

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102020\
 Data File : VX018987.D
 Acq On : 20 Oct 2020 20:44
 Operator : JC/SP
 Sample : VX1020WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/21/2020 1:04:50 PM

Quant Time: Oct 21 03:53:43 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	5.63	168	155609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	283457	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	270512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	141419	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	107112	52.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.74%	
35) Dibromofluoromethane	5.46	113	88120	49.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.38%	
50) Toluene-d8	8.70	98	355698	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
62) 4-Bromofluorobenzene	11.12	95	132722	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	27311	21.125	ug/l 99
3) Chloromethane	1.31	50	31030	20.672	ug/l 97
4) Vinyl Chloride	1.39	62	41464	20.369	ug/l 100
5) Bromomethane	1.63	94	42998	26.662	ug/l 94
6) Chloroethane	1.71	64	31154	20.491	ug/l 99
7) Trichlorofluoromethane	1.92	101	73551	20.832	ug/l 99
8) Diethyl Ether	2.17	74	29508	20.811	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	27899	15.655	ug/l 98
10) Methyl Iodide	2.49	142	30671	18.049	ug/l 99
11) Tert butyl alcohol	3.01	59	46017	98.092	ug/l 99
12) 1,1-Dichloroethene	2.36	96	29382	14.740	ug/l 96
13) Acrolein	2.27	56	23279	86.170	ug/l 98
14) Allyl chloride	2.70	41	39335	19.316	ug/l 99
15) Acrylonitrile	3.12	53	80315	98.632	ug/l 99
16) Acetone	2.42	43	69311	97.315	ug/l 98
17) Carbon Disulfide	2.55	76	84105	19.132	ug/l 100
18) Methyl Acetate	2.75	43	38671	22.407	ug/l 97
19) Methyl tert-butyl Ether	3.17	73	98635	19.304	ug/l 100
20) Methylene Chloride	2.83	84	35006	19.021	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	35446	19.280	ug/l 98
22) Diisopropyl ether	3.82	45	80665	19.267	ug/l 96
23) Vinyl Acetate	3.78	43	381452	96.602	ug/l 99
24) 1,1-Dichloroethane	3.67	63	58592	19.601	ug/l 98
25) 2-Butanone	4.64	43	115232	100.155	ug/l 97
26) 2,2-Dichloropropane	4.55	77	50438	17.592	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	40620	18.907	ug/l 99
28) Bromochloromethane	4.98	49	26905	20.871	ug/l 100
29) Tetrahydrofuran	5.09	42	66353	97.837	ug/l 99
30) Chloroform	5.18	83	64275	19.283	ug/l 98
31) Cyclohexane	5.54	56	45803	19.155	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	57676	19.249	ug/l 99
36) 1,1-Dichloropropene	5.77	75	49121	18.543	ug/l 99
37) Ethyl Acetate	4.79	43	44195	19.298	ug/l 99
38) Carbon Tetrachloride	5.75	117	48595	18.229	ug/l 96

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	53067	18.541	ug/l	96
40) Benzene	6.11	78	145982	18.945	ug/l	97
41) Methacrylonitrile	5.01	41	23174	18.929	ug/l	96
42) 1,2-Dichloroethane	6.16	62	50575	19.136	ug/l	100
43) Isopropyl Acetate	6.42	43	72441	18.772	ug/l	99
44) Trichloroethene	7.19	130	38840	18.203	ug/l	98
45) 1,2-Dichloropropane	7.49	63	35055	18.688	ug/l	99
46) Dibromomethane	7.63	93	26610	18.901	ug/l	99
47) Bromodichloromethane	7.87	83	51602	18.475	ug/l	93
48) Methyl methacrylate	7.74	41	35416	18.589	ug/l	97
49) 1,4-Dioxane	7.71	88	19023	376.648	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	229714	96.407	ug/l	100
52) Toluene	8.77	92	97319	18.880	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	57962	18.163	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	61680	18.599	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	39284	18.735	ug/l	98
56) Ethyl methacrylate	9.16	69	58066	18.786	ug/l	97
57) 1,3-Dichloropropane	9.35	76	65011	19.222	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	151627	95.231	ug/l	100
59) 2-Hexanone	9.47	43	178610	96.528	ug/l	100
60) Dibromochloromethane	9.56	129	41340	17.853	ug/l	98
61) 1,2-Dibromoethane	9.65	107	42158	18.743	ug/l	97
64) Tetrachloroethene	9.32	164	34419	18.058	ug/l	94
65) Chlorobenzene	10.12	112	105924	18.576	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	37202	18.306	ug/l	99
67) Ethyl Benzene	10.23	91	187808	19.007	ug/l	97
68) m/p-Xylenes	10.34	106	143313	36.792	ug/l	96
69) o-Xylene	10.68	106	68396	18.333	ug/l	98
70) Styrene	10.70	104	116194	18.156	ug/l	98
71) Bromoform	10.84	173	29031	16.954	ug/l #	99
73) Isopropylbenzene	11.00	105	183709	19.259	ug/l	99
74) N-amyl acetate	10.88	43	60901	18.684	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	63330	19.718	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	57244m	19.695	ug/l	
77) Bromobenzene	11.24	156	43979	18.545	ug/l	94
78) n-propylbenzene	11.34	91	213584	19.477	ug/l	98
79) 2-Chlorotoluene	11.40	91	126599	19.578	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	158136	19.264	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.05	75	19605	17.792	ug/l	93
82) 4-Chlorotoluene	11.49	91	153047	19.296	ug/l	96
83) tert-Butylbenzene	11.76	119	153917	19.253	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	161354	19.495	ug/l	98
85) sec-Butylbenzene	11.93	105	185146	19.372	ug/l	98
86) p-Isopropyltoluene	12.05	119	168345	18.729	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	83006	17.975	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	88178	18.485	ug/l	97
89) n-Butylbenzene	12.37	91	158593	18.888	ug/l	98
90) Hexachloroethane	12.58	117	26062	18.493	ug/l	93
91) 1,2-Dichlorobenzene	12.37	146	82859	18.479	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	15099	19.136	ug/l	88

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Quant Title : SW846 8260
QLast Update : Tue Oct 20 19:16:32 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	54615	17.387	ug/l	96
94) Hexachlorobutadiene	13.77	225	22033	17.276	ug/l	95
95) Naphthalene	13.82	128	197225	18.817	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	53090	17.900	ug/l	100

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

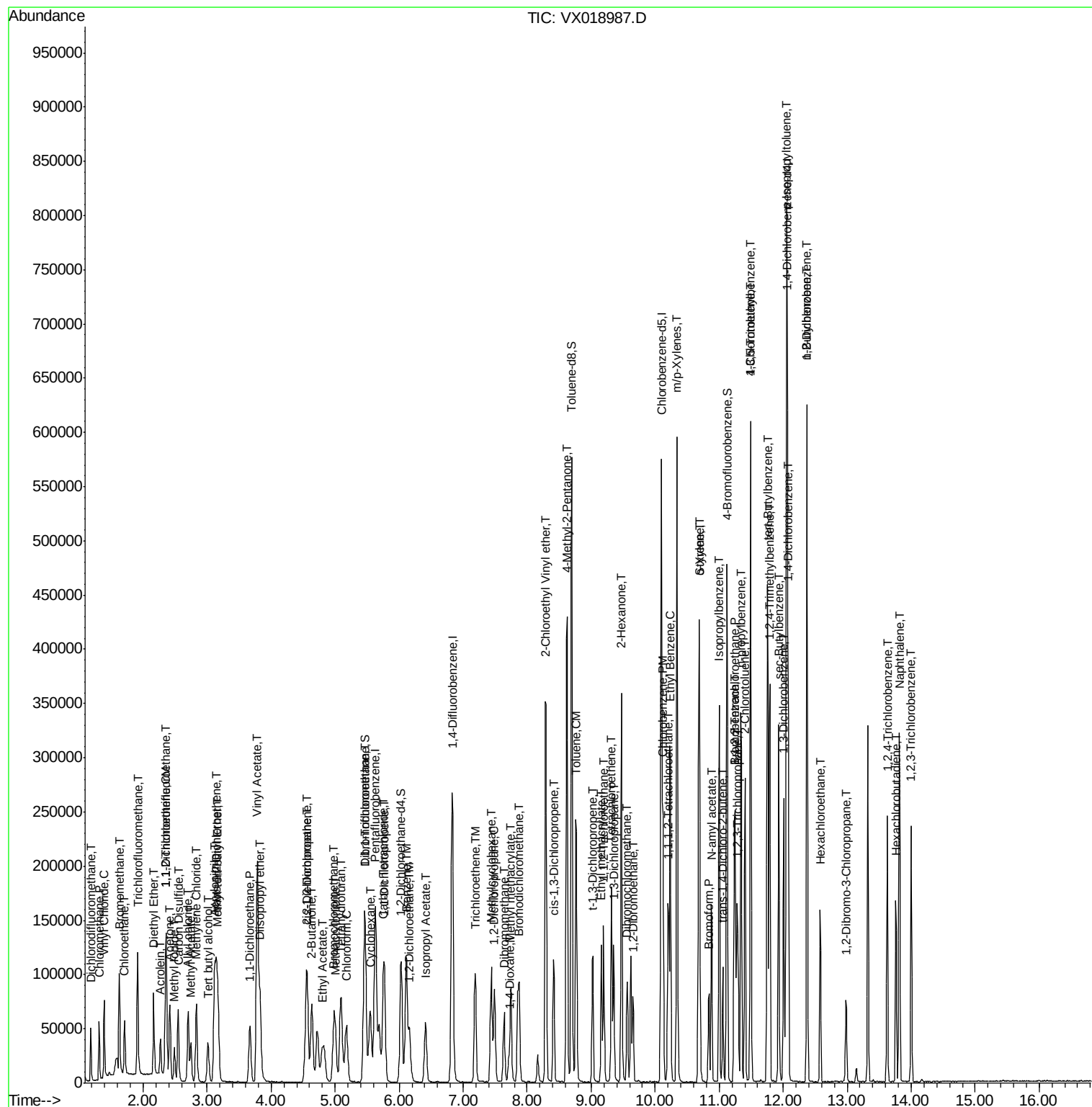
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 Data File : VX018987.D
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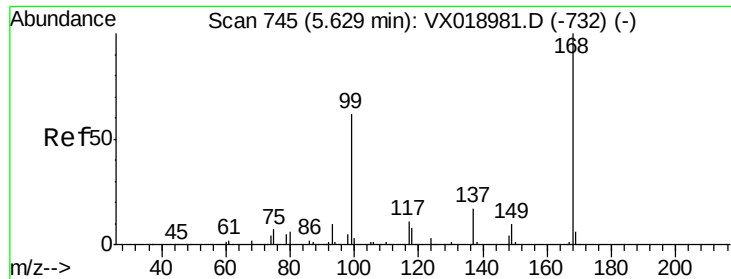
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBSD01

Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018987.D

Acq: 20 Oct 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBSD01

Tot Ion:168 Resp: 155609

Ion Ratio Lower Upper

168 100

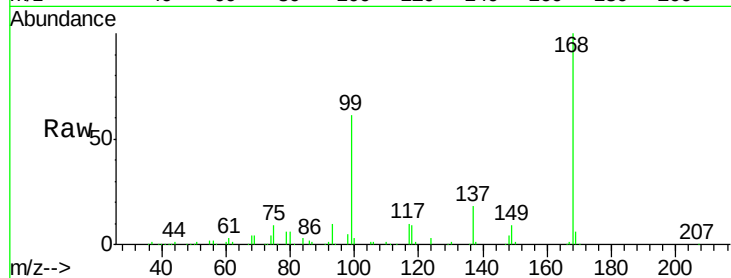
99 60.5 49.7 74.5

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

60000

50000

40000

30000

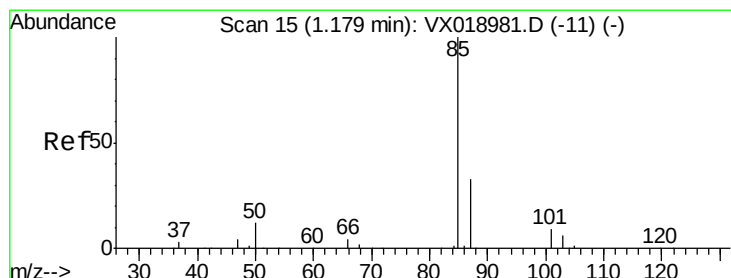
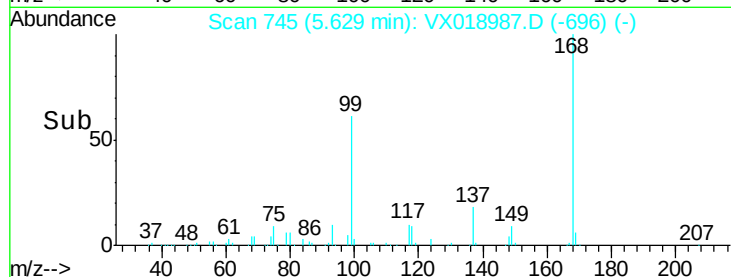
20000

10000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 21.125 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX018987.D

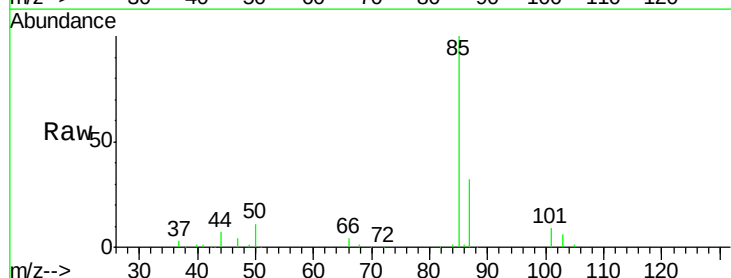
Acq: 20 Oct 2020 20:44

Tgt Ion: 85 Resp: 27311

Ion Ratio Lower Upper

85 100

87 32.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

30000

25000

20000

15000

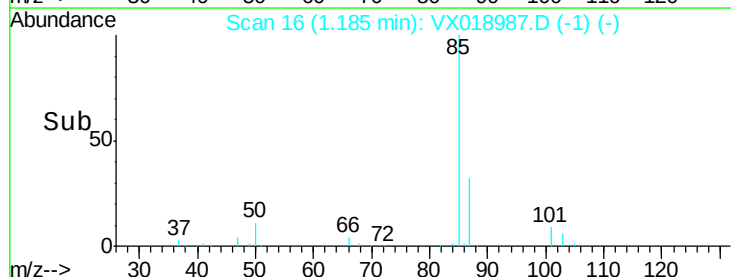
10000

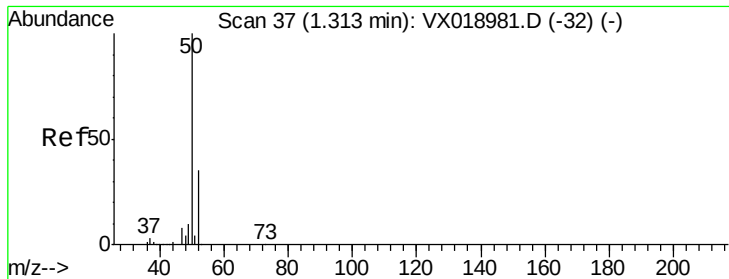
5000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 20.672 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018987.D

Acq: 20 Oct 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBSD01

Tot Ion: 50 Resp: 31030

Ion Ratio Lower Upper

50 100

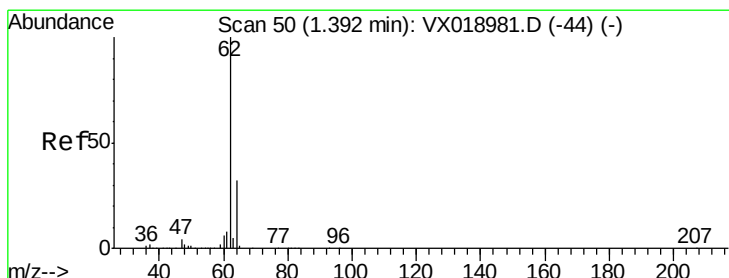
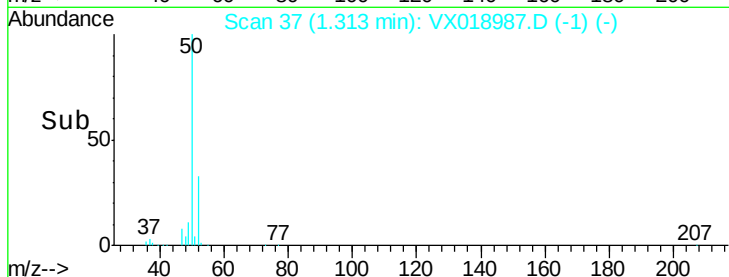
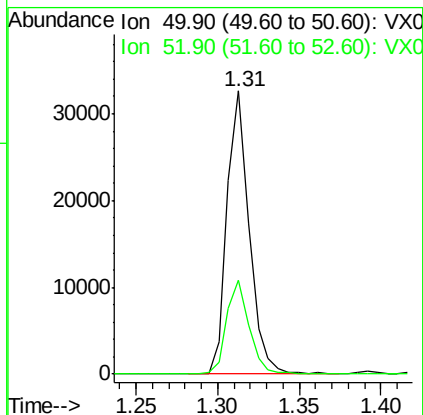
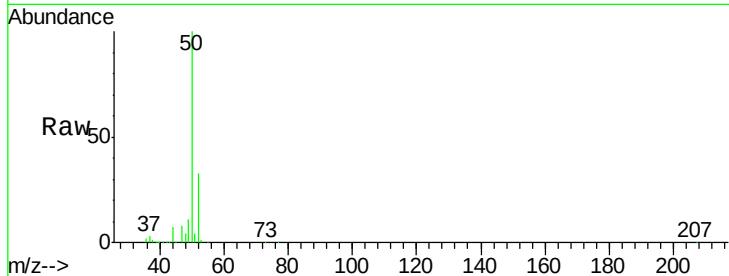
52 33.0 27.7 41.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.369 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018987.D

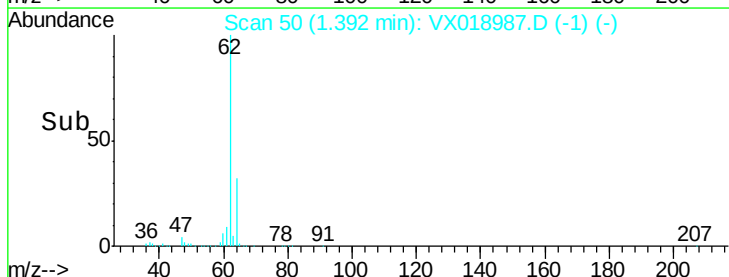
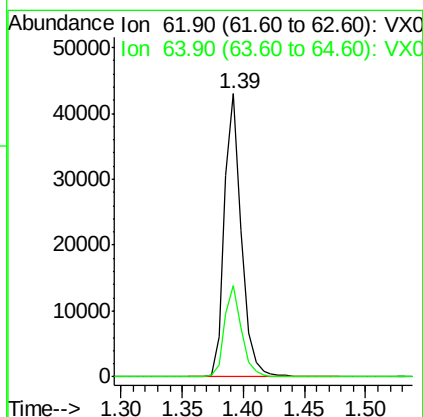
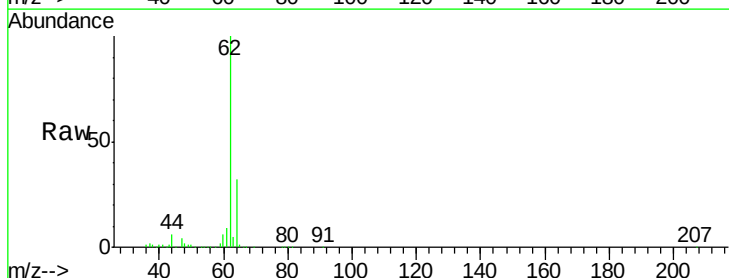
Acq: 20 Oct 2020 20:44

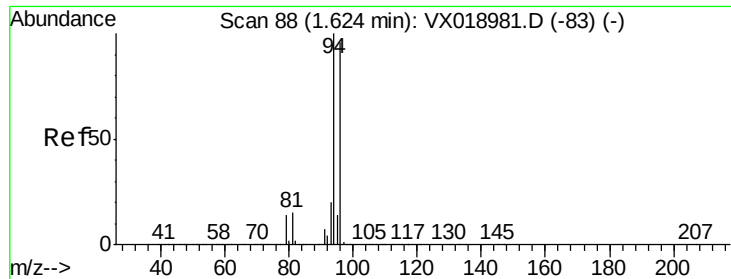
Tgt Ion: 62 Resp: 41464

Ion Ratio Lower Upper

62 100

64 32.4 25.8 38.8





#5

Bromomethane

Concen: 26.662 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018987.D

Acq: 20 Oct 2020 20:44

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ClientSampleId :

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Tot Ion: 94 Resp: 42998

Ion Ratio Lower Upper

94 100

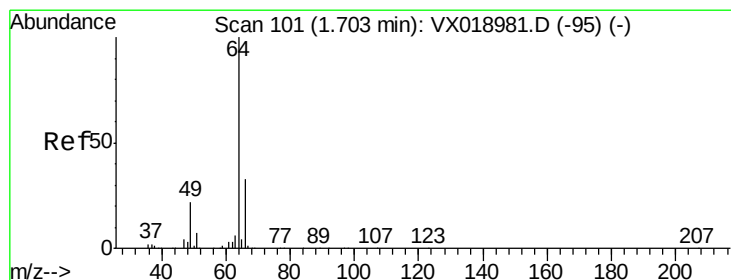
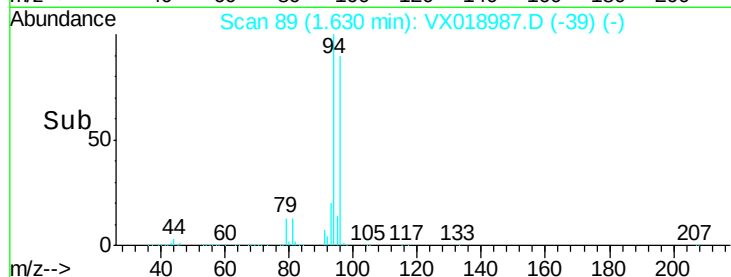
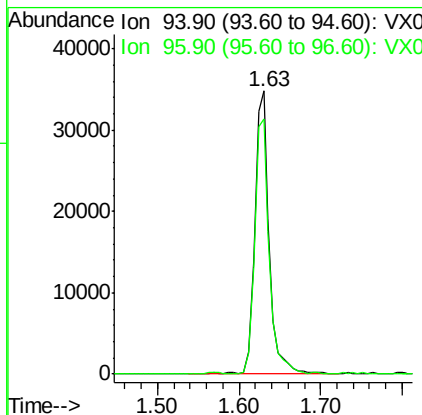
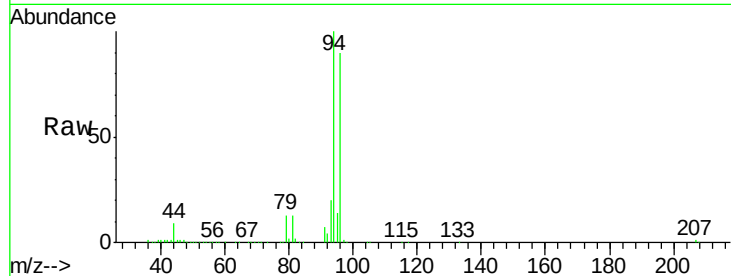
96 90.0 76.4 114.6

Manual Integrations

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#6

Chloroethane

Concen: 20.491 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX018987.D

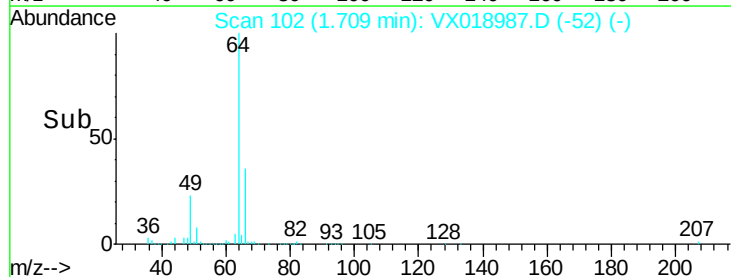
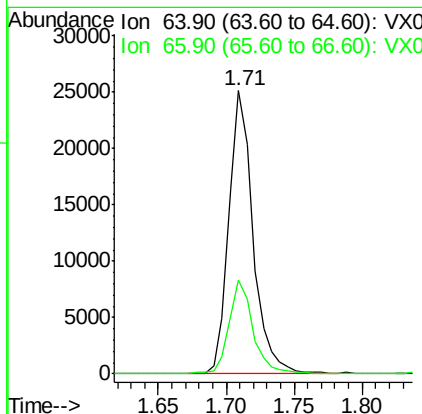
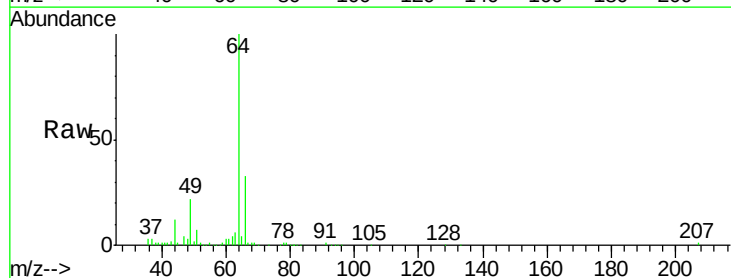
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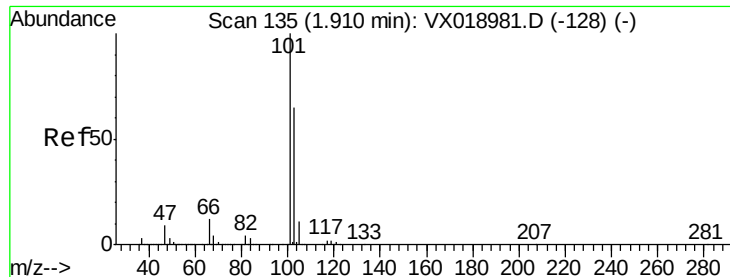
Tgt Ion: 64 Resp: 31154

Ion Ratio Lower Upper

64 100

66 33.4 26.3 39.5





#7

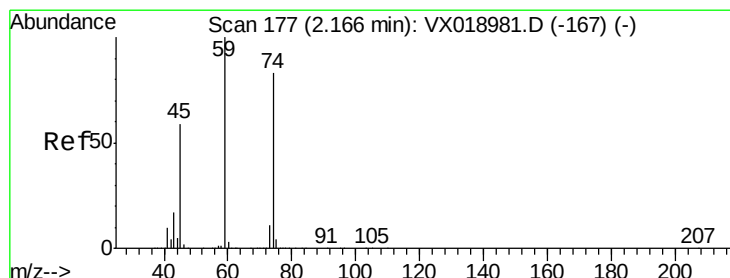
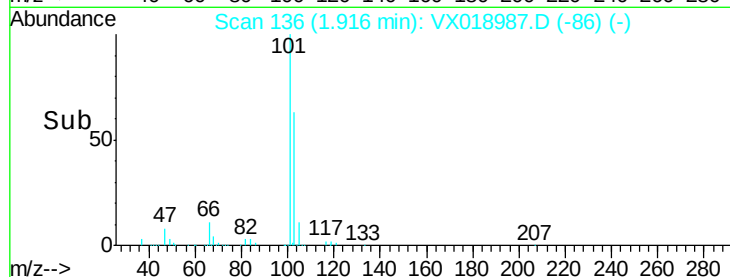
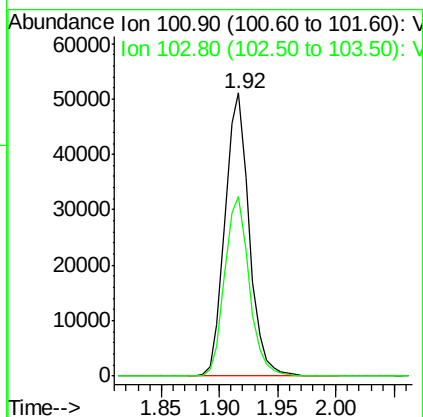
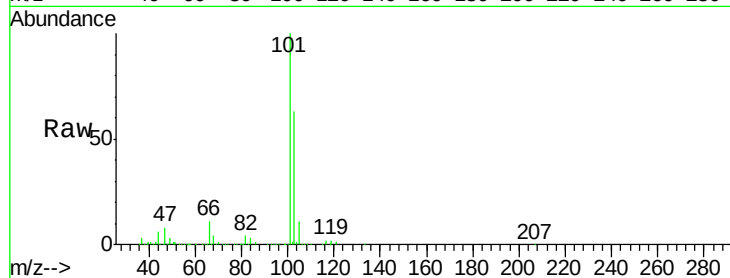
Trichlorofluoromethane
Concen: 20.832 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX018987.D
Acq: 20 Oct 2020 20:44

Instrument :
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ClientSampleId :
VX1020WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	51.6	77.4

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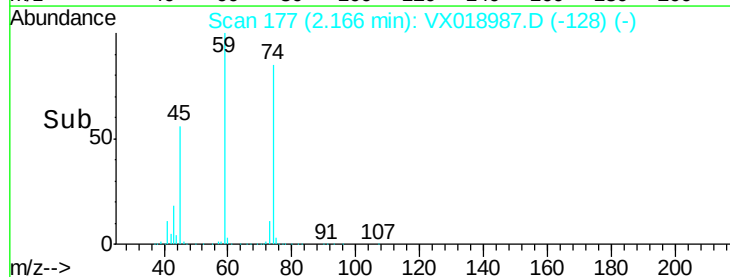
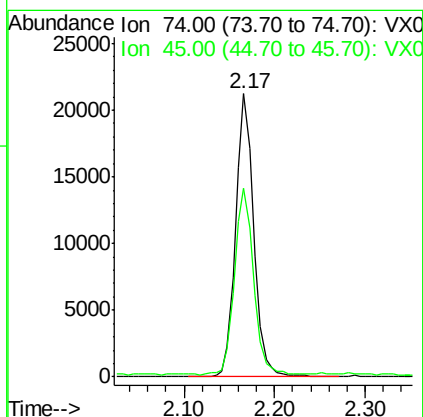
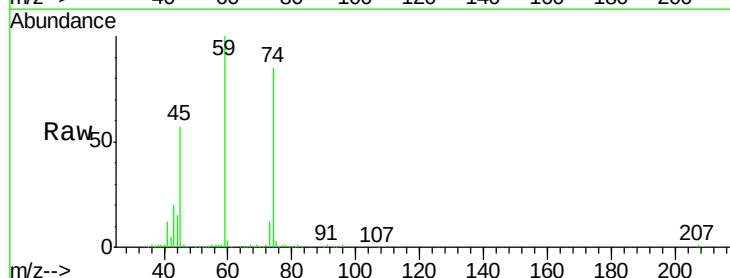
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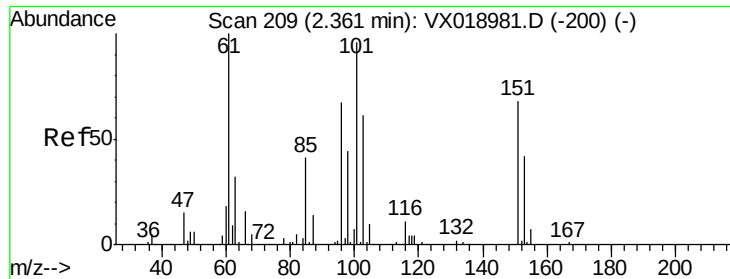


#8

Diethyl Ether
Concen: 20.811 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX018987.D
Acq: 20 Oct 2020 20:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	68.9	36.0	108.1





