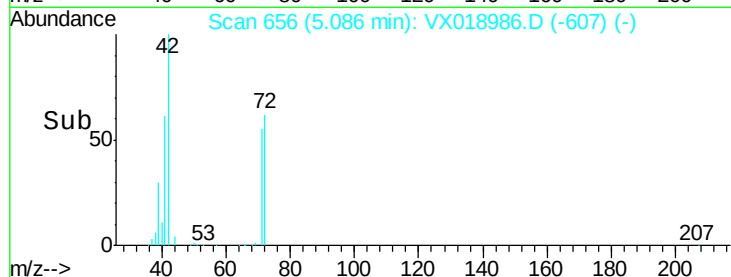
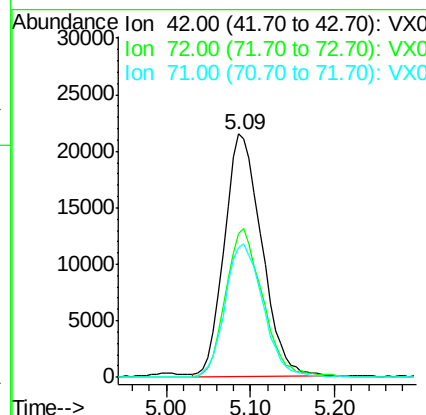
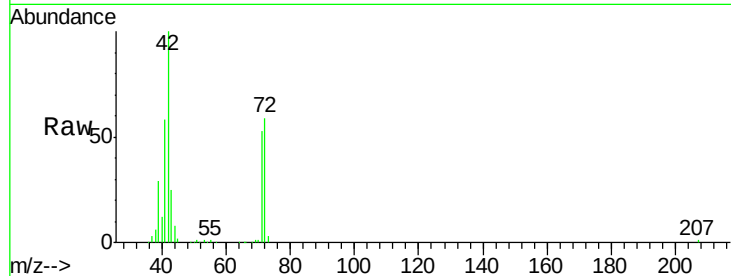
#29
Tetrahydrofuran
Concen: 95.259 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	61.4	49.2	73.8
71	55.8	45.3	67.9

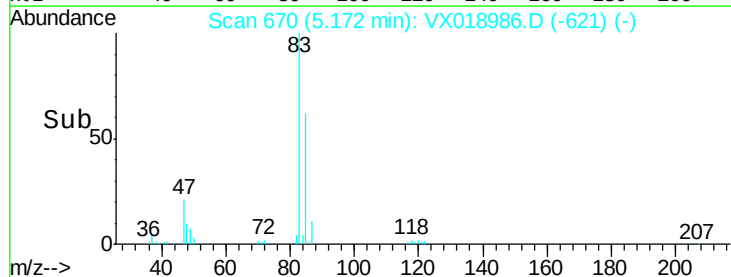
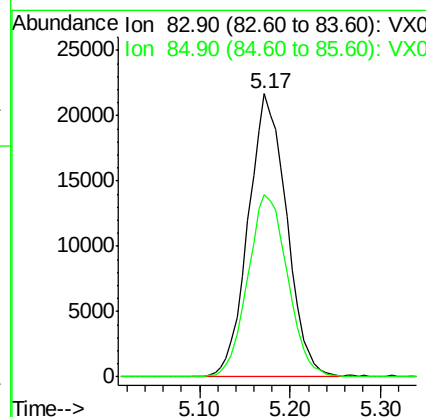
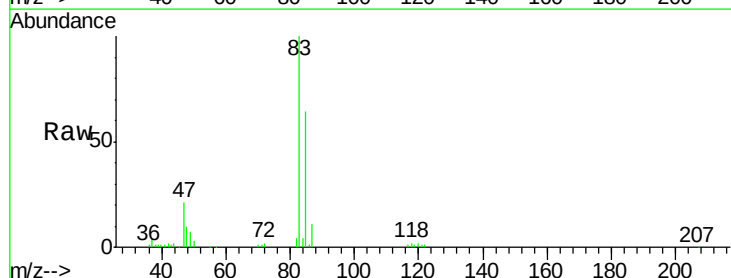
Manual Integrations
APPROVED

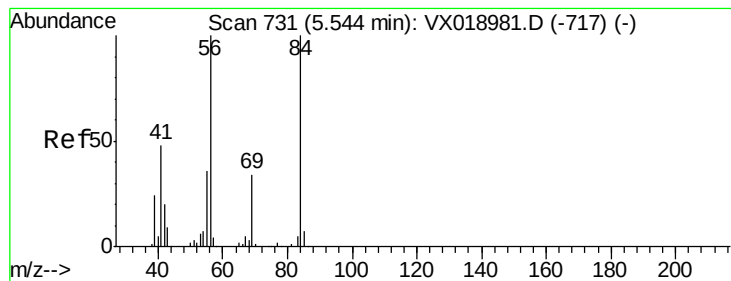
MMDadoda
10/21/2020 1:04:56 PM



#30
Chloroform
Concen: 18.946 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.1	75.1





#31

Cyclohexane

Concen: 18.485 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

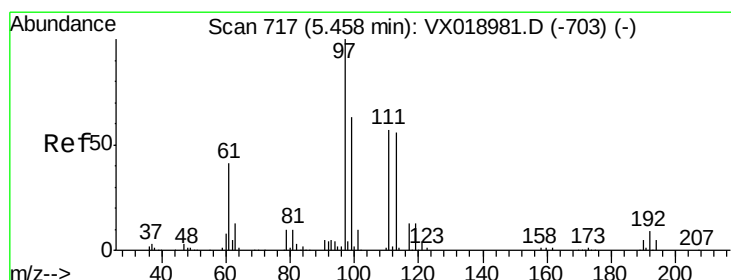
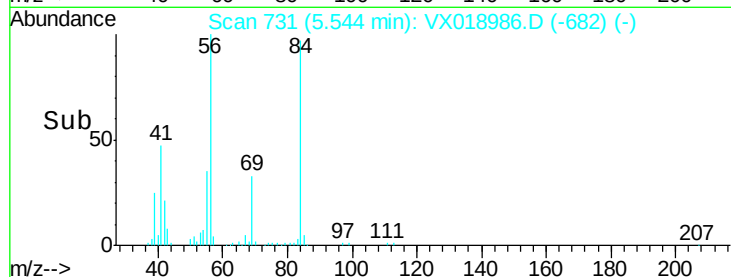
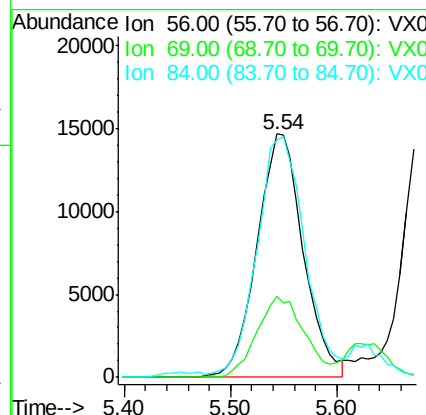
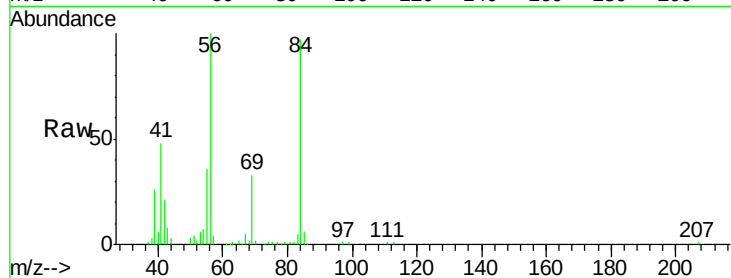
ClientSampleId :

VX1020WBS01

Tot Ion:	56	Resp:	44435
Ion	Ratio	Lower	Upper
56	100		
69	33.1	27.1	40.7
84	95.4	80.4	120.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.837 ug/l

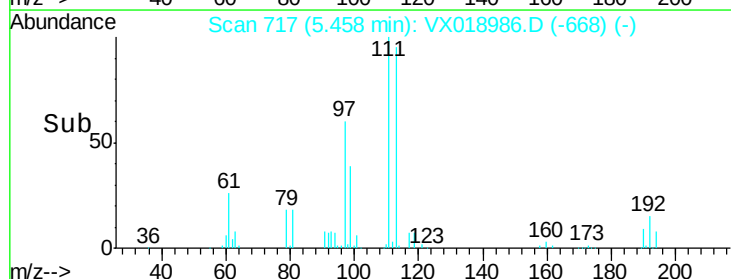
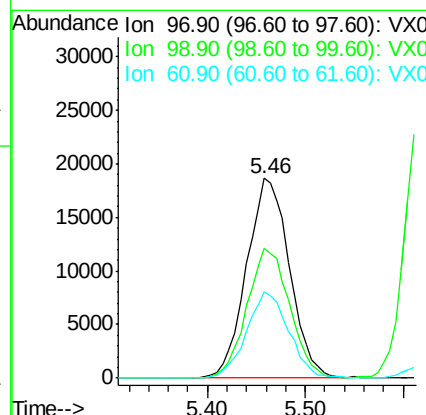
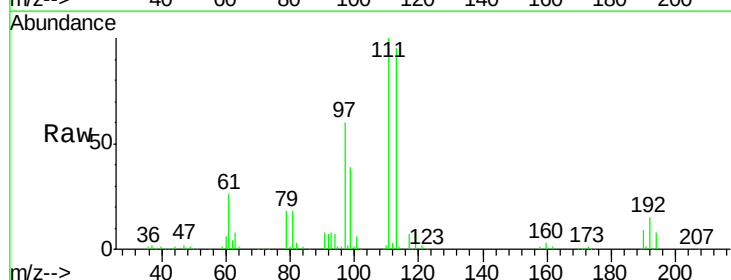
RT: 5.46 min Scan# 717

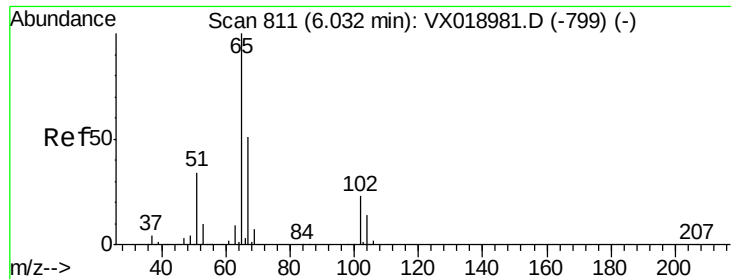
Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Tgt Ion:	97	Resp:	56739
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.1	76.7
61	42.6	32.5	48.7





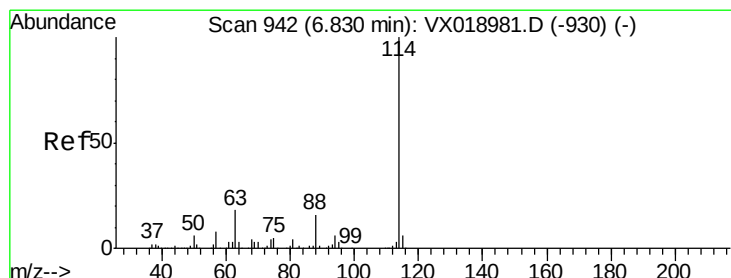
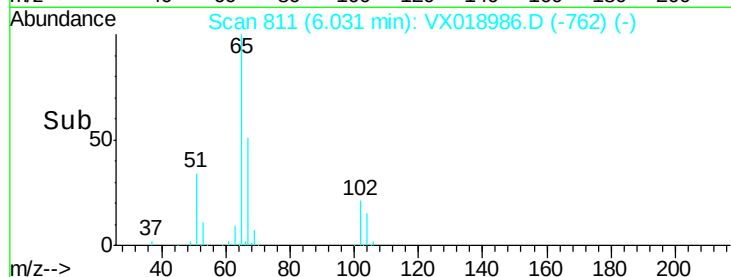
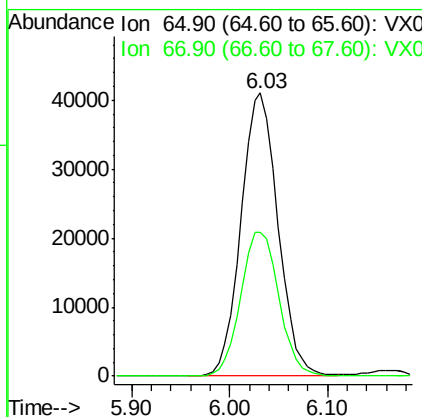
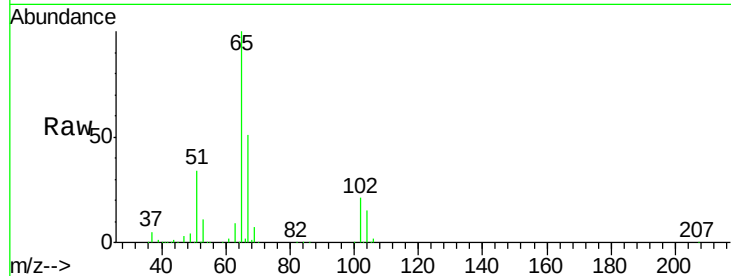
#33
 1,2-Dichloroethane-d4
 Concen: 52.340 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018986.D
 Acq: 20 Oct 2020 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	107624		
67	52.8	0.0	105.4	

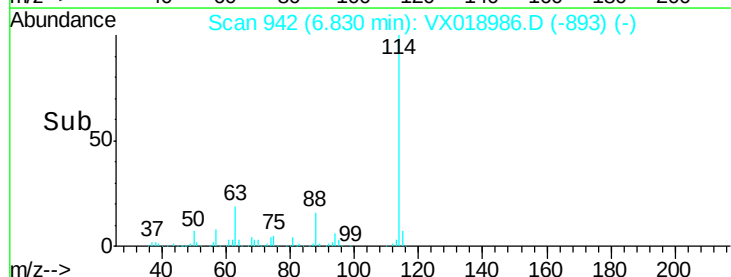
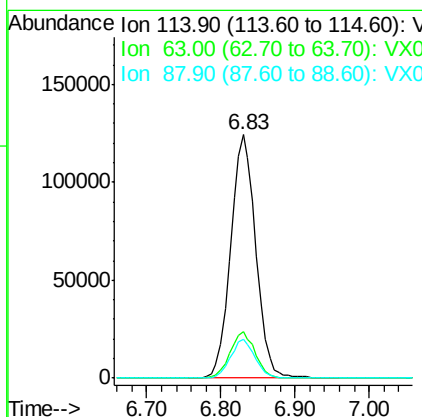
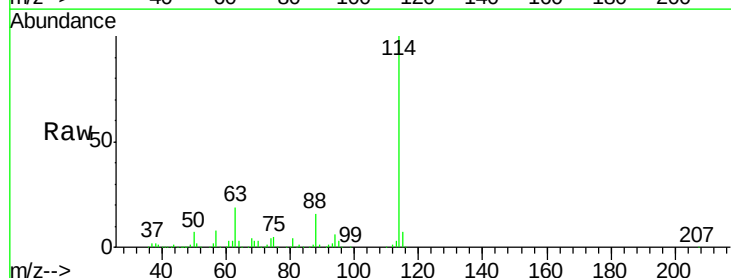
Manual Integrations
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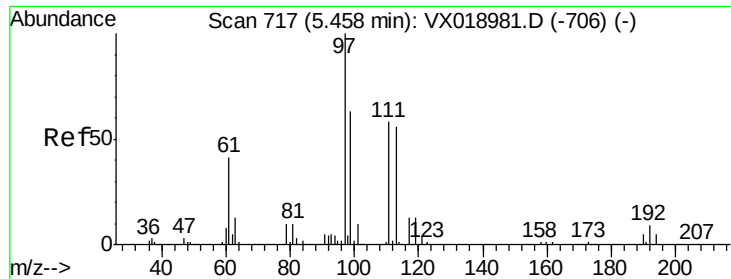
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX018986.D
 Acq: 20 Oct 2020 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	292373		
63	19.1	0.0	36.8	
88	15.9	0.0	31.8	





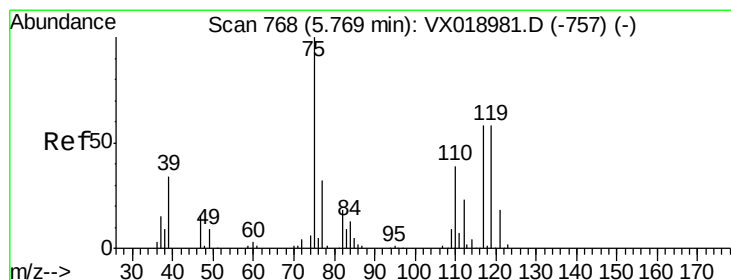
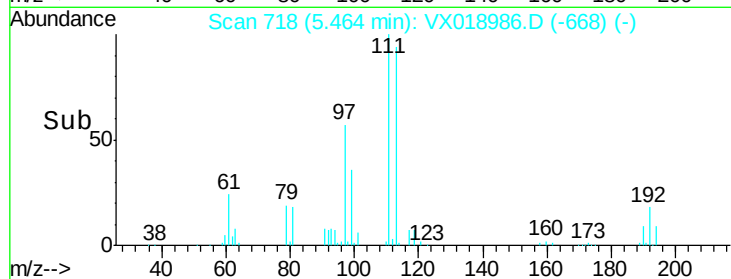
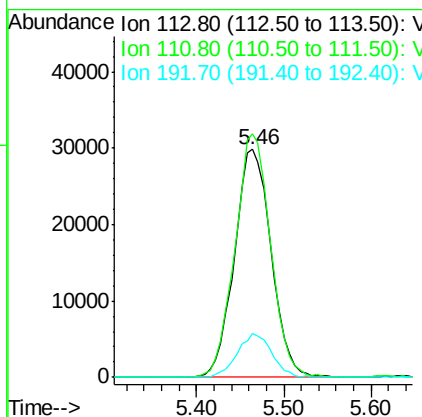
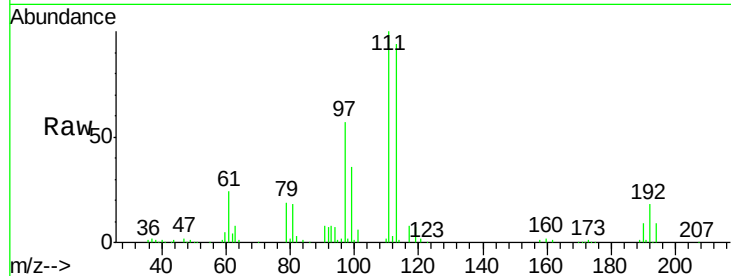
#35
 Dibromofluoromethane
 Concen: 47.120 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX018986.D
 Acq: 20 Oct 2020 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	87071		
111	103.9		84.1	126.1
192	18.1		14.7	22.1

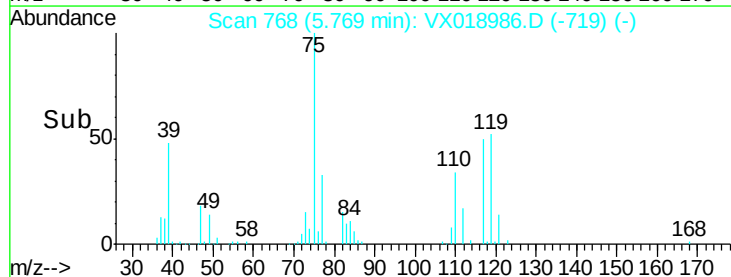
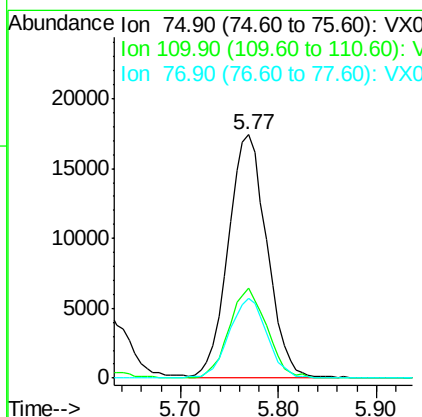
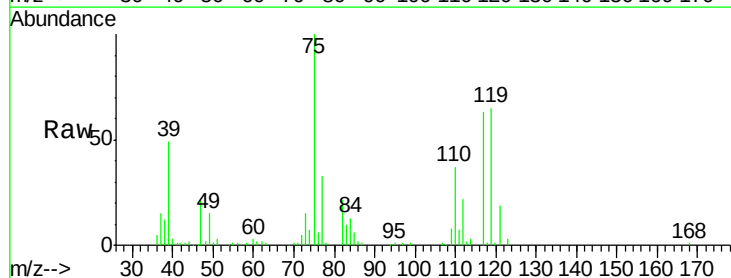
Manual Integrations
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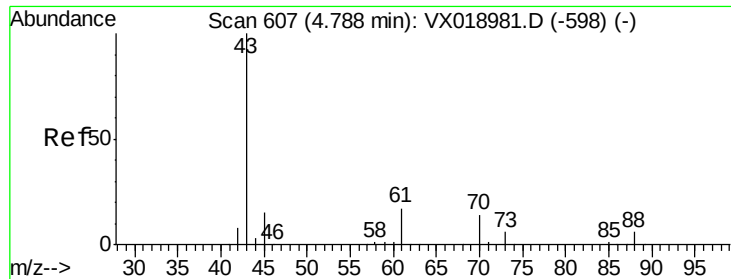
MMDadoda
 10/21/2020 1:04:56 PM



#36
 1,1-Dichloropropene
 Concen: 17.530 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX018986.D
 Acq: 20 Oct 2020 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	47899		
110	36.0		18.6	55.6
77	32.1		25.0	37.4





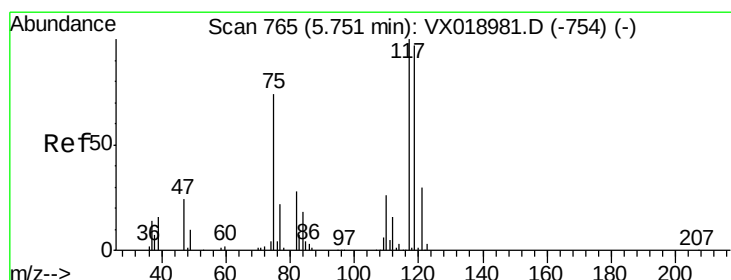
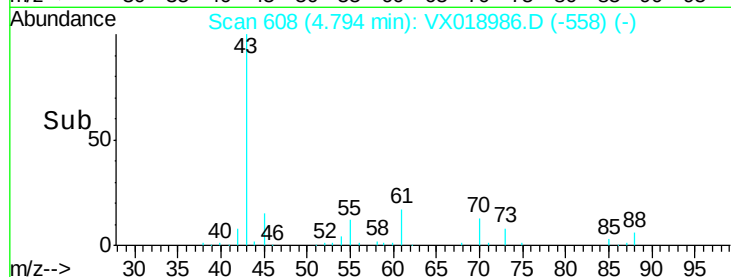
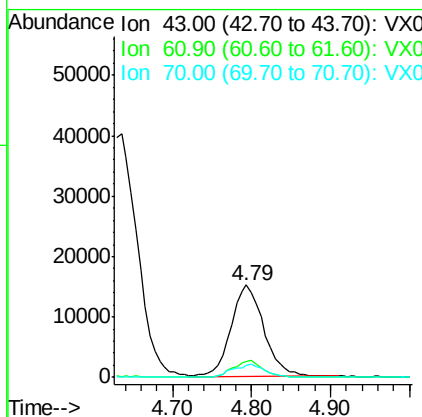
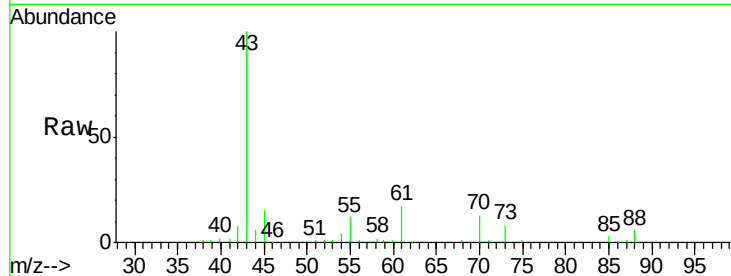
#37
Ethyl Acetate
Concen: 18.552 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Instrument :
MSVOA_X
ClientSampled :
VX1020WBS01

Tot Ion	43	Resp	43822
Ion Ratio	100	Lower	Upper
43	100		
61	16.7	13.5	20.3
70	14.4	11.4	17.2

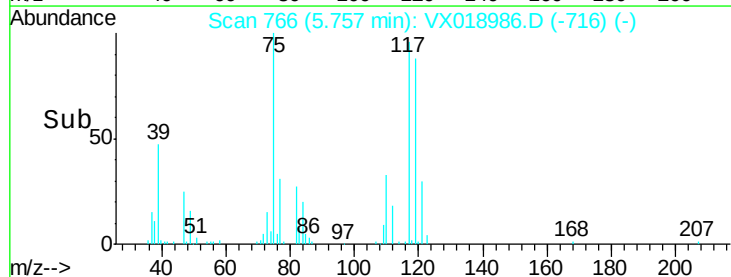
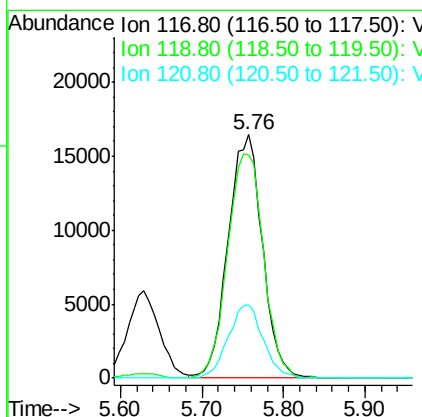
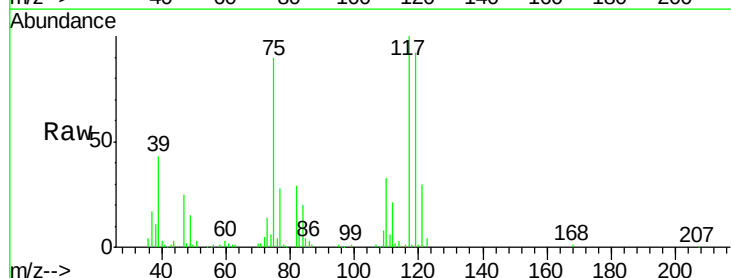
Manual Integrations
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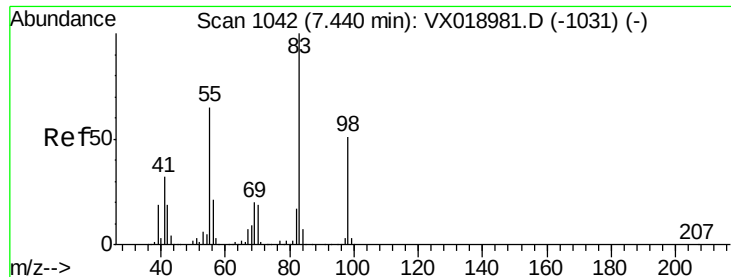
MMDadoda
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#38
Carbon Tetrachloride
Concen: 17.378 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Tgt Ion	117	Resp	47785
Ion Ratio	100	Lower	Upper
117	100		
119	91.8	77.6	116.4
121	30.3	23.9	35.9





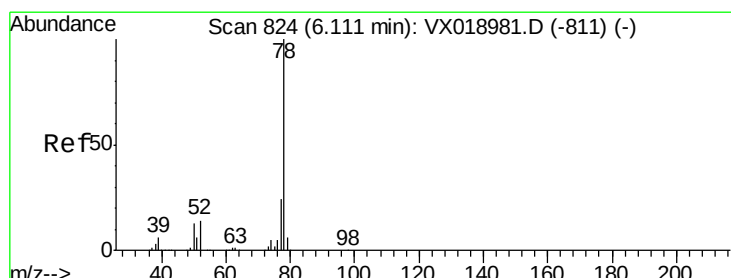
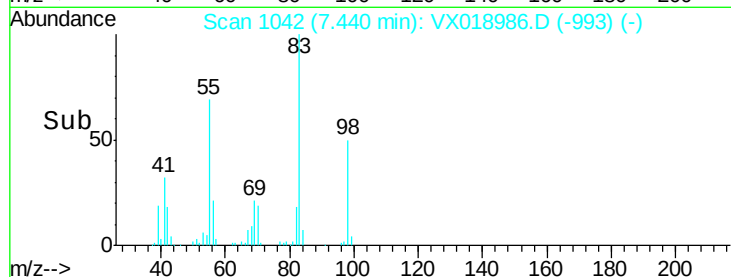
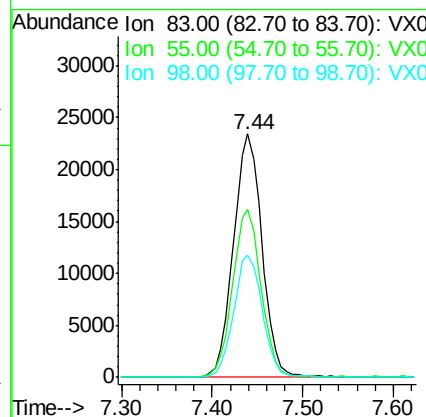
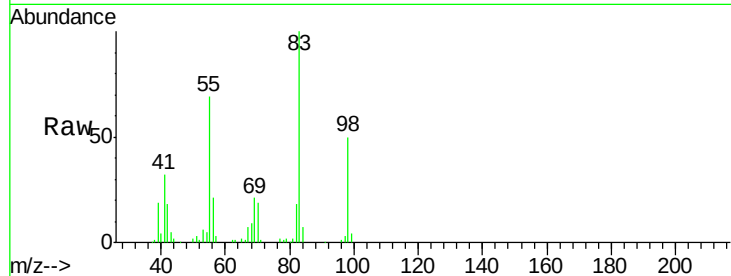
#39
Methylvlcyclohexane
Concen: 17.368 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBS01

Tot Ion	83	Resp	51271
Ion	Ratio	Lower	Upper
83	100		
55	69.1	52.2	78.4
98	49.9	40.8	61.2

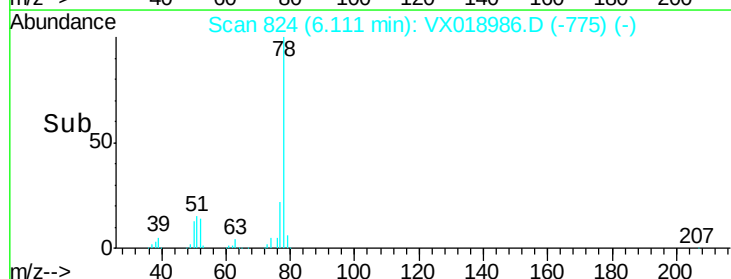
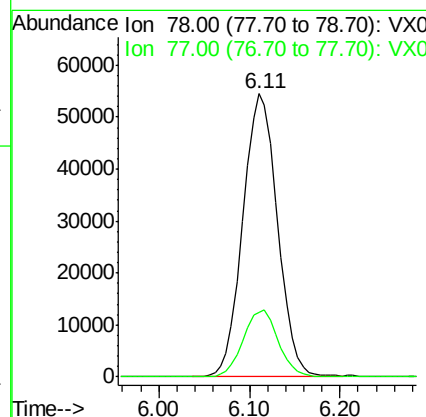
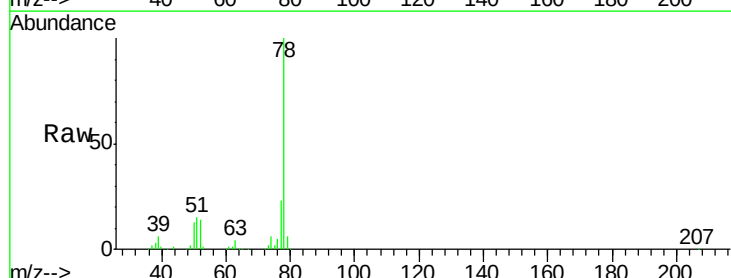
Manual Integrations
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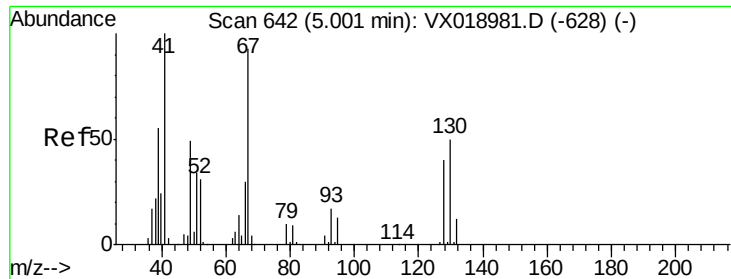
MMDadoda
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#40
Benzene
Concen: 18.146 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Tgt Ion	78	Resp	144225
Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.5	29.3





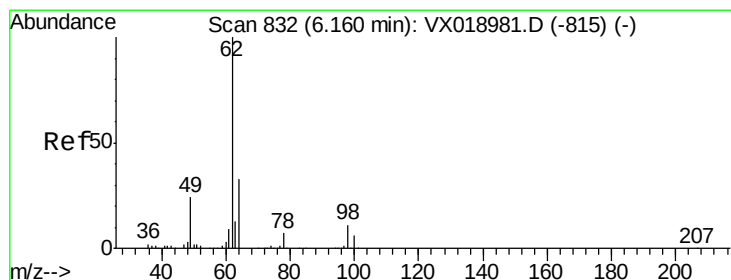
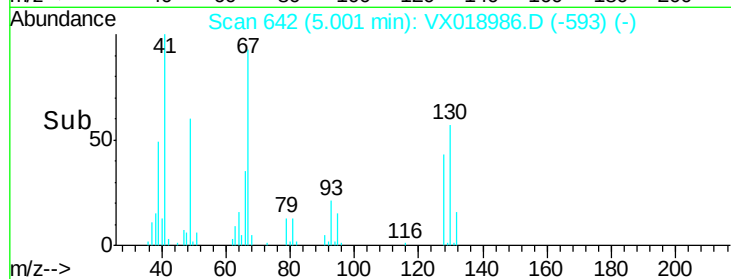
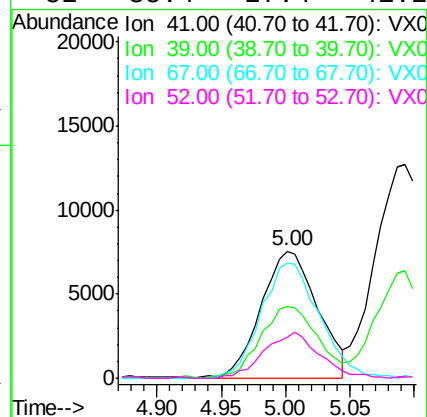
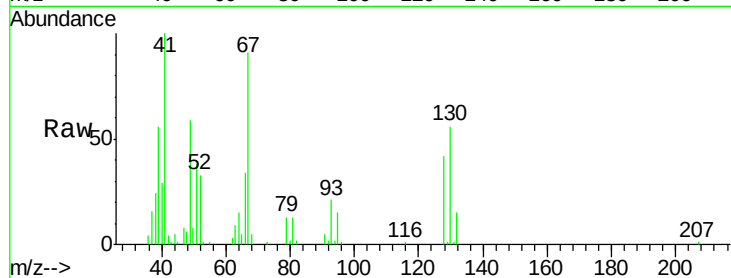
#41
Methacrylonitrile
Concen: 18.275 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBS01

Tot Ion	Ion	Ratio	Lower	Upper
23077	41	100		
	39	57.2	44.3	66.5
	67	93.2	74.7	112.1
	52	35.4	27.4	41.2

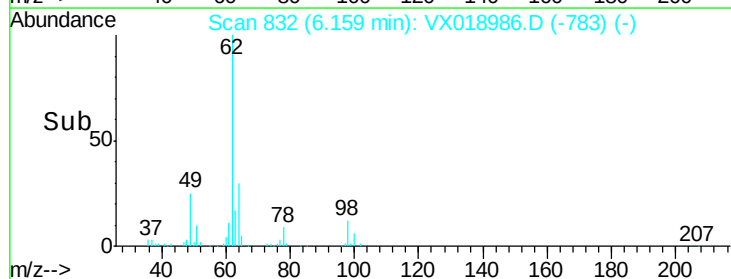
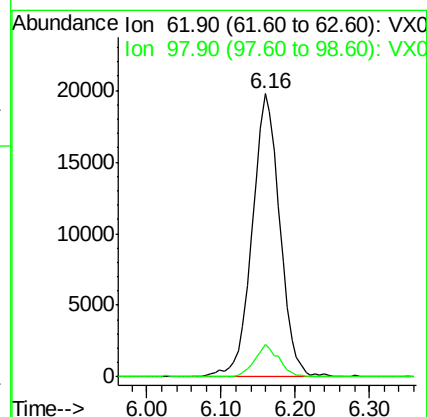
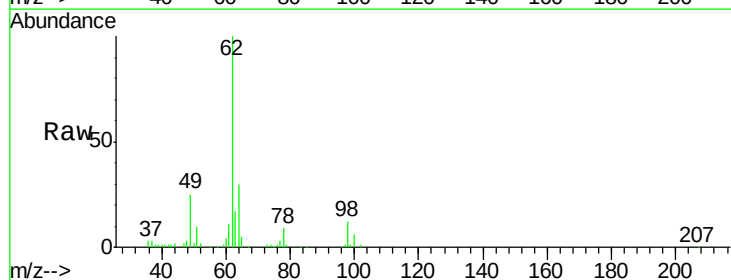
Manual Integrations
APPROVED

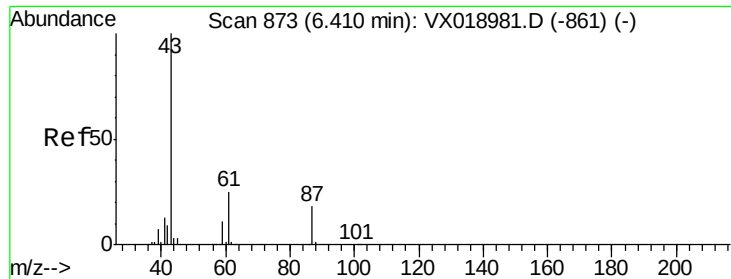
MMDadoda
10/21/2020 1:04:56 PM



#42
1,2-Dichloroethane
Concen: 18.912 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Tgt Ion	Ion	Ratio	Lower	Upper
51555	62	100		
	98	10.0	0.0	20.4





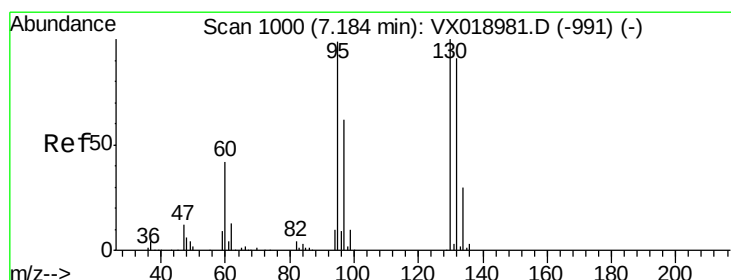
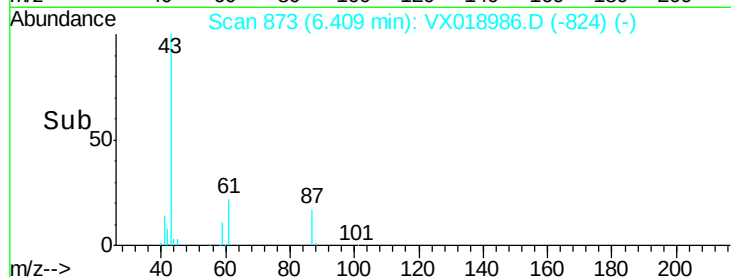
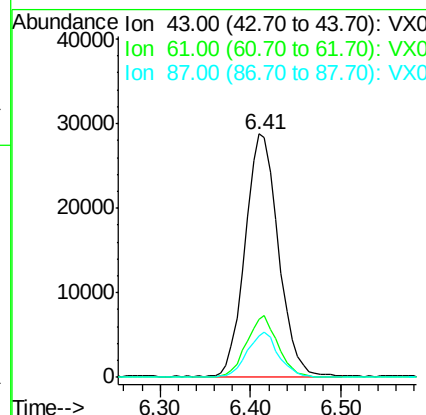
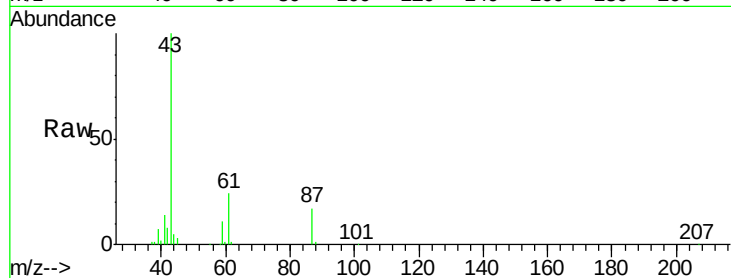
#43
Isopropyl Acetate
Concen: 18.283 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	24.2	19.3	28.9
87	17.7	14.3	21.5

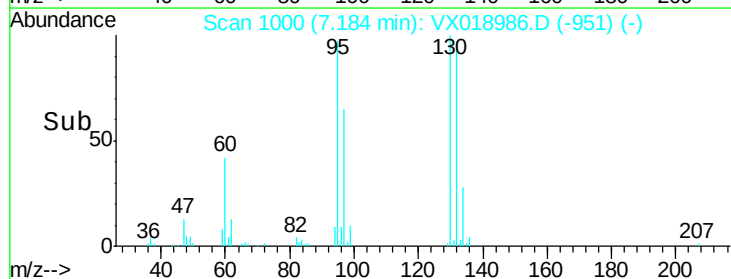
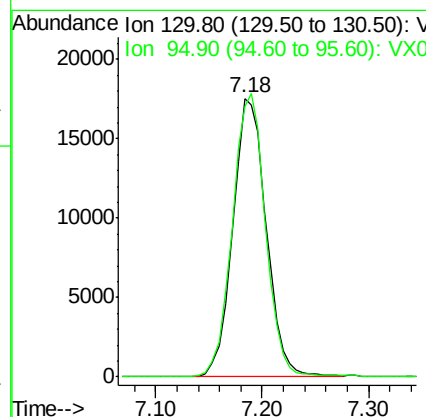
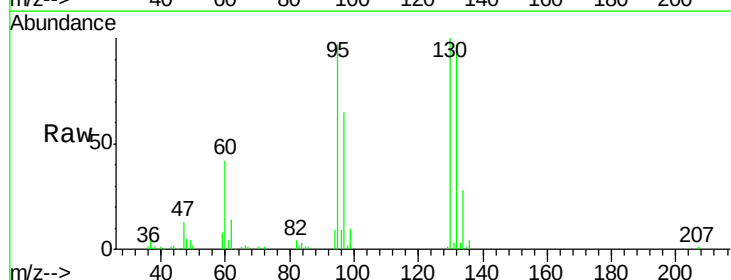
Manual Integrations
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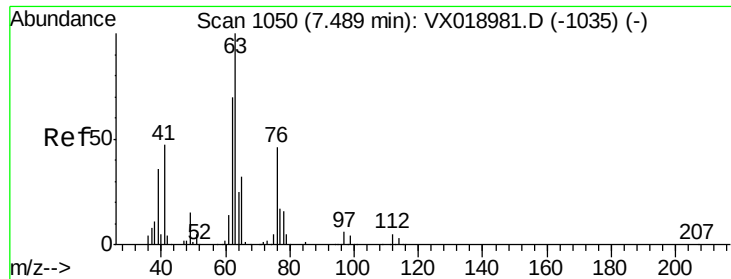
MMDadoda
10/21/2020 1:04:56 PM



#44
Trichloroethene
Concen: 17.532 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.4	0.0	198.2





#45

1,2-Dichloropropane

Concen: 18.192 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBS01

Tot Ion: 63 Resp: 35198

Ion Ratio Lower Upper

63 100

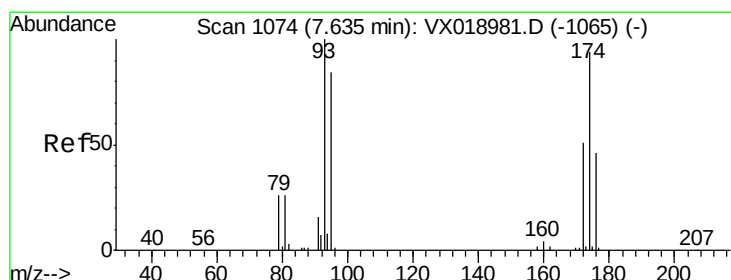
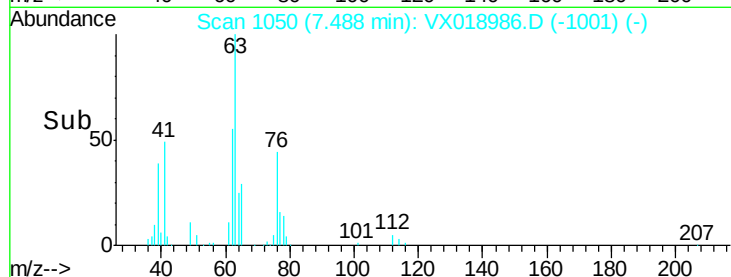
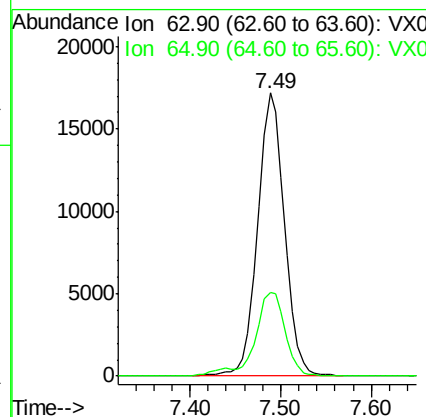
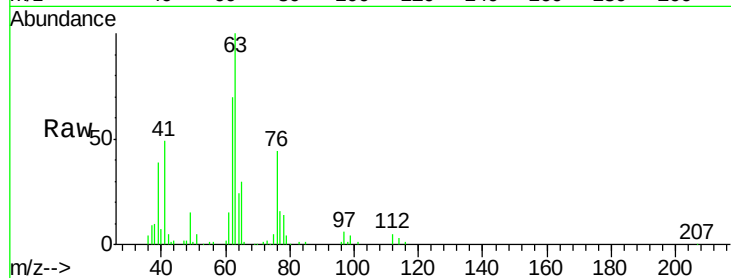
65 29.7 25.8 38.6