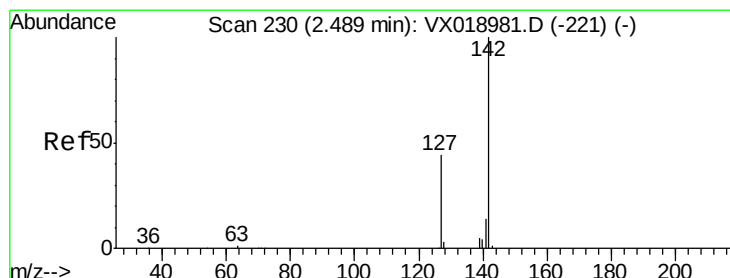
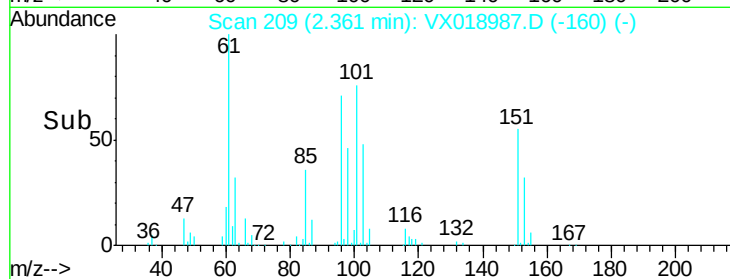
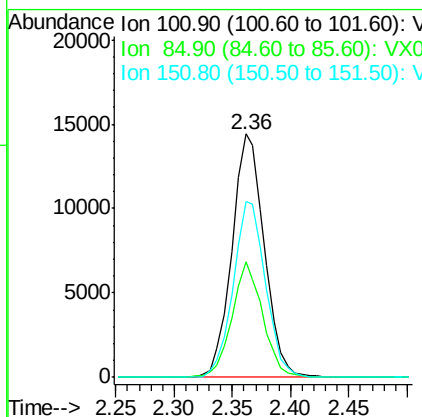
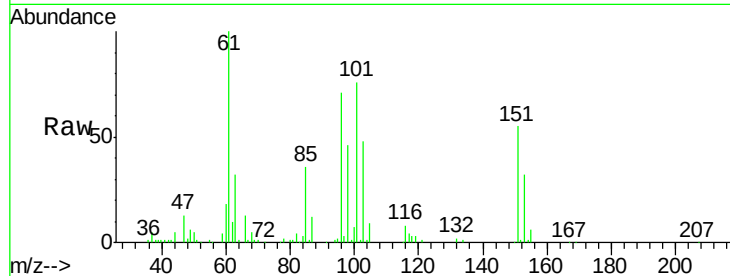
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 15.655 ug/l
 RT: 2.36 min Scan# 209
 Delta R.T. 0.00 min
 Lab File: VX018987.D
 Acq: 20 Oct 2020 20:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	27899		
85	45.0		34.9	52.3
151	72.1		56.1	84.1

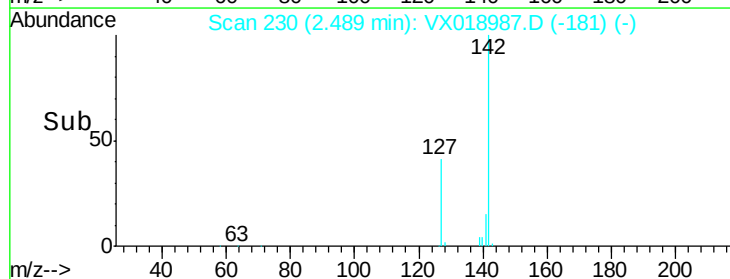
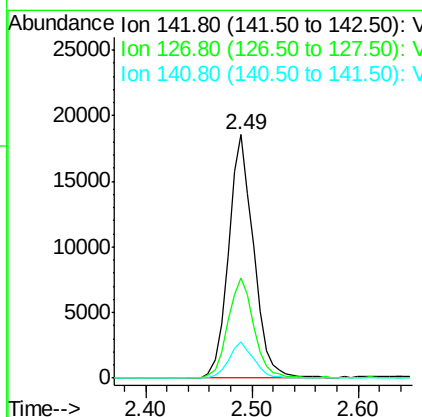
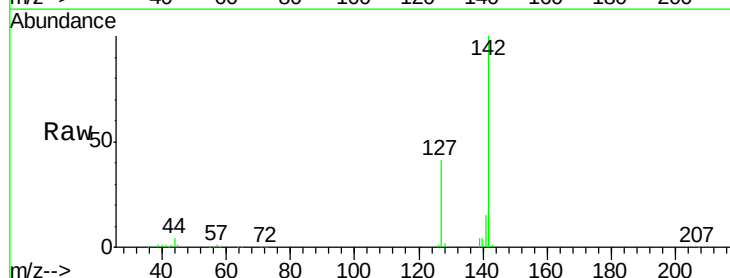
Manual Integrations
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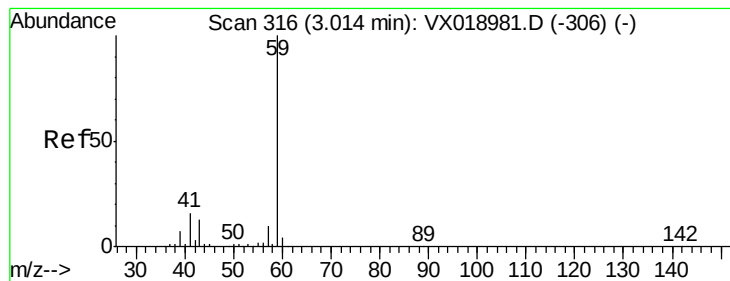
MMDadoda
 10/21/2020 1:04:50 PM



#10
 Methyl Iodide
 Concen: 18.049 ug/l
 RT: 2.49 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VX018987.D
 Acq: 20 Oct 2020 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	30671		
127	42.4		34.2	51.2
141	14.5		11.3	16.9





#11

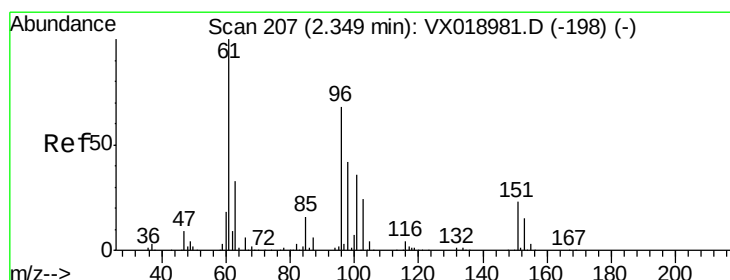
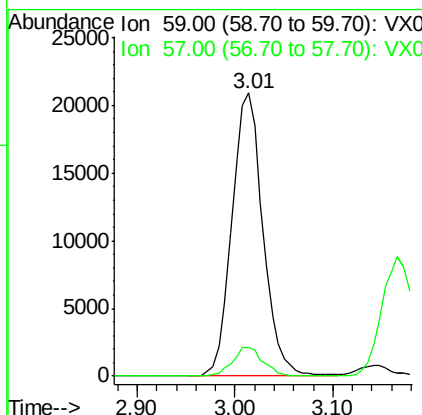
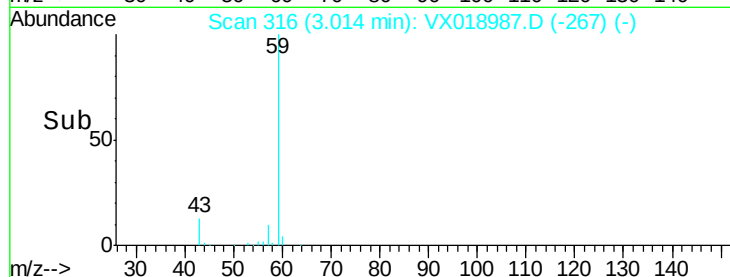
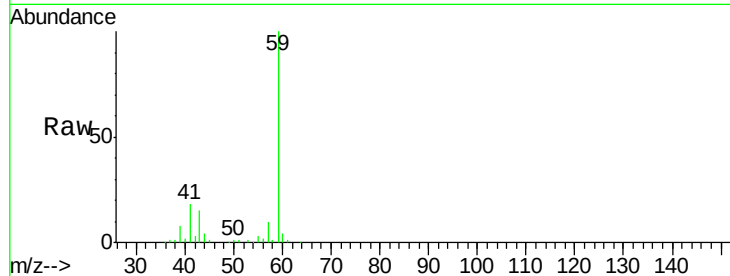
Tert butyl alcohol
 Concen: 98.092 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX018987.D
 Acq: 20 Oct 2020 20:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.3	12.5

Manual Integrations
 APPROVED

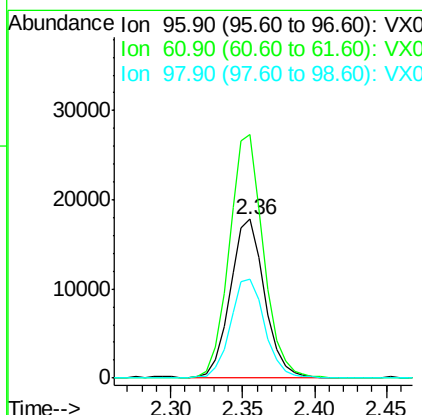
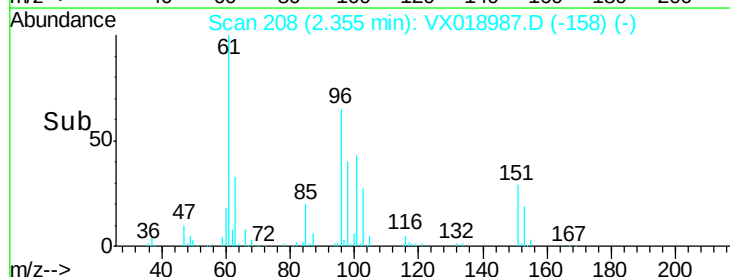
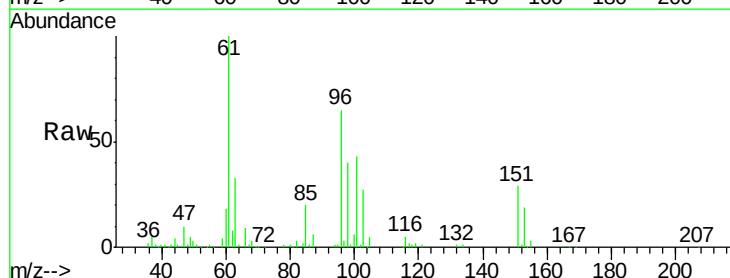
MMDadoda
 10/21/2020 1:04:50 PM

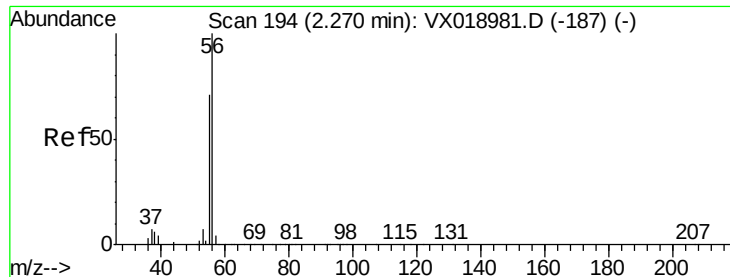


#12

1,1-Dichloroethene
 Concen: 14.740 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.01 min
 Lab File: VX018987.D
 Acq: 20 Oct 2020 20:44

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.9	117.4	176.0
98	62.2	48.9	73.3





#13

Acrolein

Concen: 86.170 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX018987.D

Acq: 20 Oct 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBSD01

Tot Ion: 56 Resp: 23279

Ion Ratio Lower Upper

56 100

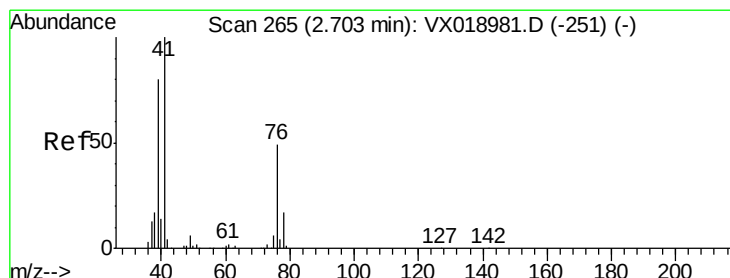
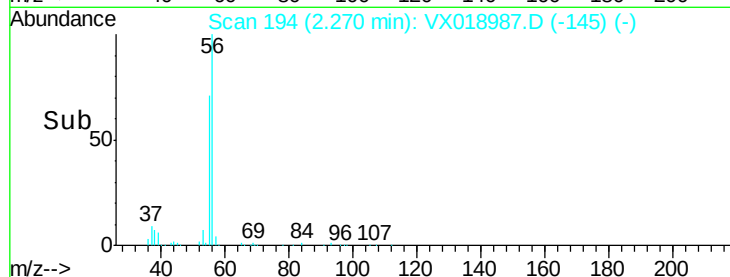
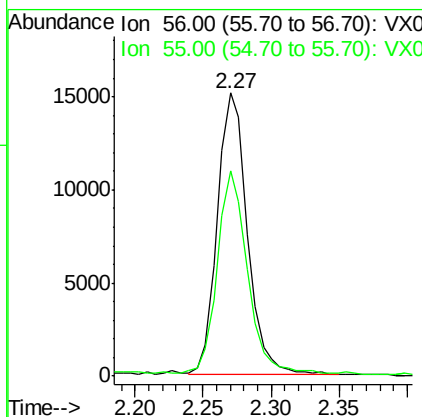
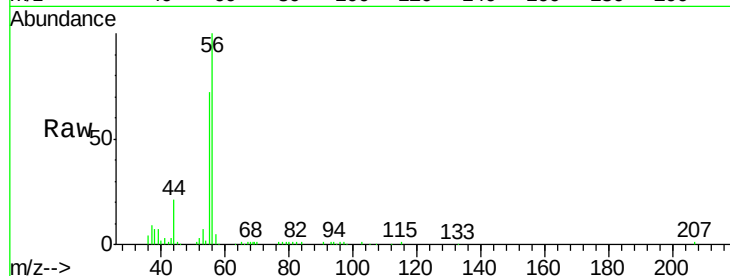
55 71.2 55.4 83.2

Manual Integrations

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#14

Allyl chloride

Concen: 19.316 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX018987.D

Acq: 20 Oct 2020 20:44

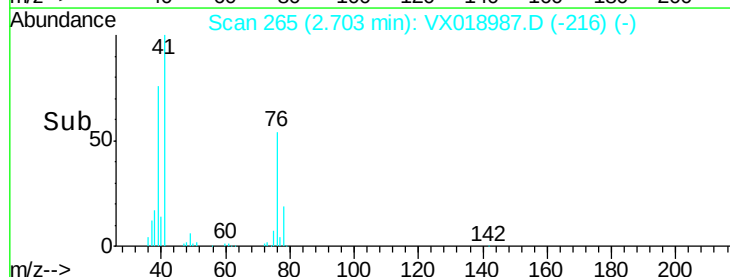
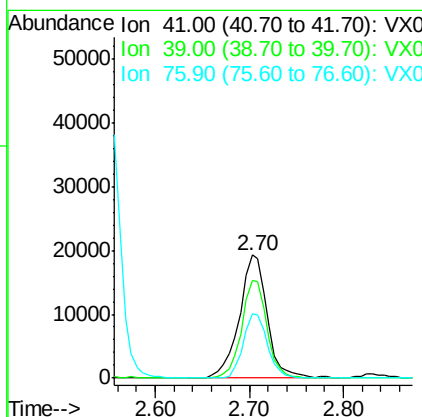
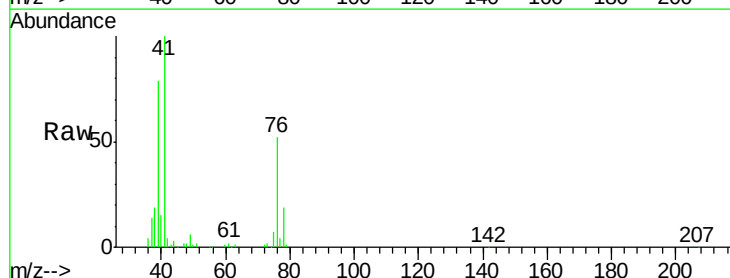
Tgt Ion: 41 Resp: 39335

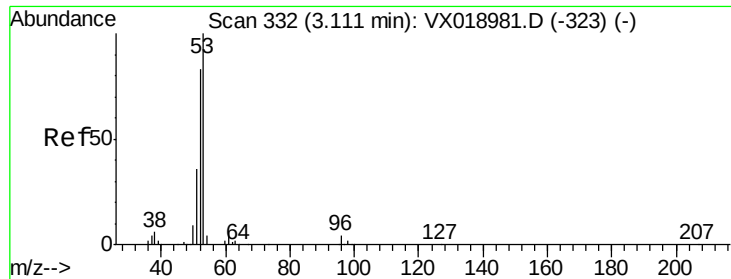
Ion Ratio Lower Upper

41 100

39 71.9 57.8 86.8

76 46.7 36.2 54.4





#15

Acrylonitrile

Concen: 98.632 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.01 min

Lab File: VX018987.D

Acq: 20 Oct 2020 20:44

Instrument :

MSVOA_X

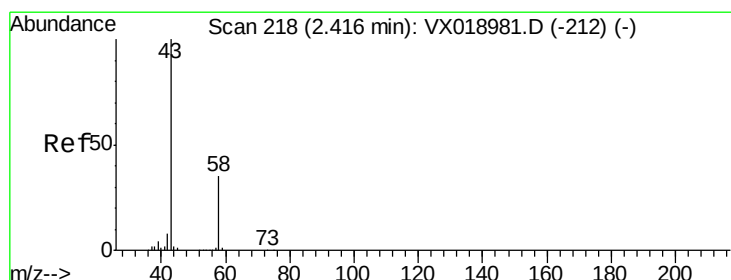
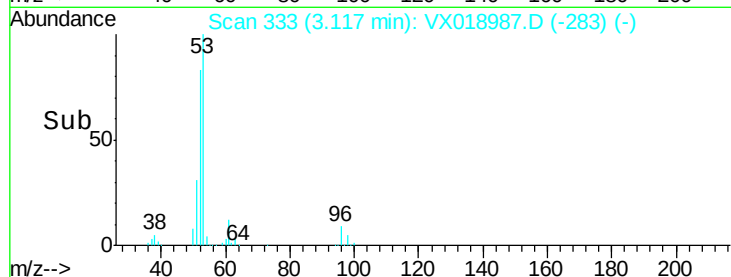
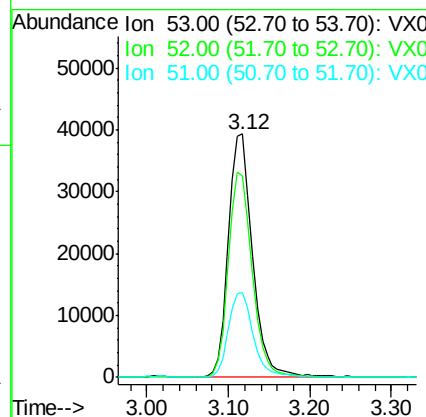
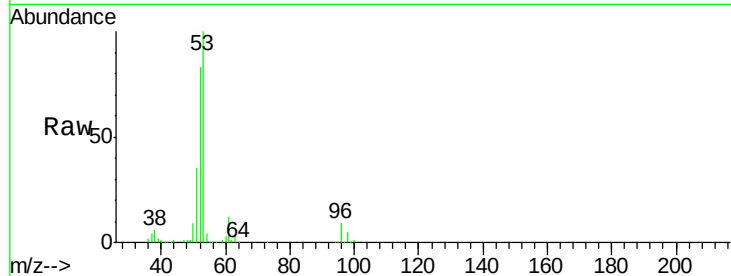
ClientSampleId :

VX1020WBSD01

Tot Ion:	53	Resp:	80315
Ion Ratio	Lower	Upper	
53	100		
52	83.5	65.5	98.3
51	35.5	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 97.315 ug/l

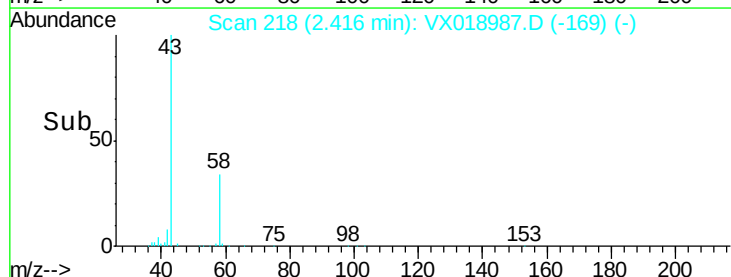
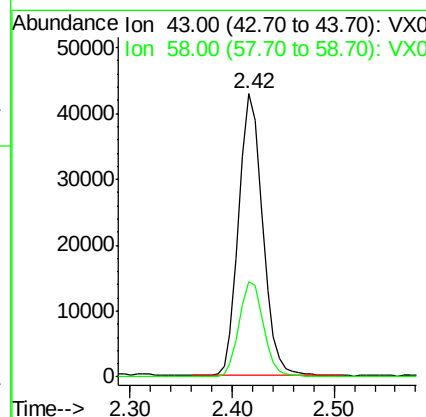
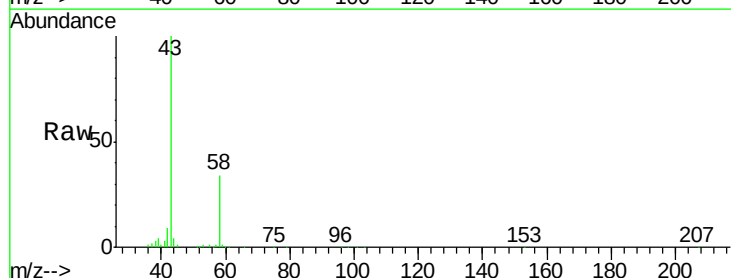
RT: 2.42 min Scan# 218

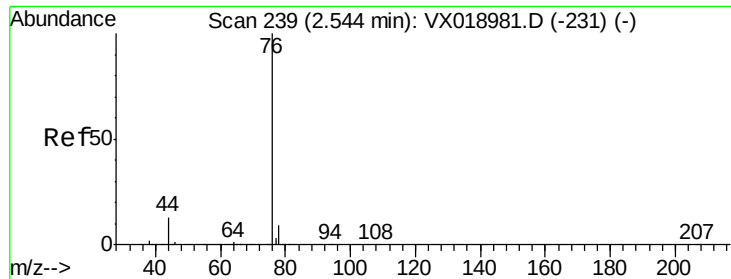
Delta R.T. -0.00 min

Lab File: VX018987.D

Acq: 20 Oct 2020 20:44

Tgt Ion:	43	Resp:	69311
Ion Ratio	Lower	Upper	
43	100		
58	33.9	27.9	41.9





#17

Carbon Disulfide

Concen: 19.132 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.01 min

Lab File: VX018987.D

Acq: 20 Oct 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBSD01

Tot Ion: 76 Resp: 84105

Ion Ratio Lower Upper

76 100

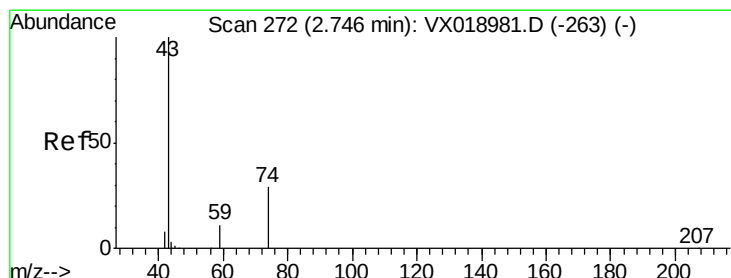
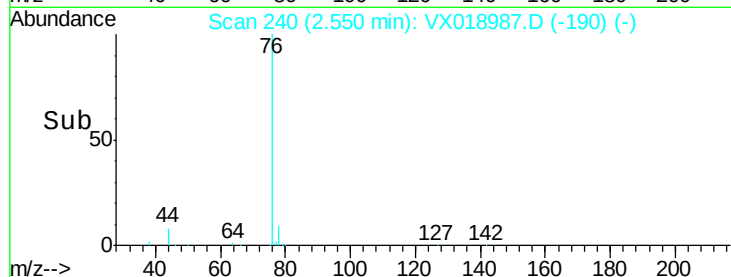
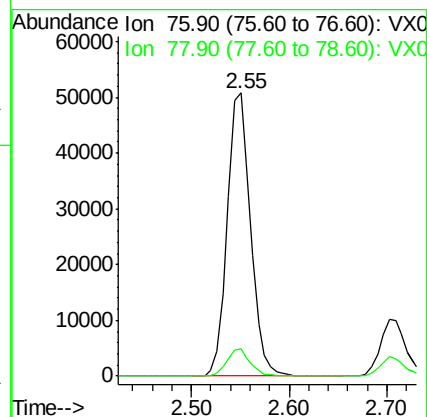
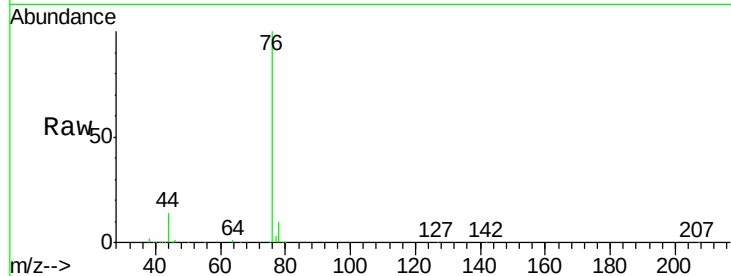
78 9.6 7.6 11.4

Manual Integrations

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#18

Methyl Acetate

Concen: 22.407 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX018987.D

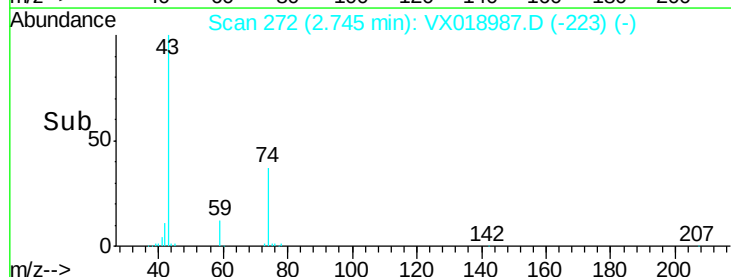
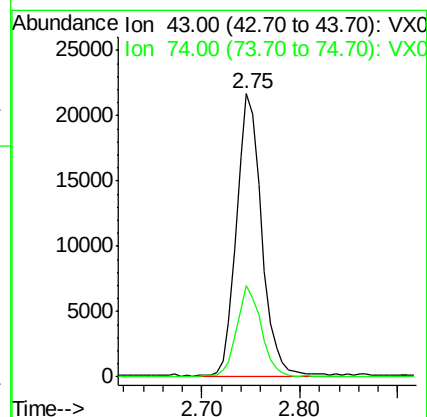
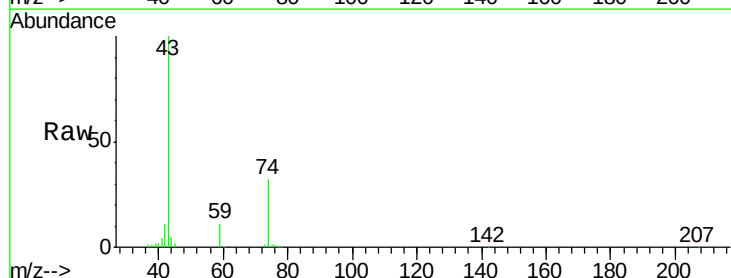
Acq: 20 Oct 2020 20:44

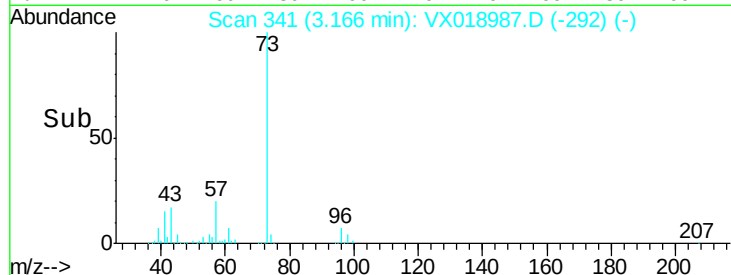
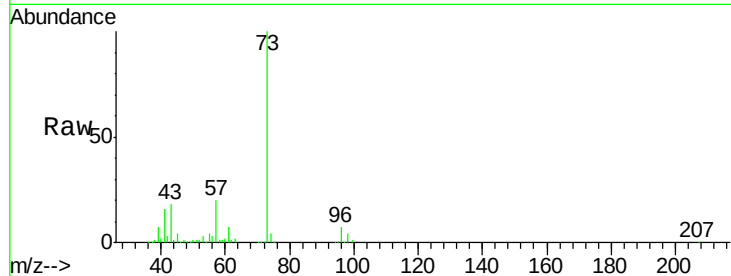
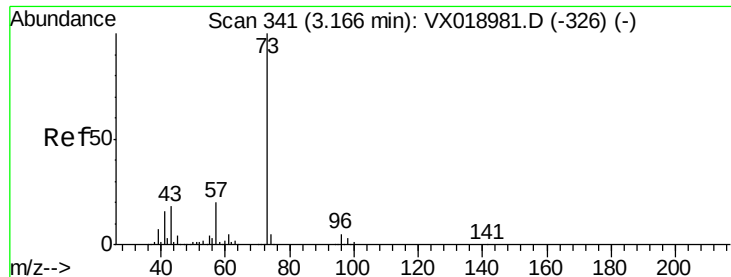
Tgt Ion: 43 Resp: 38671

Ion Ratio Lower Upper

43 100

74 31.7 24.1 36.1





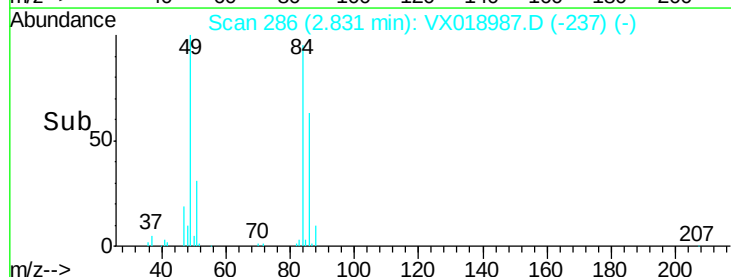
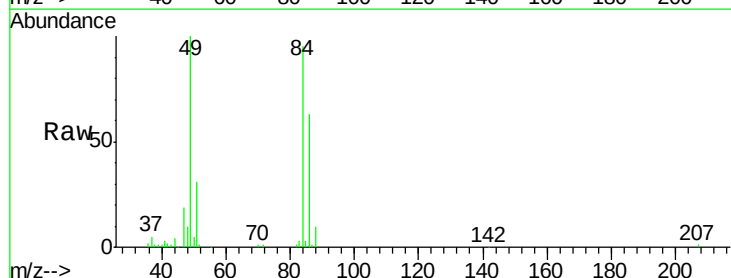
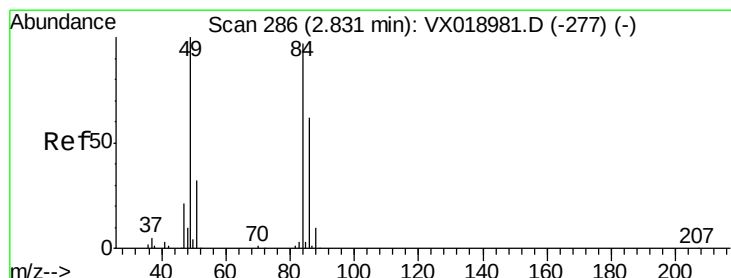
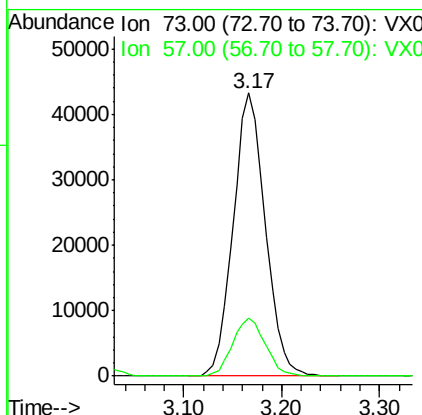
#19
Methyl tert-butyl Ether
Concen: 19.304 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX018987.D
Acq: 20 Oct 2020 20:44

Tot Ion	73	Resp	98635
Ion Ratio	100	Lower	Upper
73	100		
57	20.3	16.2	24.2

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

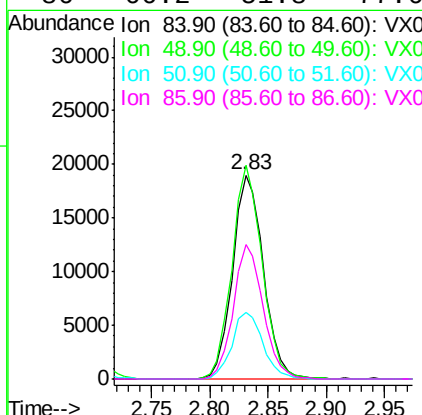
Manual Integrations
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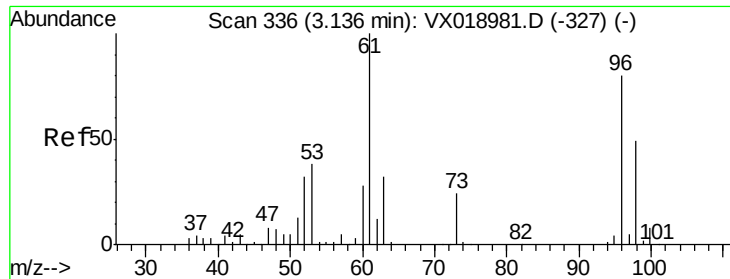
MMDadoda
10/21/2020 1:04:50 PM