Manual Integrations

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#46

Dibromomethane

Concen: 17.873 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

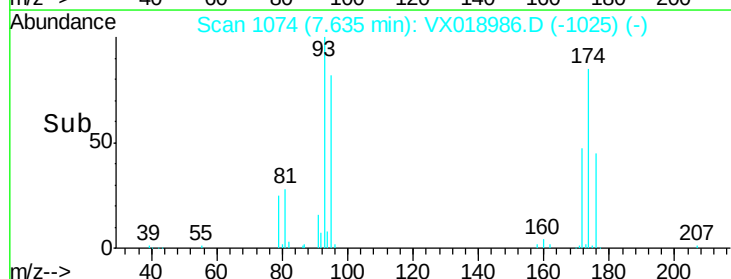
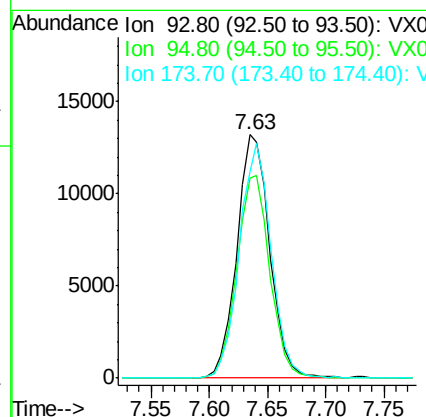
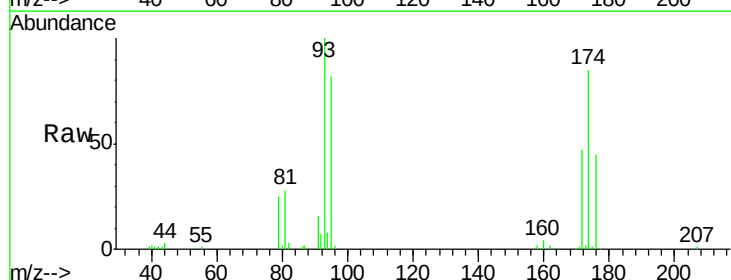
Tgt Ion: 93 Resp: 25954

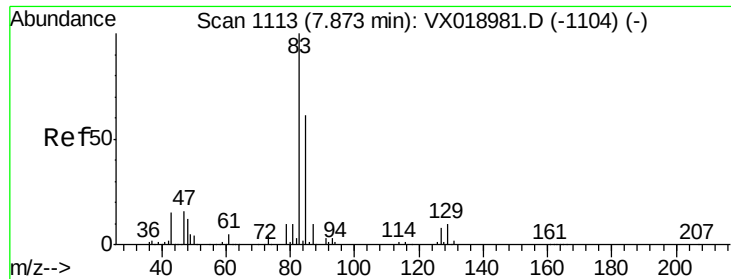
Ion Ratio Lower Upper

93 100

95 83.6 66.2 99.4

174 93.5 74.5 111.7





#47

Bromodichloromethane

Concen: 17.825 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

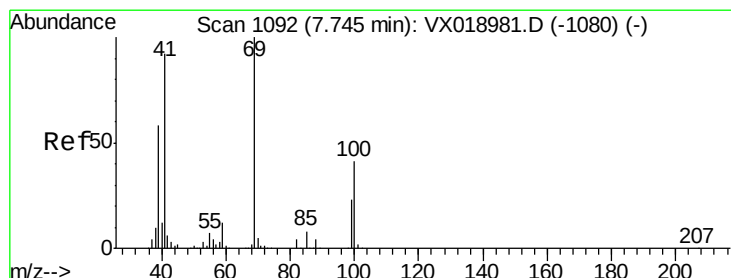
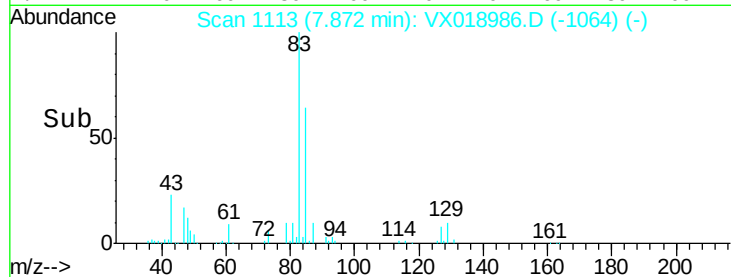
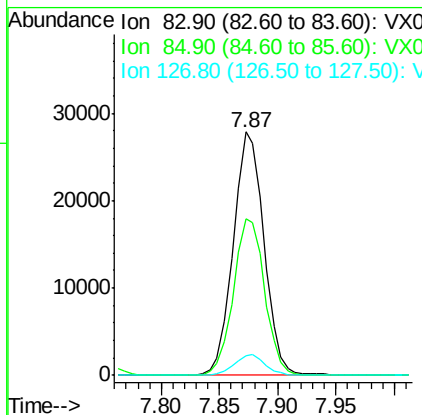
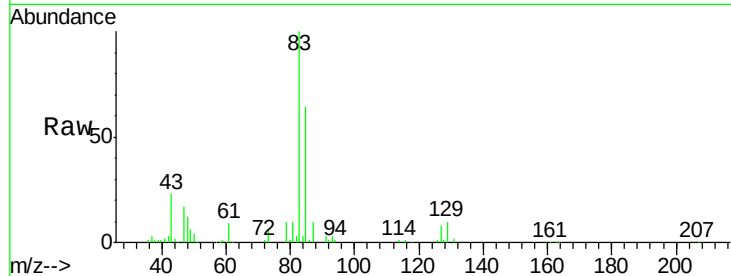
ClientSampleId :

VX1020WBS01

Tot Ion:	83	Resp:	51354
Ion	Ratio	Lower	Upper
83	100		
85	64.1	48.6	73.0
127	8.1	6.3	9.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.070 ug/l

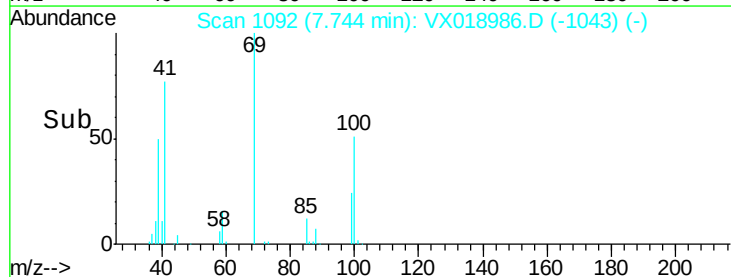
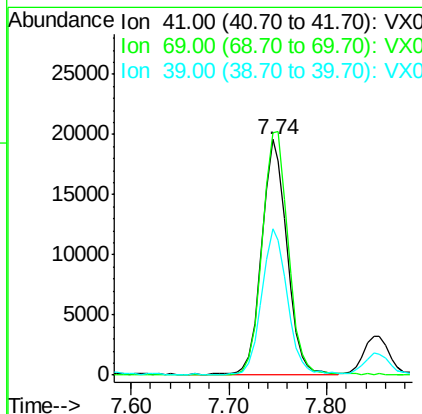
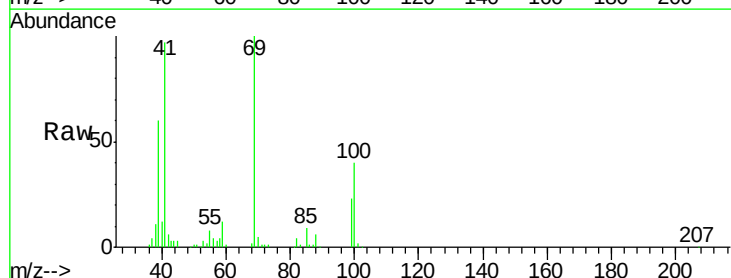
RT: 7.74 min Scan# 1092

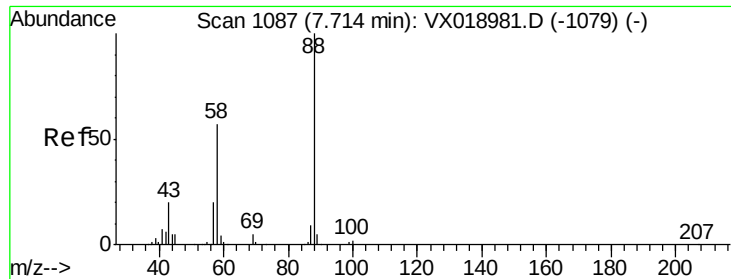
Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Tgt Ion:	41	Resp:	35511
Ion	Ratio	Lower	Upper
41	100		
69	105.2	88.0	132.0
39	62.6	49.9	74.9





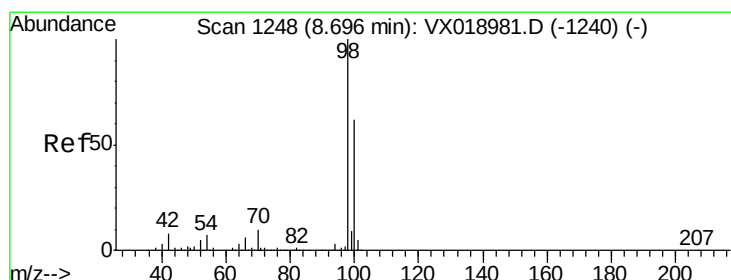
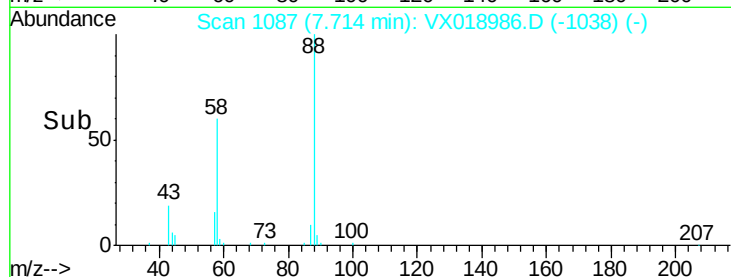
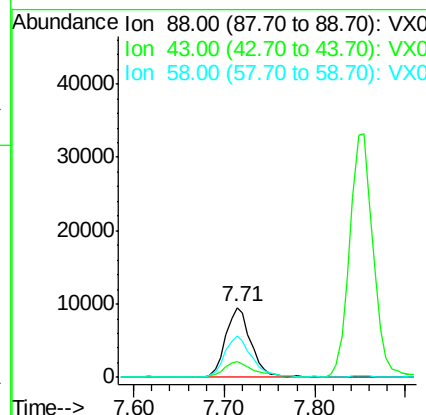
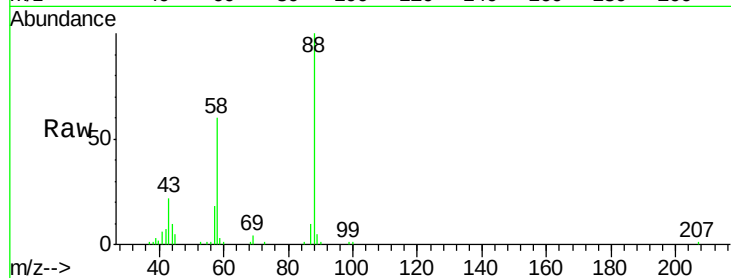
#49
1,4-Dioxane
Concen: 359.999 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.8	20.4	30.6
58	63.0	49.3	73.9

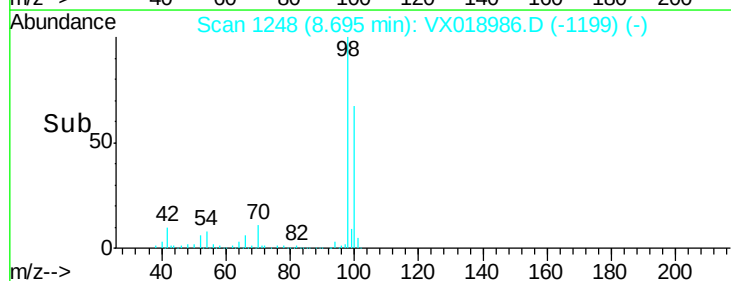
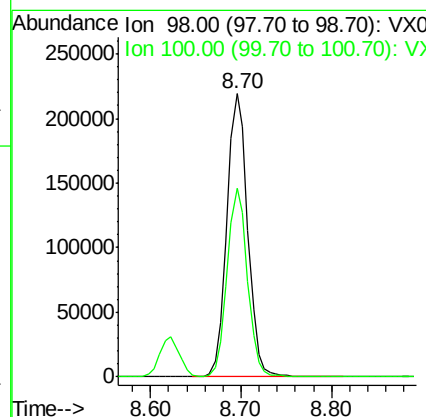
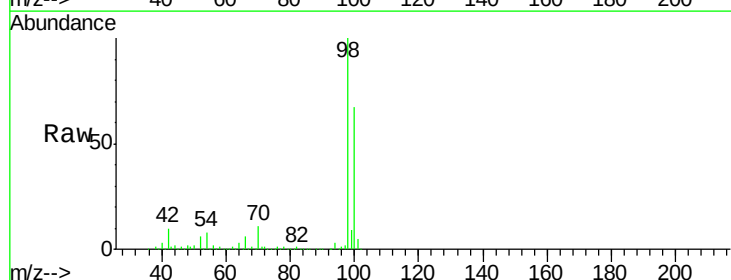
Manual Integrations
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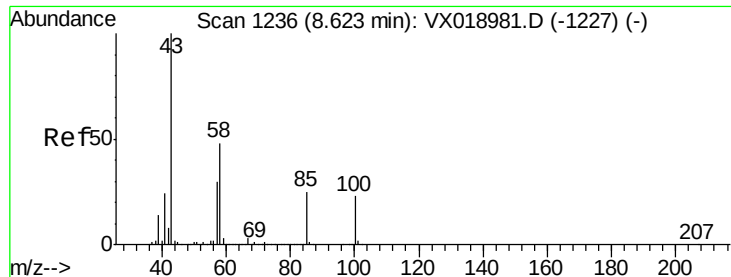
MMDadoda
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#50
Toluene-d8
Concen: 47.571 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 92.886 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBS01

Tot Ion: 43 Resp: 228285

Ion Ratio Lower Upper

43 100

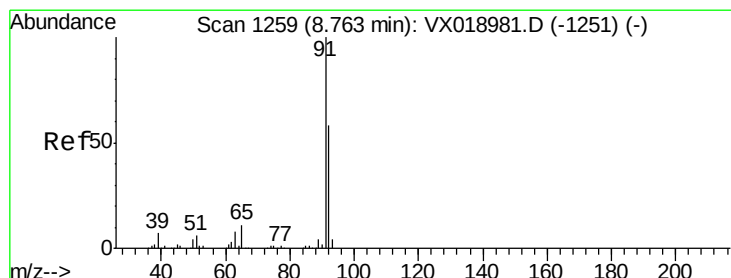
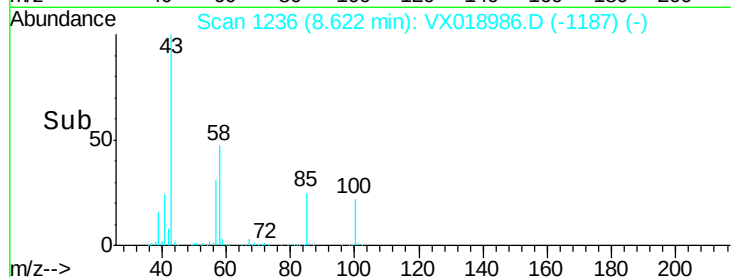
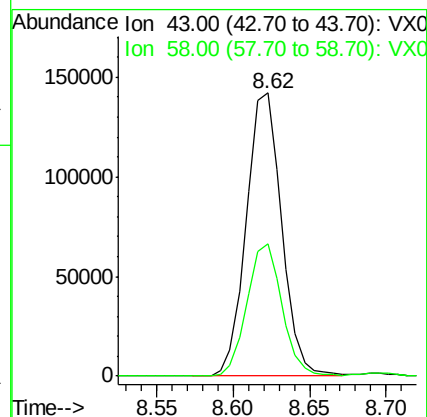
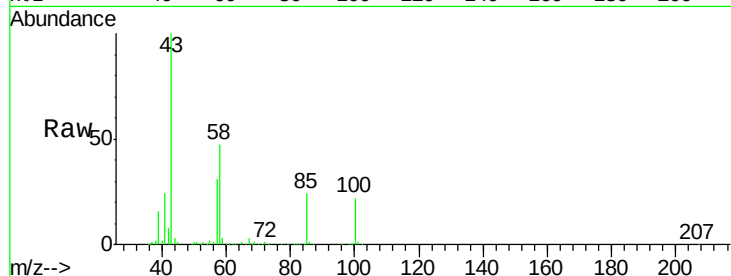
58 46.3 37.8 56.8

Manual Integrations

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#52

Toluene

Concen: 17.936 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX018986.D

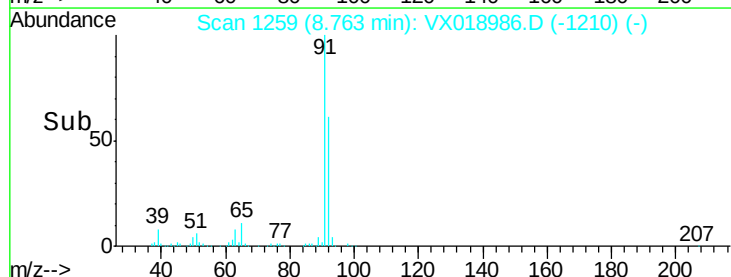
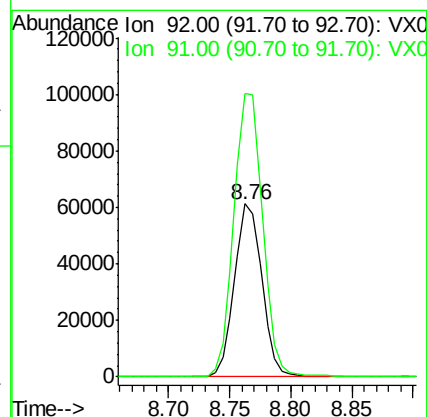
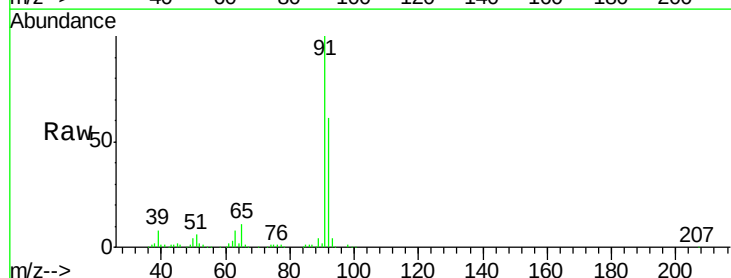
Acq: 20 Oct 2020 20:22

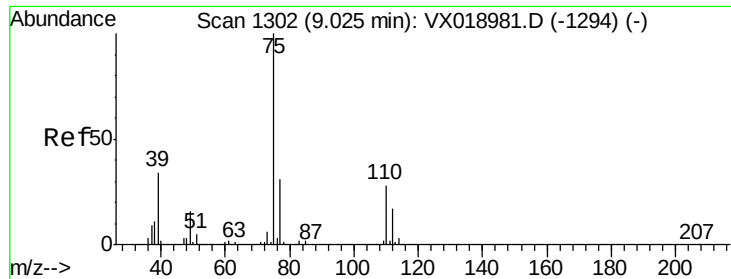
Tgt Ion: 92 Resp: 95364

Ion Ratio Lower Upper

92 100

91 171.2 136.5 204.7





#53

t-1,3-Dichloropropene

Concen: 17.591 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Tot Ion: 75 Resp: 57901

Ion Ratio Lower Upper

75 100

77 32.9 25.0 37.6

Instrument :

MSVOA_X

ClientSampleId :

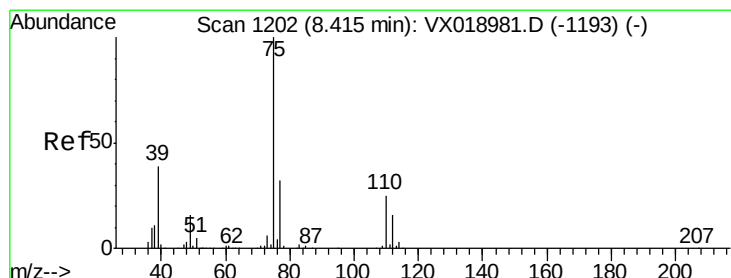
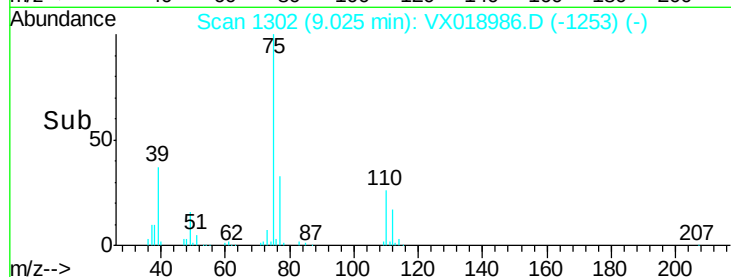
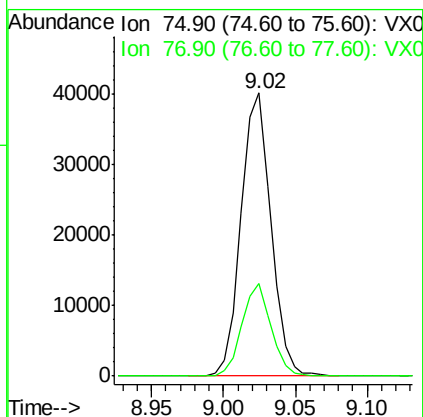
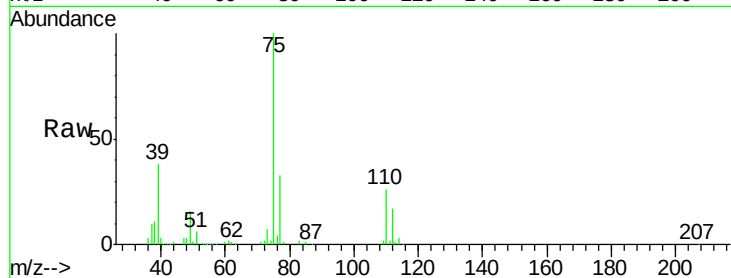
VX1020WBS01

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 17.907 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

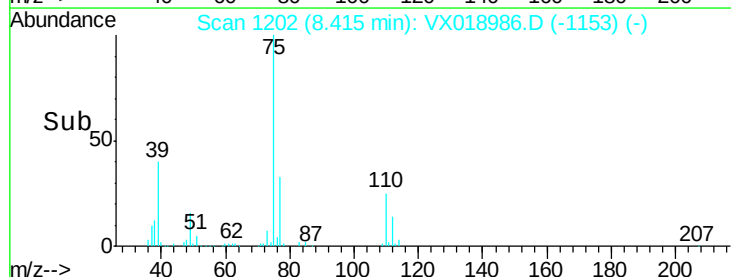
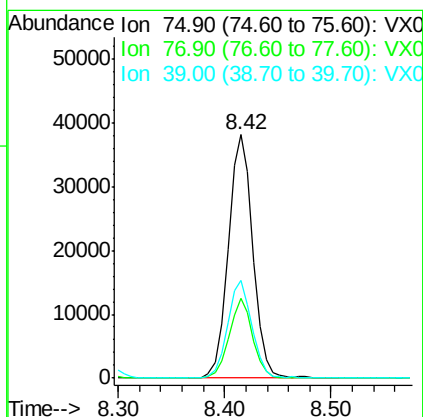
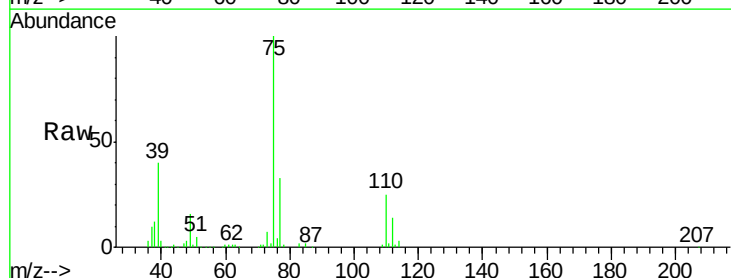
Tgt Ion: 75 Resp: 61254

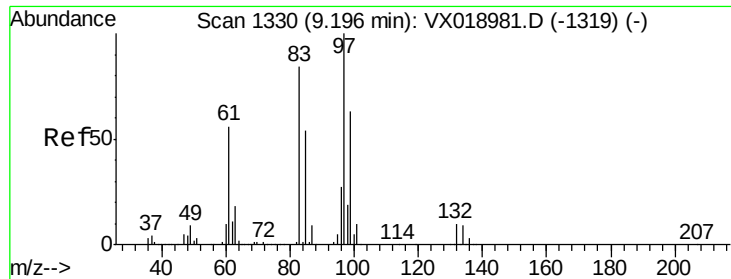
Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.0

39 40.3 31.3 46.9





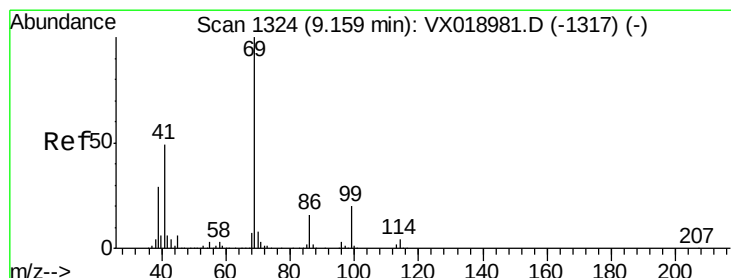
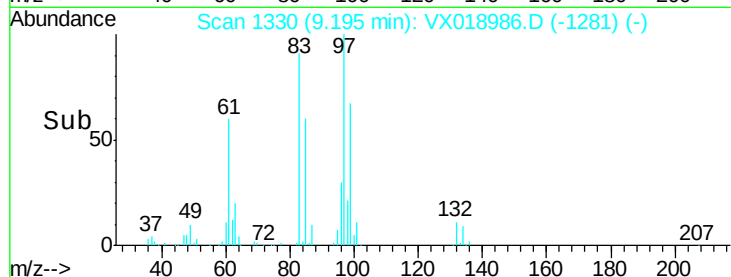
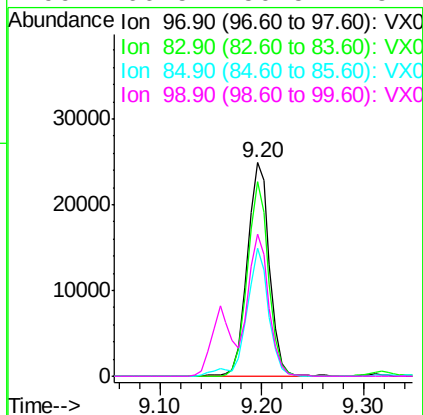
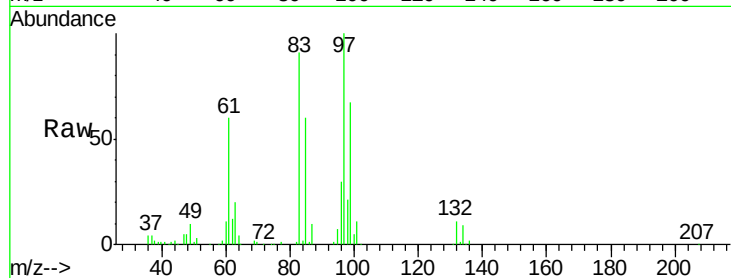
#55
 1,1,2-Trichloroethane
 Concen: 17.462 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018986.D
 Acq: 20 Oct 2020 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBS01

Tot Ion:	97	Resp:	37765
Ion	Ratio	Lower	Upper
97	100		
83	91.2	67.4	101.0
85	60.1	43.1	64.7
99	66.5	50.5	75.7

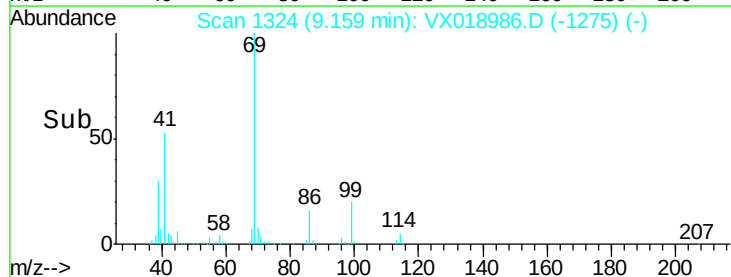
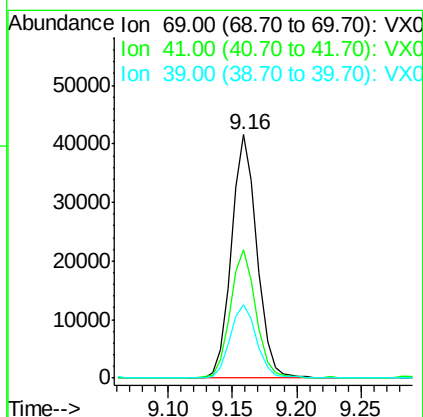
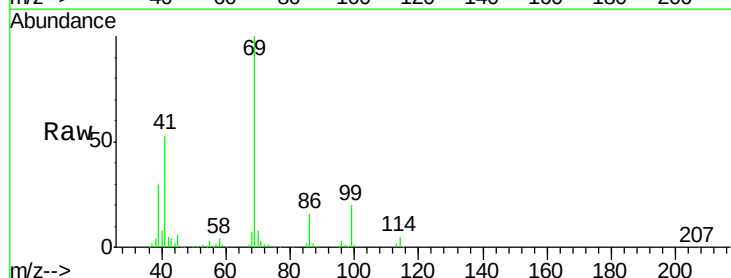
Manual Integrations
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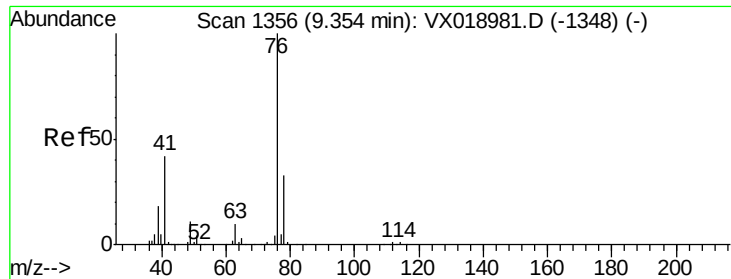
MMDadoda
 10/21/2020 1:04:56 PM



#56
 Ethyl methacrylate
 Concen: 18.050 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018986.D
 Acq: 20 Oct 2020 20:22

Tgt Ion:	69	Resp:	57545
Ion	Ratio	Lower	Upper
69	100		
41	53.3	39.8	59.6
39	30.9	23.8	35.6





#57

1,3-Dichloropropane

Concen: 18.226 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBS01

Tot Ion: 76 Resp: 63580

Ion Ratio Lower Upper

76 100

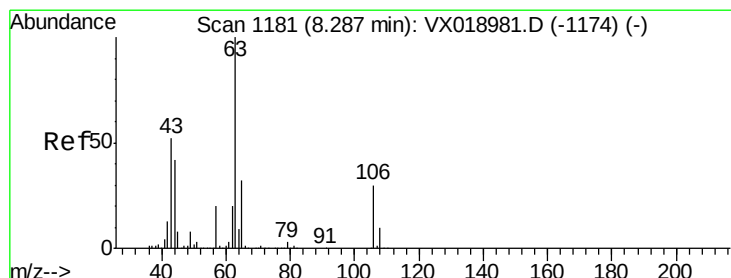
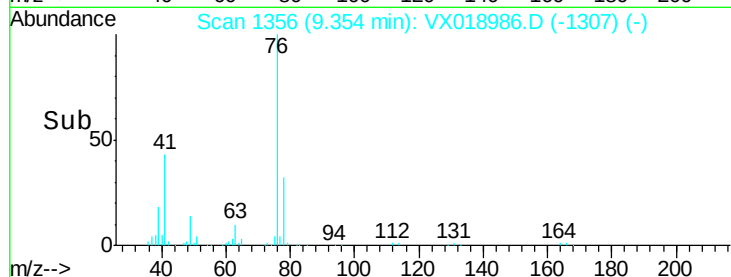
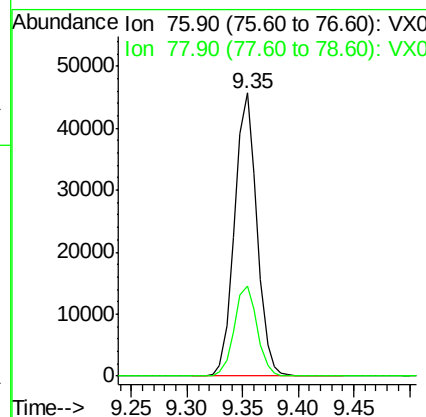
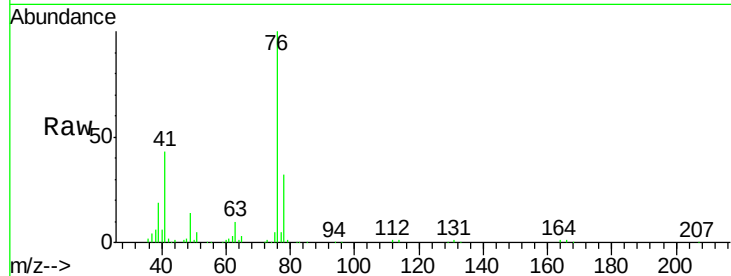
78 32.4 26.1 39.1

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 92.809 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VX018986.D

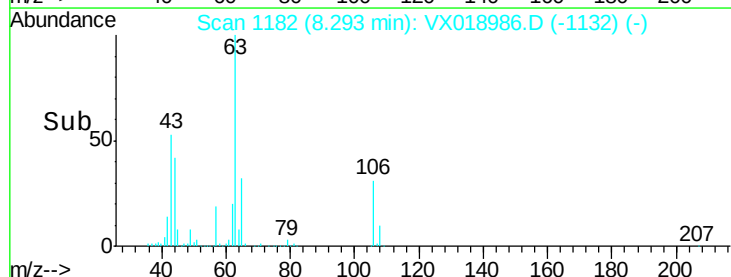
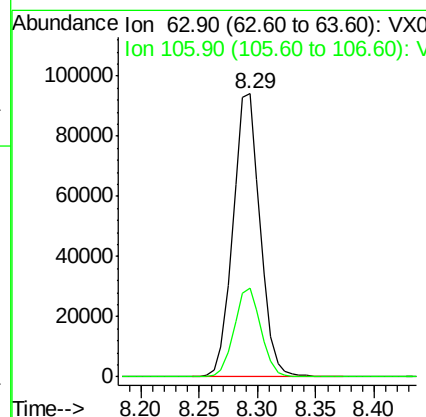
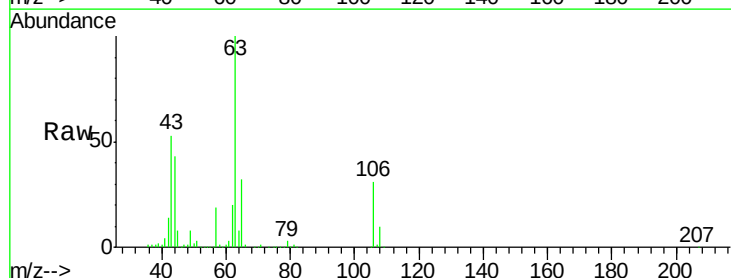
Acq: 20 Oct 2020 20:22

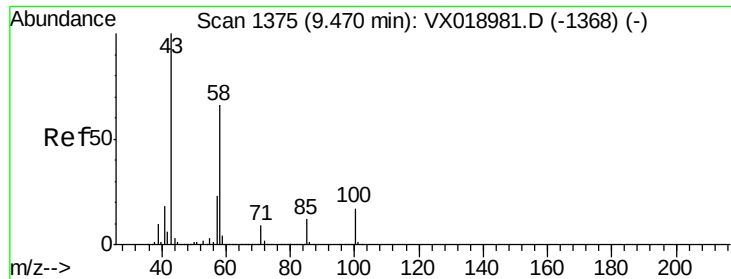
Tgt Ion: 63 Resp: 152419

Ion Ratio Lower Upper

63 100

106 30.9 25.0 37.4





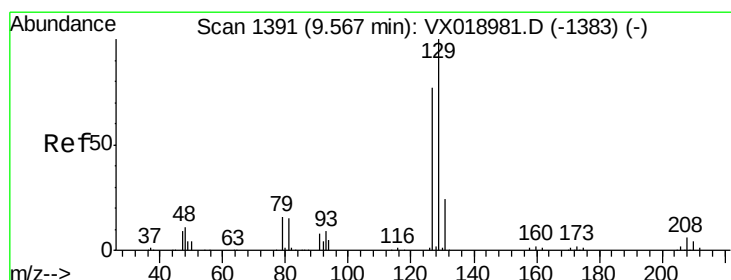
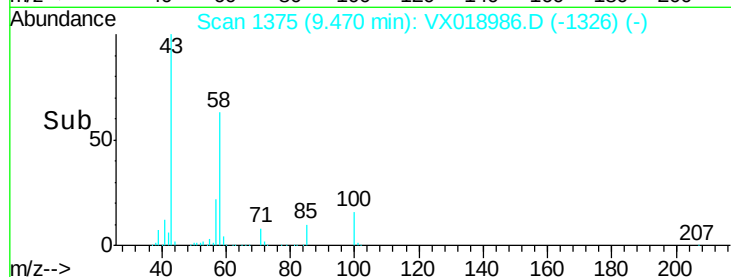
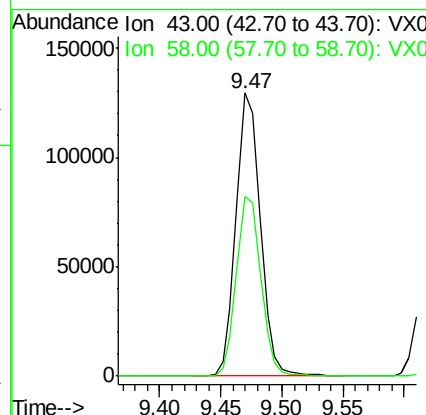
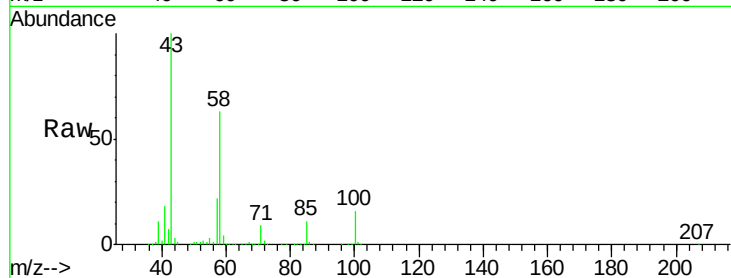
#59
2-Hexanone
Concen: 93.059 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	64.4	33.0	99.0

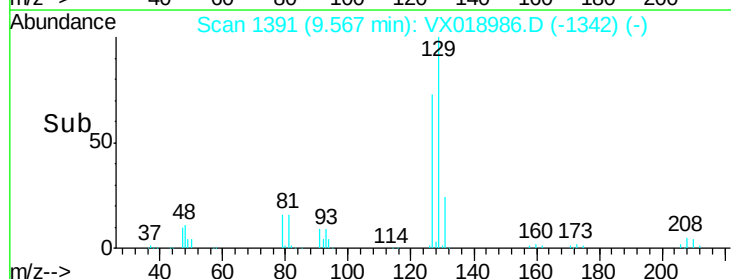
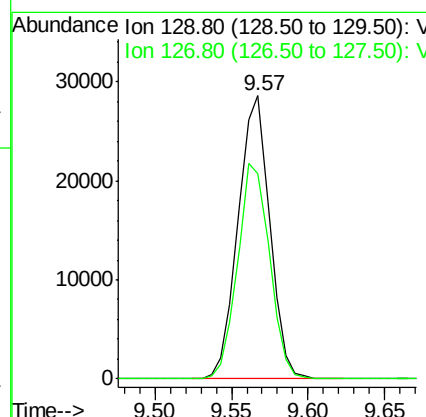
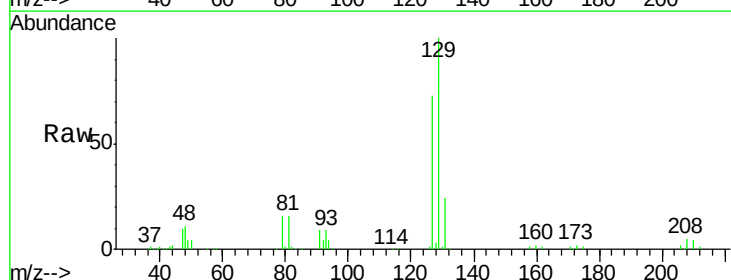
Manual Integrations
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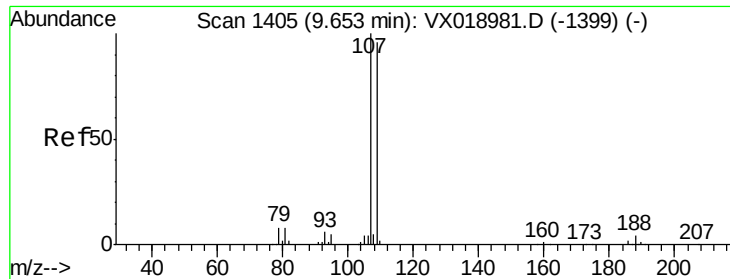
MMDadoda
10/21/2020 1:04:56 PM



#60
Dibromochloromethane
Concen: 17.191 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.1	38.8	116.4





#61

1,2-Dibromoethane

Concen: 17.778 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBS01

Tot Ion:107 Resp: 41246

Ion Ratio Lower Upper

107 100

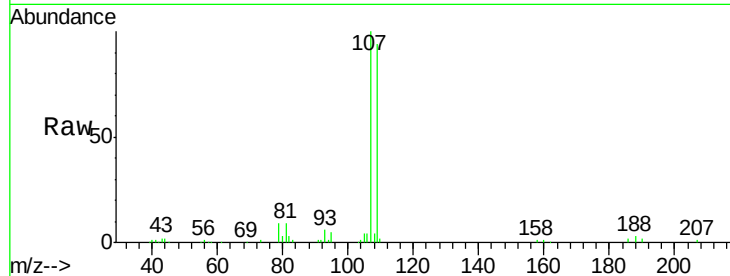
109 92.9 76.6 115.0

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

30000

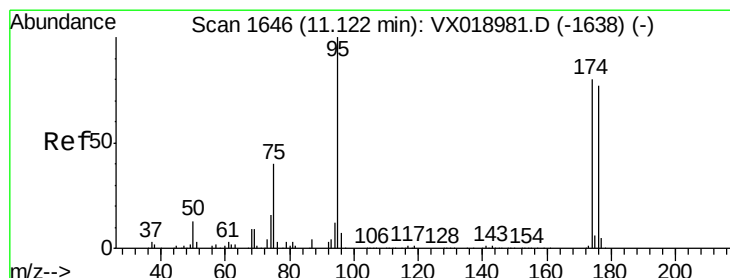
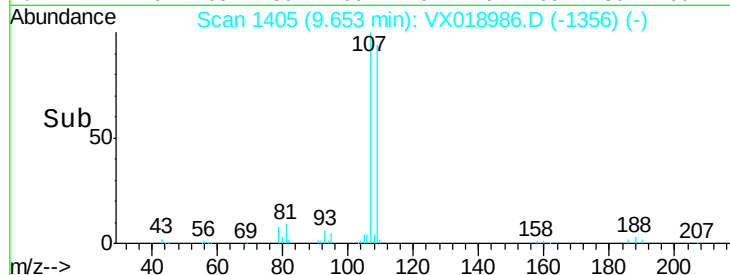
20000