#20
Methylene Chloride
Concen: 19.021 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX018987.D
Acq: 20 Oct 2020 20:44

Tgt Ion	84	Resp	35006
Ion Ratio	100	Lower	Upper
84	100		
49	104.8	82.9	124.3
51	32.8	26.4	39.6
86	66.2	51.8	77.6





#21

trans-1,2-Dichloroethene

Concen: 19.280 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX018987.D

Acq: 20 Oct 2020 20:44

Instrument :

MSVOA_X

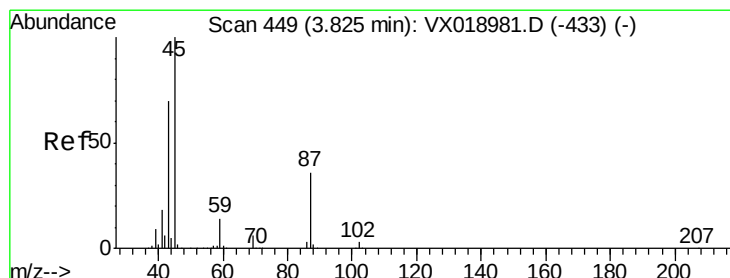
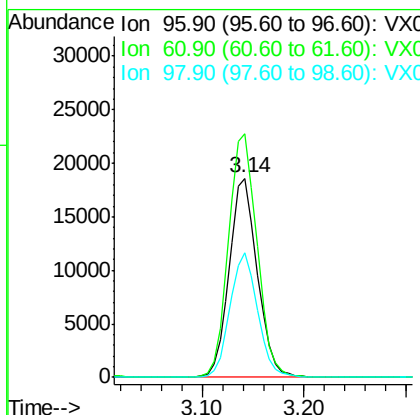
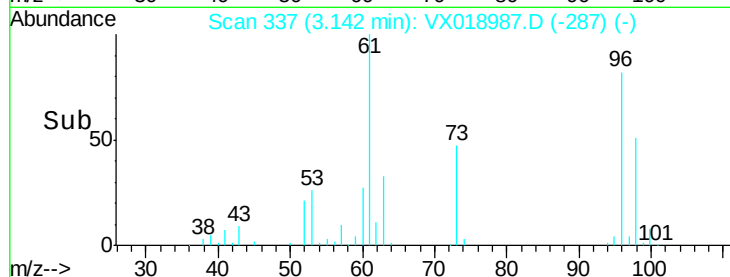
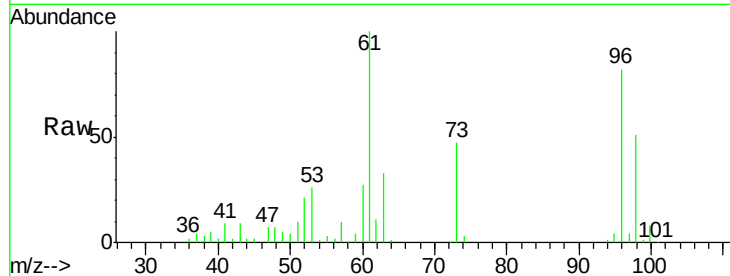
ClientSampleId :

VX1020WBSD01

Tot Ion:	96	Resp:	35446
Ion	Ratio	Lower	Upper
96	100		
61	122.2	99.8	149.8
98	62.6	49.1	73.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.267 ug/l

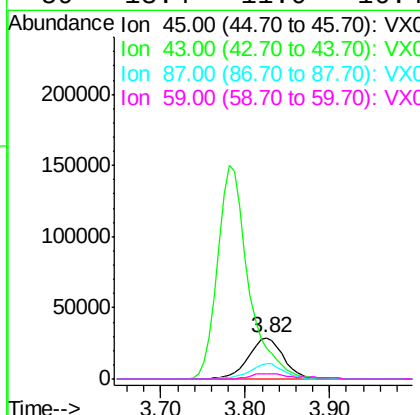
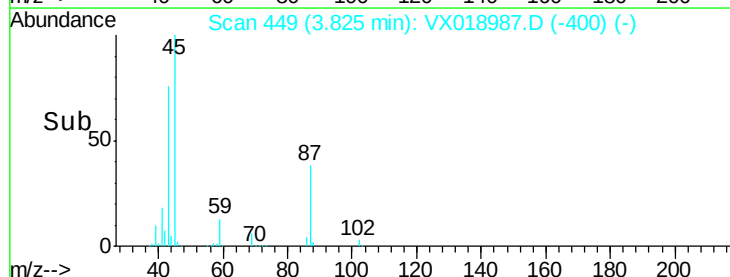
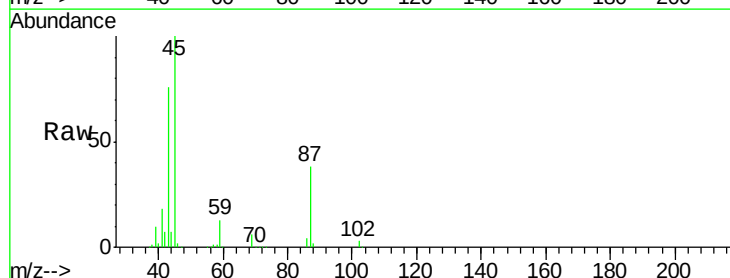
RT: 3.82 min Scan# 449

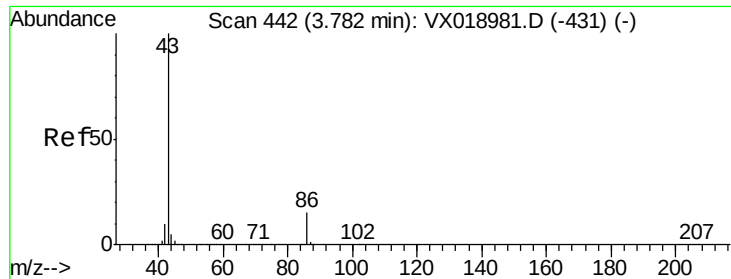
Delta R.T. -0.00 min

Lab File: VX018987.D

Acq: 20 Oct 2020 20:44

Tgt Ion:	45	Resp:	80665
Ion	Ratio	Lower	Upper
45	100		
43	74.7	56.1	84.1
87	37.5	29.2	43.8
59	13.4	11.0	16.4





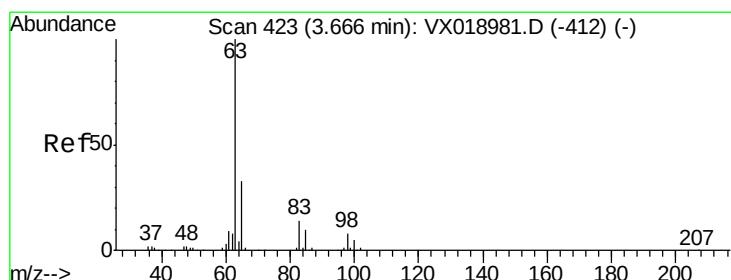
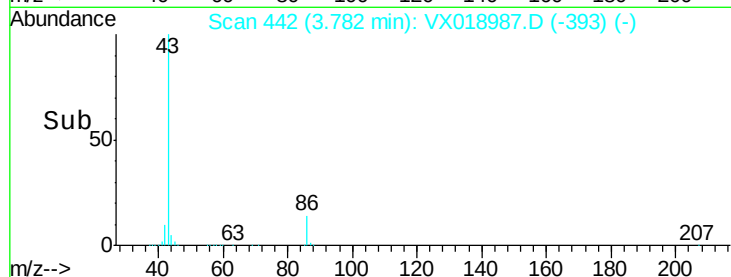
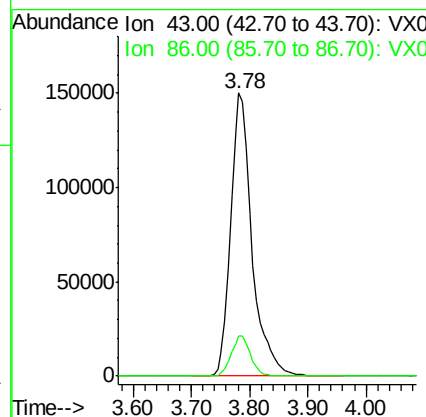
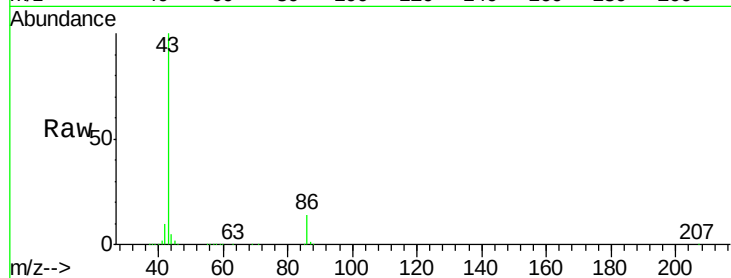
#23
 Vinyl Acetate
 Concen: 96.602 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: VX018987.D
 Acq: 20 Oct 2020 20:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBSD01

Tot Ion	43	Resp	381452
Ion Ratio	100	Lower	Upper
43	100		
86	14.4	11.8	17.6

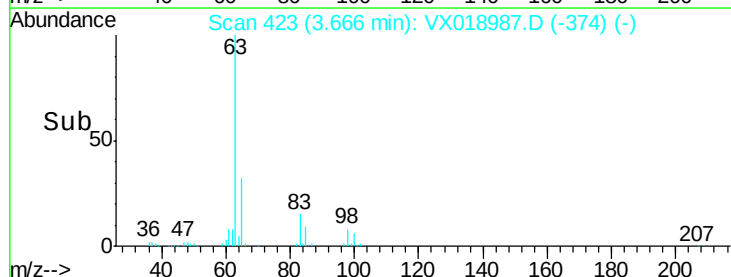
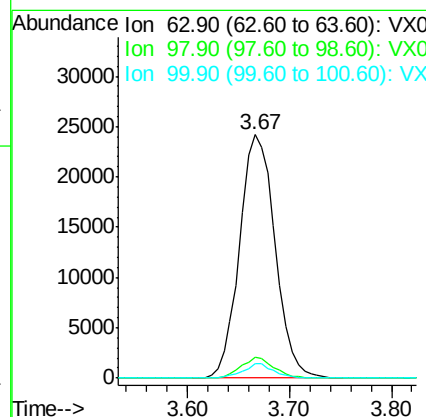
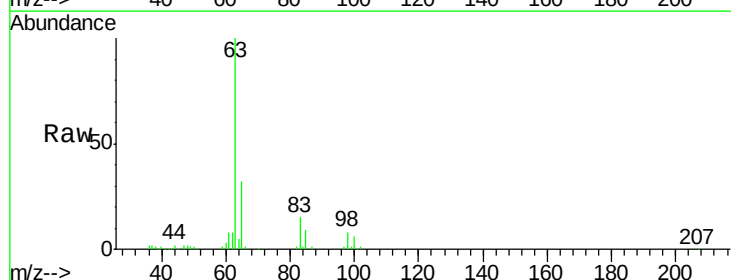
Manual Integrations
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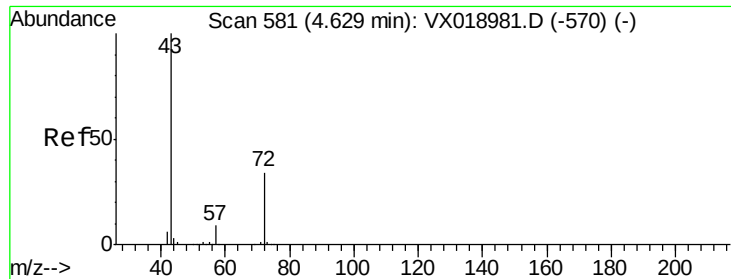
MMDadoda
 10/21/2020 1:04:50 PM



#24
 1,1-Dichloroethane
 Concen: 19.601 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: VX018987.D
 Acq: 20 Oct 2020 20:44

Tgt Ion	63	Resp	58592
Ion Ratio	100	Lower	Upper
63	100		
98	8.4	3.9	11.5
100	5.8	2.4	7.1





#25

2-Butanone

Concen: 100.155 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX018987.D

Acq: 20 Oct 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBSD01

Tot Ion: 43 Resp: 115232

Ion Ratio Lower Upper

43 100

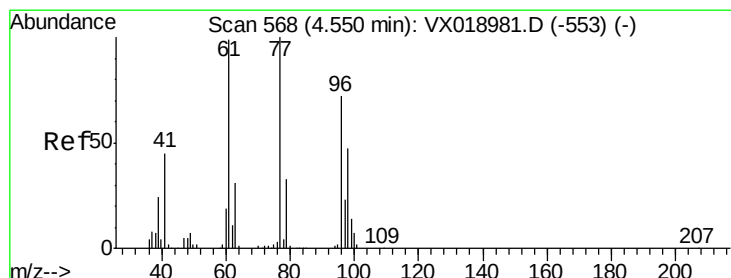
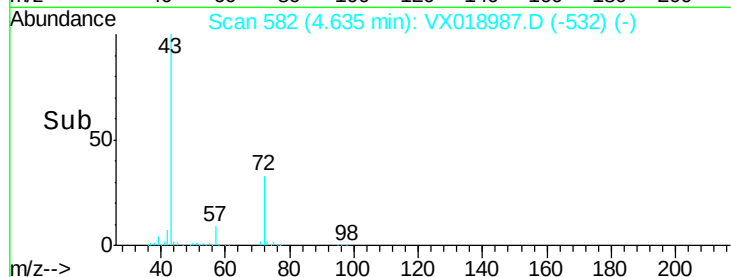
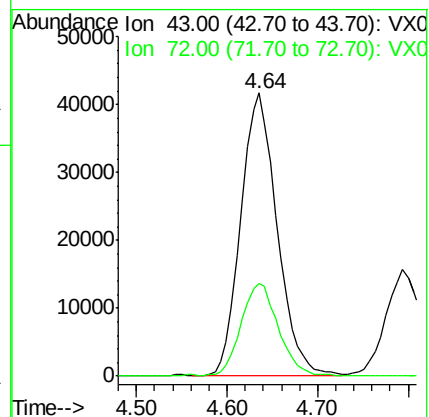
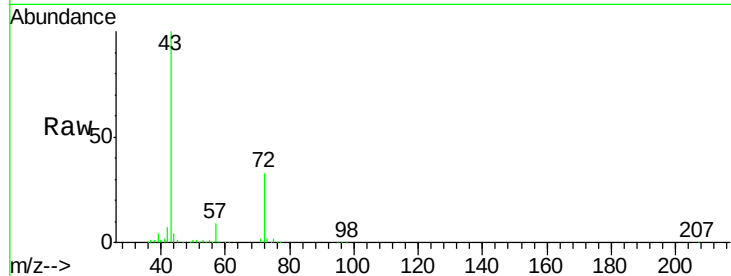
72 32.6 27.3 40.9

Manual Integrations

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10/21/2020 1:04:50 PM



#26

2,2-Dichloropropane

Concen: 17.592 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018987.D

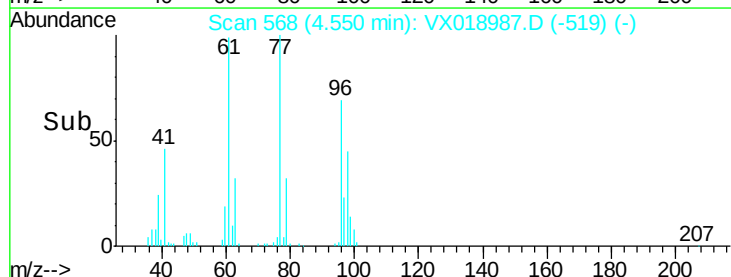
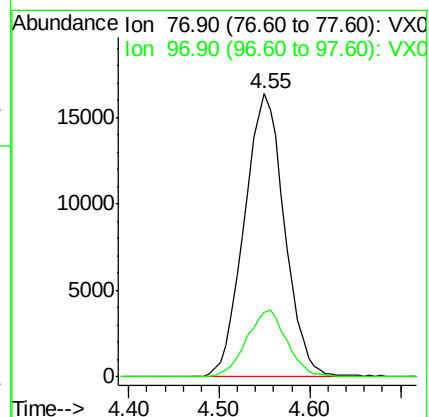
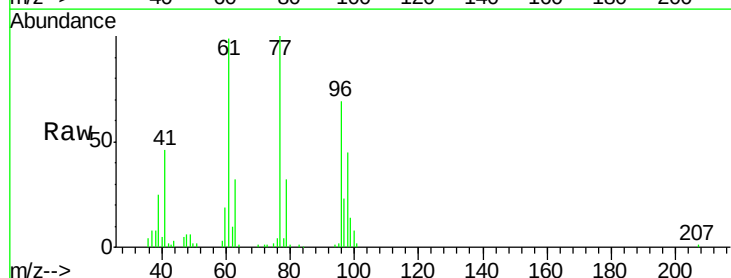
Acq: 20 Oct 2020 20:44

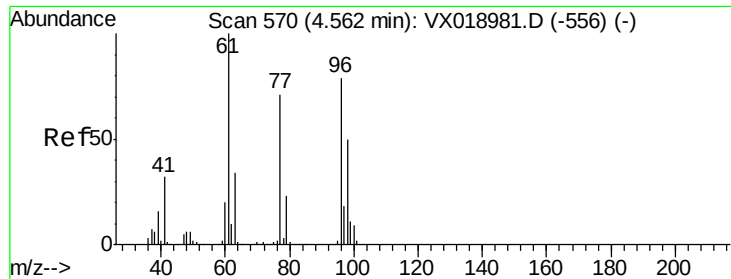
Tgt Ion: 77 Resp: 50438

Ion Ratio Lower Upper

77 100

97 23.5 11.5 34.4





#27

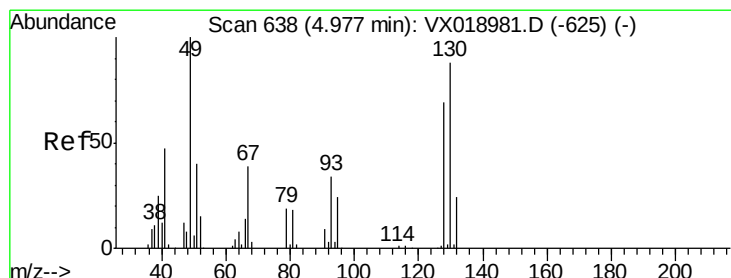
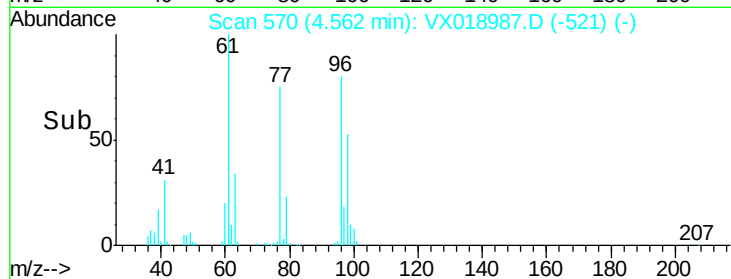
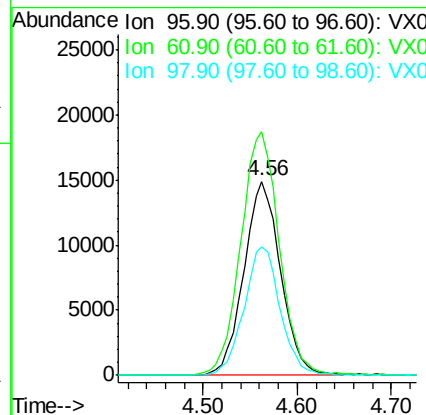
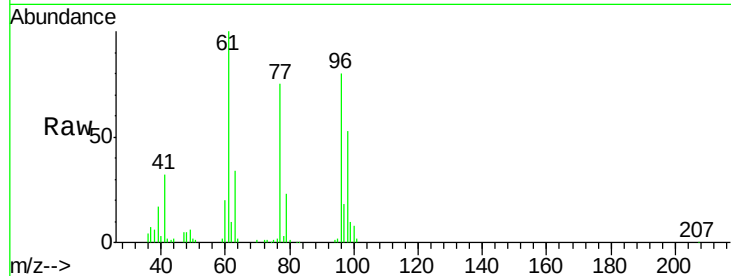
cis-1,2-Dichloroethene
 Concen: 18.907 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX018987.D
 Acq: 20 Oct 2020 20:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.1	0.0	266.2
98	65.3	0.0	128.6

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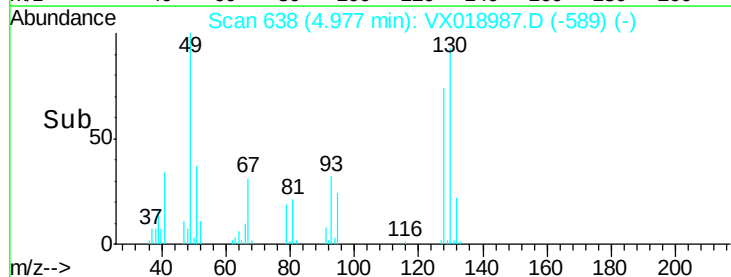
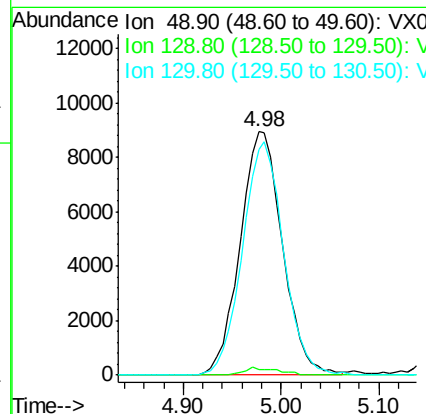
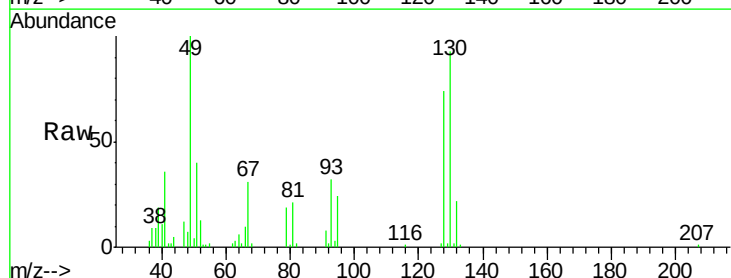
MMDadoda
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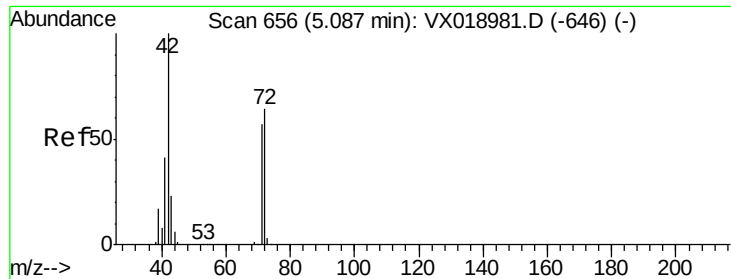


#28

Bromochloromethane
 Concen: 20.871 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: VX018987.D
 Acq: 20 Oct 2020 20:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.8
130	92.5	74.0	111.0





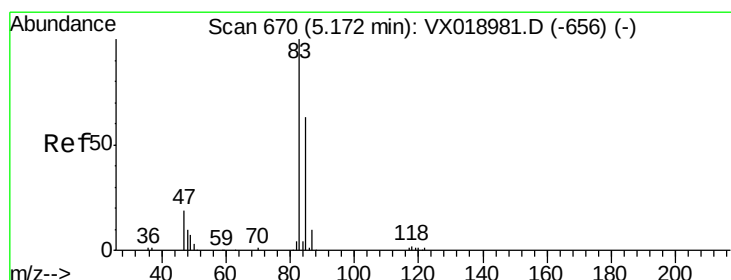
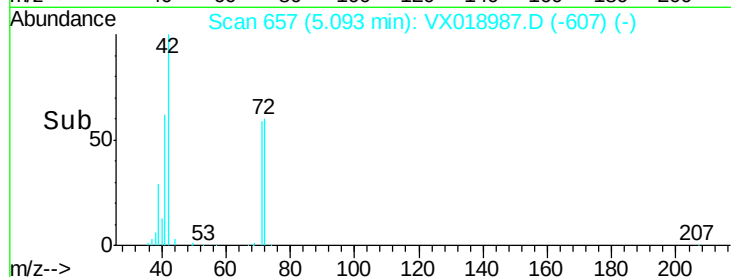
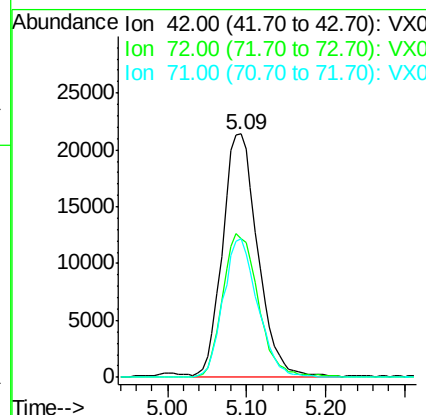
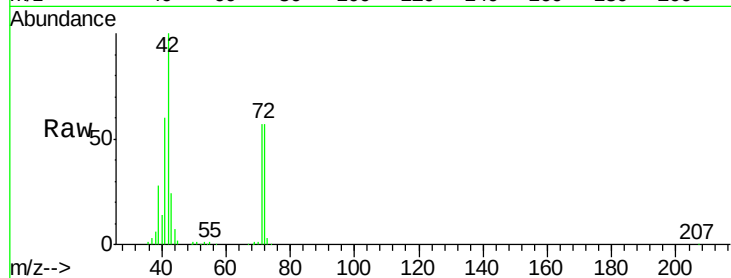
#29
Tetrahydrofuran
Concen: 97.837 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX018987.D
Acq: 20 Oct 2020 20:44

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	60.3	49.2	73.8
71	56.0	45.3	67.9

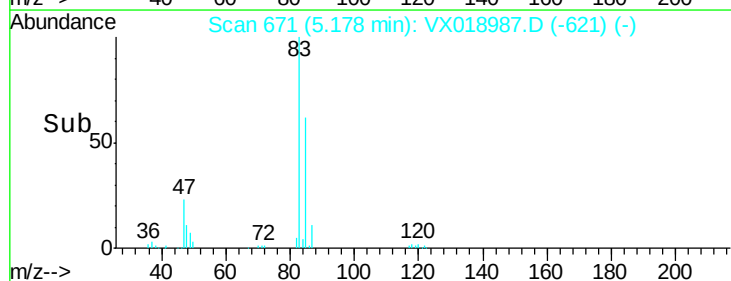
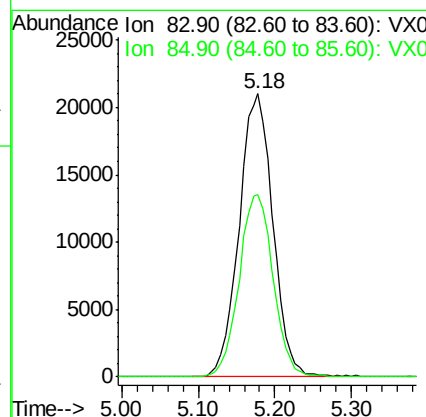
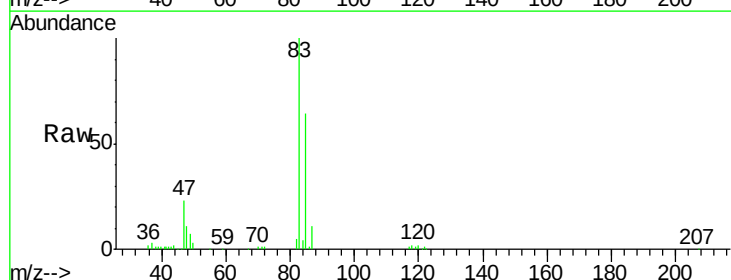
Manual Integrations
APPROVED

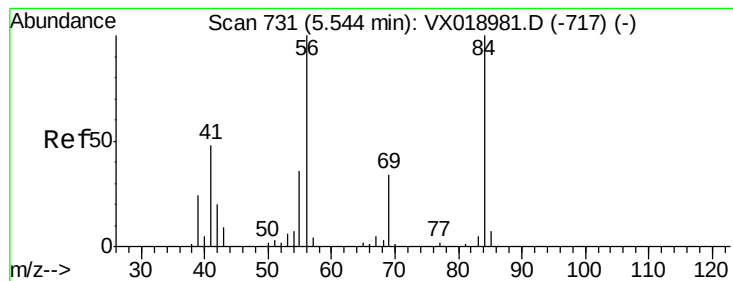
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#30
Chloroform
Concen: 19.283 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX018987.D
Acq: 20 Oct 2020 20:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	50.1	75.1





#31

Cyclohexane

Concen: 19.155 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.00 min

Lab File: VX018987.D

Acq: 20 Oct 2020 20:44

Instrument :

MSVOA_X

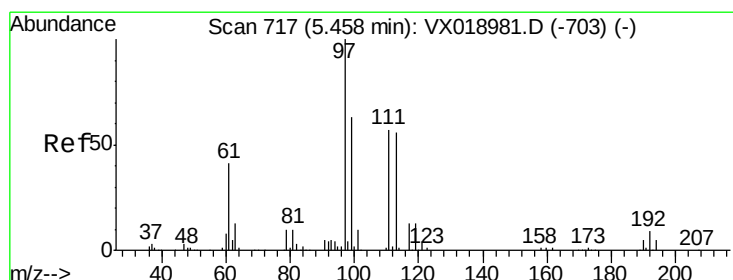
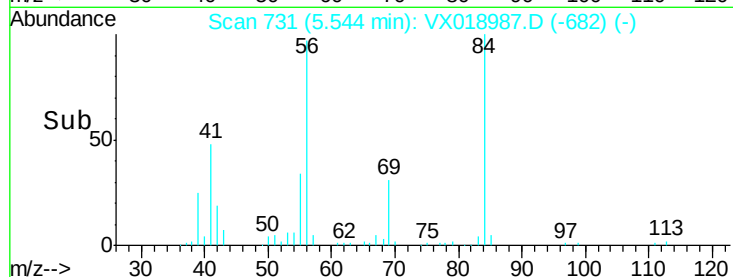
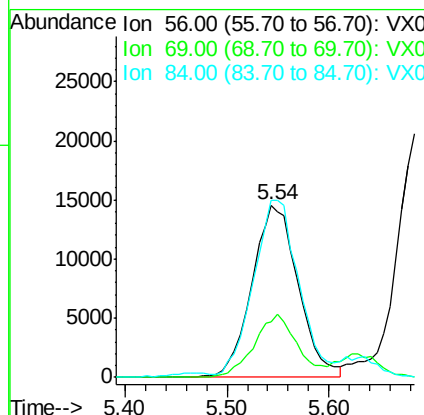
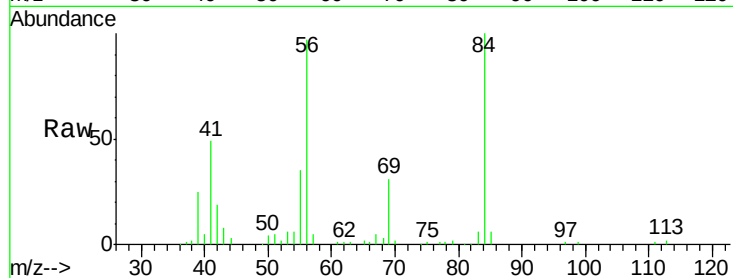
ClientSampleId :

VX1020WBSD01

Tot Ion:	56	Resp:	45803
Ion	Ratio	Lower	Upper
56	100		
69	32.4	27.1	40.7
84	100.5	80.4	120.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.249 ug/l