10000

0

9.60 9.70

Time-->



#62

4-Bromofluorobenzene

Concen: 46.152 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

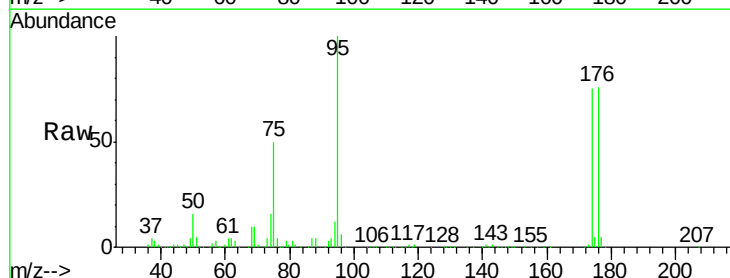
Tgt Ion: 95 Resp: 132737

Ion Ratio Lower Upper

95 100

174 73.7 0.0 159.8

176 72.2 0.0 152.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

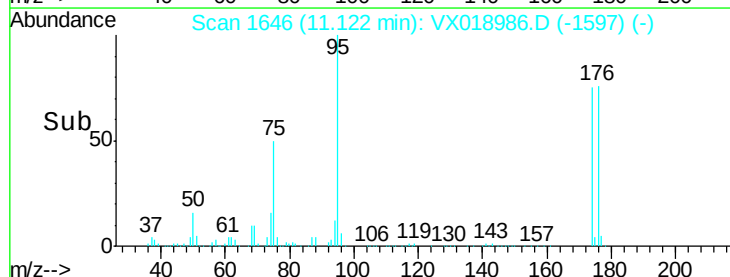
100000

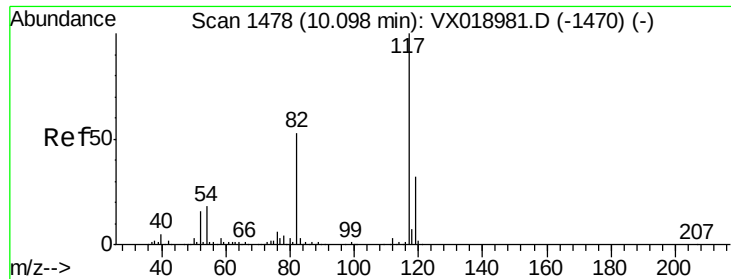
50000

0

11.10 11.20

Time-->





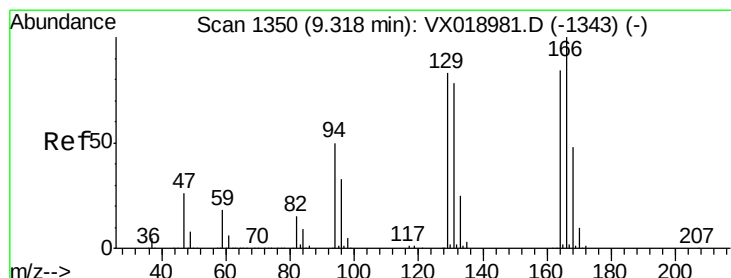
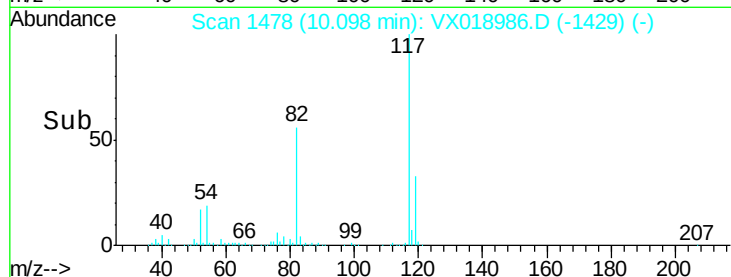
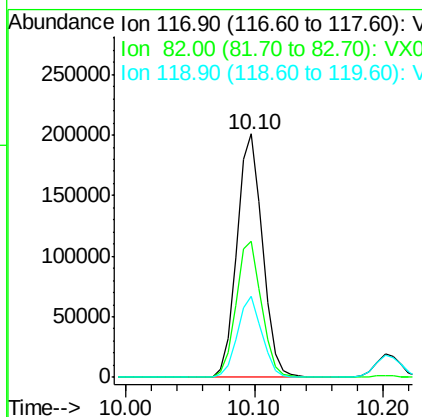
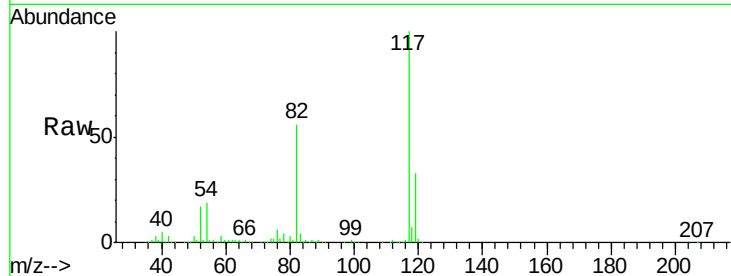
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	275921		
82	55.9	42.2	63.4	
119	33.1	25.8	38.8	

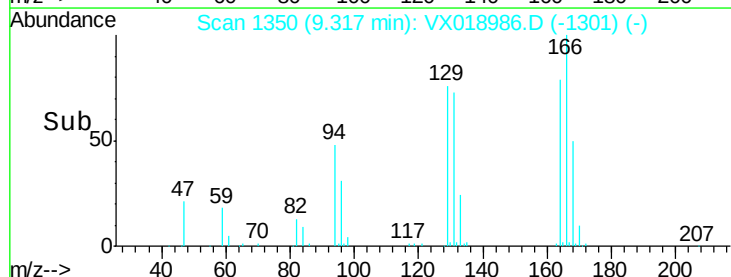
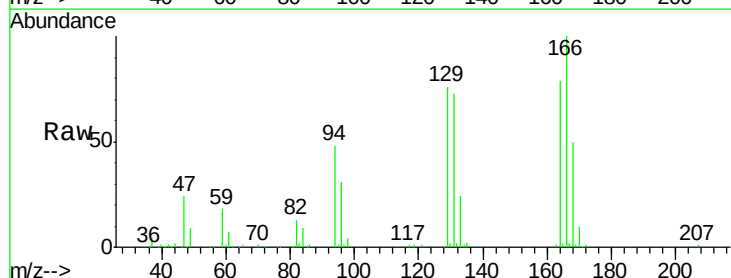
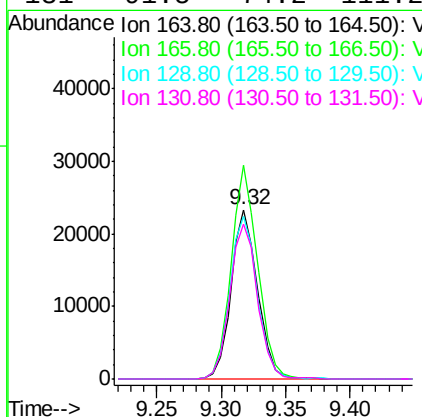
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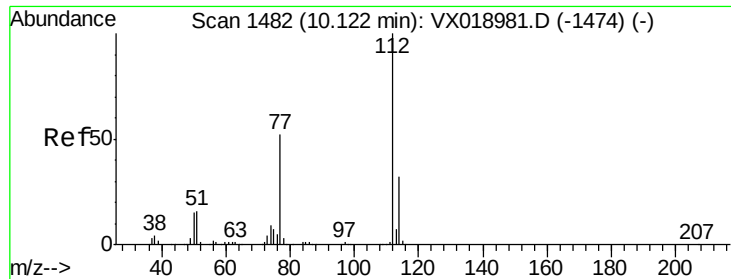
MMDadoda
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#64
Tetrachloroethene
Concen: 17.152 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	33347		
166	126.0	95.2	142.8	
129	95.9	79.4	119.0	
131	91.5	74.2	111.2	





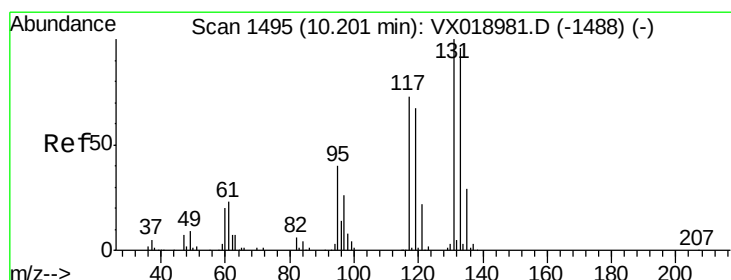
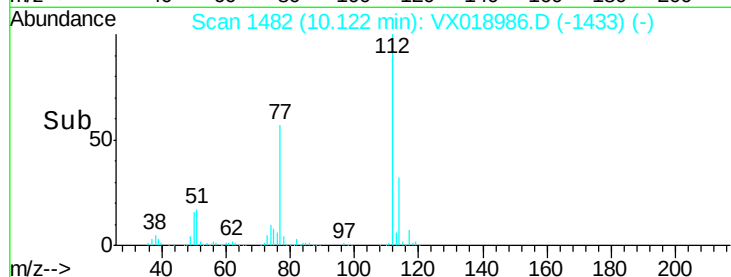
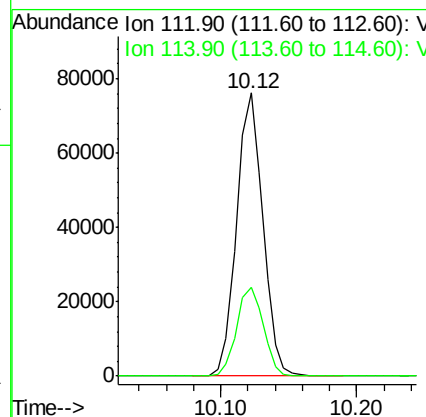
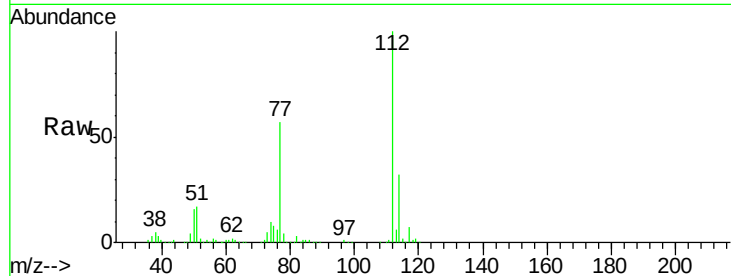
#65
Chlorobenzene
Concen: 17.653 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBS01

Tot Ion	Ratio	Resp	Lower	Upper
112	100	102674		
114	31.6	25.8	38.6	

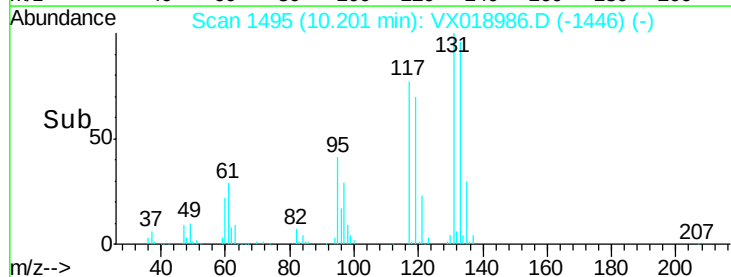
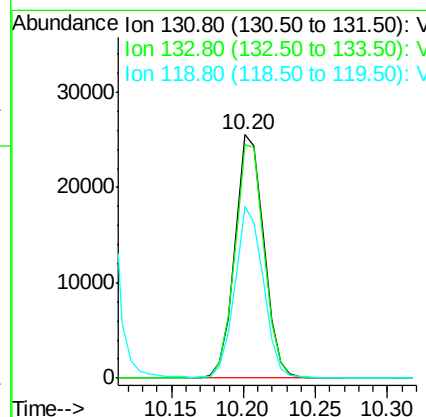
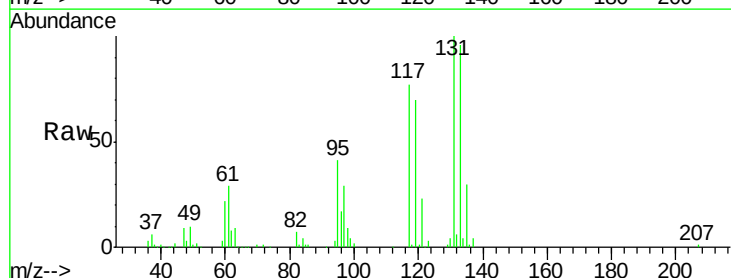
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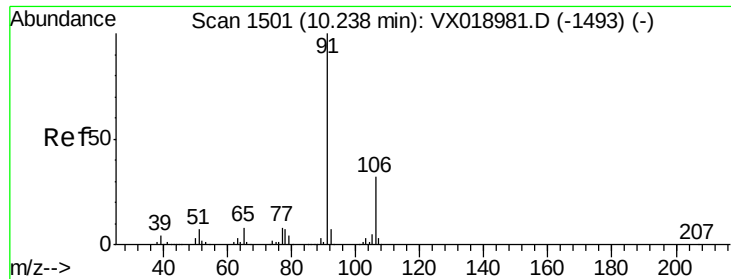
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.431 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	36133		
133	96.8	48.0	144.2	
119	69.3	33.6	100.6	





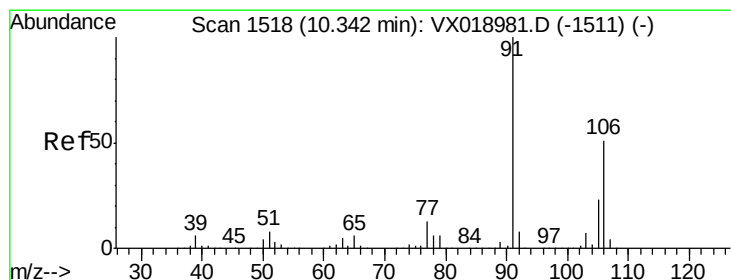
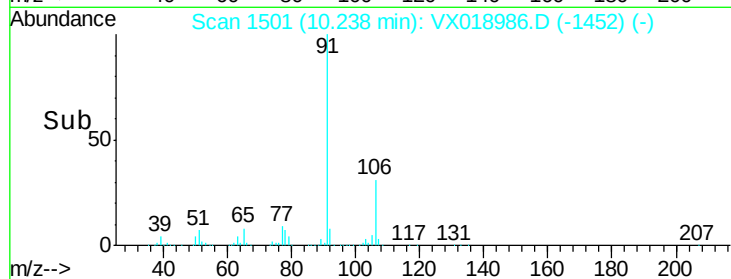
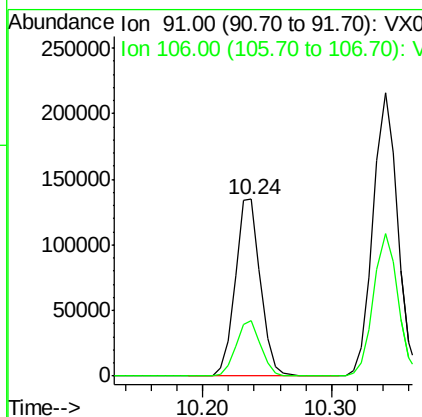
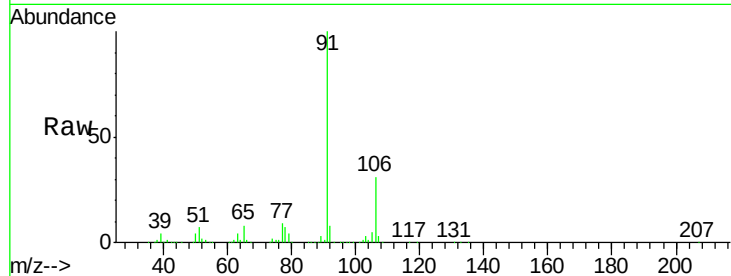
#67
Ethyl Benzene
Concen: 18.240 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBS01

Tot Ion: 91 Resp: 183841
Ion Ratio Lower Upper
91 100
106 31.4 25.8 38.8

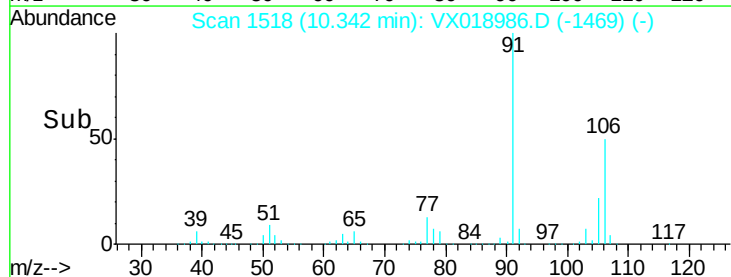
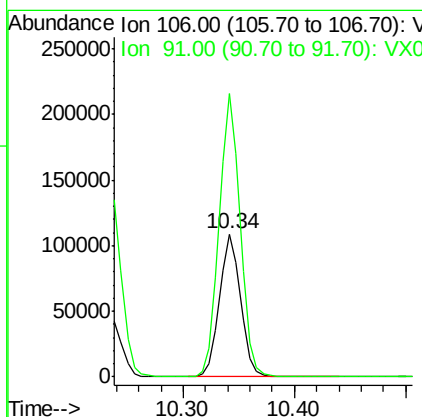
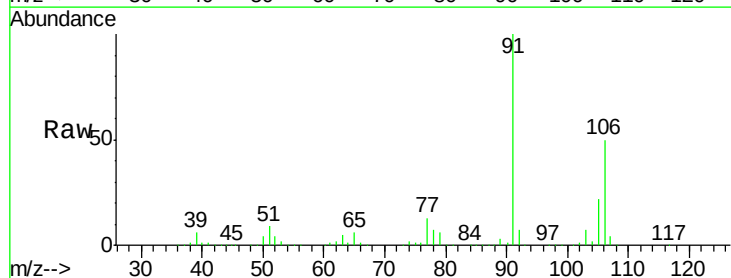
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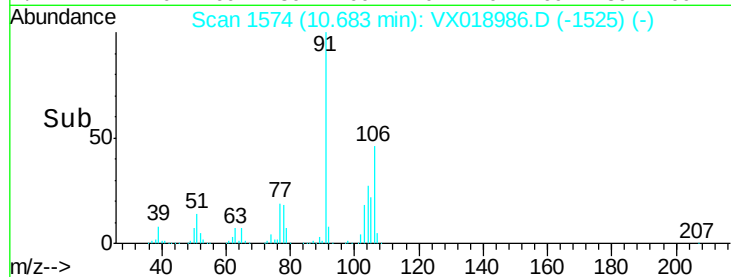
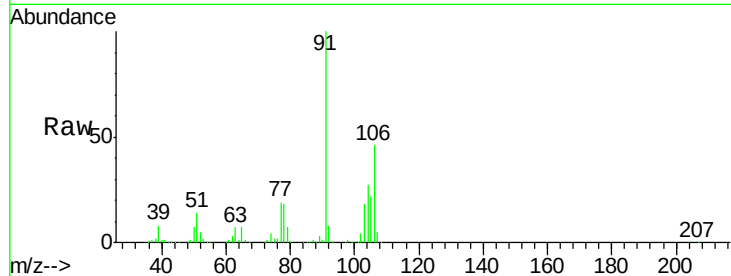
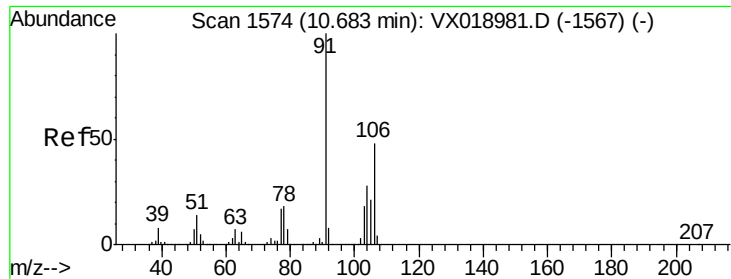
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#68
m/p-Xylenes
Concen: 35.854 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Tgt Ion: 106 Resp: 142453
Ion Ratio Lower Upper
106 100
91 198.0 157.9 236.9





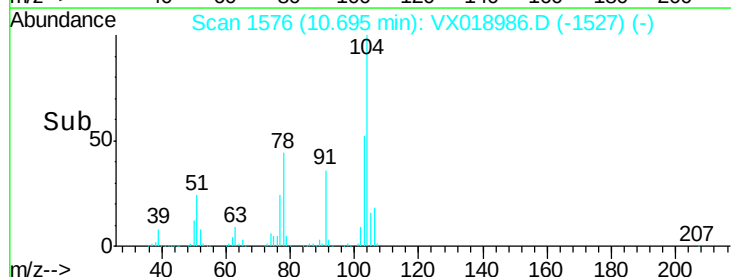
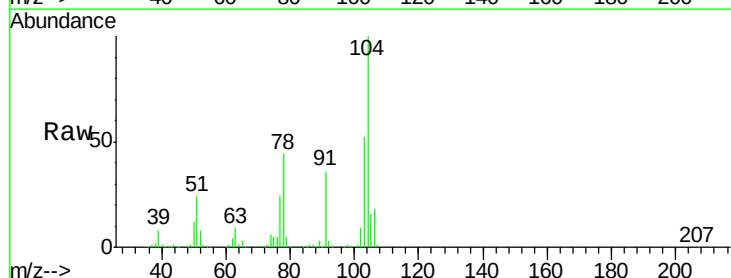
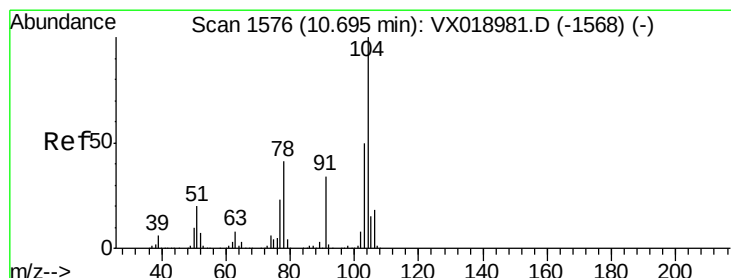
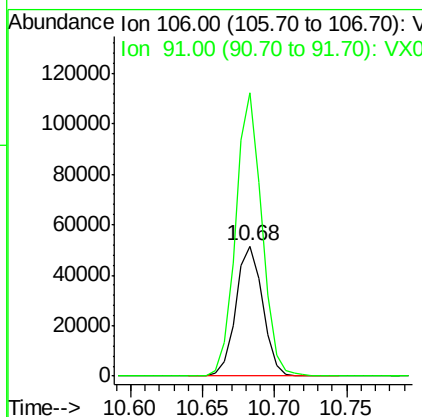
#69
o-Xylene
Concen: 17.649 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		67162		
91	211.4	105.5	316.5		

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBS01

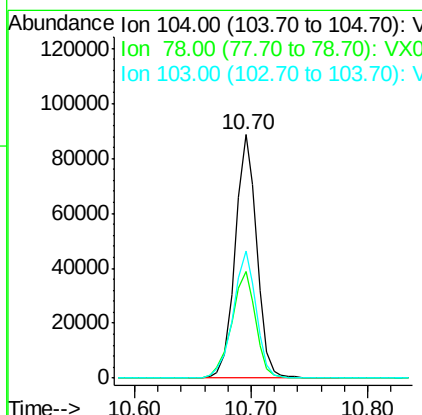
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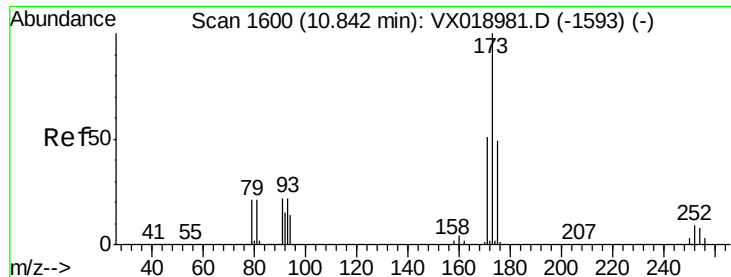
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#70
Styrene
Concen: 17.560 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		114625		
78	48.5	37.4	56.0		
103	55.4	43.7	65.5		





#71

Bromoform

Concen: 16.448 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

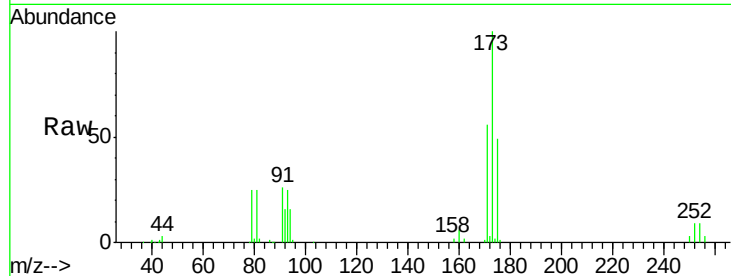
ClientSampleId :

VX1020WBS01

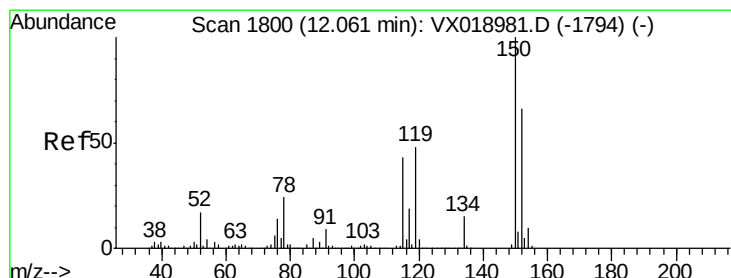
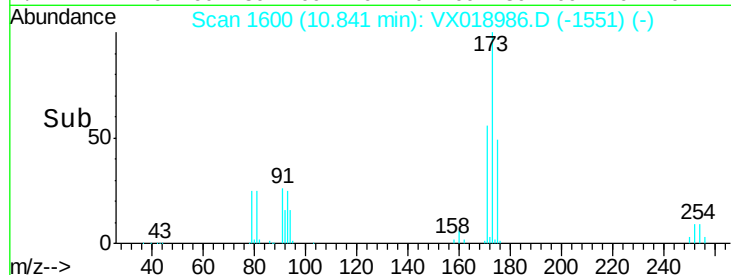
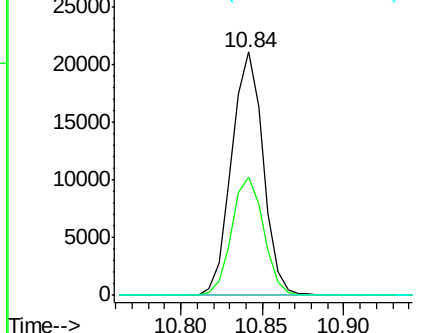
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.8	74.4
254	0.0	0.1	0.1#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

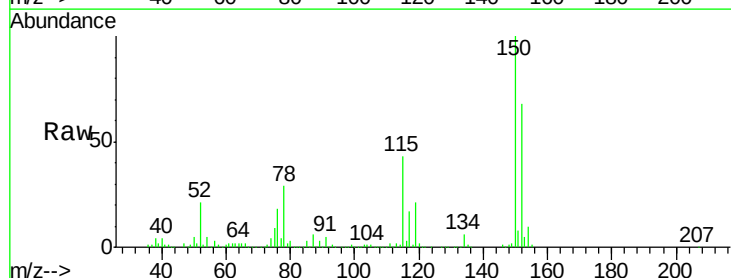
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

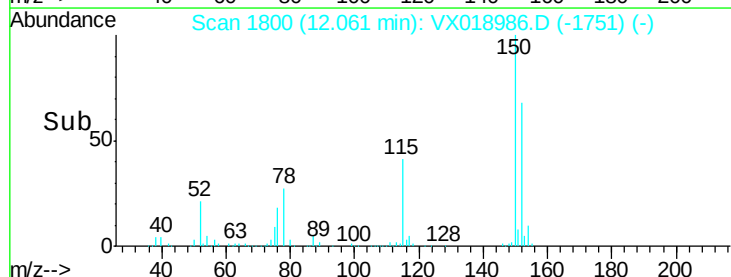
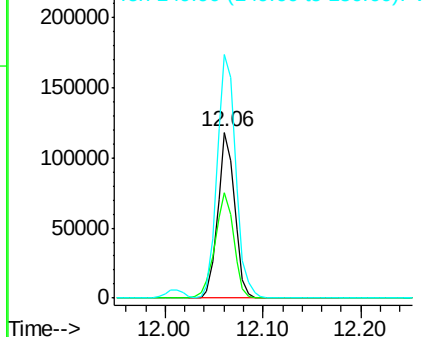
Lab File: VX018986.D

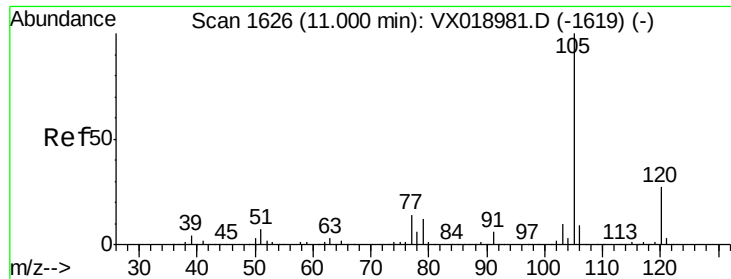
Acq: 20 Oct 2020 20:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	71.3	41.2	123.6
150	161.8	0.0	345.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.985 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBS01

Tot Ion: 105 Resp: 180683

Ion Ratio Lower Upper

105 100

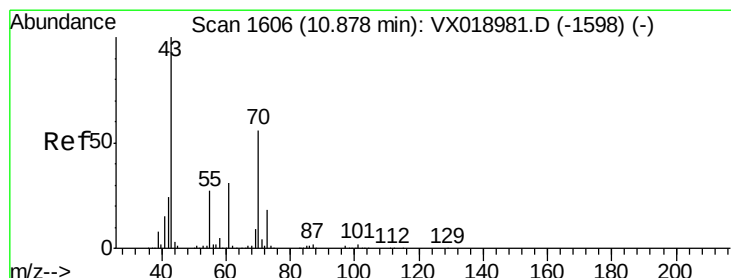
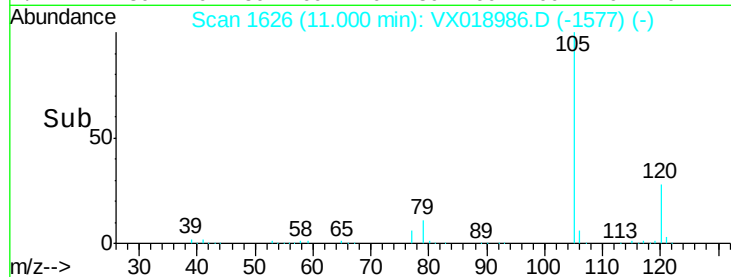
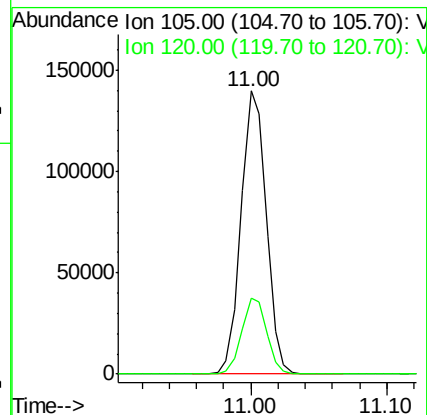
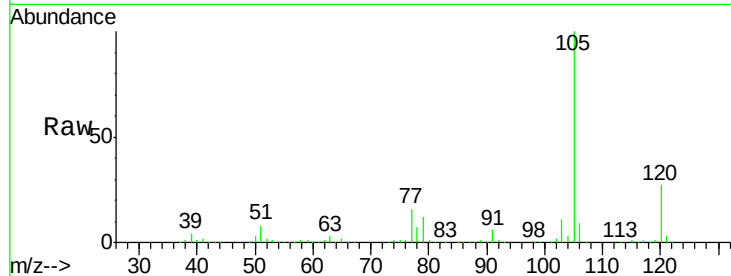
120 26.4 13.6 40.7

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#74

N-ethyl acetate

Concen: 18.976 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Tgt Ion: 43 Resp: 61711

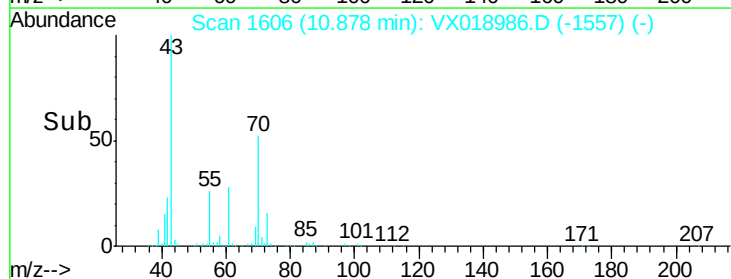
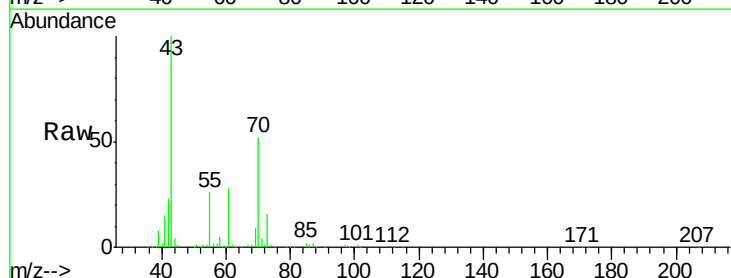
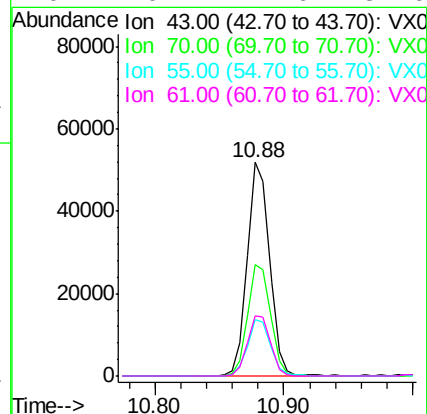
Ion Ratio Lower Upper

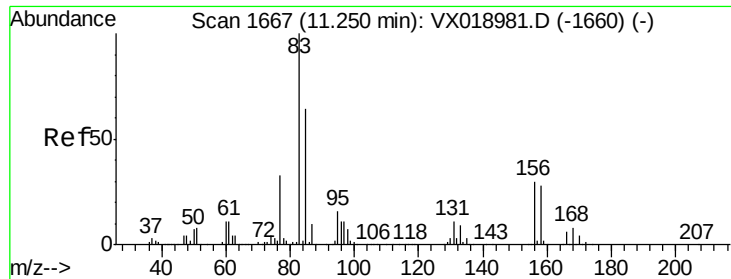
43 100

70 53.5 45.9 68.9

55 27.6 21.9 32.9

61 29.2 24.6 37.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.271 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

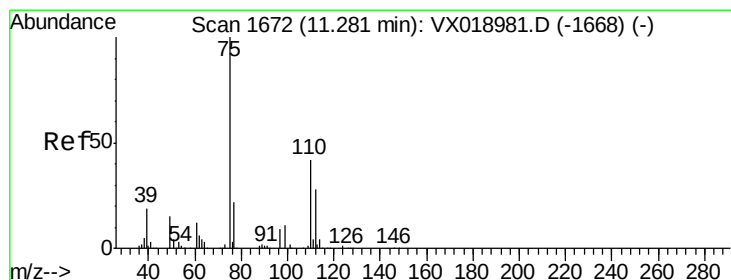
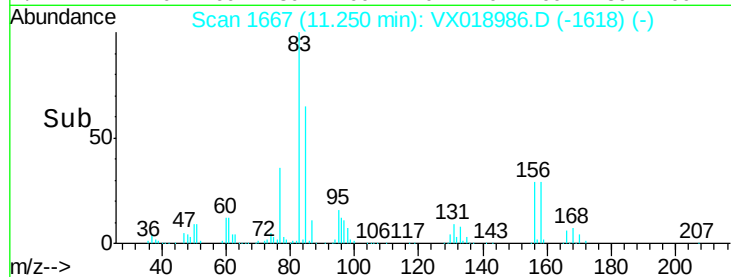
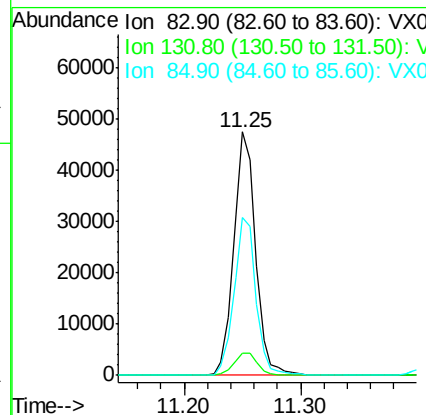
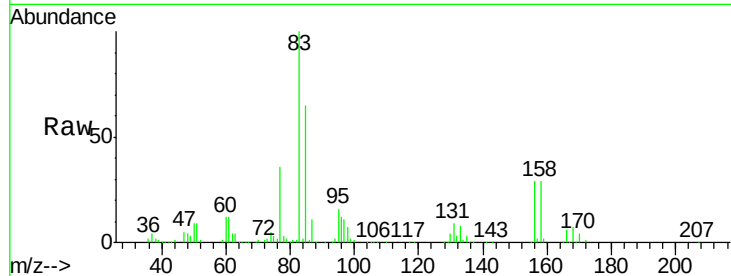
ClientSampleId :

VX1020WBS01

Tot Ion:	83	Resp:	61751
Ion Ratio	Lower	Upper	
83	100		
131	9.8	5.4	16.2
85	65.4	32.2	96.6

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#76

1,2,3-Trichloropropane

Concen: 19.457 ug/l m

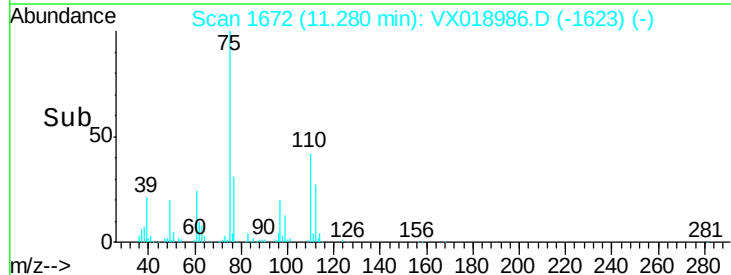
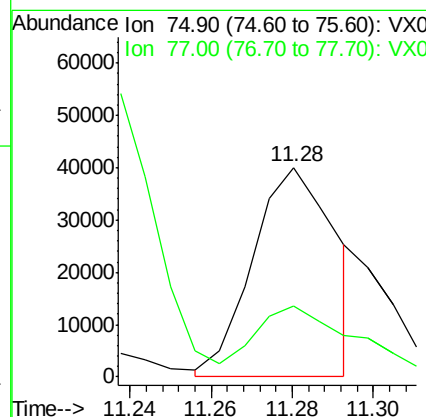
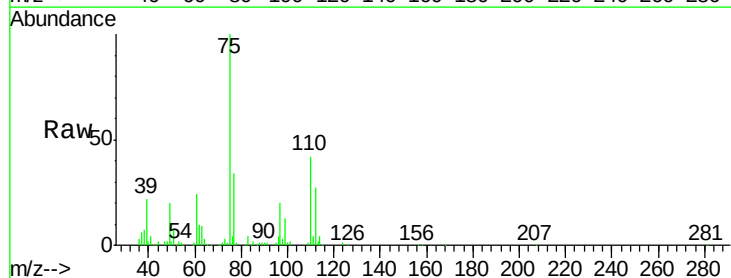
RT: 11.28 min Scan# 1672

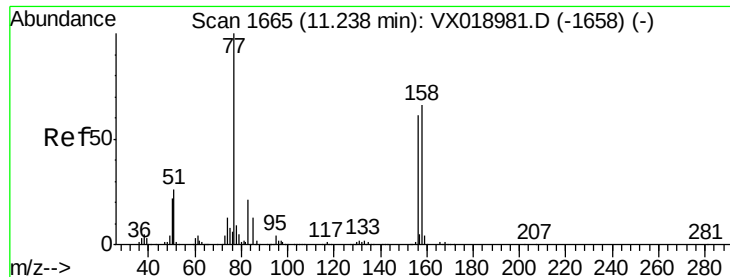
Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Tgt Ion:	75	Resp:	56425
Ion Ratio	Lower	Upper	
75	100		
77	41.4	20.6	61.9





#77

Bromobenzene

Concen: 17.854 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

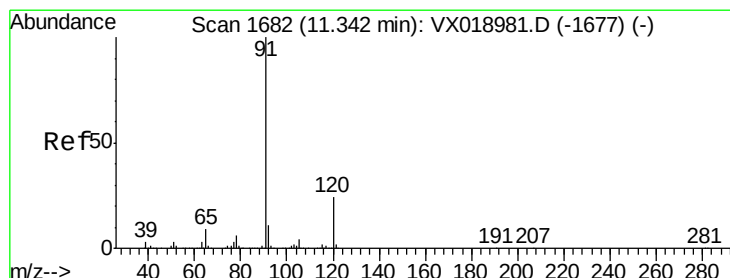
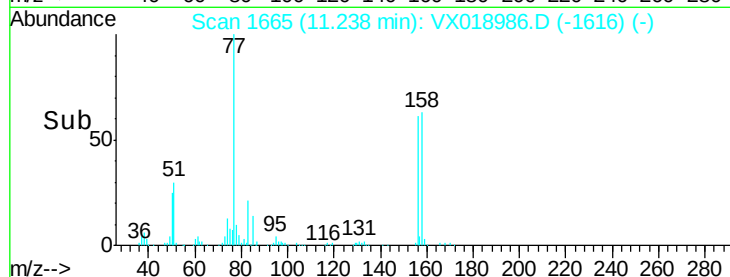
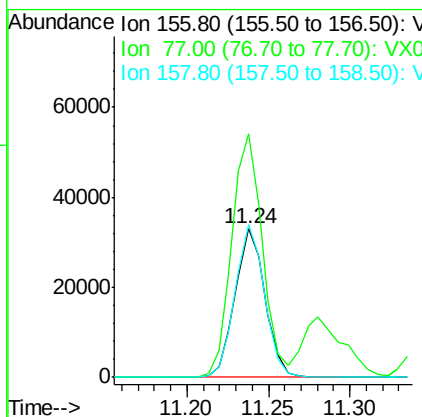
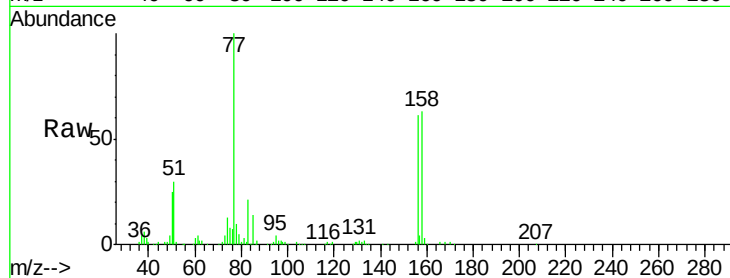
ClientSampleId :

VX1020WBS01

Tot Ion:	156	Resp:	42244
Ion	Ratio	Lower	Upper
156	100		
77	166.9	78.5	235.3
158	100.5	50.2	150.6

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#78

n-propylbenzene

Concen: 18.992 ug/l

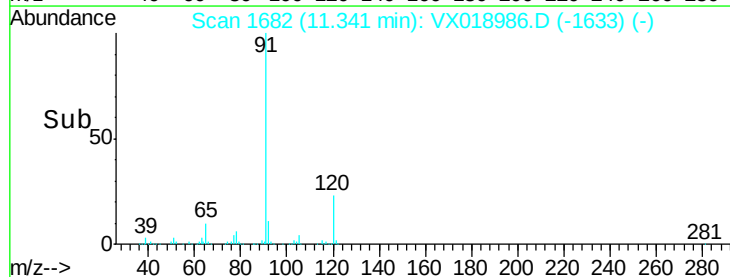
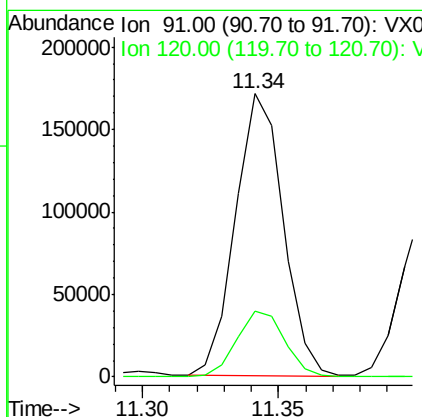
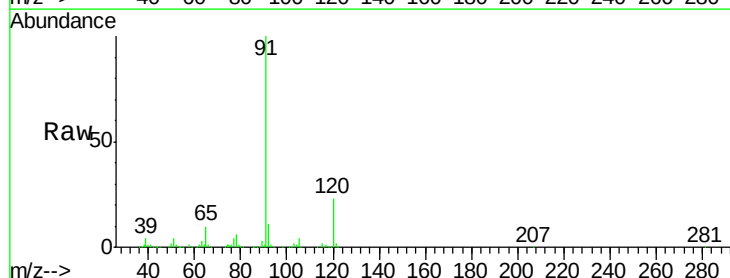
RT: 11.34 min Scan# 1682

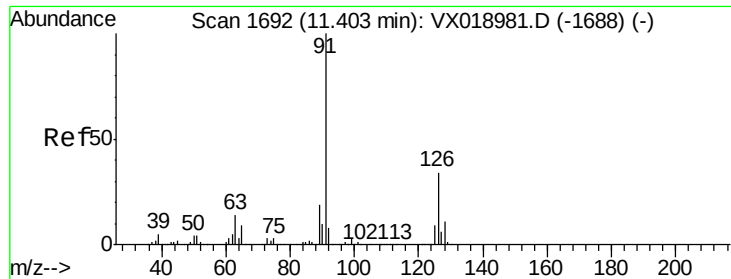
Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Tgt Ion:	91	Resp:	207797
Ion	Ratio	Lower	Upper
91	100		
120	23.7	12.3	36.9