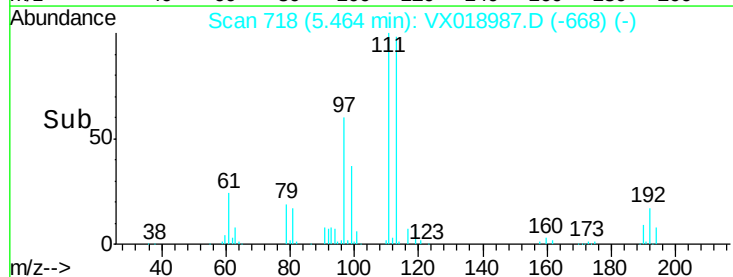
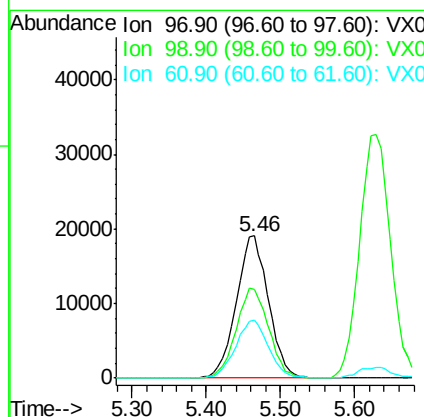
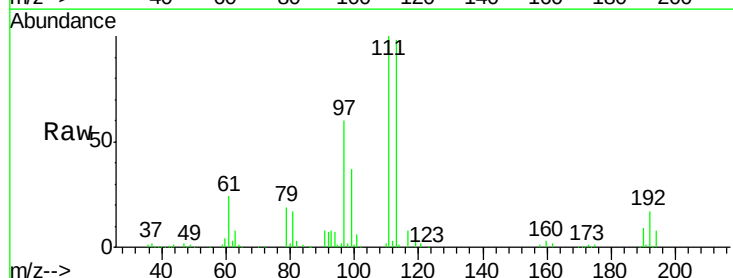
RT: 5.46 min Scan# 718

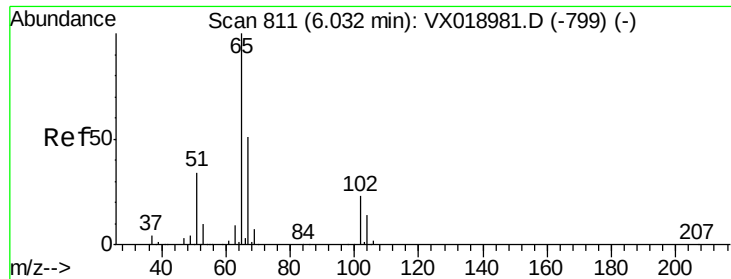
Delta R.T. 0.01 min

Lab File: VX018987.D

Acq: 20 Oct 2020 20:44

Tgt Ion:	97	Resp:	57676
Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.1	76.7
61	41.8	32.5	48.7





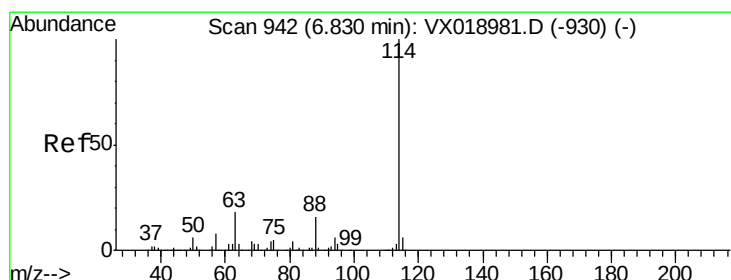
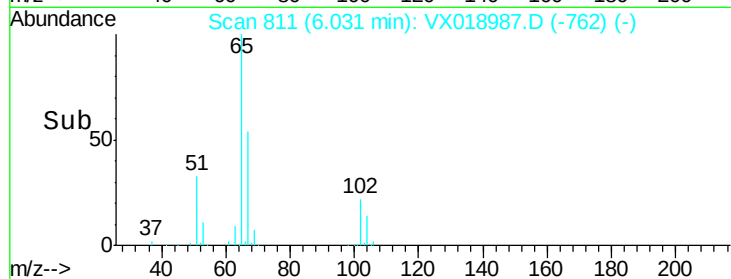
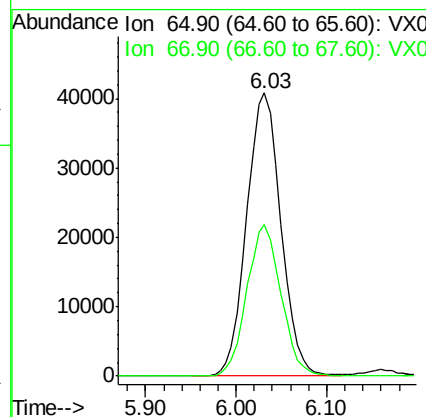
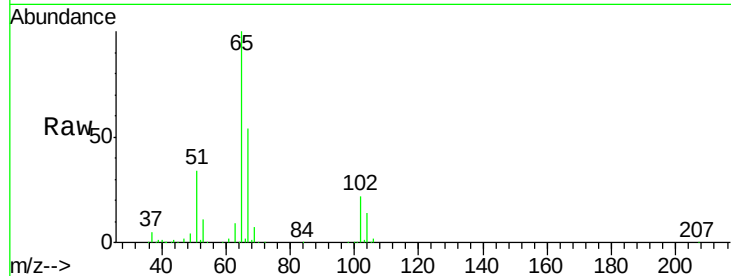
#33
 1,2-Dichloroethane-d4
 Concen: 52.366 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018987.D
 Acq: 20 Oct 2020 20:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	107112		
67	53.1	0.0	105.4	

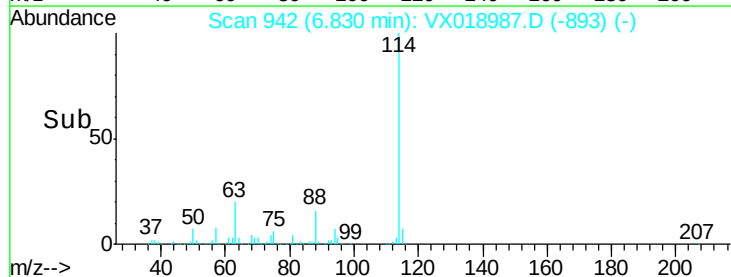
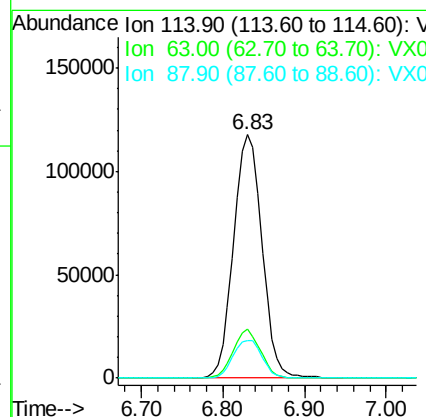
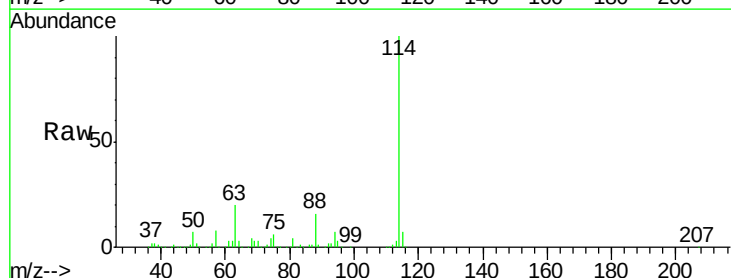
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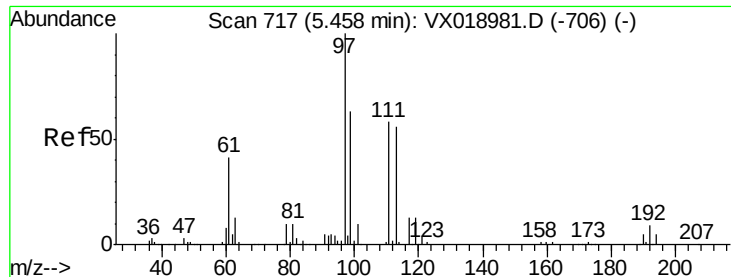
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 10/21/2020 1:04:50 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX018987.D
 Acq: 20 Oct 2020 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	283457		
63	20.0	0.0	36.8	
88	15.7	0.0	31.8	





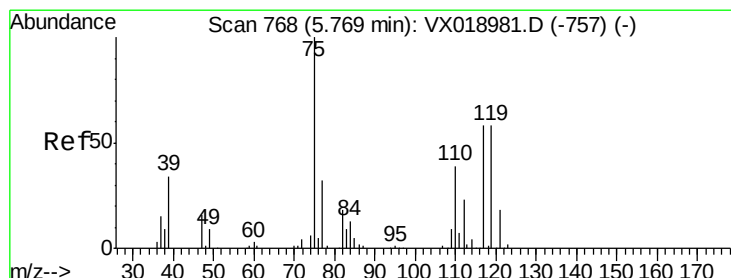
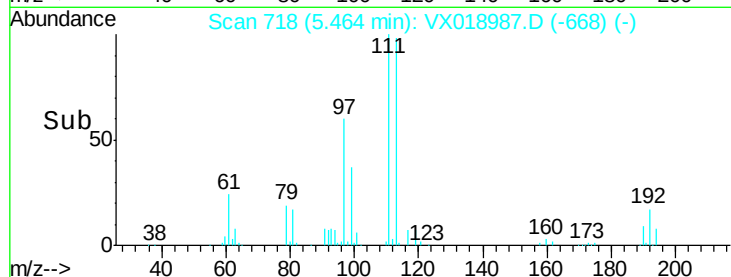
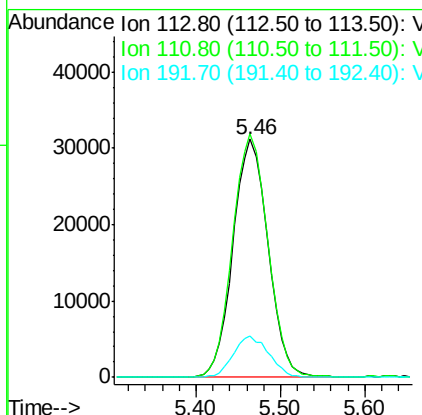
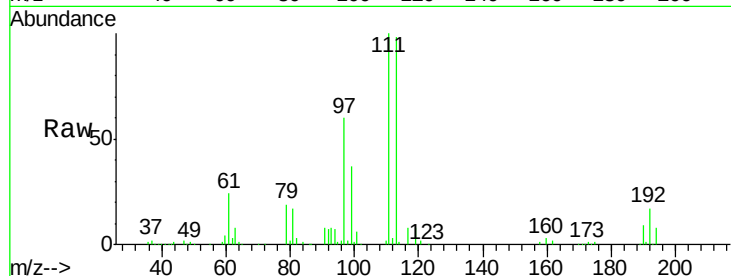
#35
Dibromofluoromethane
Concen: 49.188 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX018987.D
Acq: 20 Oct 2020 20:44

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	84.1	126.1
192	17.7	14.7	22.1

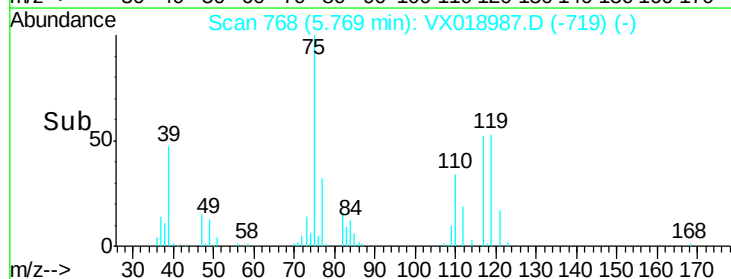
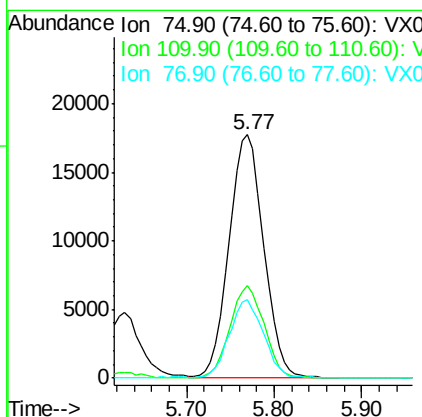
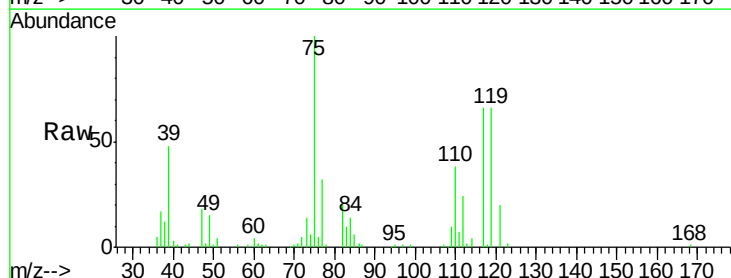
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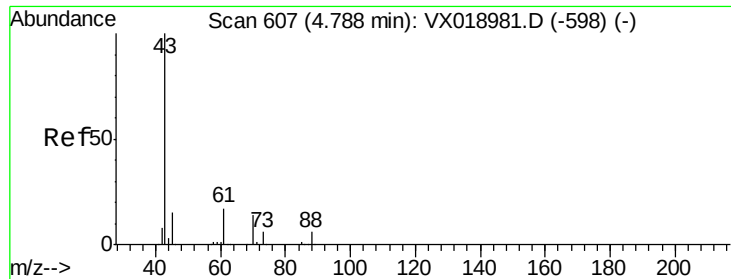
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#36
1,1-Dichloropropene
Concen: 18.543 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX018987.D
Acq: 20 Oct 2020 20:44

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.3	18.6	55.6
77	31.7	25.0	37.4





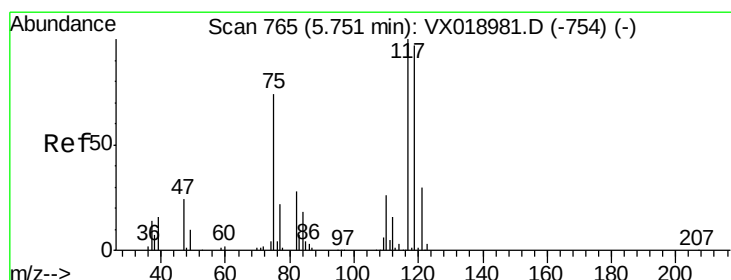
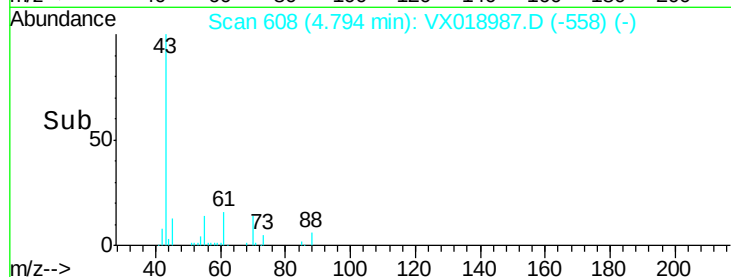
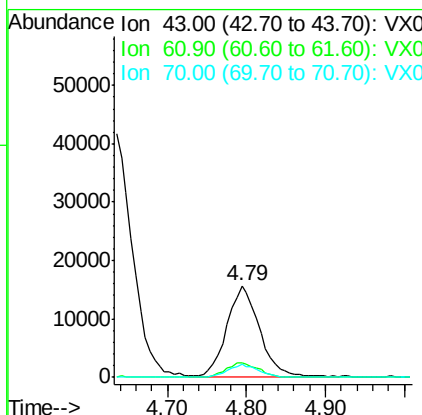
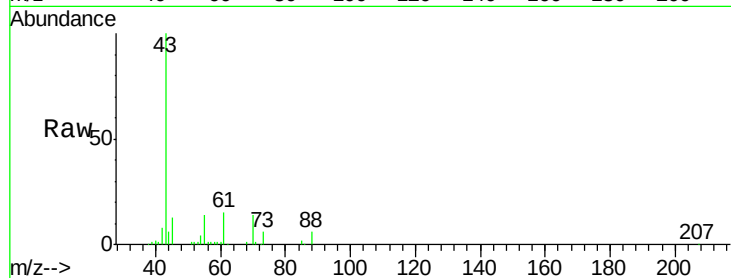
#37
Ethyl Acetate
Concen: 19.298 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX018987.D
Acq: 20 Oct 2020 20:44

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	16.6	13.5	20.3
70	13.8	11.4	17.2

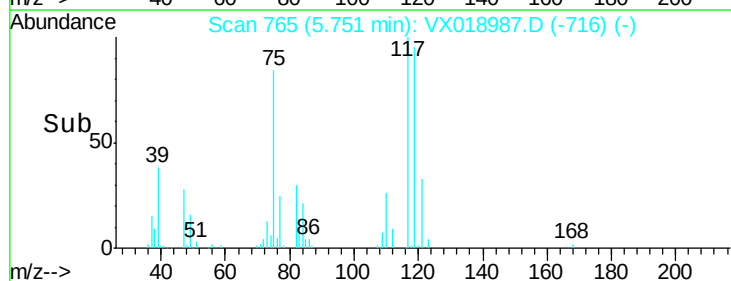
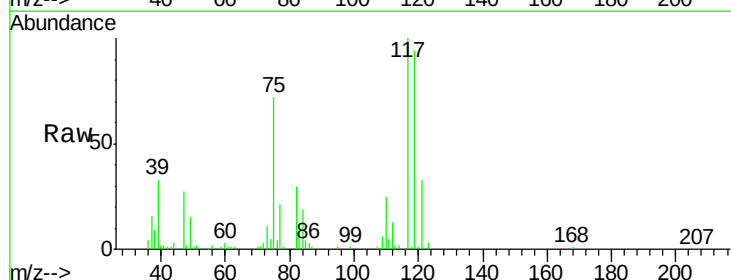
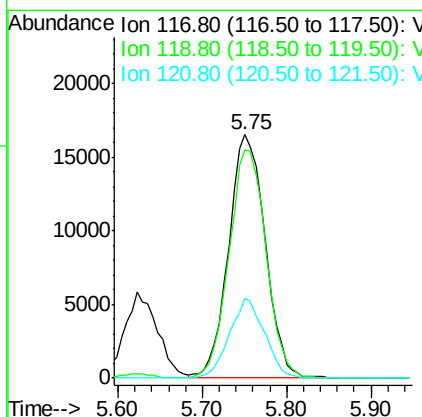
Manual Integrations
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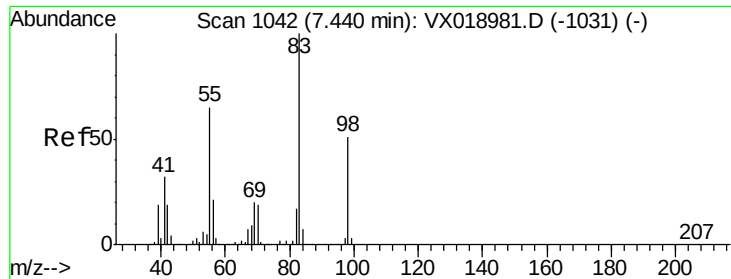
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#38
Carbon Tetrachloride
Concen: 18.229 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018987.D
Acq: 20 Oct 2020 20:44

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.7	77.6	116.4
121	32.7	23.9	35.9





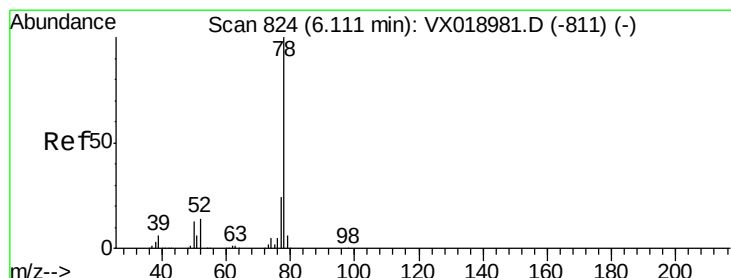
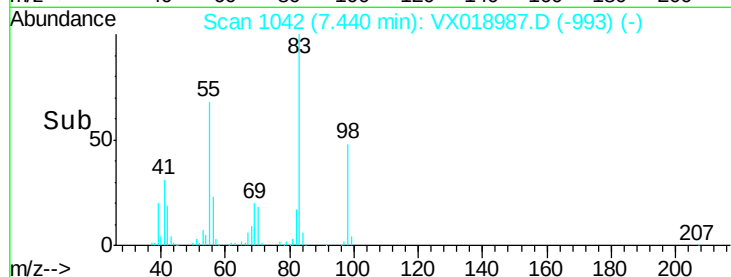
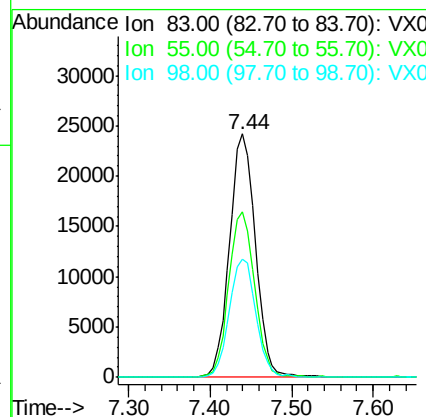
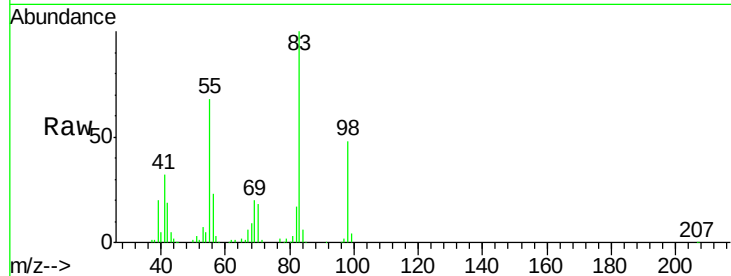
#39
Methylvlcyclohexane
Concen: 18.541 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018987.D
Acq: 20 Oct 2020 20:44

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.1	52.2	78.4
98	48.4	40.8	61.2

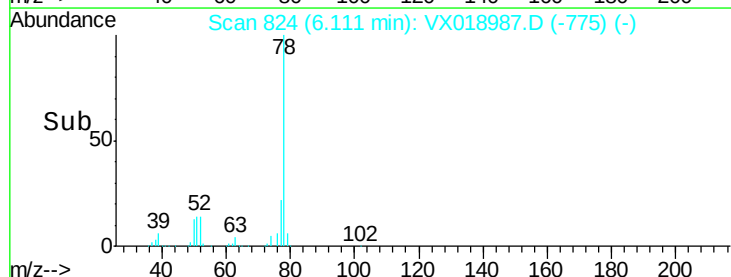
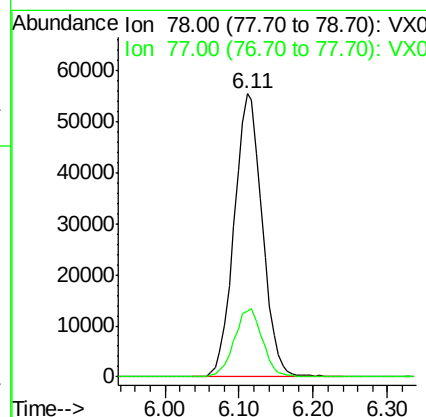
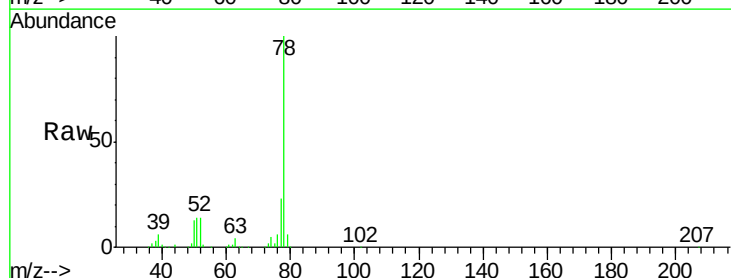
Manual Integrations
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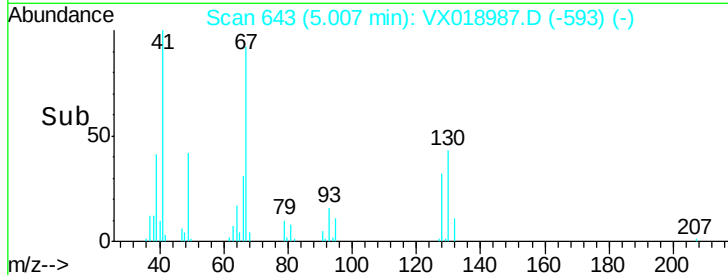
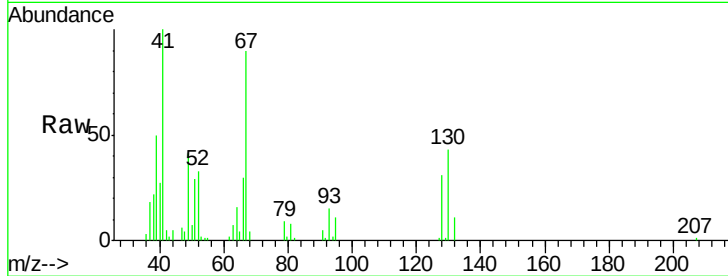
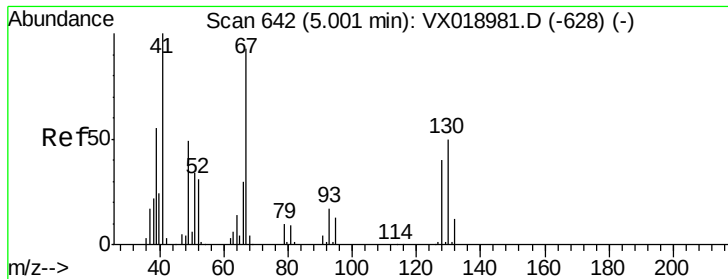
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#40
Benzene
Concen: 18.945 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018987.D
Acq: 20 Oct 2020 20:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.5	29.3





#41

Methacrylonitrile

Concen: 18.929 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX018987.D

Acq: 20 Oct 2020 20:44

Tot Ion	Ion	Ratio	Lower	Upper
23174	41	100		
	39	58.2	44.3	66.5
	67	97.0	74.7	112.1
	52	37.1	27.4	41.2

Instrument :

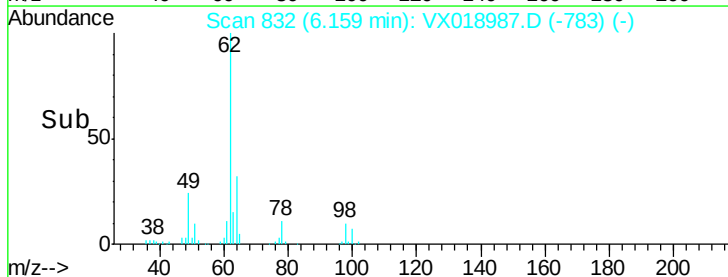
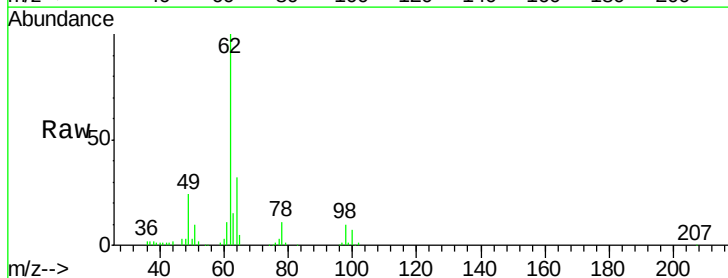
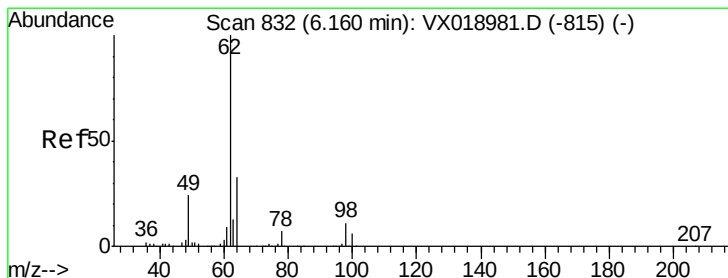
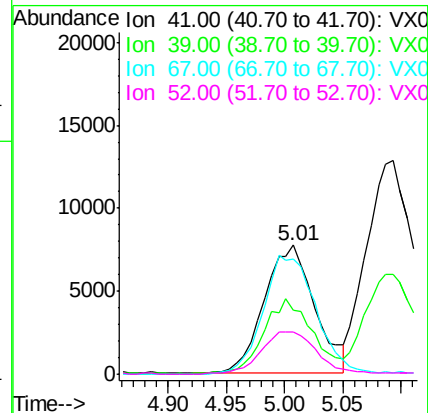
MSVOA_X

ClientSampleId :

VX1020WBSD01

Manual Integrations
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10/21/2020 1:04:50 PM



#42

1,2-Dichloroethane

Concen: 19.136 ug/l

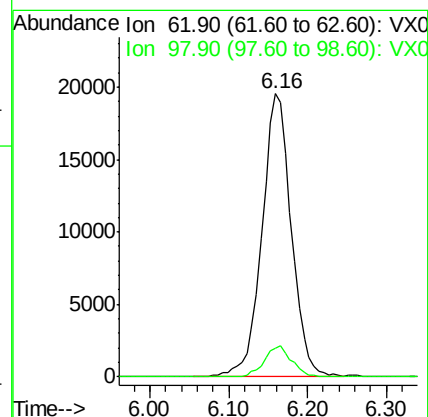
RT: 6.16 min Scan# 832

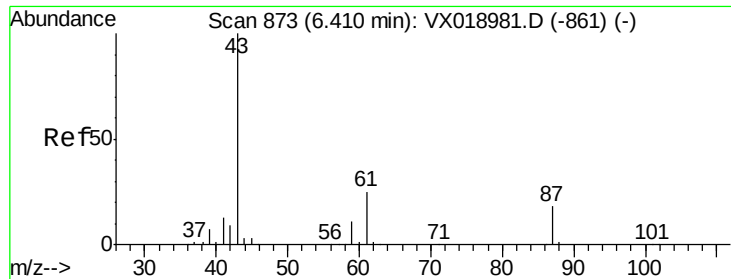
Delta R.T. -0.00 min

Lab File: VX018987.D

Acq: 20 Oct 2020 20:44

Tgt Ion	Ion	Ratio	Lower	Upper
50575	62	100		
	98	10.2	0.0	20.4





#43

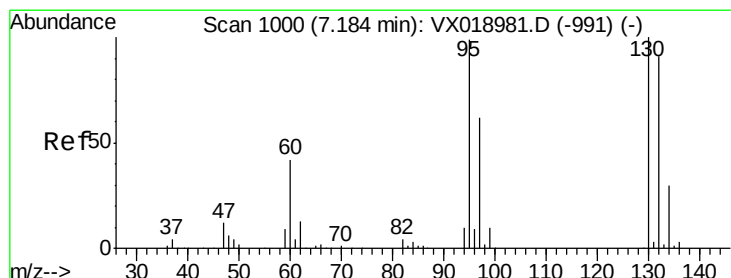
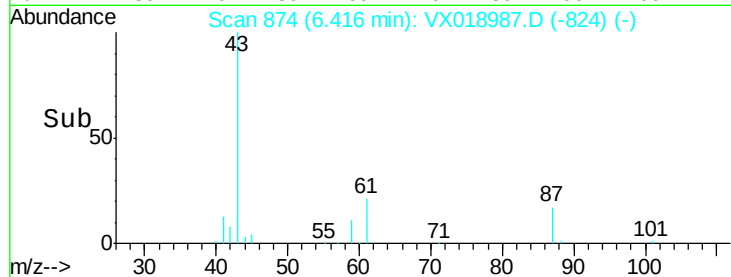
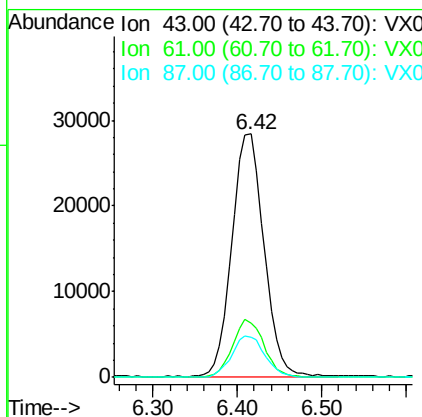
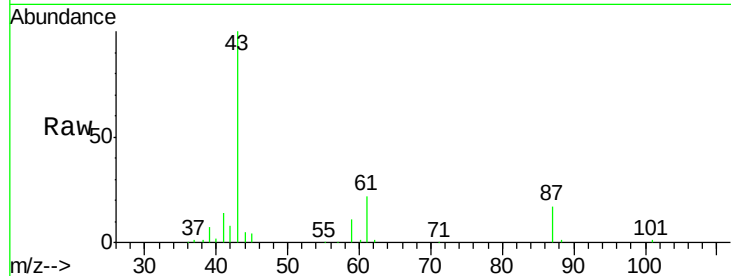
Isopropyl Acetate
 Concen: 18.772 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.01 min
 Lab File: VX018987.D
 Acq: 20 Oct 2020 20:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBSD01