#79

2-Chlorotoluene

Concen: 19.240 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBS01

Tot Ion: 91 Resp: 124130

Ion Ratio Lower Upper

91 100

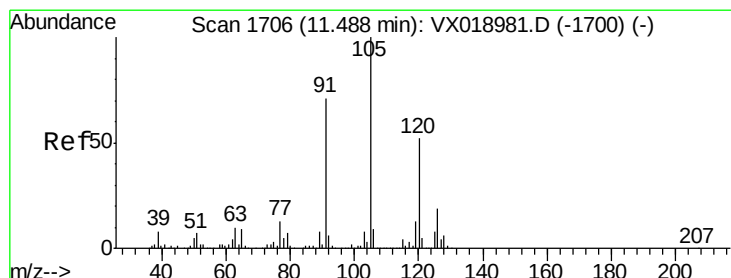
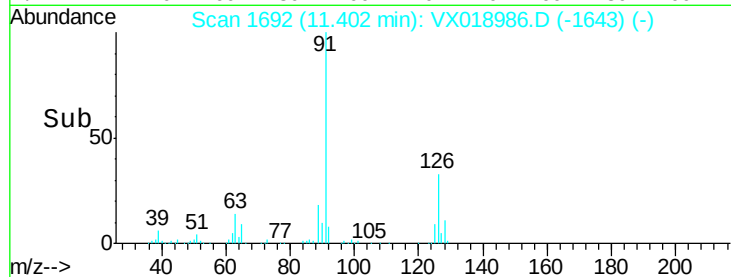
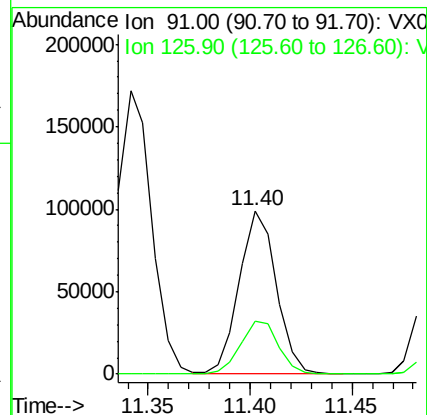
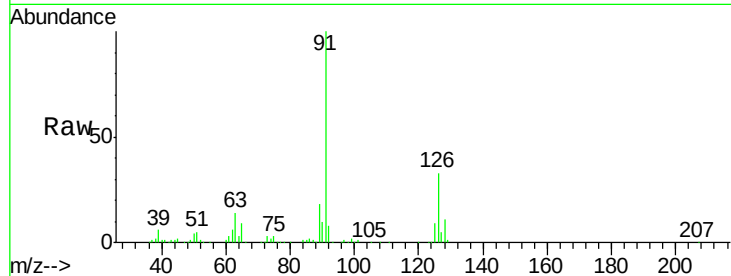
126 33.4 18.0 54.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.055 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX018986.D

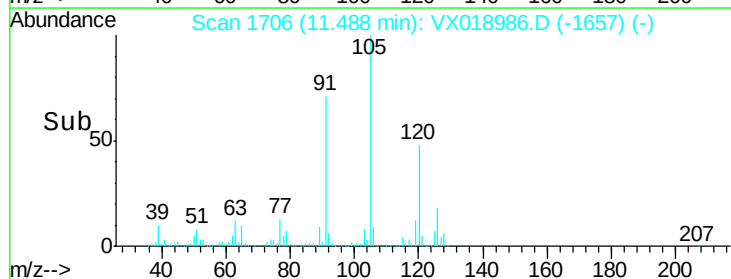
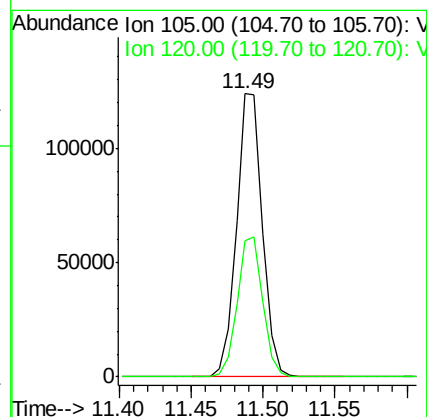
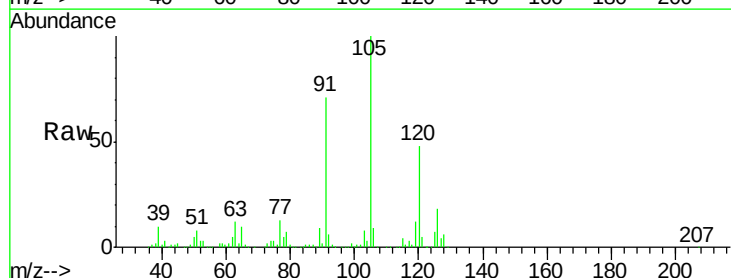
Acq: 20 Oct 2020 20:22

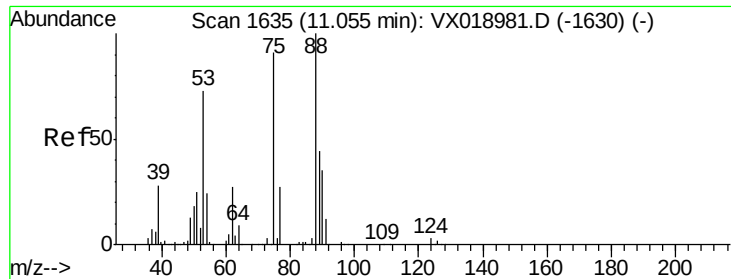
Tgt Ion: 105 Resp: 156068

Ion Ratio Lower Upper

105 100

120 48.6 25.3 75.8





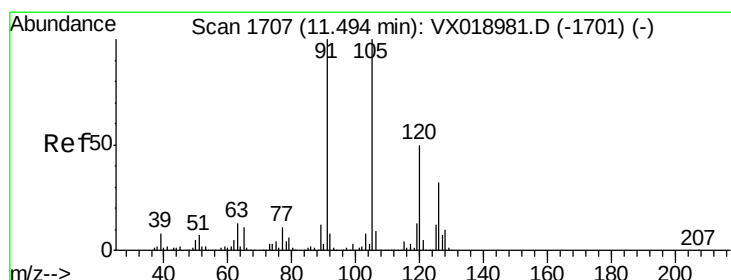
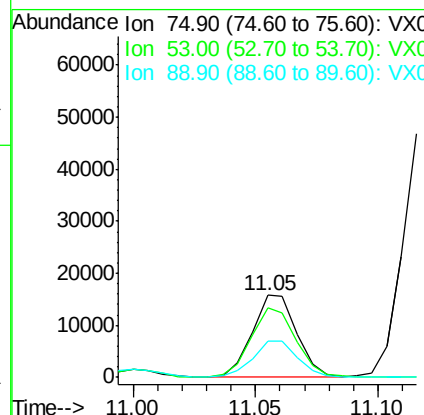
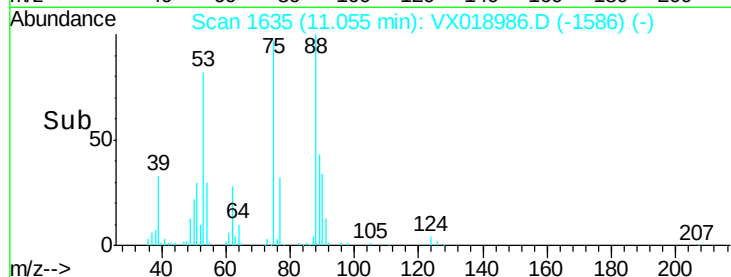
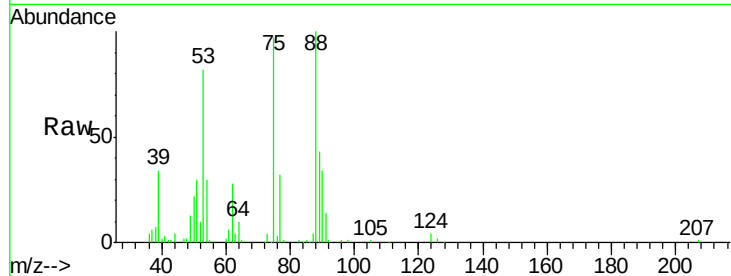
#81
trans-1,4-Dichloro-2-butene
Concen: 18.060 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBS01

Tot Ion	Ratio	Resp	Lower	Upper
75	100	19855		
53	86.4	63.9	95.9	
89	45.1	39.9	59.9	

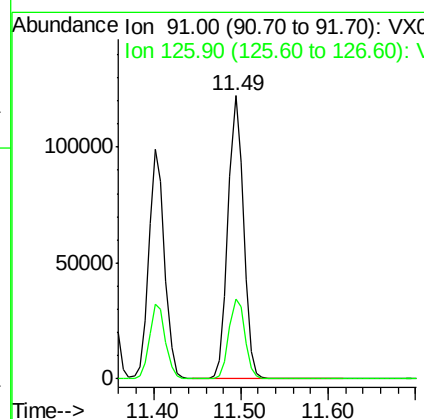
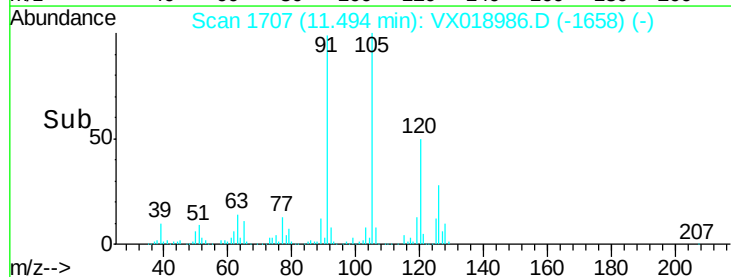
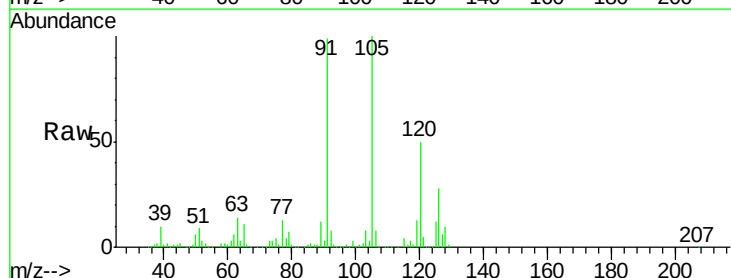
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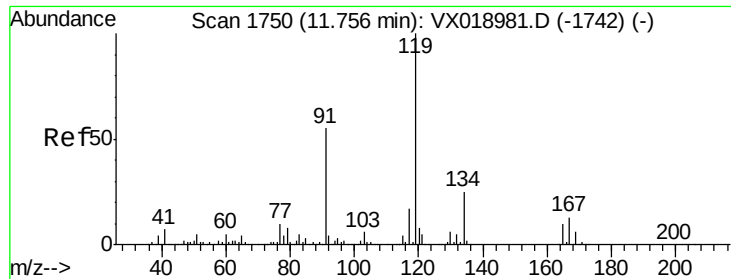
MMDadoda
10/21/2020 1:04:56 PM



#82
4-Chlorotoluene
Concen: 18.906 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	149610		
126	29.3	15.9	47.6	





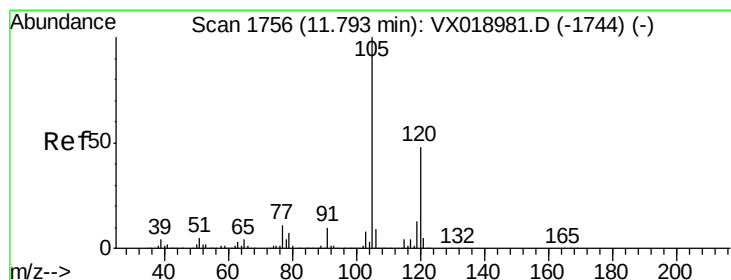
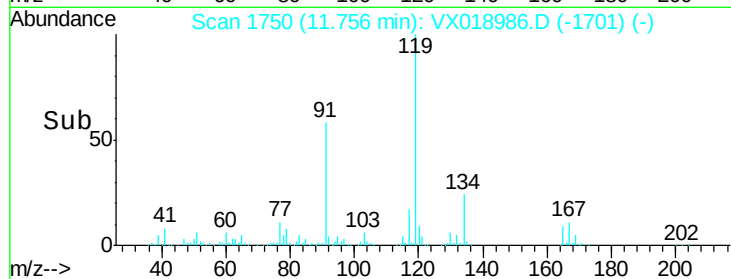
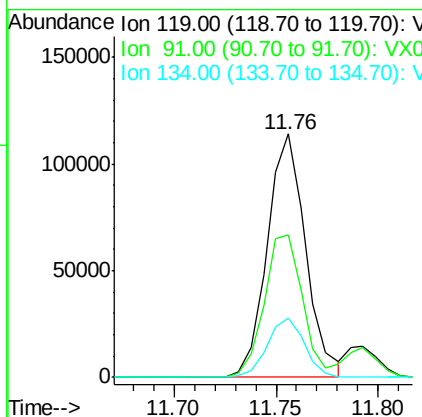
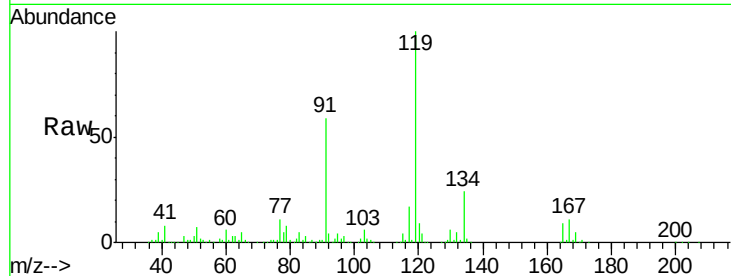
#83
 tert-Butylbenzene
 Concen: 18.719 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018986.D
 Acq: 20 Oct 2020 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	149304		
91	58.3	27.5	82.4	
134	23.7	11.9	35.7	

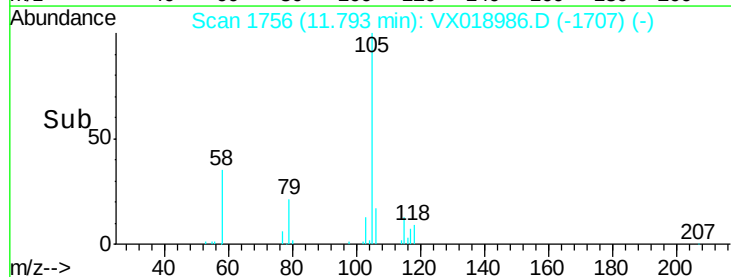
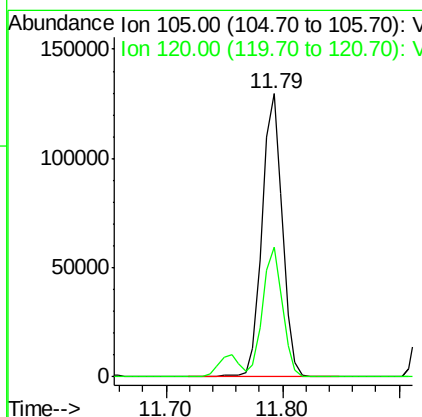
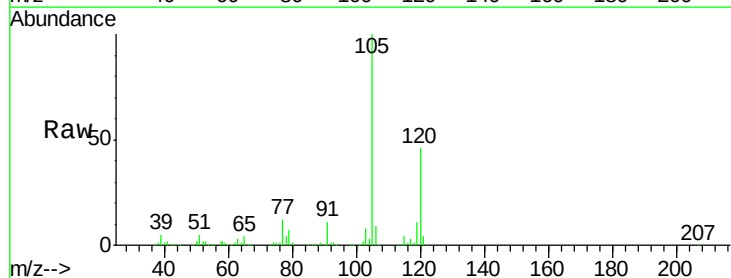
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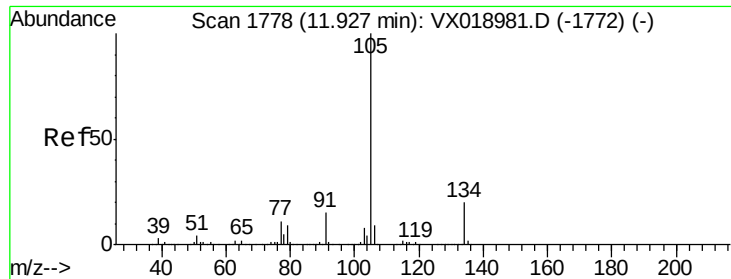
MMDadoda
 10/21/2020 1:04:56 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.131 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018986.D
 Acq: 20 Oct 2020 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	157976		
120	44.8	23.3	69.8	





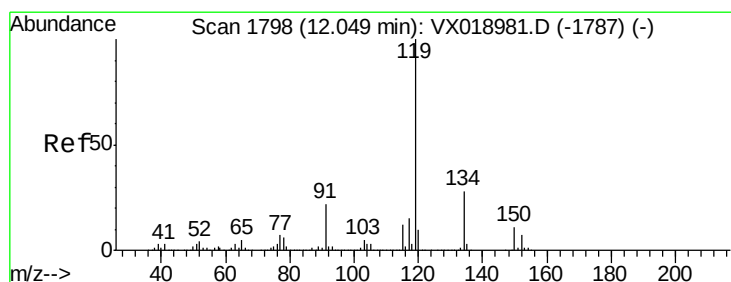
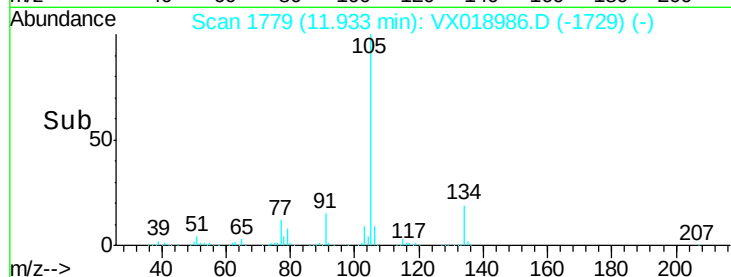
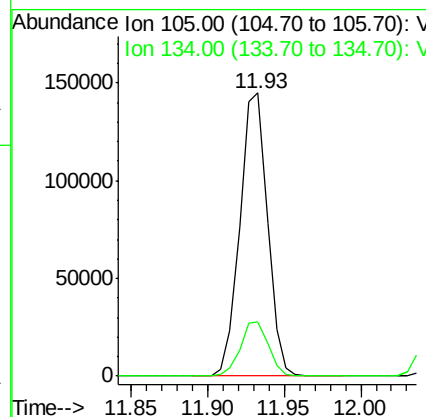
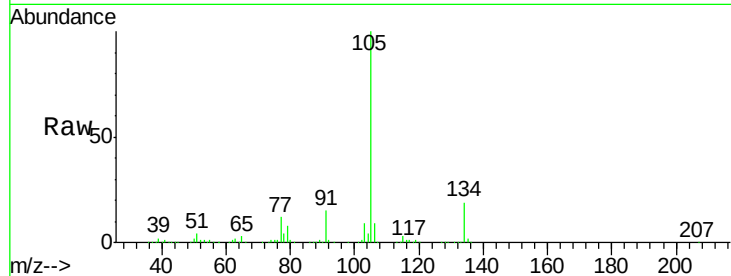
#85
 sec-Butylbenzene
 Concen: 19.055 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX018986.D
 Acq: 20 Oct 2020 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	181700		
134	19.4	10.5	31.6	

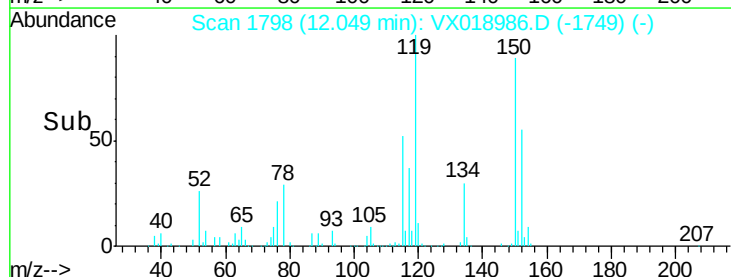
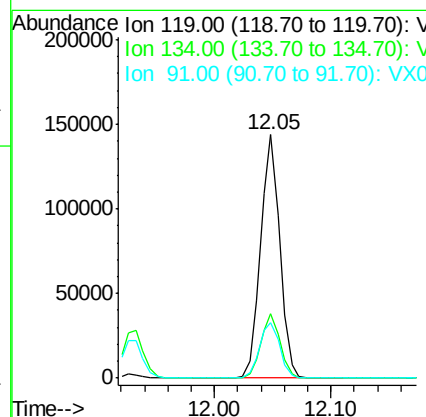
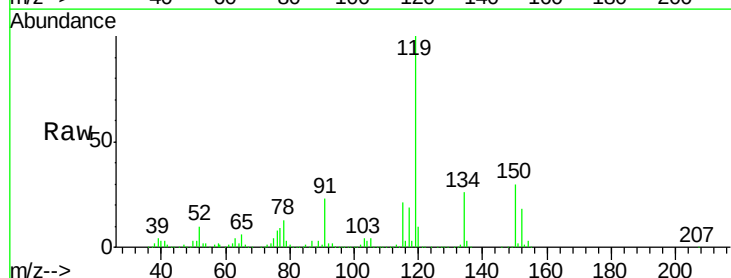
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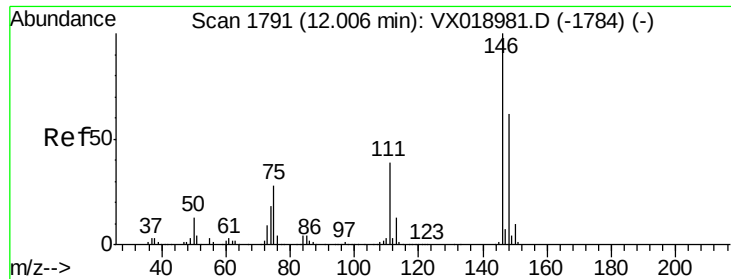
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 10/21/2020 1:04:56 PM



#86
 p-Isopropyltoluene
 Concen: 18.526 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018986.D
 Acq: 20 Oct 2020 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	166145		
134	26.2	13.5	40.5	
91	24.1	11.0	33.0	





#87

1,3-Dichlorobenzene

Concen: 17.993 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.01 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Instrument :

MSVOA_X

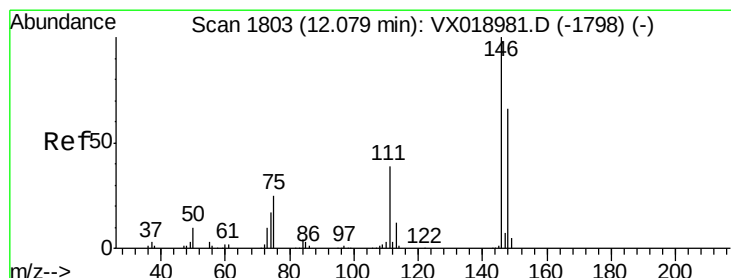
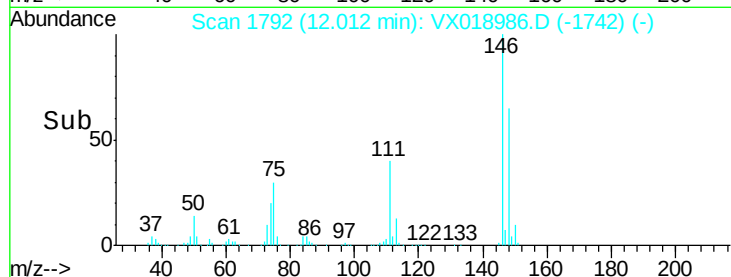
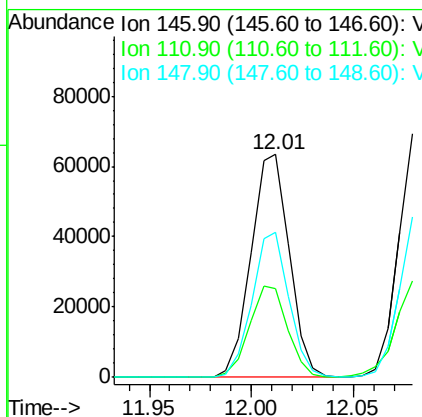
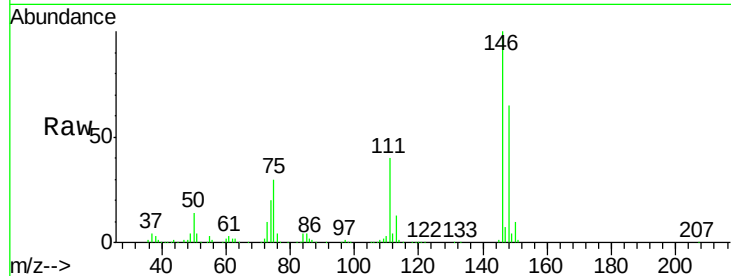
ClientSampleId :