Tot Ion	43	61	87
Resp	72441		
Ratio	100	23.5	17.8
Lower		19.3	14.3
Upper		28.9	21.5

Manual Integrations
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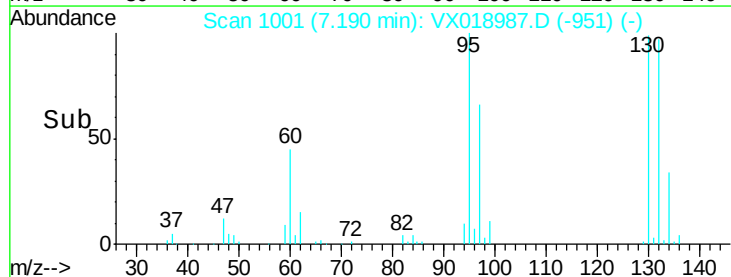
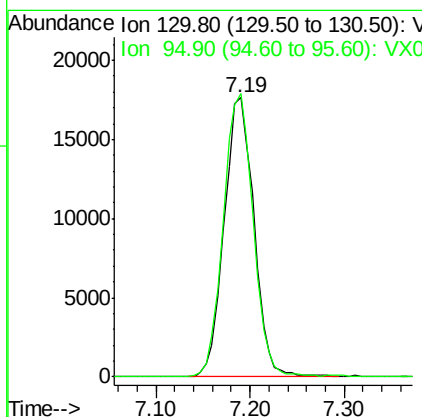
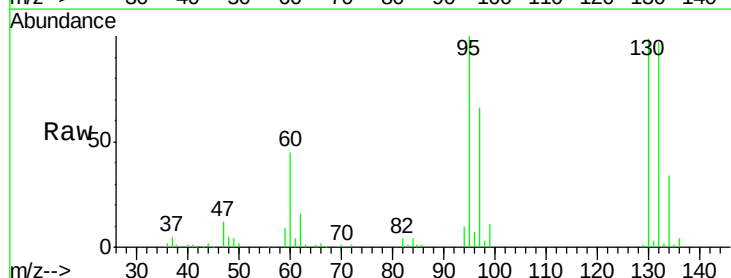
MMDadoda
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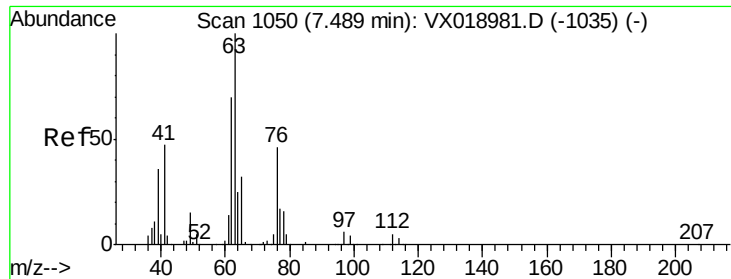


#44

Trichloroethene
 Concen: 18.203 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VX018987.D
 Acq: 20 Oct 2020 20:44

Tgt Ion	130	95
Resp	38840	
Ratio	100	101.3
Lower		0.0
Upper		198.2





#45

1,2-Dichloropropane

Concen: 18.688 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX018987.D

Acq: 20 Oct 2020 20:44

Instrument :

MSVOA_X

ClientSampled :

VX1020WBSD01

Tot Ion: 63 Resp: 35055

Ion Ratio Lower Upper

63 100

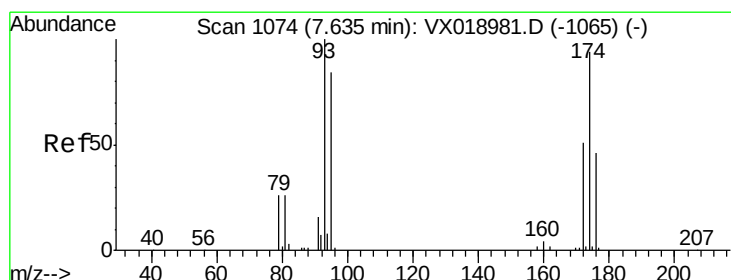
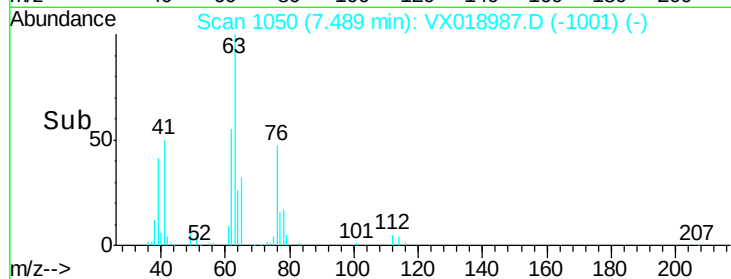
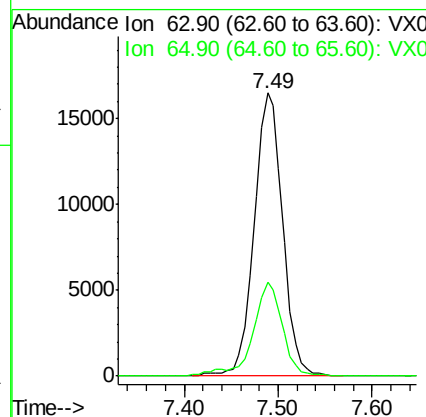
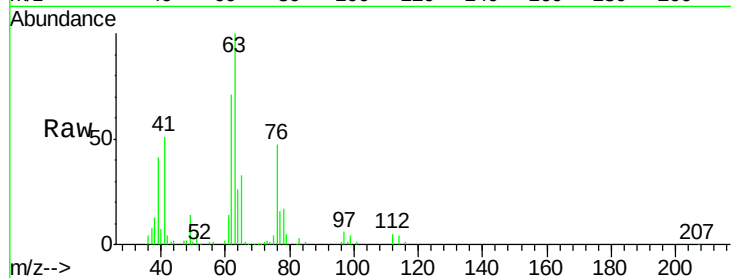
65 32.8 25.8 38.6

Manual Integrations

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#46

Dibromomethane

Concen: 18.901 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX018987.D

Acq: 20 Oct 2020 20:44

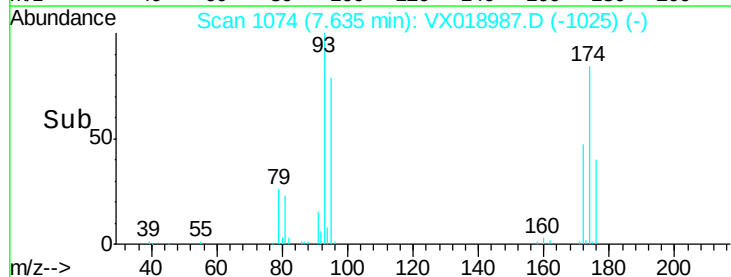
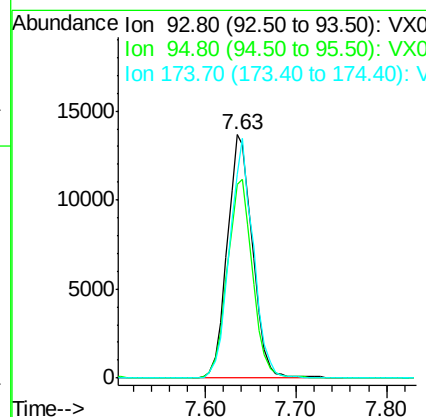
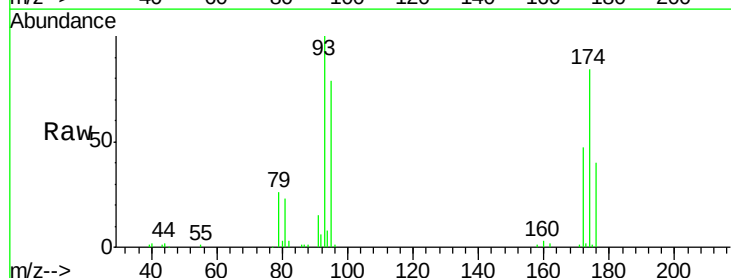
Tgt Ion: 93 Resp: 26610

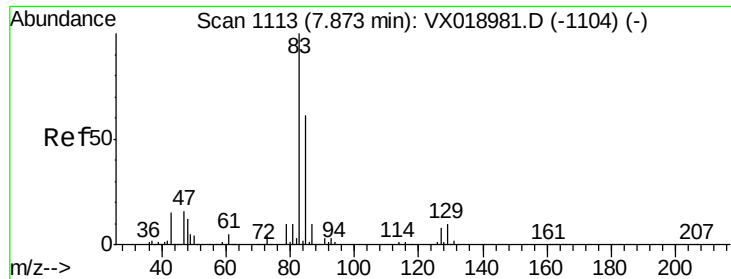
Ion Ratio Lower Upper

93 100

95 81.5 66.2 99.4

174 92.5 74.5 111.7





#47

Bromodichloromethane

Concen: 18.475 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX018987.D

Acq: 20 Oct 2020 20:44

Instrument :

MSVOA_X

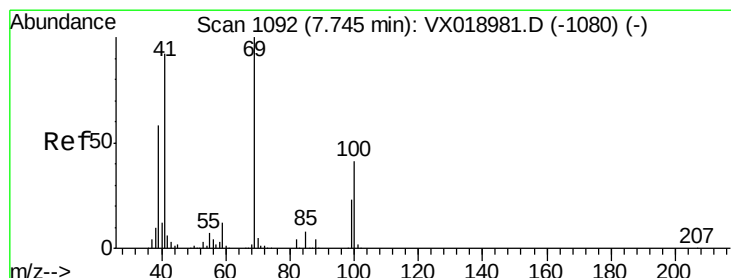
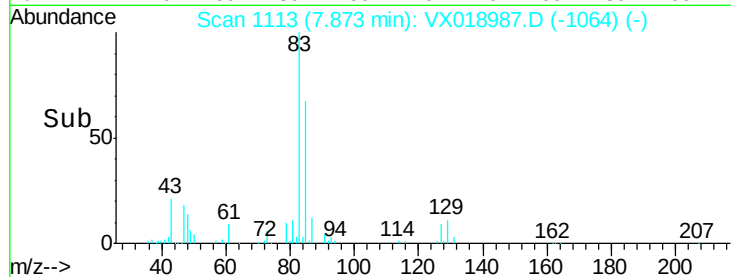
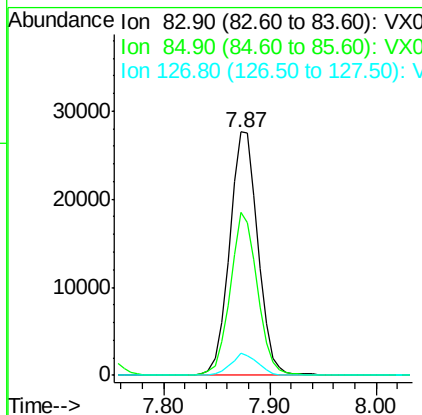
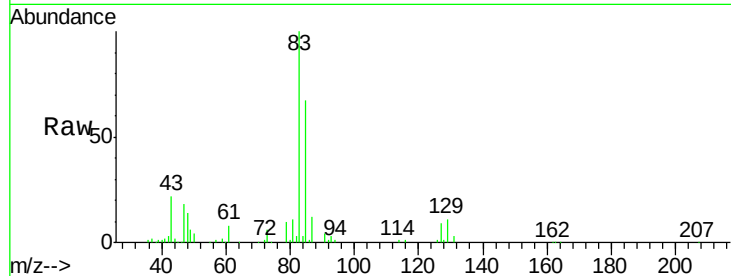
ClientSampleId :

VX1020WBSD01

Tot Ion:	83	Resp:	51602
Ion	Ratio	Lower	Upper
83	100		
85	66.8	48.6	73.0
127	9.3	6.3	9.5

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.589 ug/l

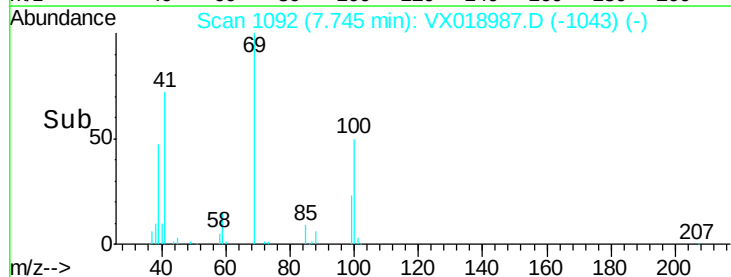
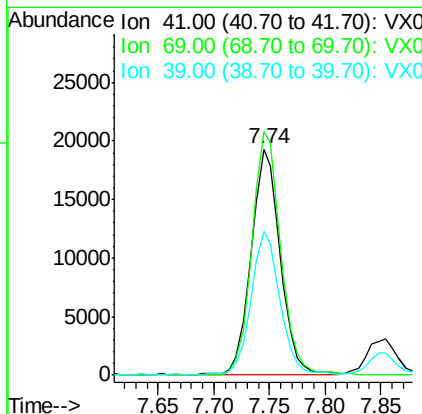
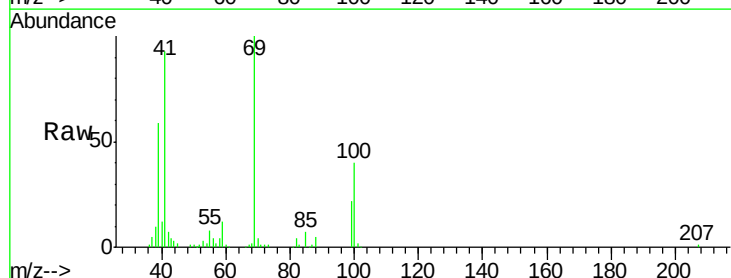
RT: 7.74 min Scan# 1092

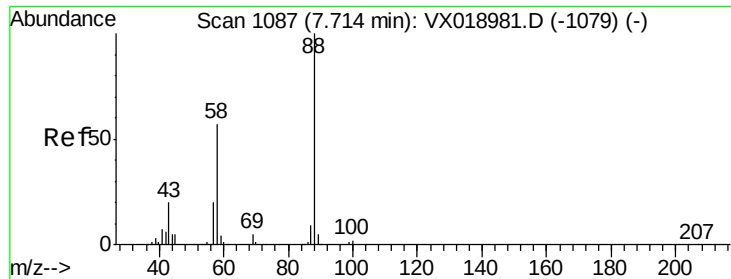
Delta R.T. -0.00 min

Lab File: VX018987.D

Acq: 20 Oct 2020 20:44

Tgt Ion:	41	Resp:	35416
Ion	Ratio	Lower	Upper
41	100		
69	106.4	88.0	132.0
39	63.1	49.9	74.9





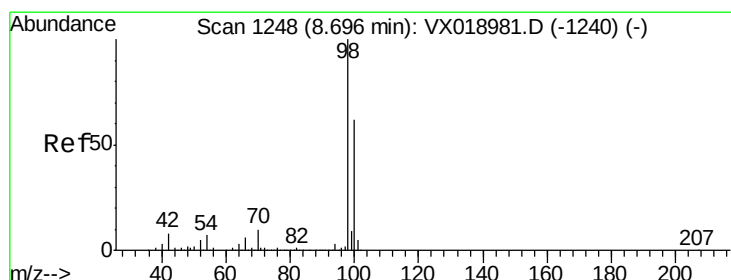
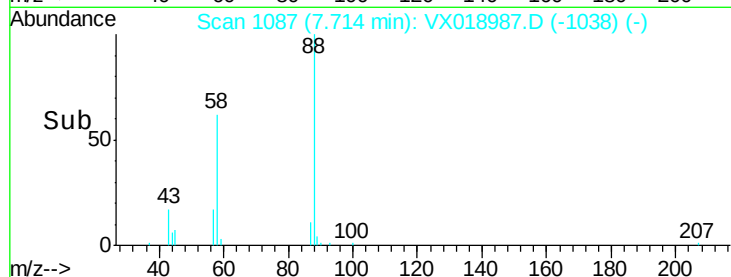
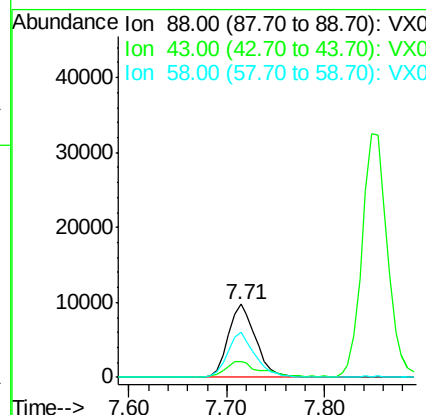
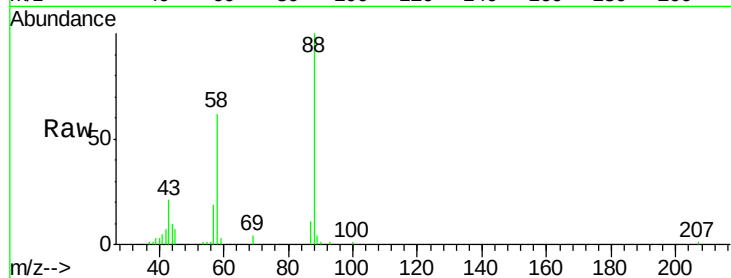
#49
1,4-Dioxane
Concen: 376.648 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018987.D
Acq: 20 Oct 2020 20:44

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.0	20.4	30.6
58	61.5	49.3	73.9

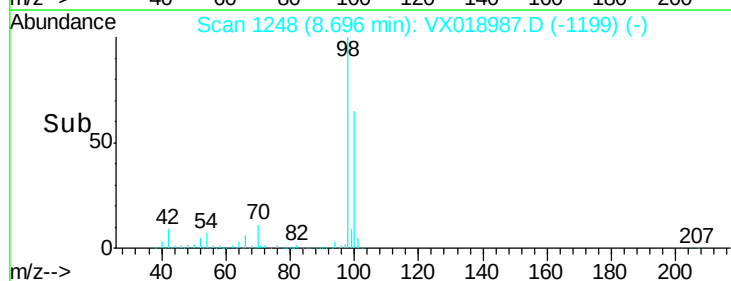
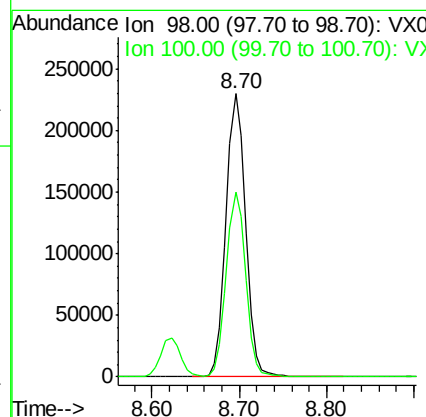
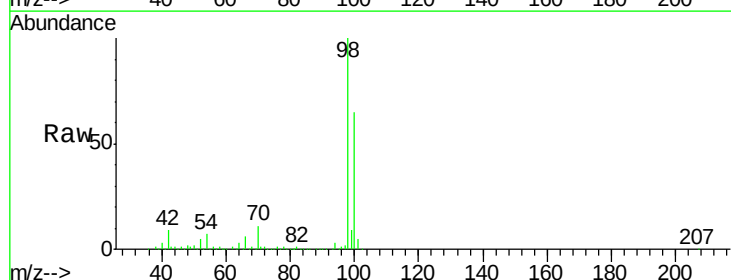
Manual Integrations
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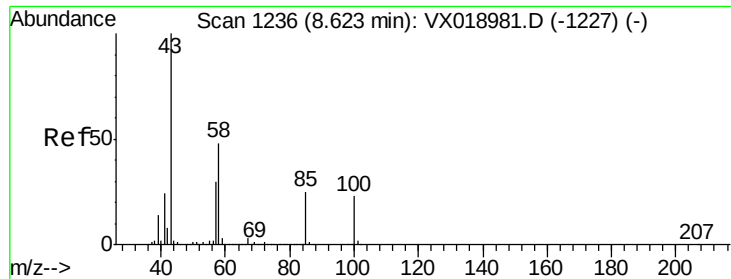
MMDadoda
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#50
Toluene-d8
Concen: 49.827 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018987.D
Acq: 20 Oct 2020 20:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.6	78.8





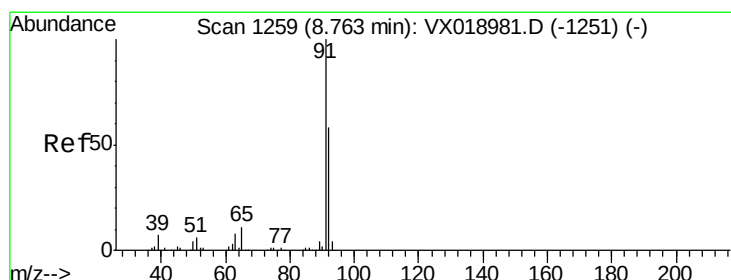
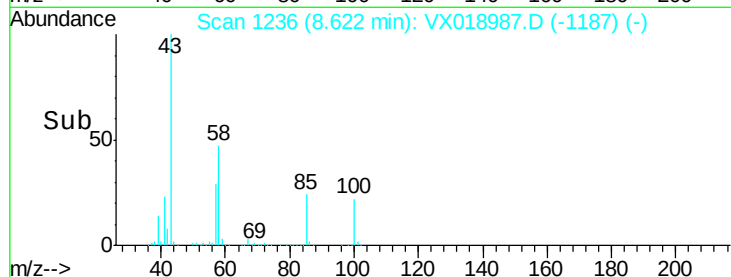
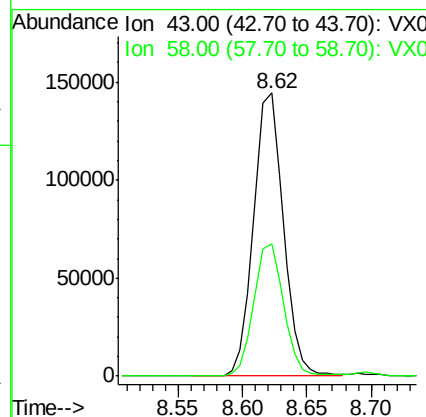
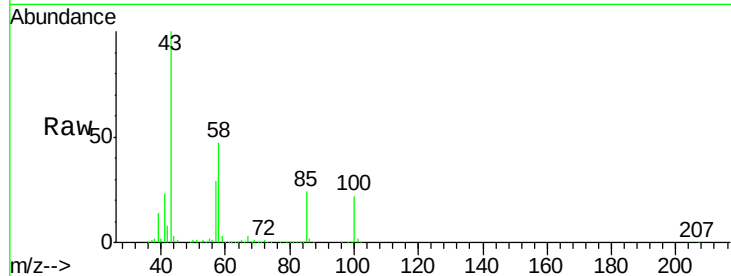
#51
4-Methyl-2-Pentanone
Concen: 96.407 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX018987.D
Acq: 20 Oct 2020 20:44

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	47.0	37.8	56.8

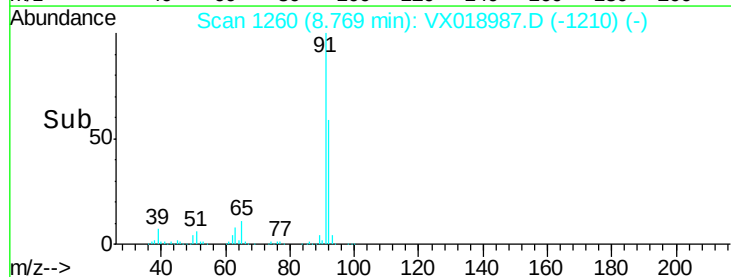
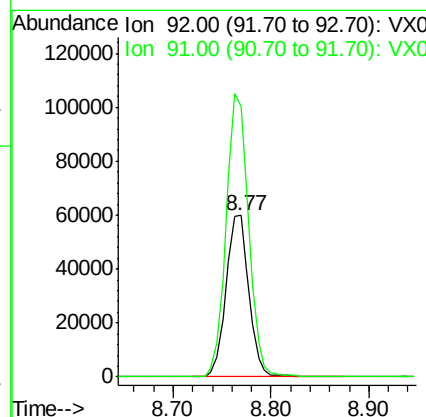
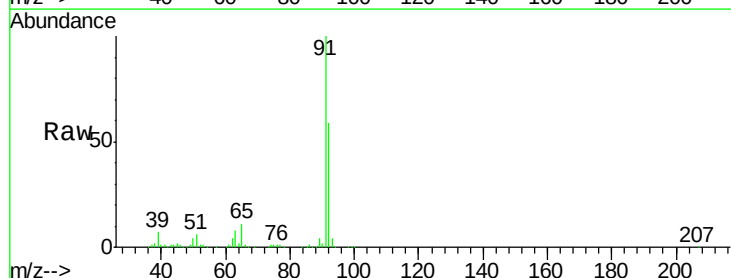
Manual Integrations
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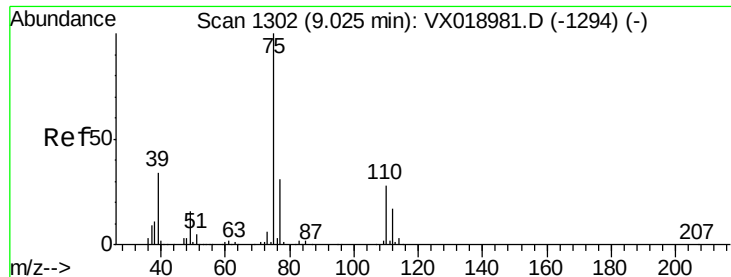
MMDadoda
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#52
Toluene
Concen: 18.880 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.01 min
Lab File: VX018987.D
Acq: 20 Oct 2020 20:44

Tgt Ion	Ratio	Lower	Upper
92	100		
91	172.7	136.5	204.7





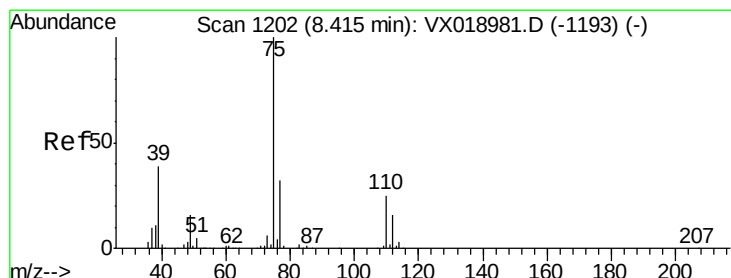
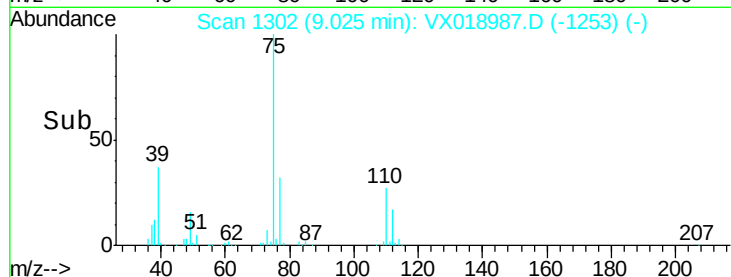
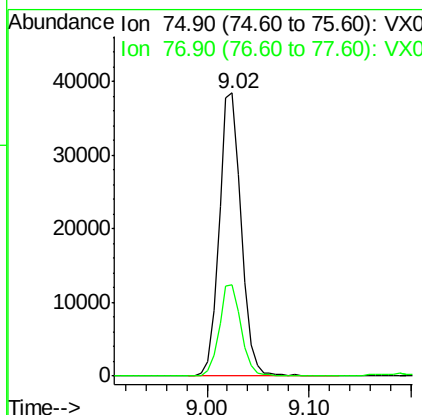
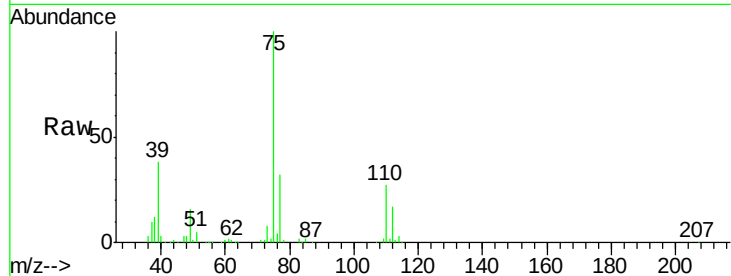
#53
t-1,3-Dichloropropene
Concen: 18.163 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX018987.D
Acq: 20 Oct 2020 20:44

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

Tot Ion: 75 Resp: 57962
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.6

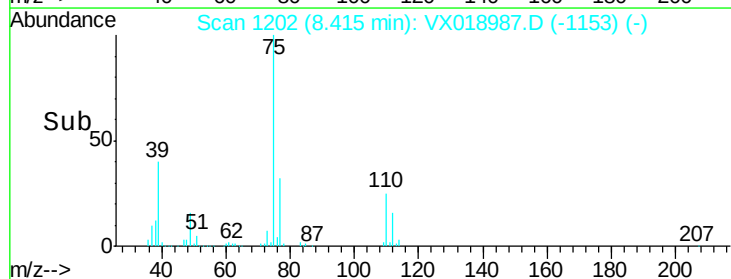
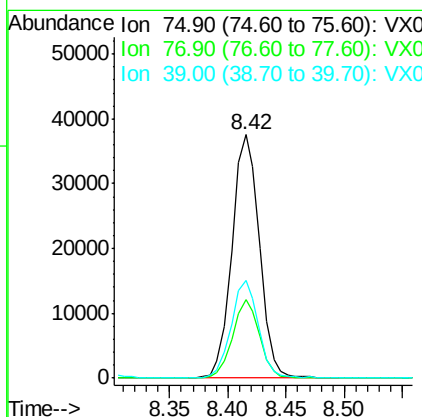
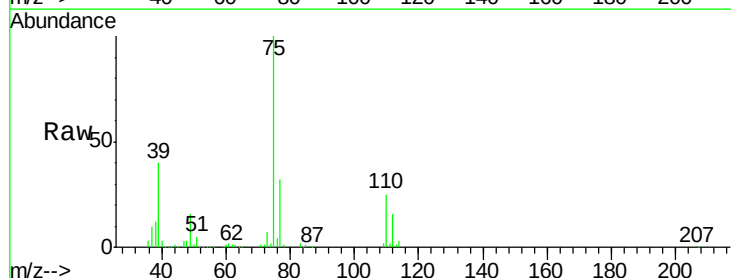
Manual Integrations
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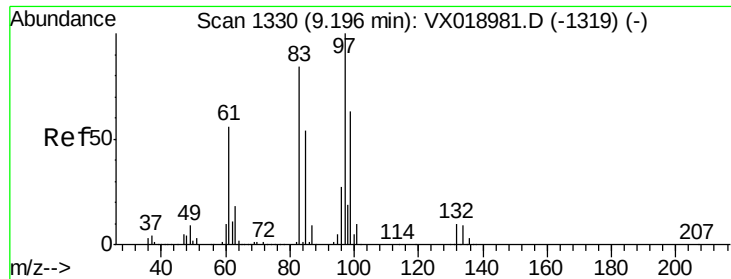
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 18.599 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX018987.D
Acq: 20 Oct 2020 20:44

Tgt Ion: 75 Resp: 61680
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0
39 40.1 31.3 46.9





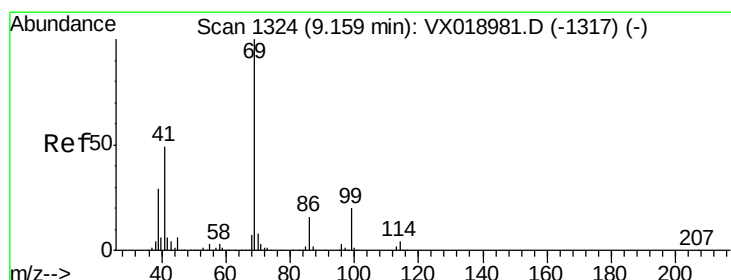
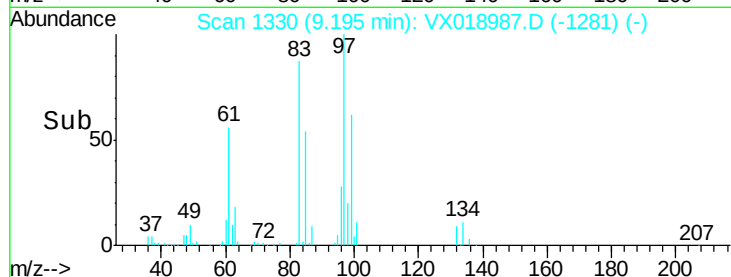
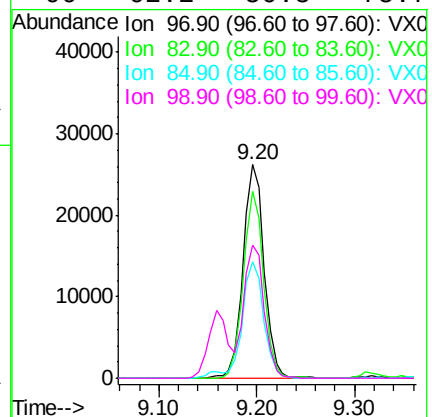
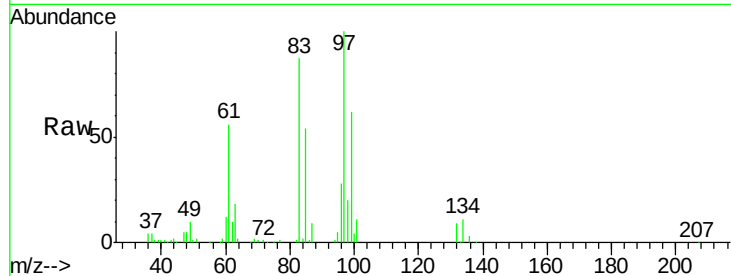
#55
 1,1,2-Trichloroethane
 Concen: 18.735 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018987.D
 Acq: 20 Oct 2020 20:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBSD01

Tot Ion:	97	Resp:	39284
Ion	Ratio	Lower	Upper
97	100		
83	87.4	67.4	101.0
85	54.5	43.1	64.7
99	62.2	50.5	75.7

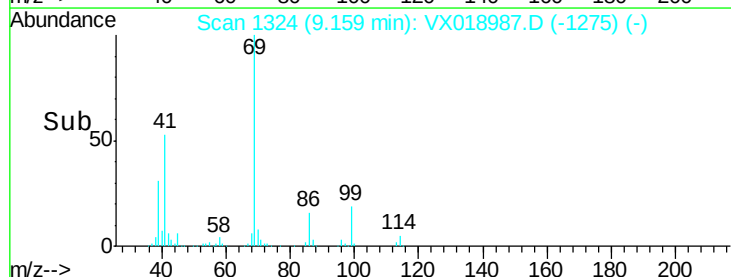
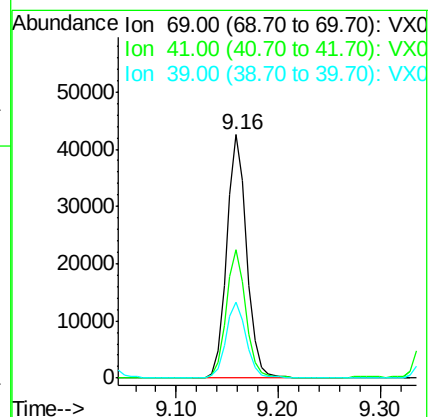
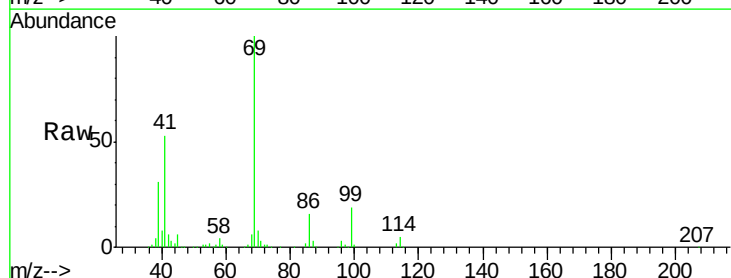
Manual Integrations
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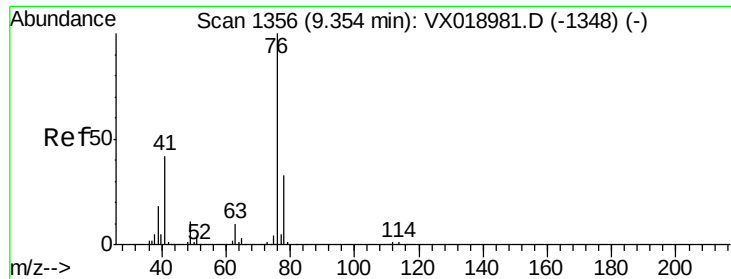
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#56
 Ethyl methacrylate
 Concen: 18.786 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018987.D
 Acq: 20 Oct 2020 20:44

Tgt Ion:	69	Resp:	58066
Ion	Ratio	Lower	Upper
69	100		
41	51.5	39.8	59.6
39	31.3	23.8	35.6





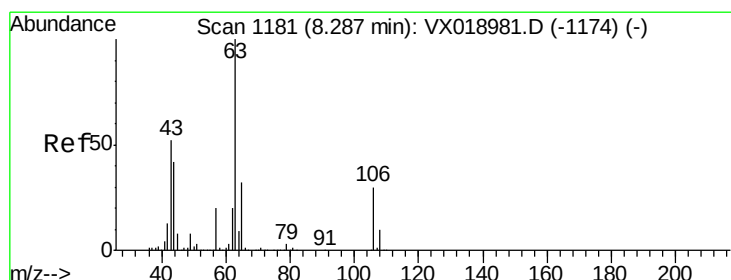
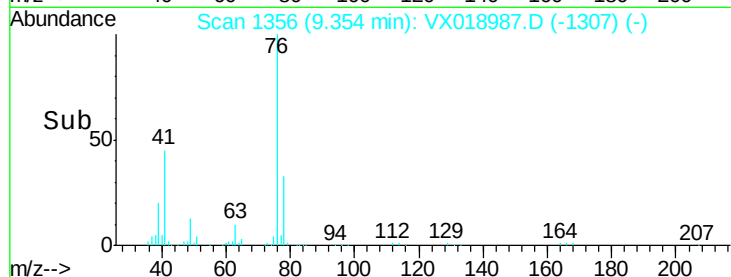
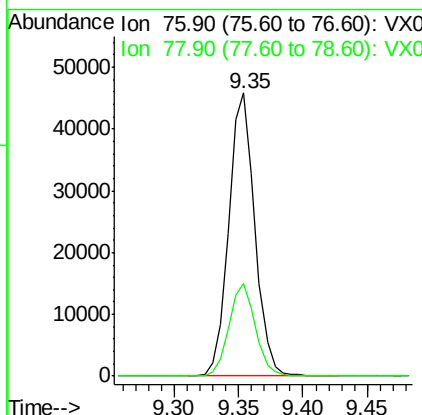
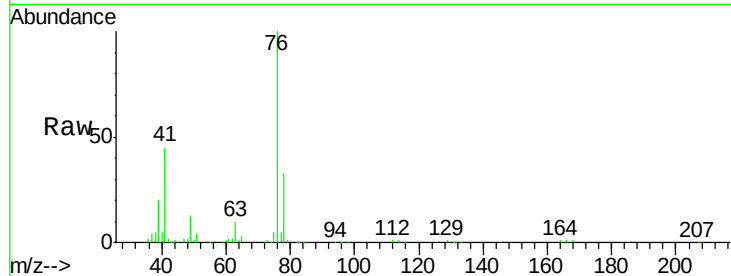
#57
 1,3-Dichloropropane
 Concen: 19.222 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX018987.D
 Acq: 20 Oct 2020 20:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.1	26.1	39.1

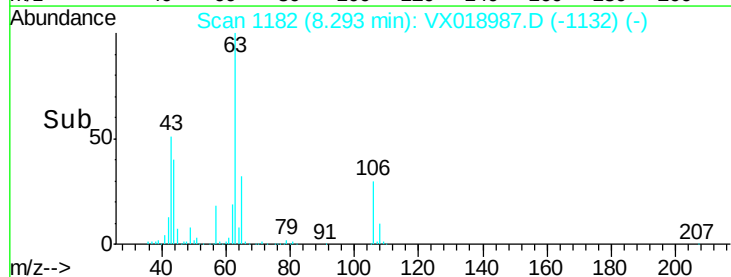
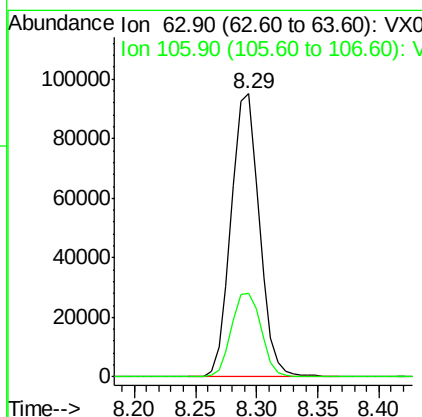
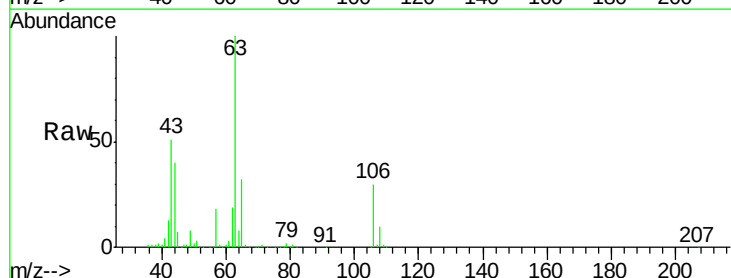
Manual Integrations
 APPROVED

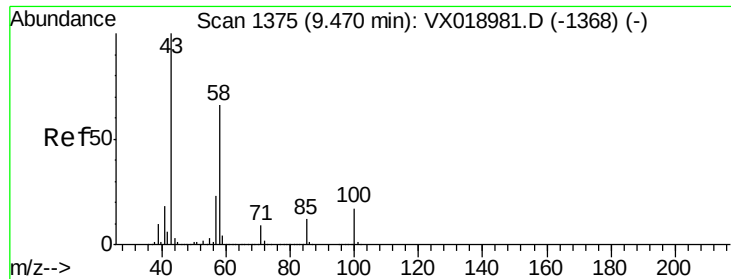
MMDadoda
 10/21/2020 1:04:50 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.231 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: VX018987.D
 Acq: 20 Oct 2020 20:44

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.3	25.0	37.4





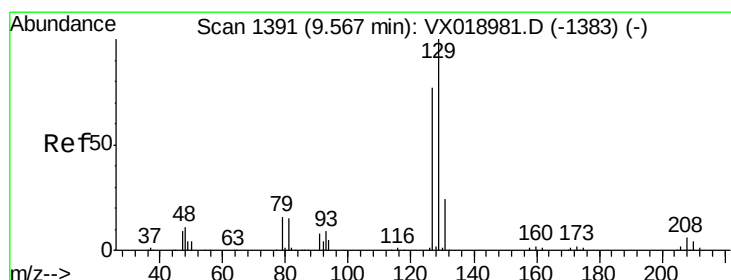
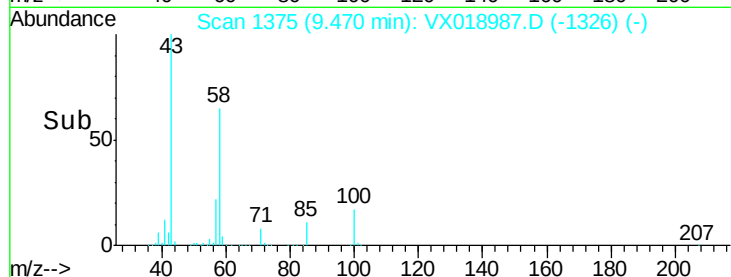
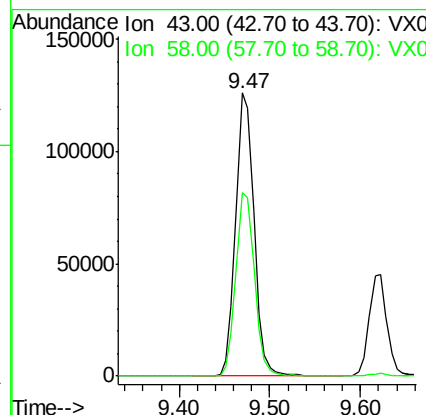
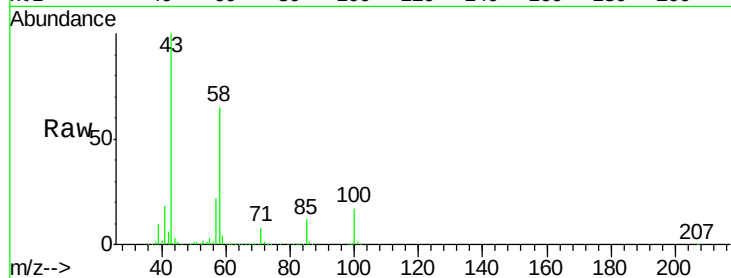
#59
2-Hexanone
Concen: 96.528 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX018987.D
Acq: 20 Oct 2020 20:44

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
58	65.8	33.0	99.0

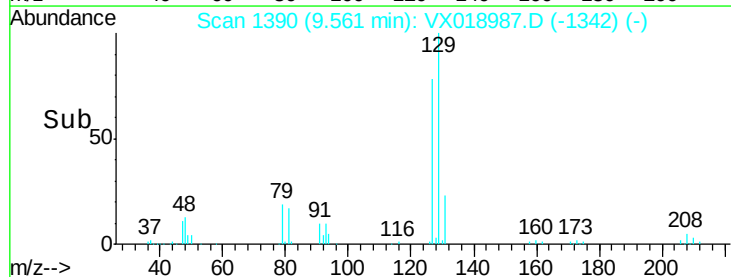
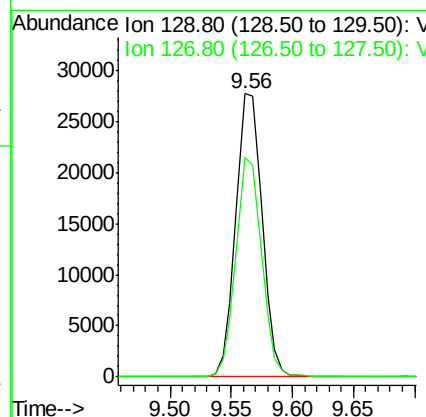
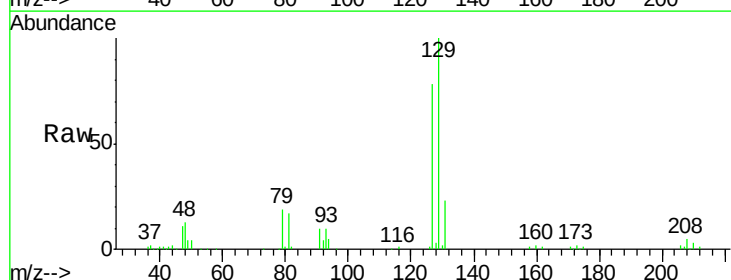
Manual Integrations
APPROVED

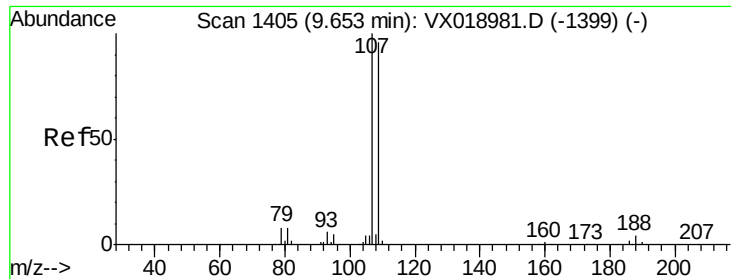
MMDadoda
10/21/2020 1:04:50 PM



#60
Dibromochloromethane
Concen: 17.853 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018987.D
Acq: 20 Oct 2020 20:44

Tgt Ion	Ratio	Lower	Upper
129	100		
127	75.9	38.8	116.4





#61

1,2-Dibromoethane

Concen: 18.743 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018987.D

Acq: 20 Oct 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBSD01

Tot Ion:107 Resp: 42158

Ion Ratio Lower Upper

107 100

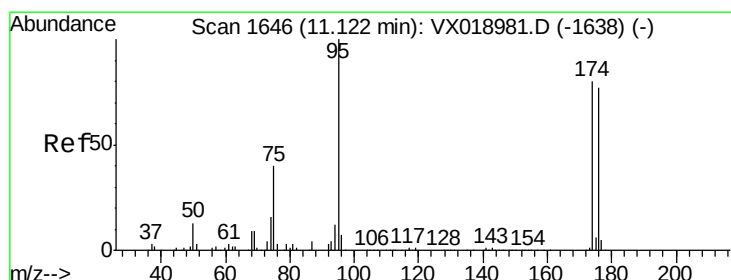
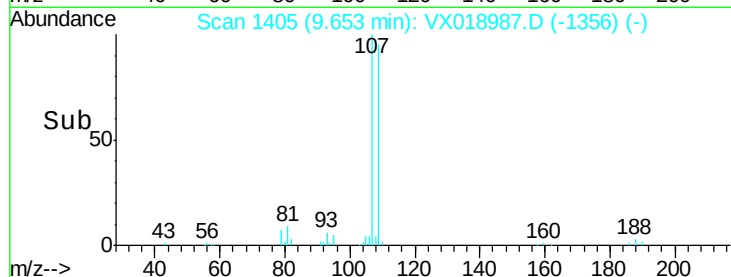
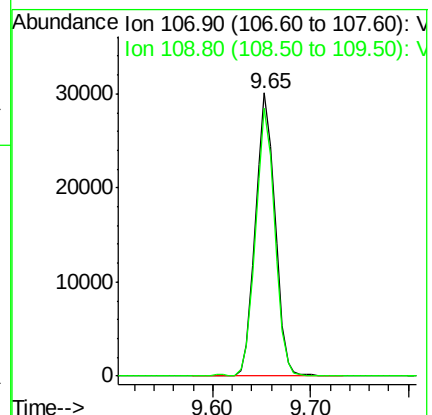
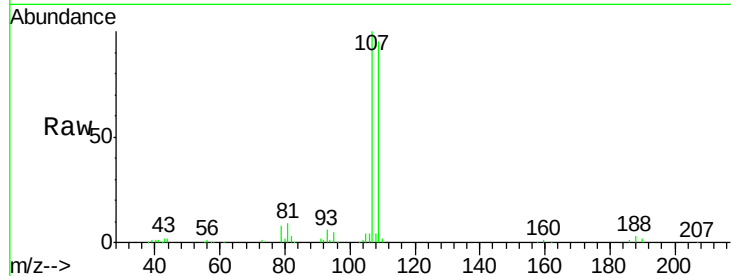
109 92.4 76.6 115.0

Manual Integrations

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MMDadoda

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#62

4-Bromofluorobenzene

Concen: 47.599 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018987.D

Acq: 20 Oct 2020 20:44

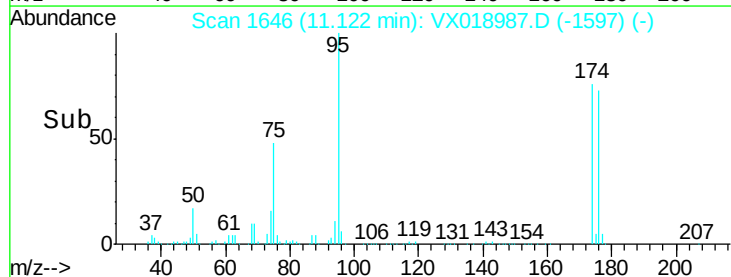
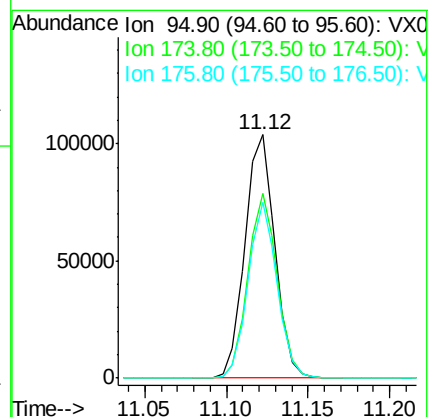
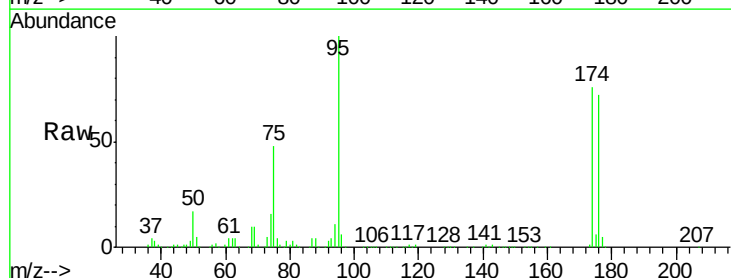
Tgt Ion: 95 Resp: 132722

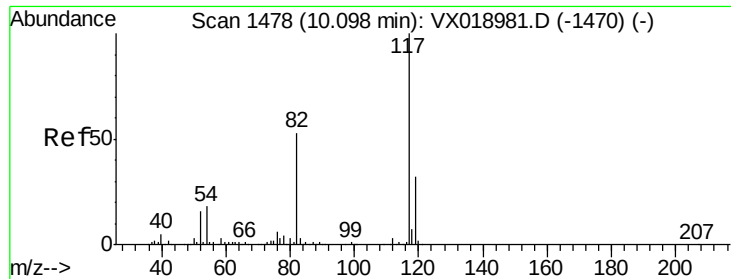
Ion Ratio Lower Upper

95 100

174 74.8 0.0 159.8

176 70.1 0.0 152.8





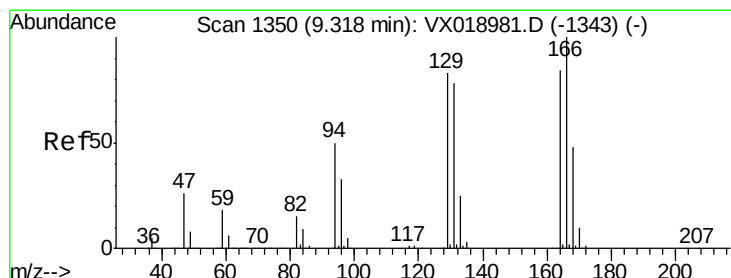
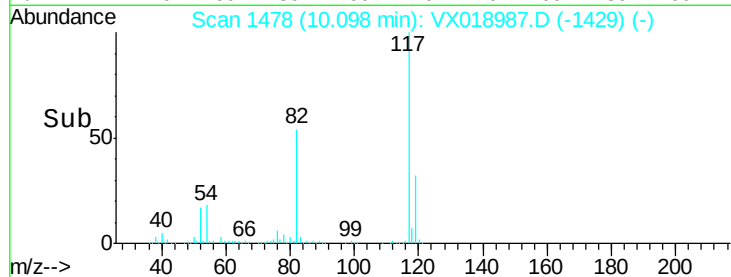
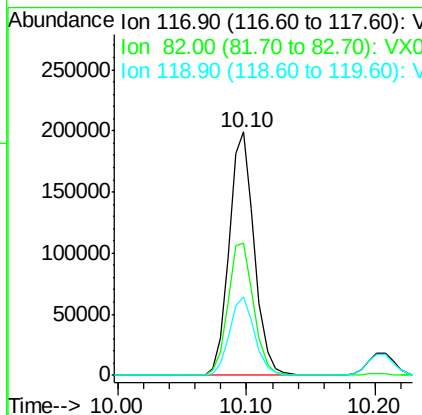
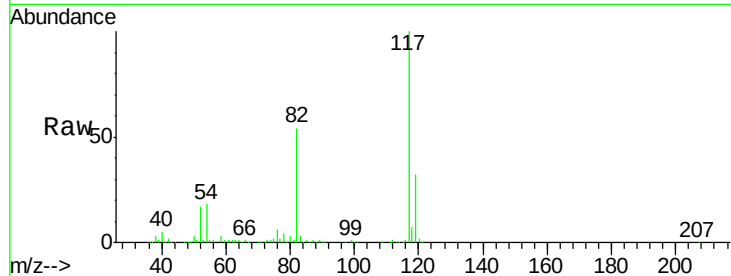
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018987.D
Acq: 20 Oct 2020 20:44

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	270512		
82	54.2		42.2	63.4
119	32.5		25.8	38.8

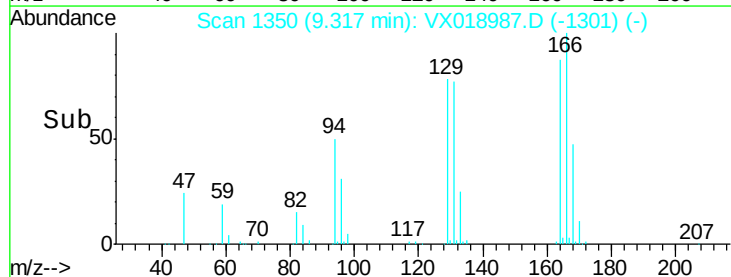
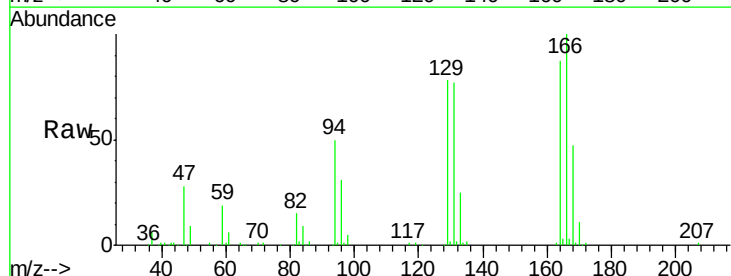
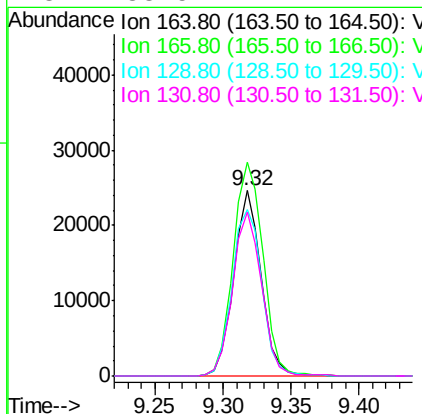
Manual Integrations
APPROVED

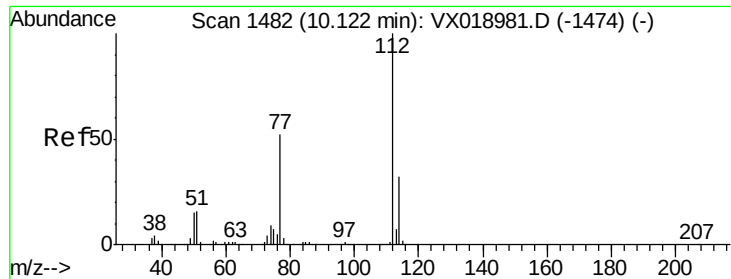
MMDadoda
10/21/2020 1:04:50 PM



#64
Tetrachloroethene
Concen: 18.058 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018987.D
Acq: 20 Oct 2020 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	34419		
166	115.4		95.2	142.8
129	89.7		79.4	119.0
131	88.5		74.2	111.2





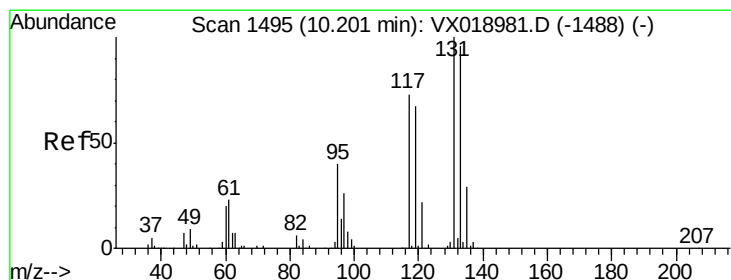
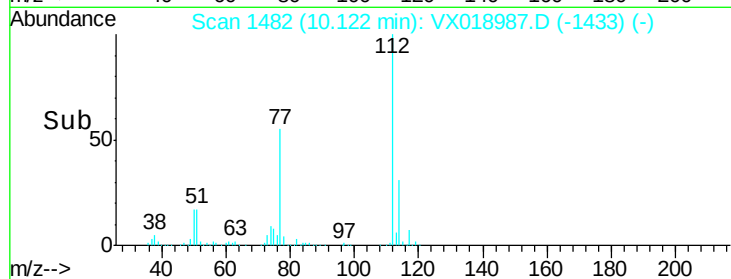
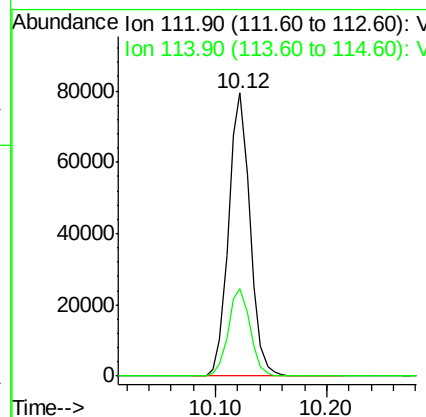
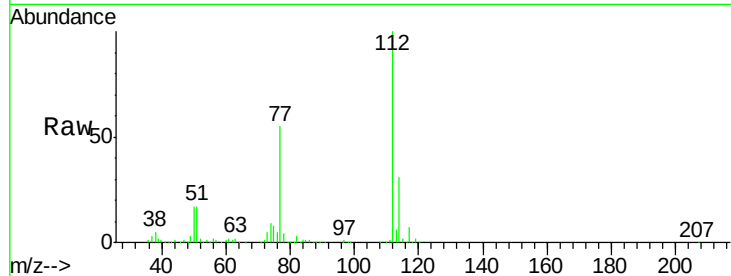
#65
Chlorobenzene
Concen: 18.576 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018987.D
Acq: 20 Oct 2020 20:44

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

Tot Ion:112 Resp: 105924
Ion Ratio Lower Upper
112 100
114 30.9 25.8 38.6

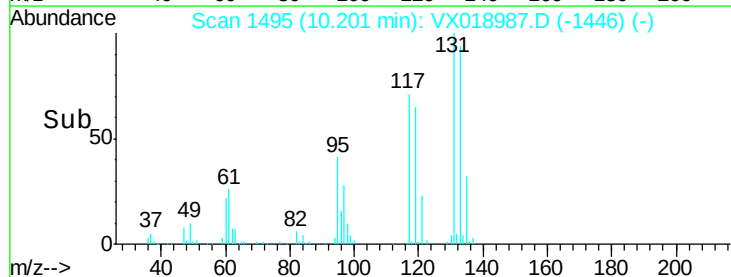
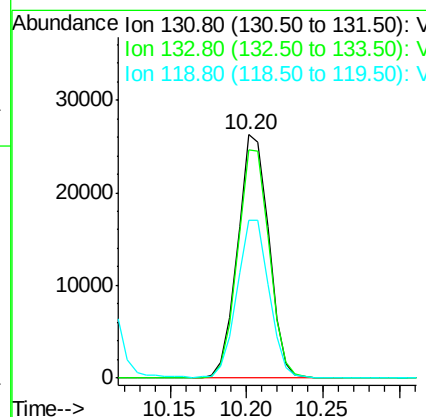
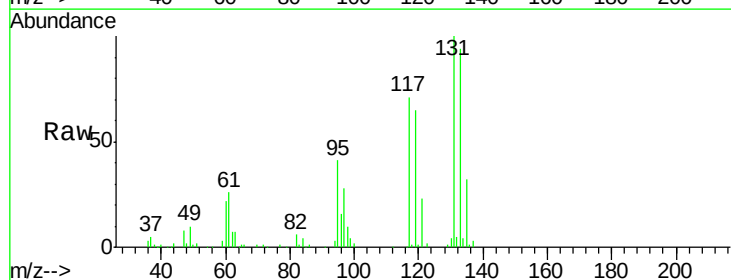
Manual Integrations
APPROVED

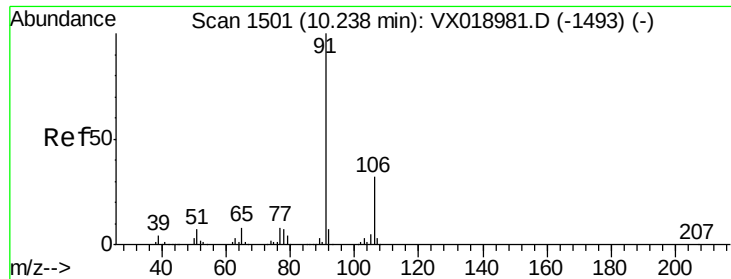
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.306 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX018987.D
Acq: 20 Oct 2020 20:44

Tgt Ion:131 Resp: 37202
Ion Ratio Lower Upper
131 100
133 95.2 48.0 144.2
119 66.8 33.6 100.6