VX1020WBS01

Tot Ion:	146	Resp:	82898
Ion Ratio	Lower	Upper	
146	100		
111	40.9	19.8	59.4
148	63.1	31.9	95.7

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 17.975 ug/l

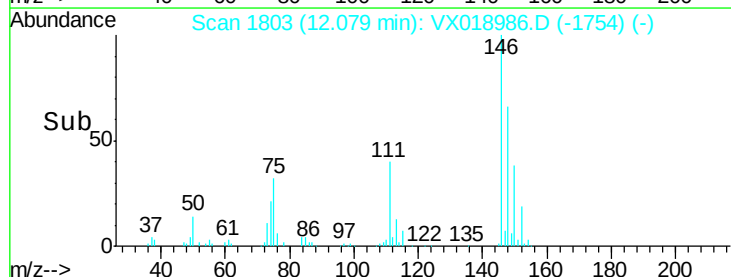
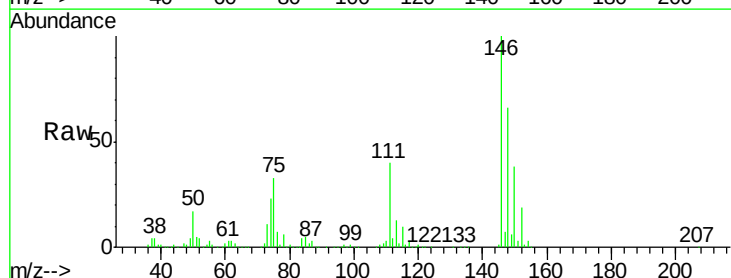
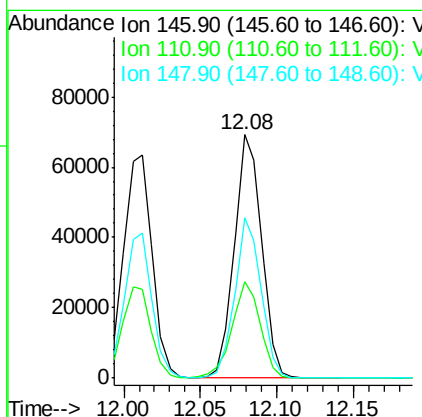
RT: 12.08 min Scan# 1803

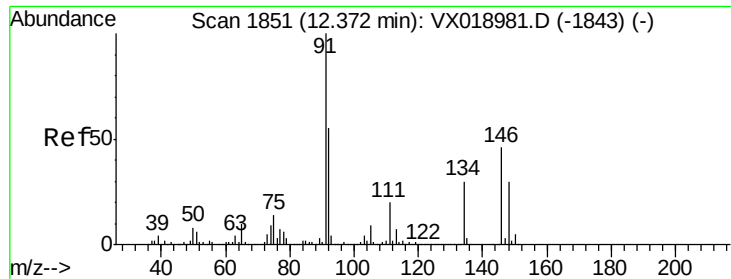
Delta R.T. -0.00 min

Lab File: VX018986.D

Acq: 20 Oct 2020 20:22

Tgt Ion:	146	Resp:	85546
Ion Ratio	Lower	Upper	
146	100		
111	41.2	19.3	57.9
148	63.5	32.6	98.0





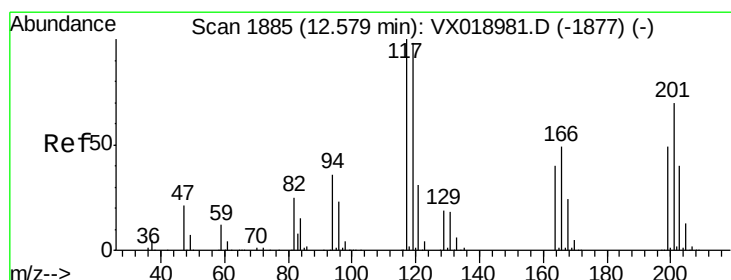
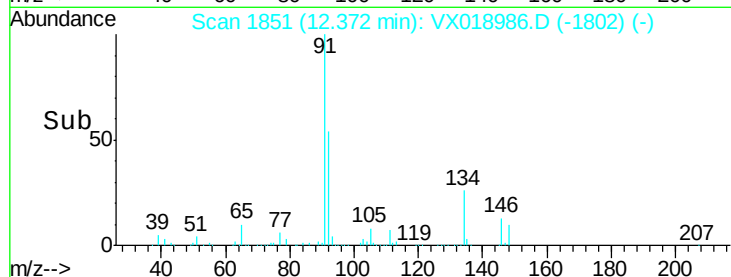
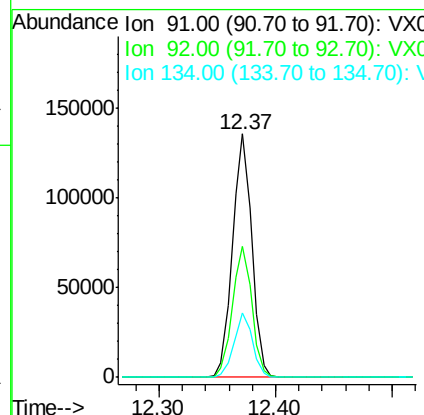
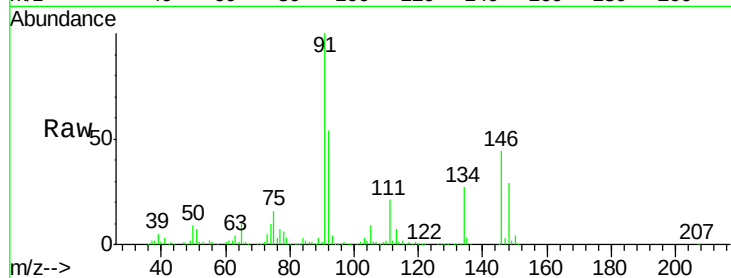
#89
n-Butylbenzene
Concen: 18.551 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.2	81.6
134	25.7	14.2	42.8

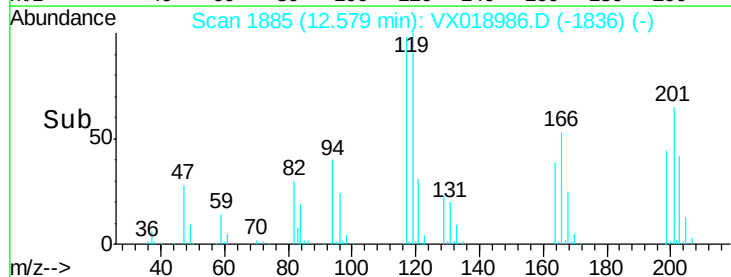
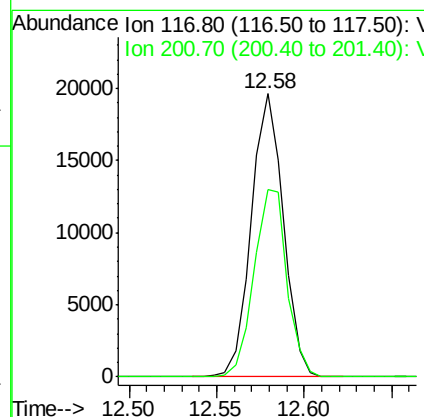
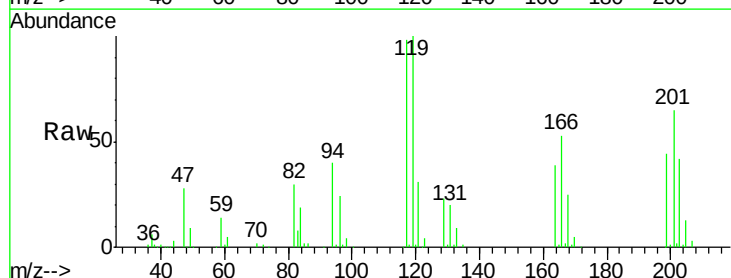
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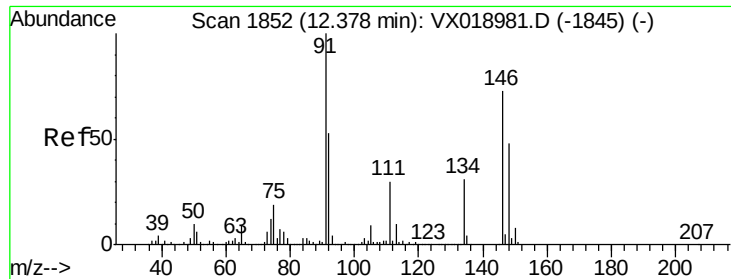
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#90
Hexachloroethane
Concen: 17.751 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	68.3	36.1	108.5





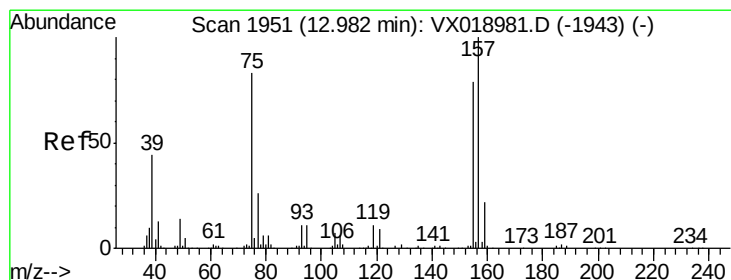
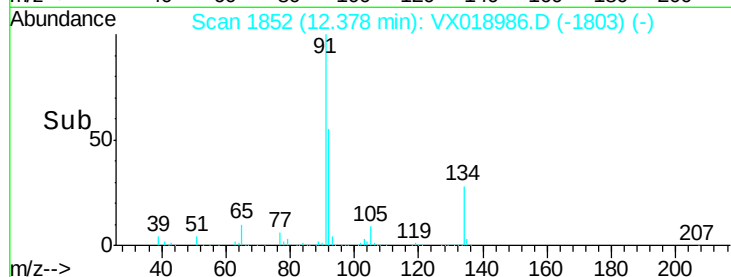
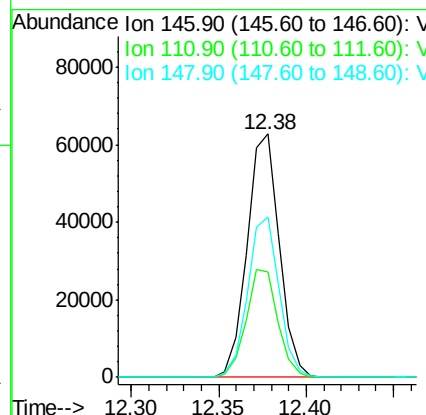
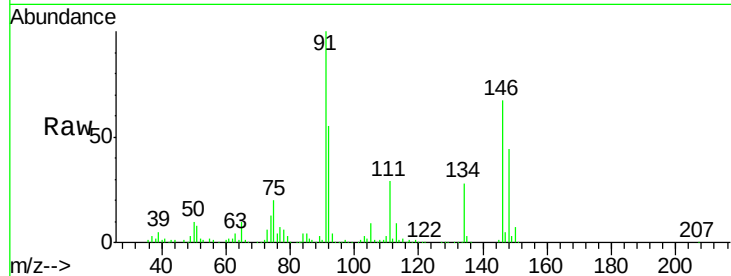
#91
 1,2-Dichlorobenzene
 Concen: 17.918 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX018986.D
 Acq: 20 Oct 2020 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	20.8	62.5
148	64.4	32.5	97.4

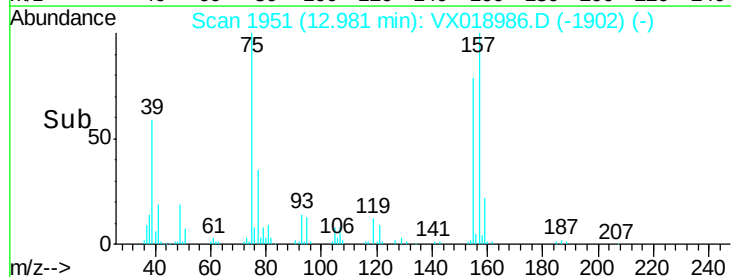
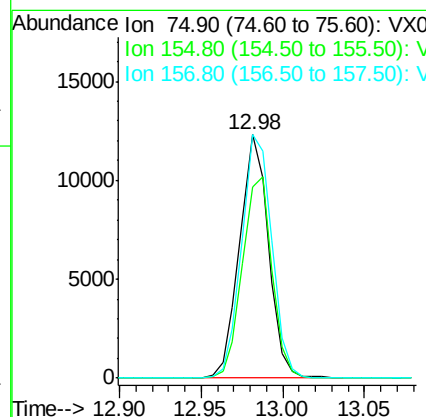
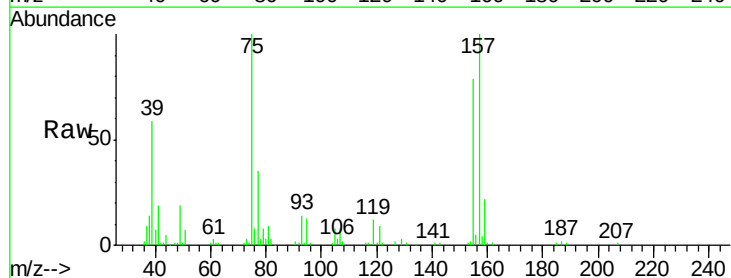
Manual Integrations
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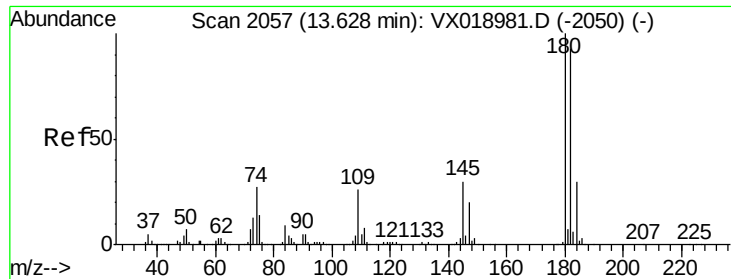
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.358 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018986.D
 Acq: 20 Oct 2020 20:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.7	47.6	142.9
157	104.2	62.7	188.1





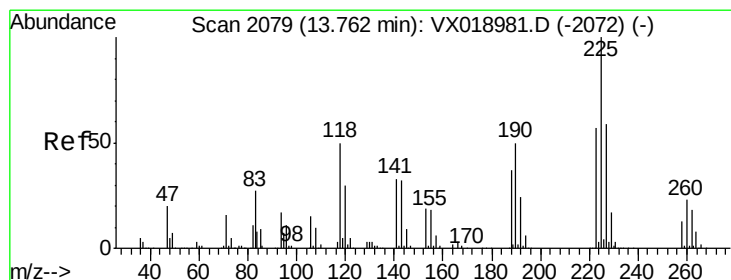
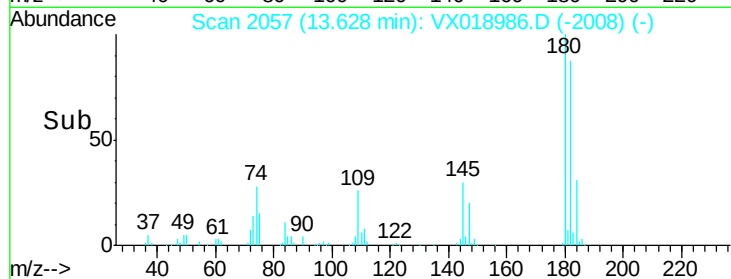
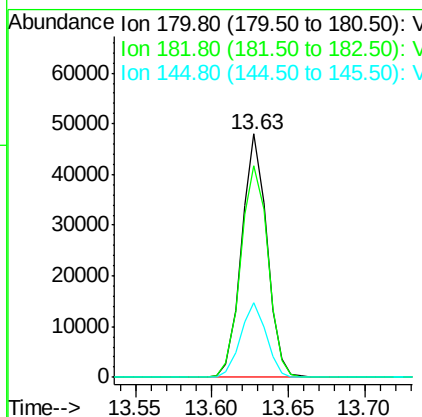
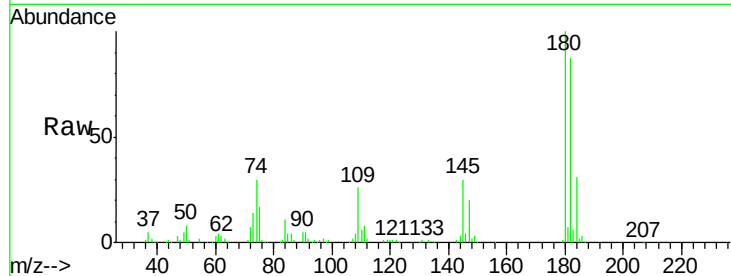
#93
 1,2,4-Trichlorobenzene
 Concen: 17.549 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018986.D
 Acq: 20 Oct 2020 20:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	54996		
182	93.5	46.6	139.7	
145	30.9	15.7	47.1	

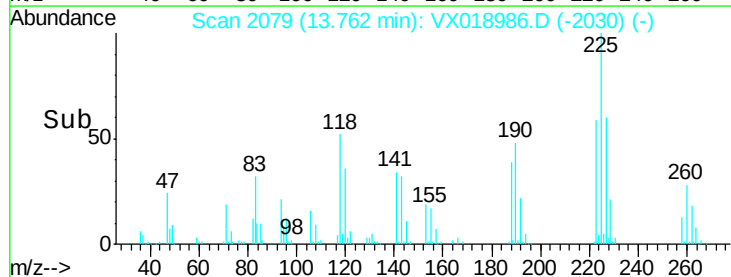
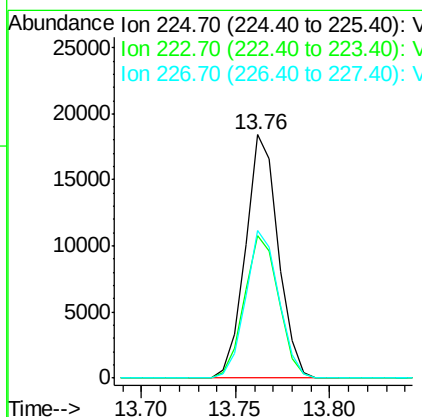
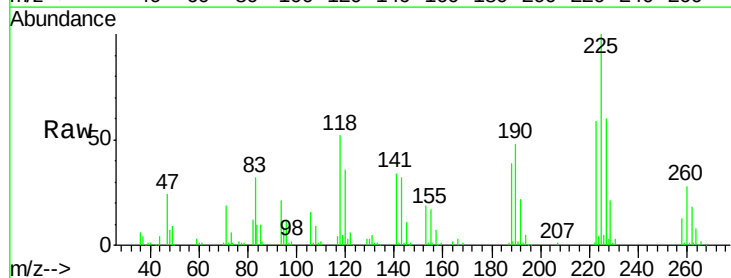
Manual Integrations
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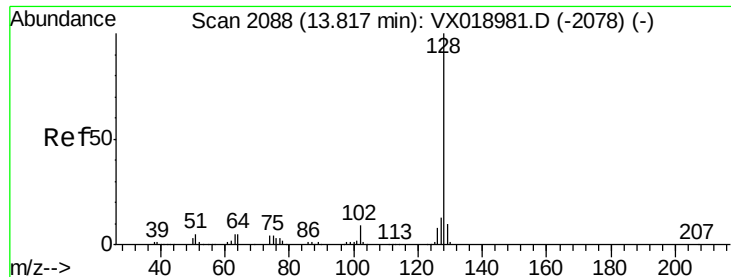
MMDadoda
 10/21/2020 1:04:56 PM



#94
 Hexachlorobutadiene
 Concen: 17.421 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX018986.D
 Acq: 20 Oct 2020 20:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	22168		
223	61.0	29.4	88.3	
227	61.1	30.6	92.0	





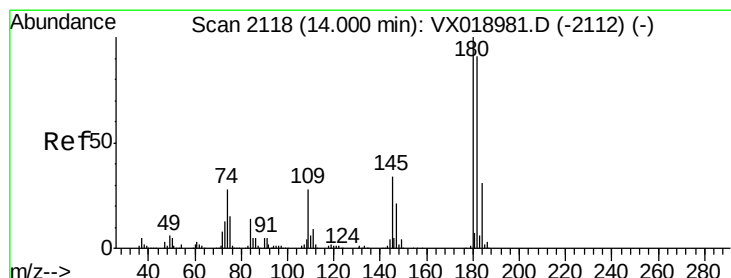
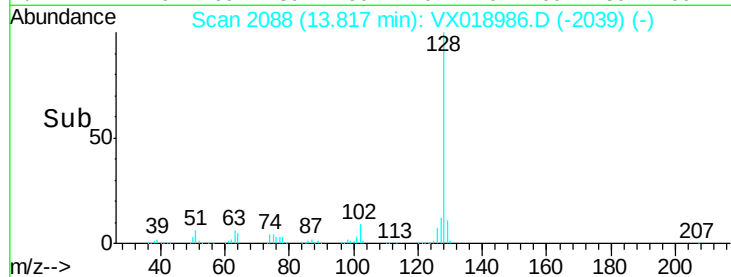
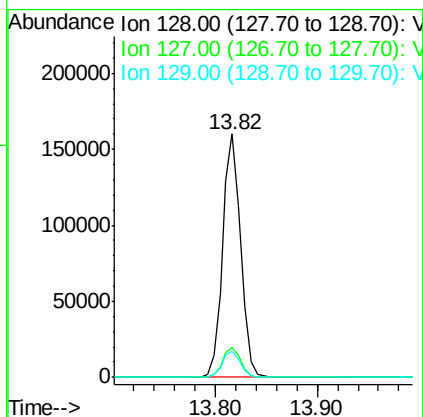
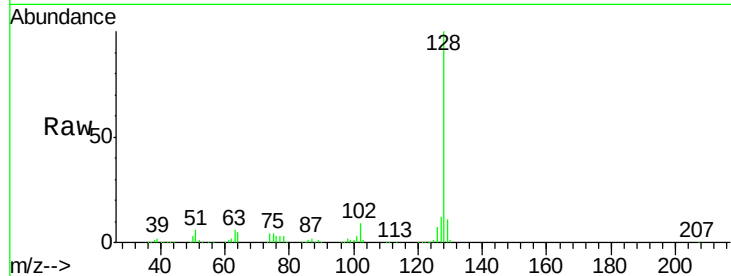
#95
Naphthalene
Concen: 18.708 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.3	15.5
129	11.0	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/21/2020 1:04:56 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.126 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX018986.D
Acq: 20 Oct 2020 20:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.8	143.4
145	32.3	17.0	51.0