#67

Ethyl Benzene

Concen: 19.007 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018987.D

Acq: 20 Oct 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBSD01

Tot Ion: 91 Resp: 187808

Ion Ratio Lower Upper

91 100

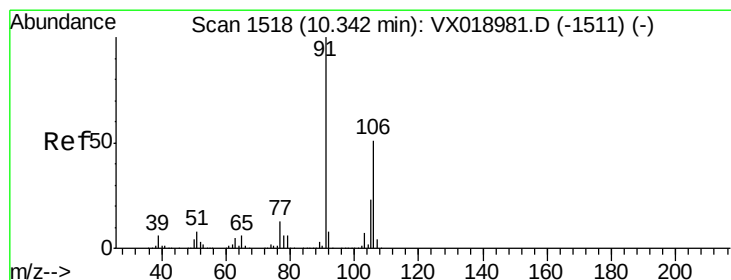
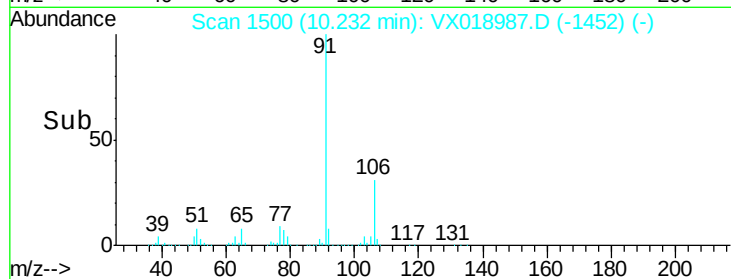
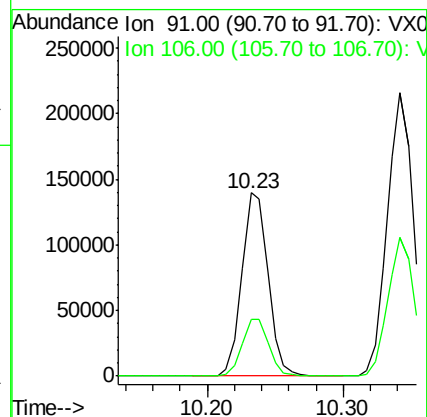
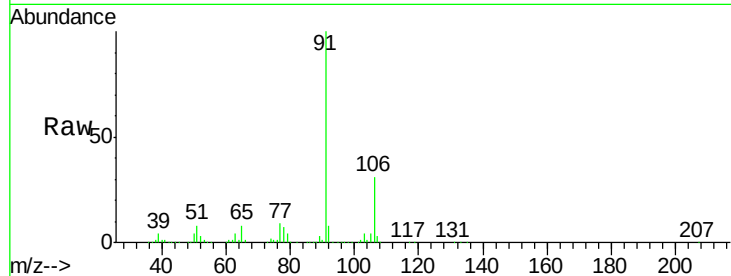
106 30.7 25.8 38.8

Manual Integrations

APPROVED

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#68

m/p-Xylenes

Concen: 36.792 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018987.D

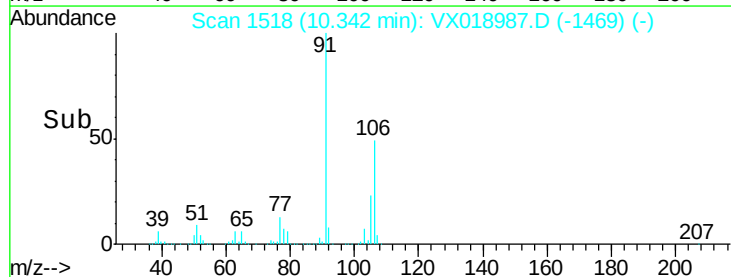
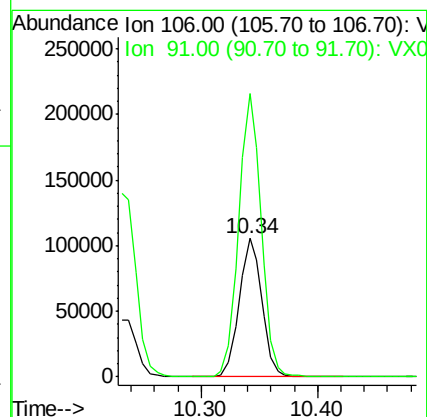
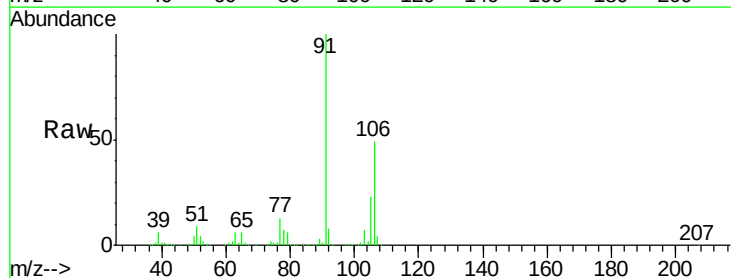
Acq: 20 Oct 2020 20:44

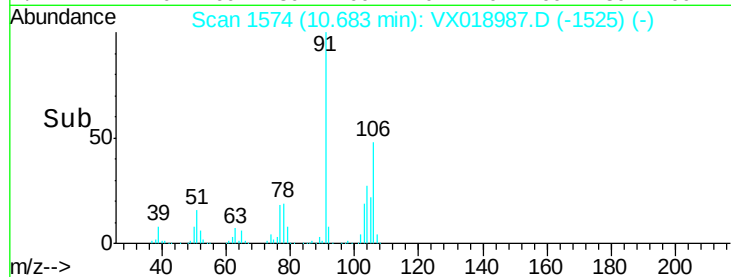
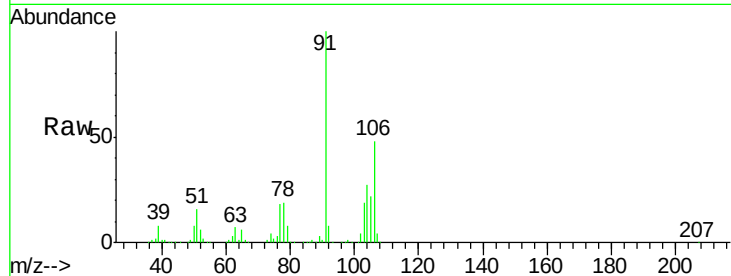
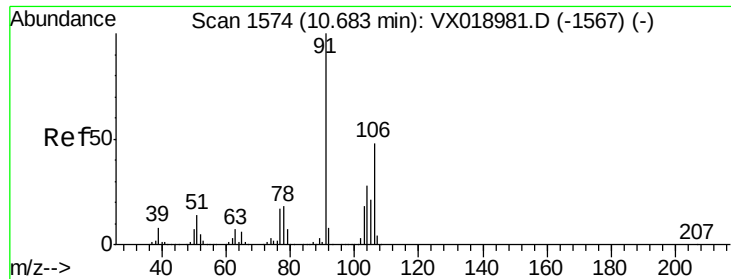
Tgt Ion: 106 Resp: 143313

Ion Ratio Lower Upper

106 100

91 203.3 157.9 236.9





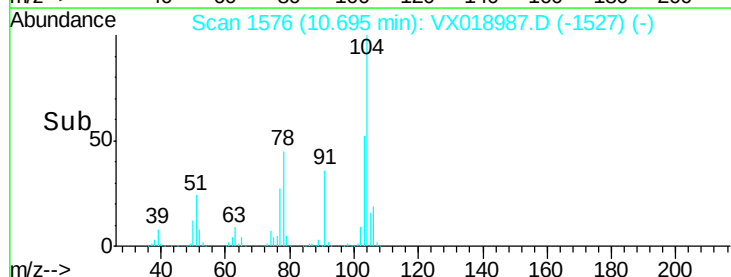
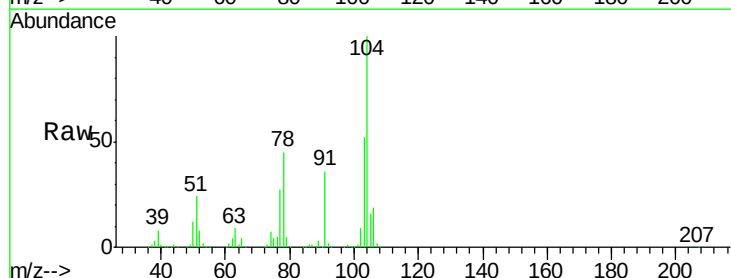
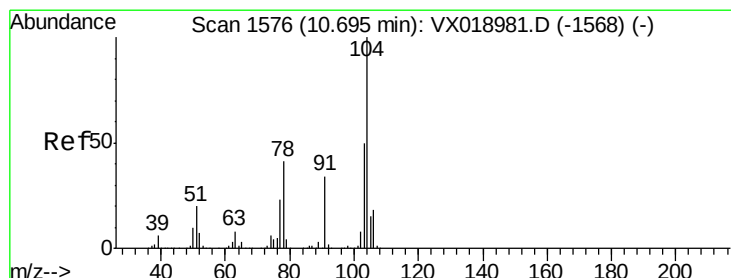
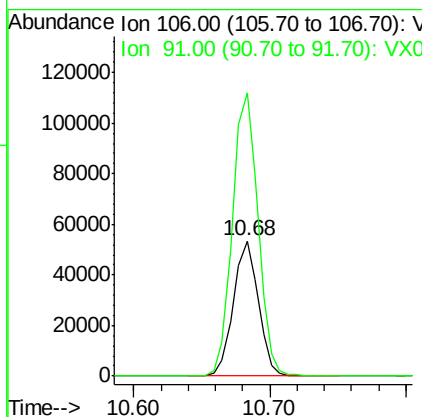
#69
o-Xylene
Concen: 18.333 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018987.D
Acq: 20 Oct 2020 20:44

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		68396		
91	214.5	105.5	316.5		

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

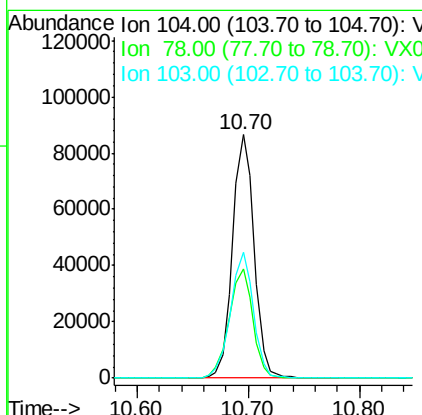
Manual Integrations
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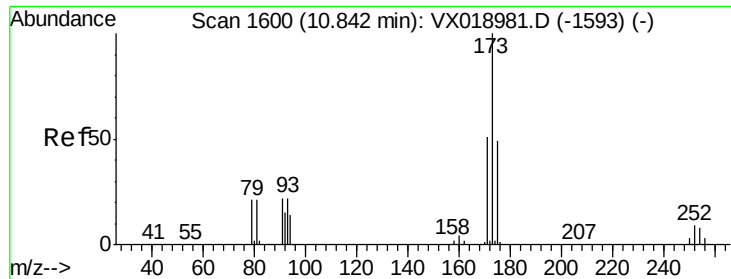
MMDadoda
10/21/2020 1:04:50 PM



#70
Styrene
Concen: 18.156 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018987.D
Acq: 20 Oct 2020 20:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		116194		
78	49.4	37.4	56.0		
103	55.2	43.7	65.5		





#71

Bromoform

Concen: 16.954 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX018987.D

Acq: 20 Oct 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBSD01

Tot Ion:173 Resp: 29031

Ion Ratio Lower Upper

173 100

175 48.6 24.8 74.4

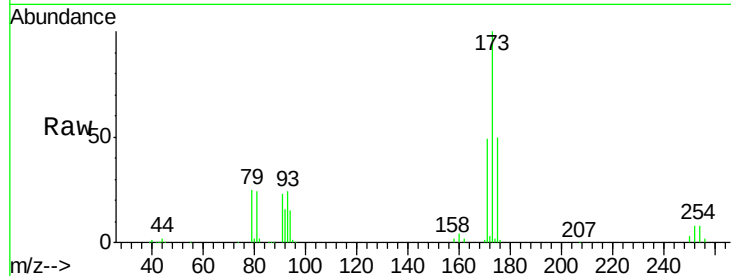
254 0.0 0.1 0.1#

Manual Integrations

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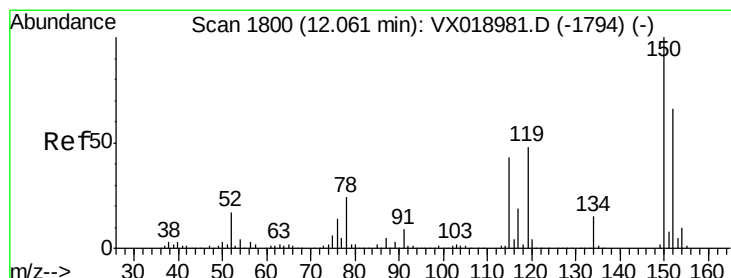
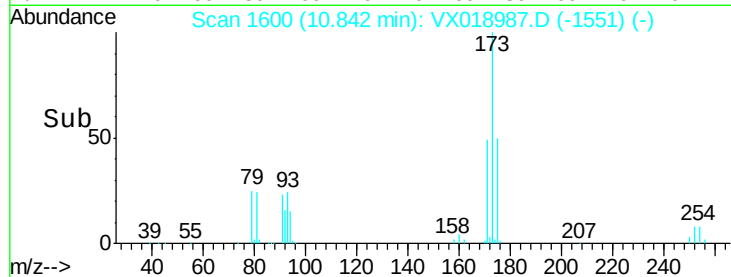
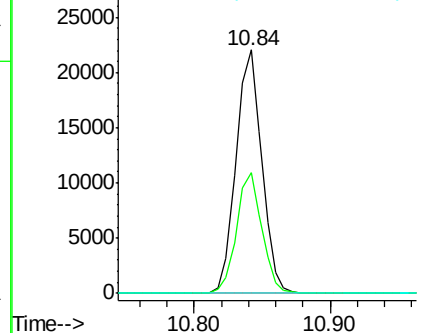
10/21/2020 1:04:50 PM



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: VX018987.D

Acq: 20 Oct 2020 20:44

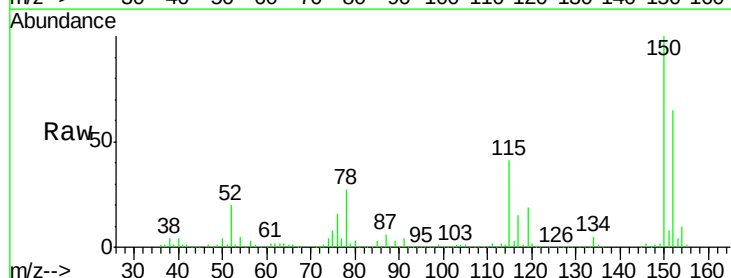
Tgt Ion:152 Resp: 141419

Ion Ratio Lower Upper

152 100

115 69.6 41.2 123.6

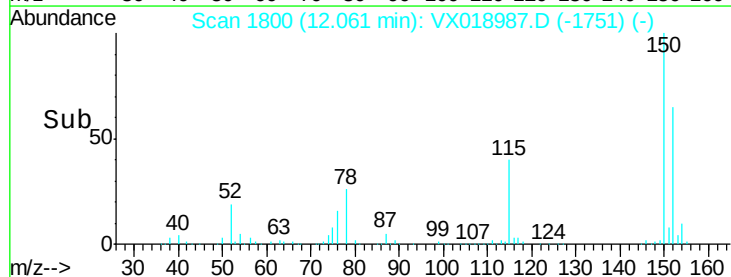
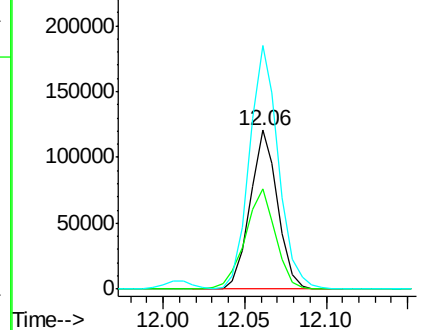
150 162.9 0.0 345.6

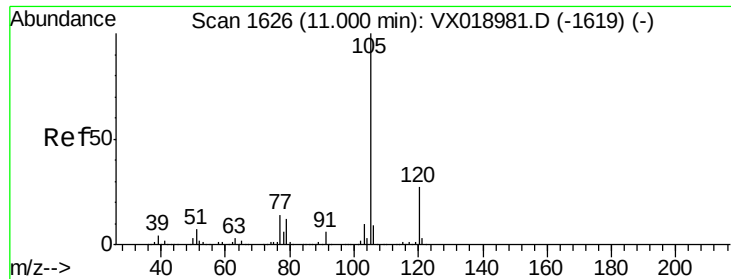


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.259 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX018987.D

Acq: 20 Oct 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBSD01

Tot Ion:105 Resp: 183709

Ion Ratio Lower Upper

105 100

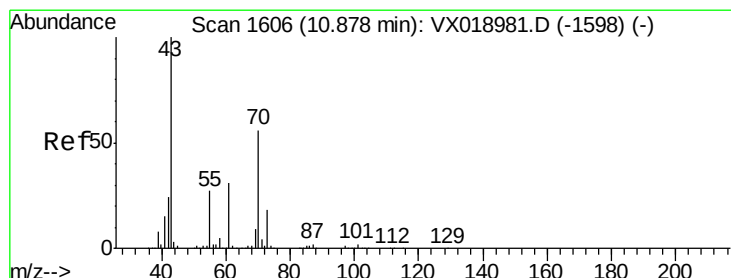
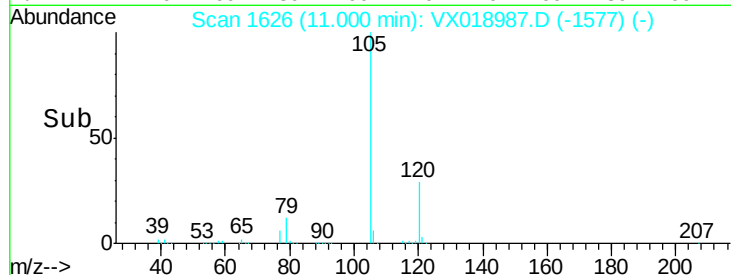
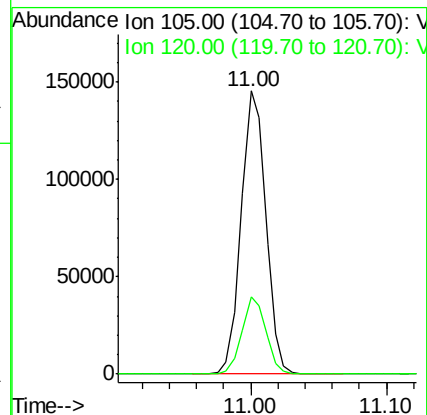
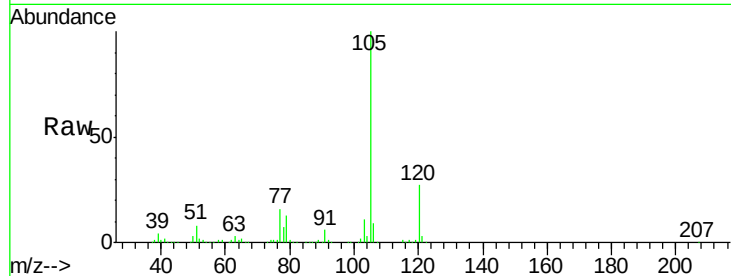
120 26.7 13.6 40.7

Manual Integrations

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#74

N-ethyl acetate

Concen: 18.684 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX018987.D

Acq: 20 Oct 2020 20:44

Tgt Ion: 43 Resp: 60901

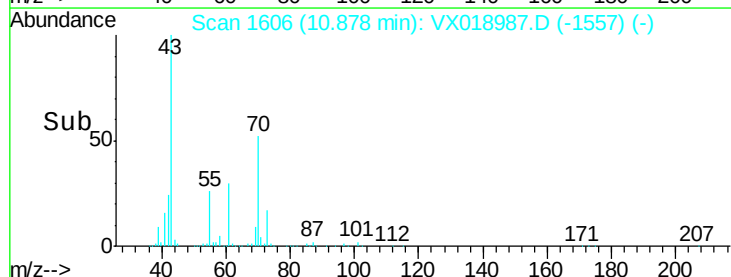
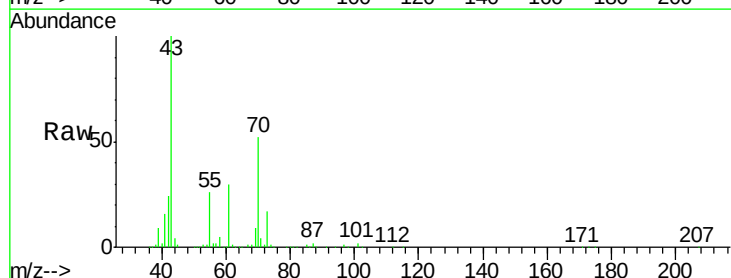
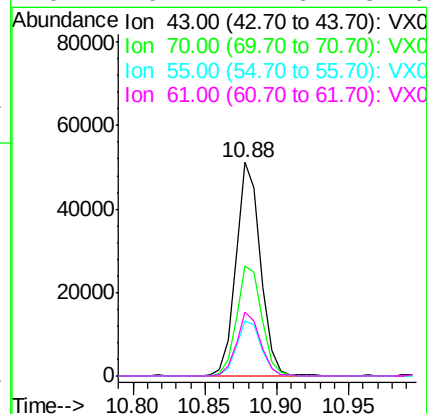
Ion Ratio Lower Upper

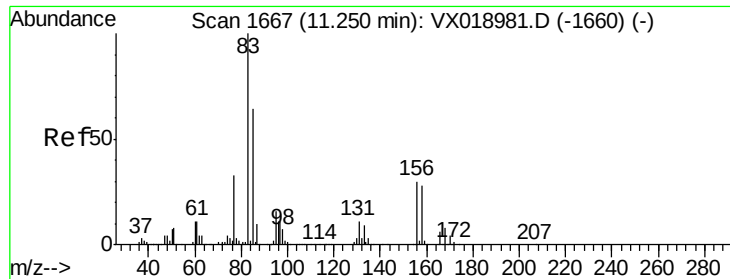
43 100

70 53.0 45.9 68.9

55 27.0 21.9 32.9

61 29.2 24.6 37.0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.718 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018987.D

Acq: 20 Oct 2020 20:44

Instrument :

MSVOA_X

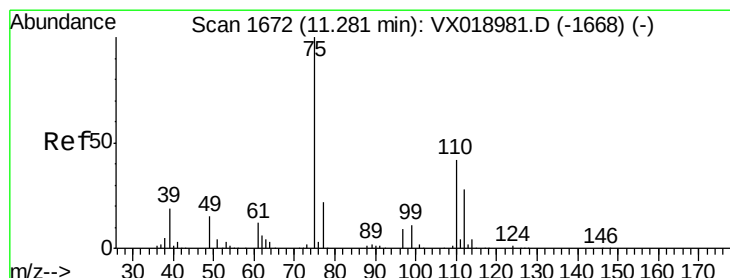
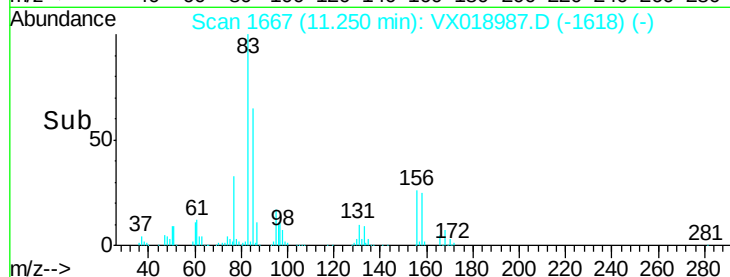
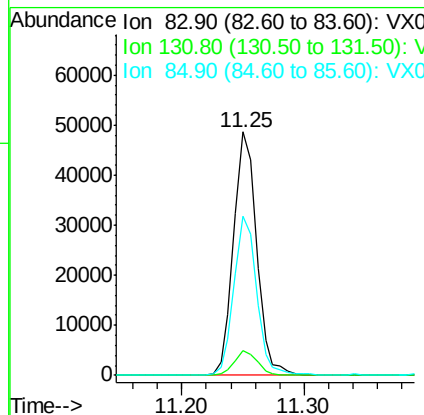
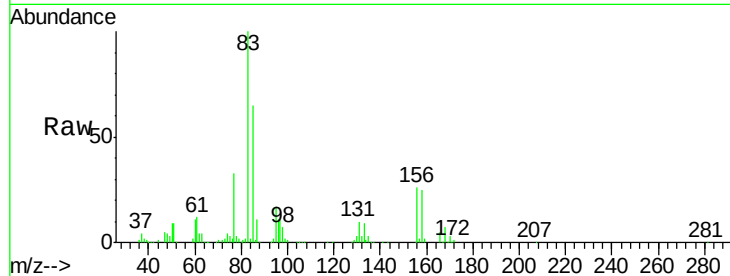
ClientSampleId :

VX1020WBSD01

Tot Ion:	83	Resp:	63330
Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.4	16.2
85	64.5	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.695 ug/l m

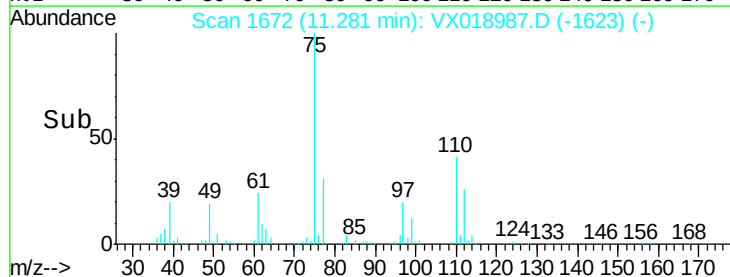
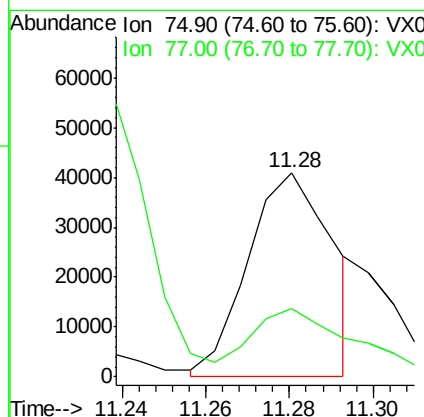
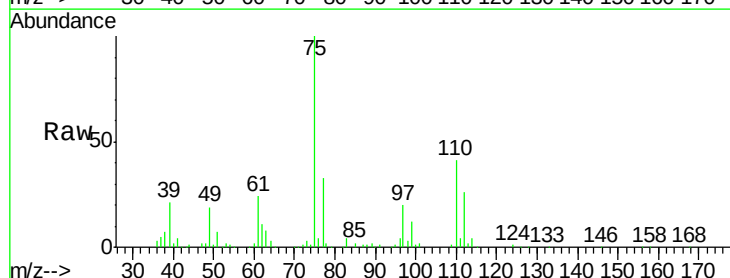
RT: 11.28 min Scan# 1672

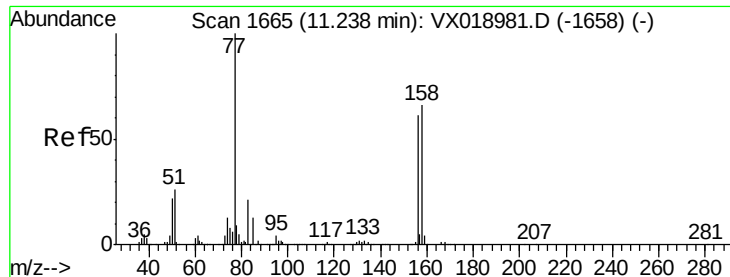
Delta R.T. -0.00 min

Lab File: VX018987.D

Acq: 20 Oct 2020 20:44

Tgt Ion:	75	Resp:	57244
Ion	Ratio	Lower	Upper
75	100		
77	40.9	20.6	61.9





#77

Bromobenzene

Concen: 18.545 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018987.D

Acq: 20 Oct 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBSD01

Tot Ion:156 Resp: 43979

Ion Ratio Lower Upper

156 100

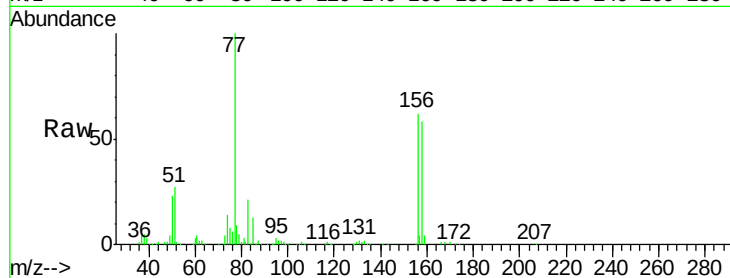
77 165.4 78.5 235.3

158 95.9 50.2 150.6

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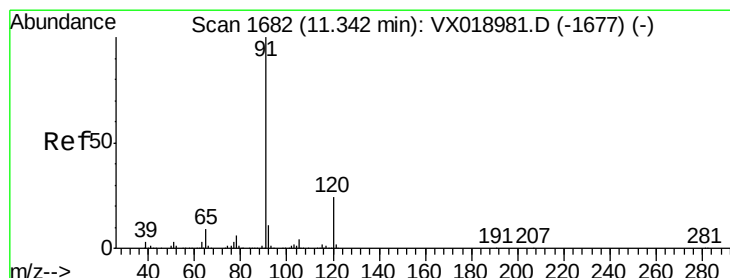
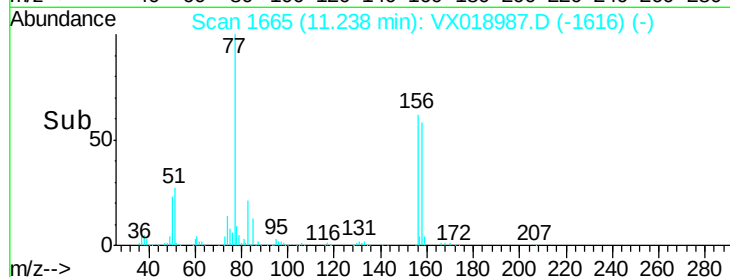
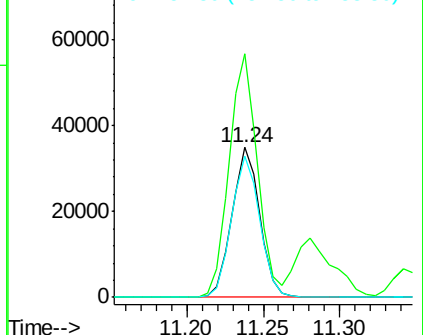
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.477 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX018987.D

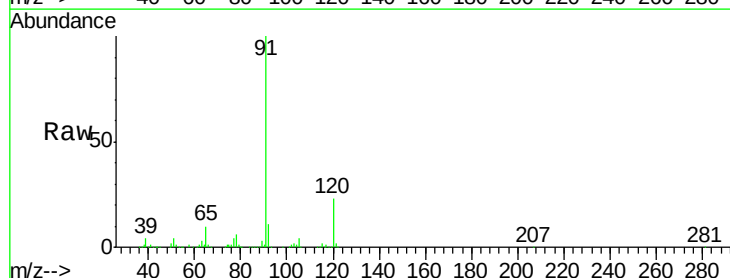
Acq: 20 Oct 2020 20:44

Tgt Ion: 91 Resp: 213584

Ion Ratio Lower Upper

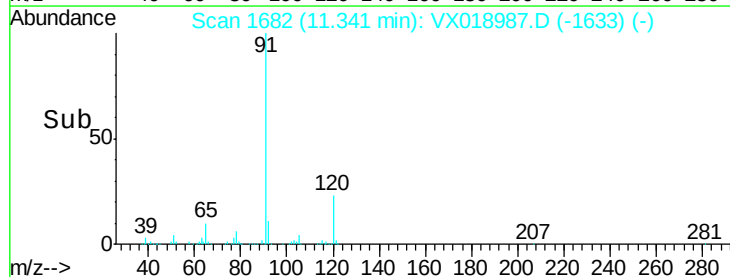
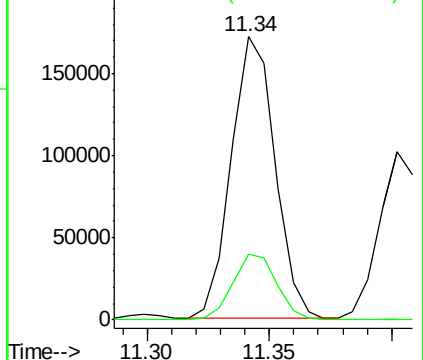
91 100

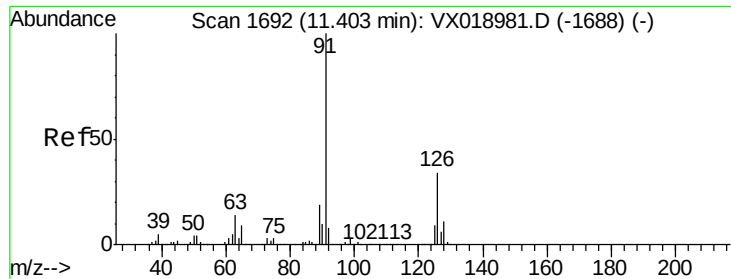
120 23.5 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.578 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018987.D

Acq: 20 Oct 2020 20:44

Instrument :

MSVOA_X

ClientSampleId :

VX1020WBSD01

Tot Ion: 91 Resp: 126599

Ion Ratio Lower Upper

91 100

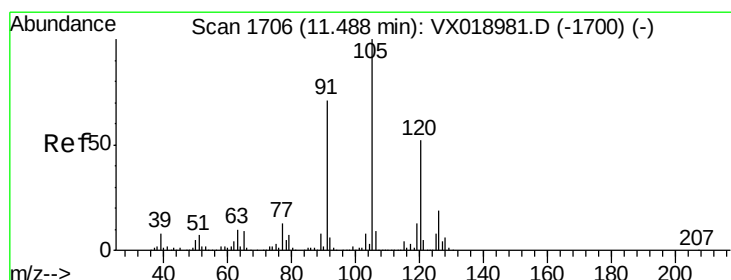
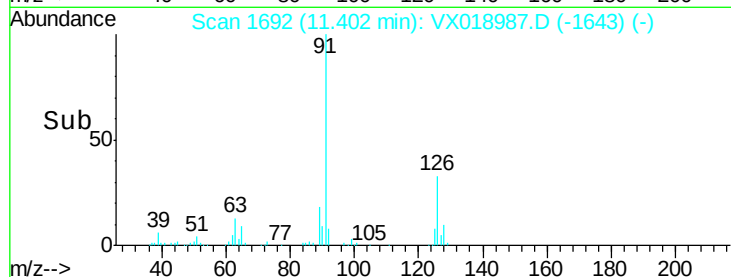
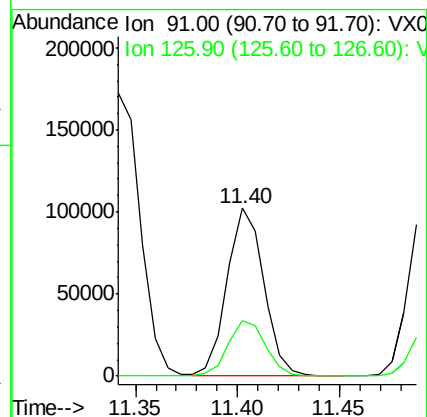
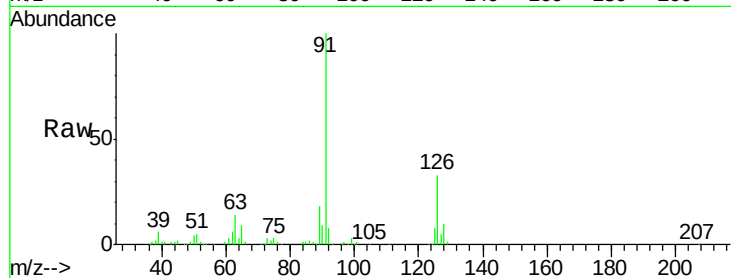
126 34.0 18.0 54.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.264 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX018987.D

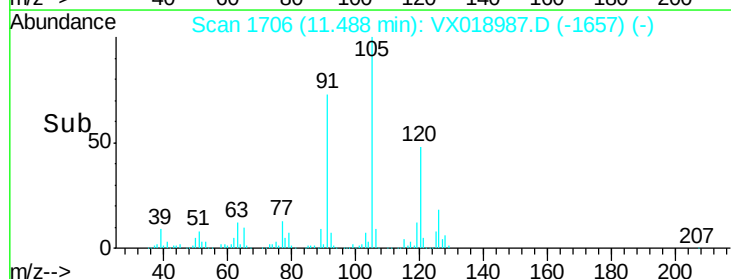
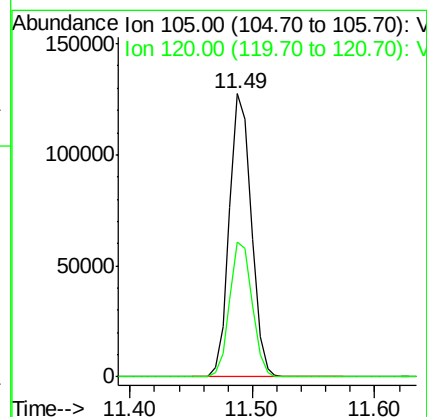
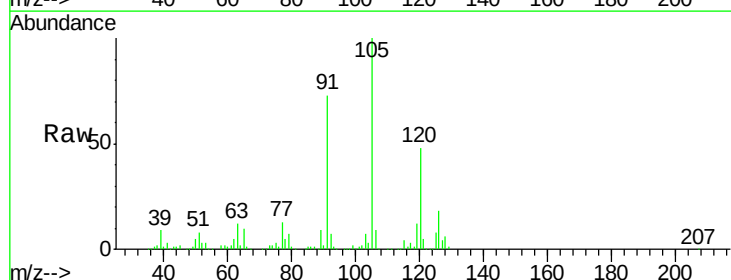
Acq: 20 Oct 2020 20:44

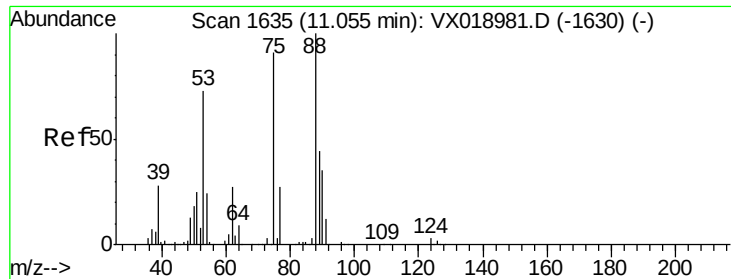
Tgt Ion: 105 Resp: 158136

Ion Ratio Lower Upper

105 100

120 48.6 25.3 75.8





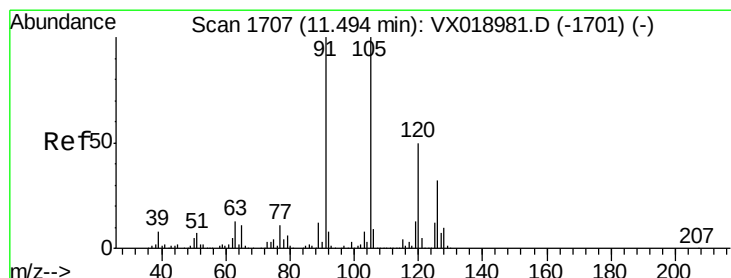
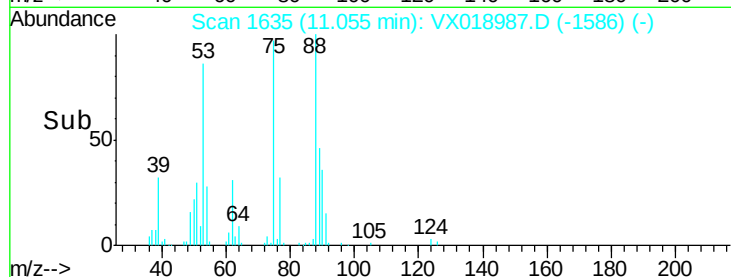
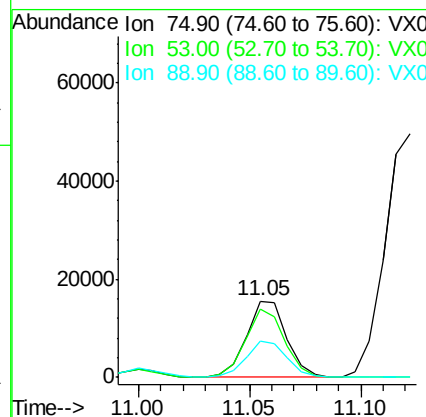
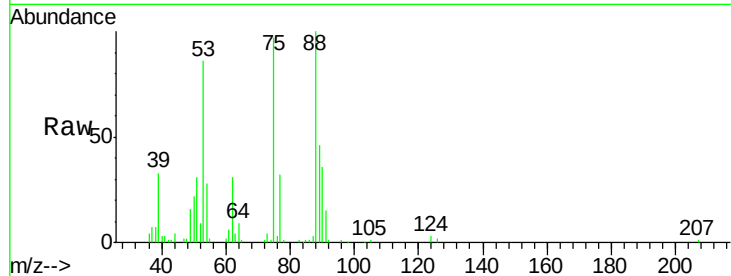
#81
trans-1,4-Dichloro-2-butene
Concen: 17.792 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX018987.D
Acq: 20 Oct 2020 20:44

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.9	63.9	95.9
89	47.3	39.9	59.9

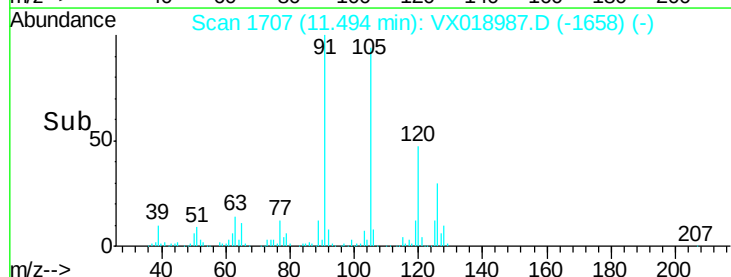
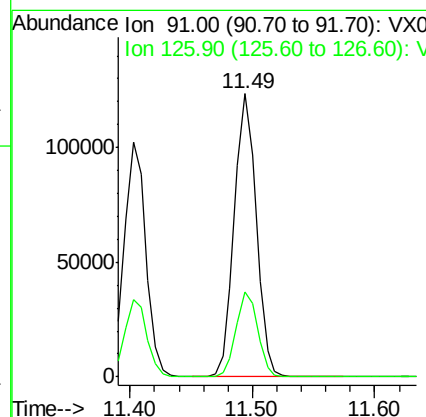
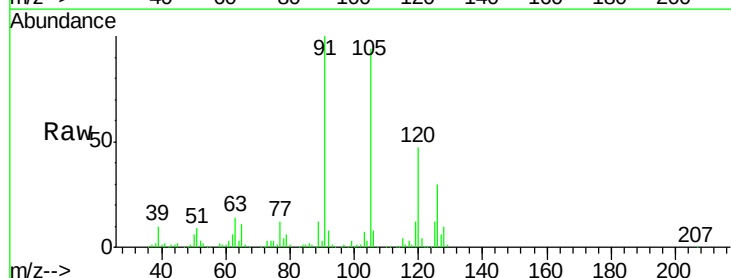
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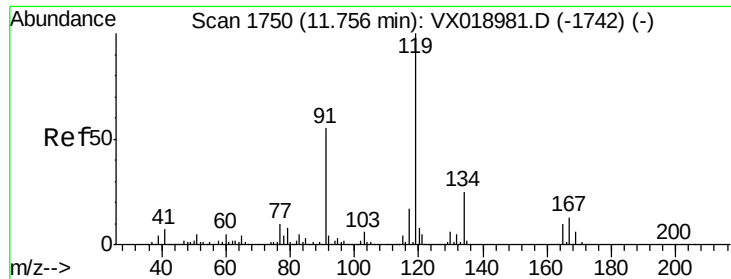
MMDadoda
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#82
4-Chlorotoluene
Concen: 19.296 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018987.D
Acq: 20 Oct 2020 20:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.7	15.9	47.6





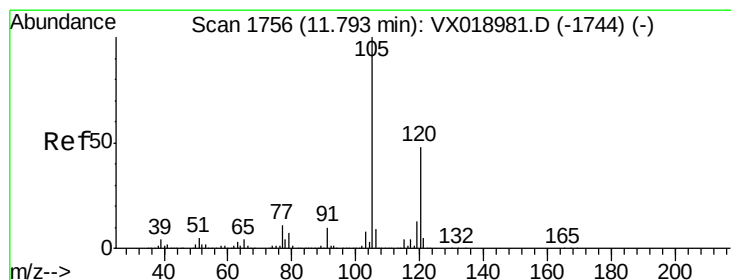
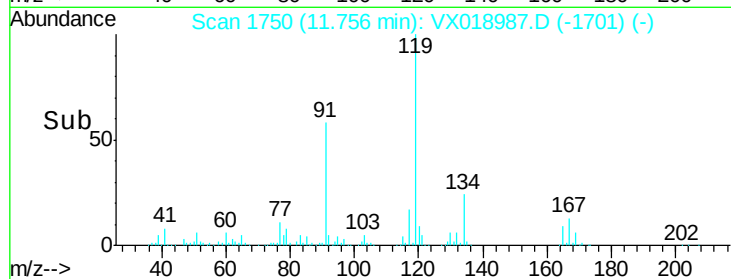
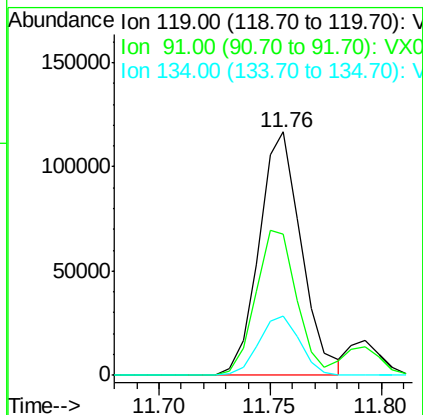
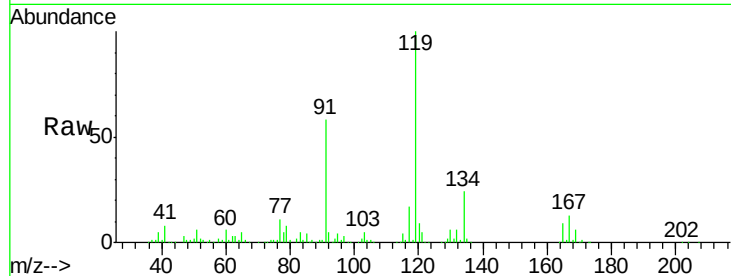
#83
 tert-Butylbenzene
 Concen: 19.253 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018987.D
 Acq: 20 Oct 2020 20:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	153917		
91	57.9		27.5	82.4
134	23.6		11.9	35.7

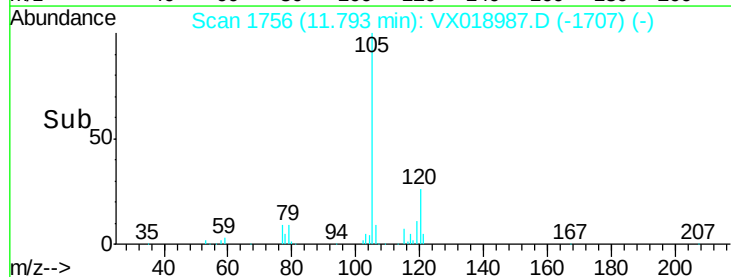
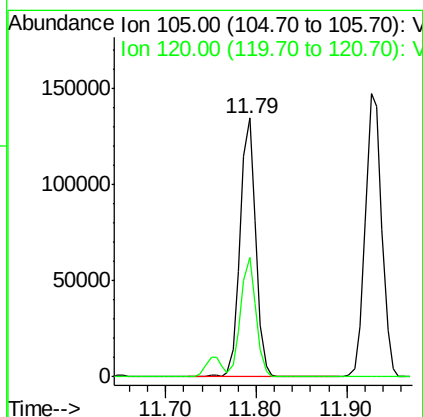
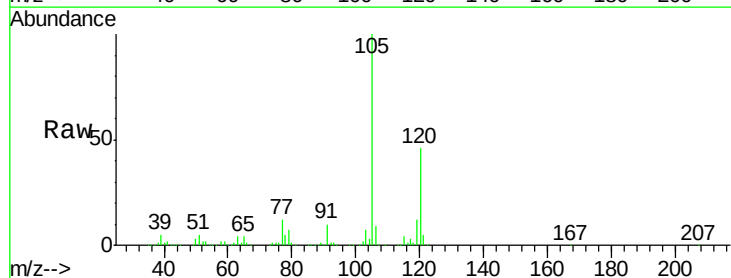
Manual Integrations
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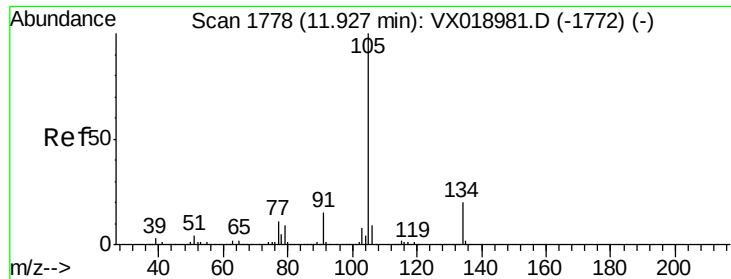
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.495 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018987.D
 Acq: 20 Oct 2020 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	161354		
120	45.0		23.3	69.8





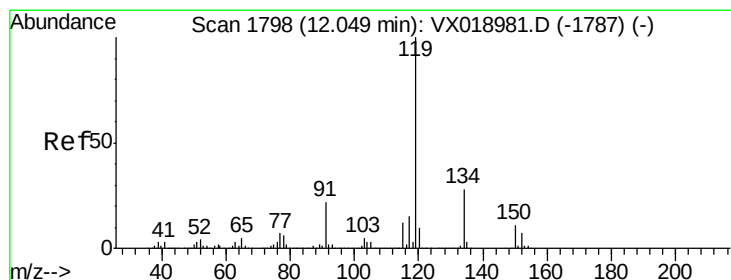
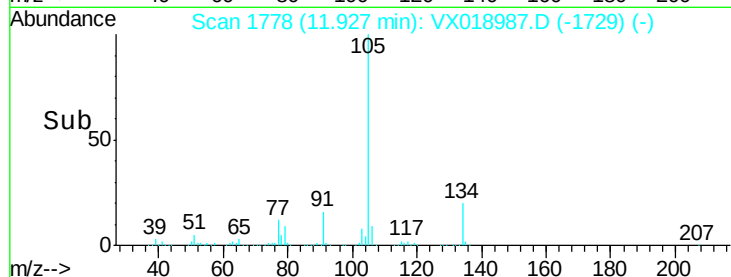
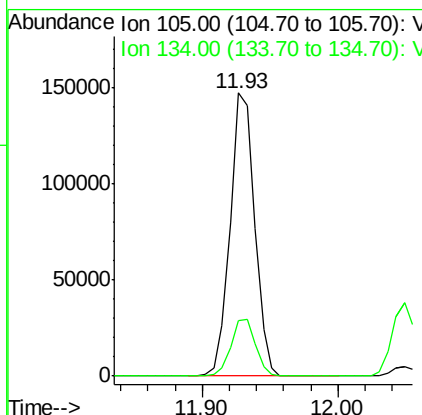
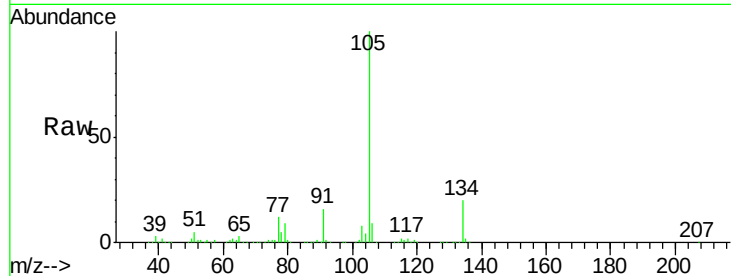
#85
 sec-Butylbenzene
 Concen: 19.372 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX018987.D
 Acq: 20 Oct 2020 20:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBSD01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.1	10.5	31.6

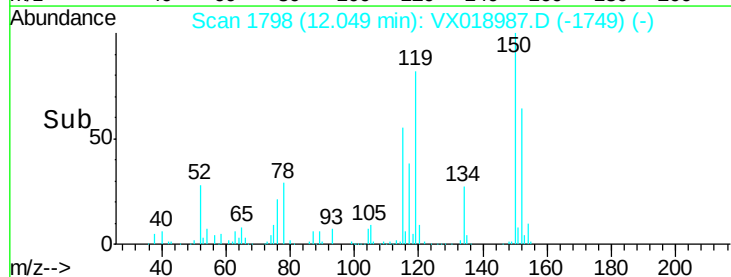
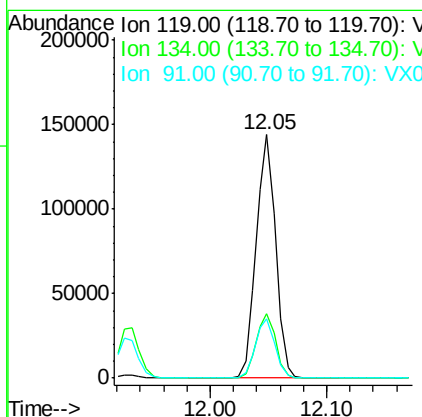
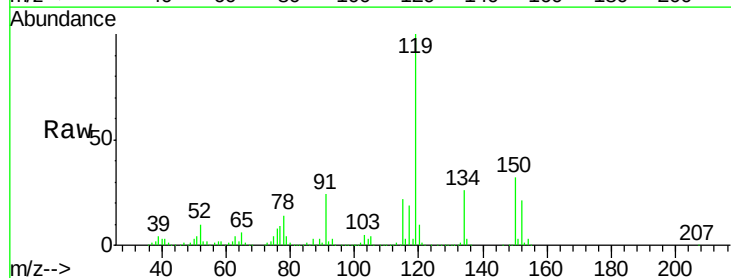
Manual Integrations
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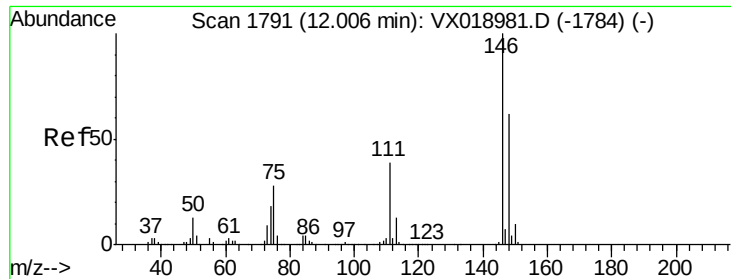
MMDadoda
 10/21/2020 1:04:50 PM



#86
 p-Isopropyltoluene
 Concen: 18.729 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018987.D
 Acq: 20 Oct 2020 20:44

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.5	40.5
91	24.5	11.0	33.0





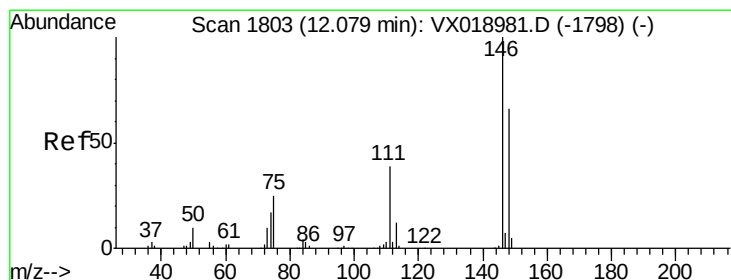
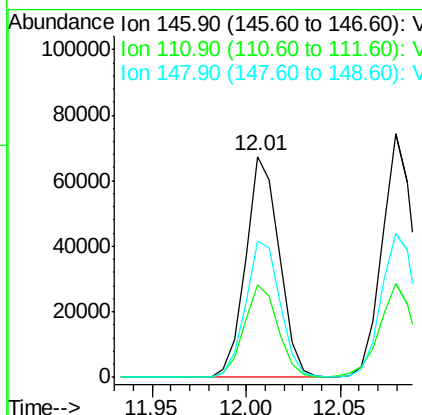
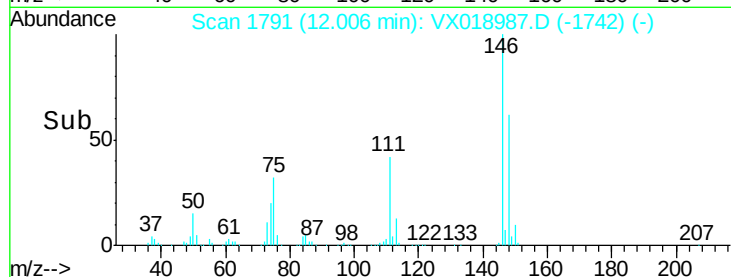
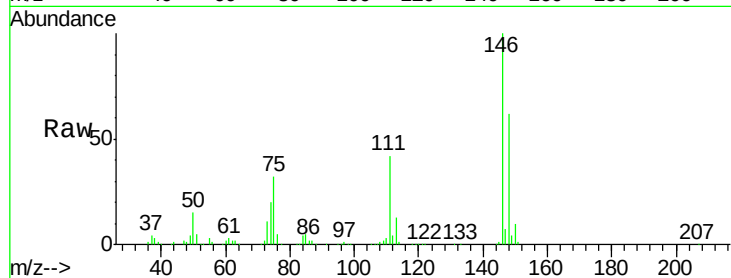
#87
 1,3-Dichlorobenzene
 Concen: 17.975 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX018987.D
 Acq: 20 Oct 2020 20:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	19.8	59.4
148	63.6	31.9	95.7

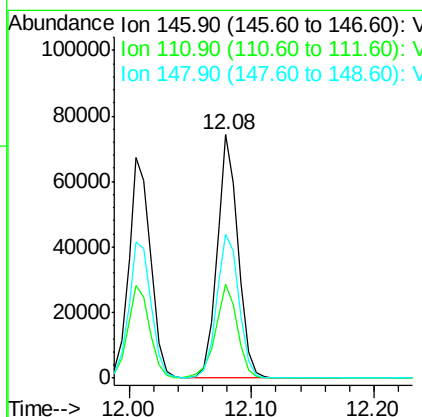
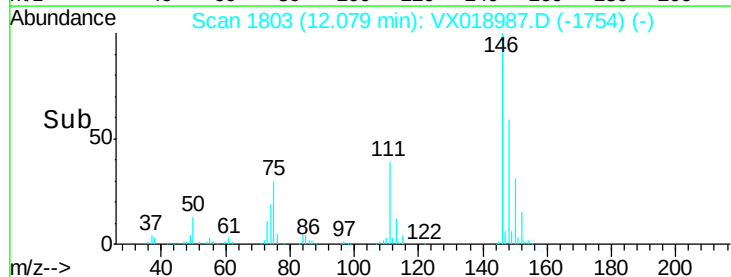
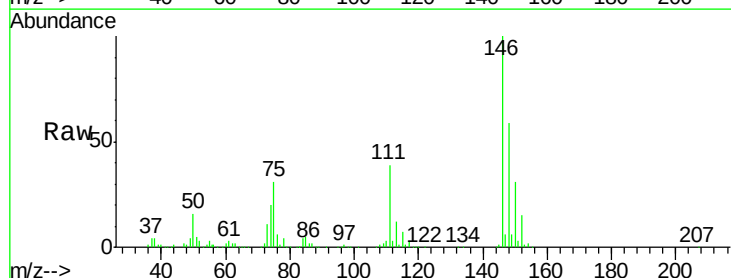
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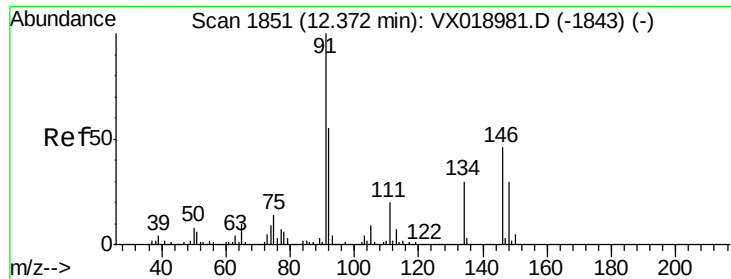
MMDadoda
 10/21/2020 1:04:50 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.485 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018987.D
 Acq: 20 Oct 2020 20:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.3	57.9
148	63.3	32.6	98.0





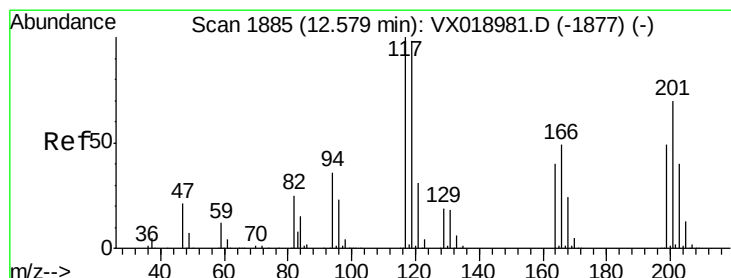
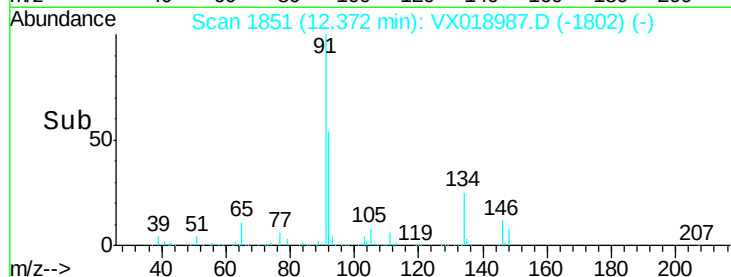
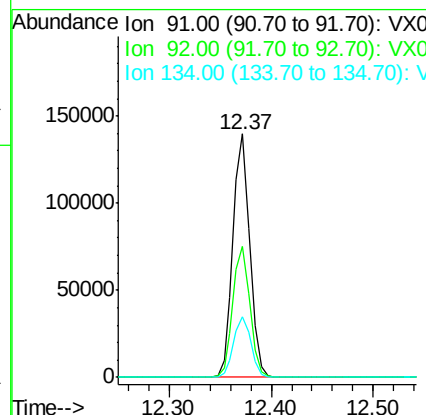
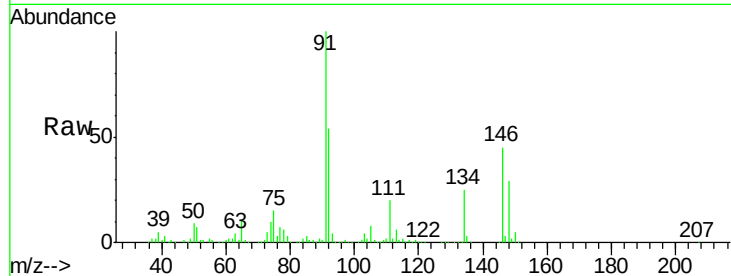
#89
n-Butylbenzene
Concen: 18.888 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018987.D
Acq: 20 Oct 2020 20:44

Instrument :
MSVOA_X
ClientSampleId :
VX1020WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	158593		
92	54.6		27.2	81.6
134	25.5		14.2	42.8

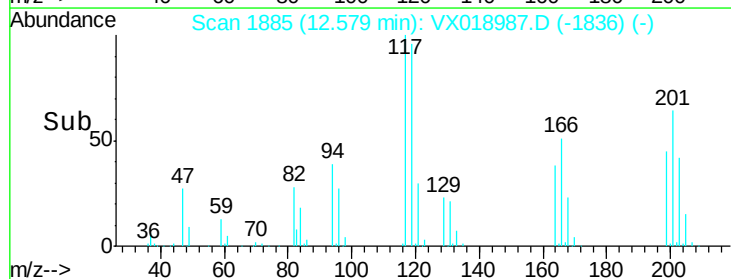
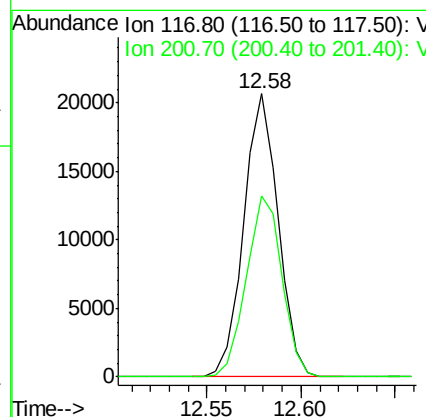
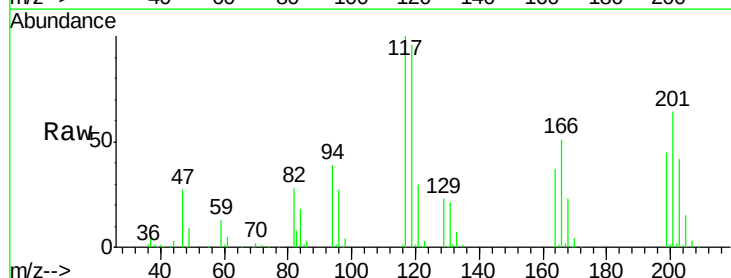
Manual Integrations
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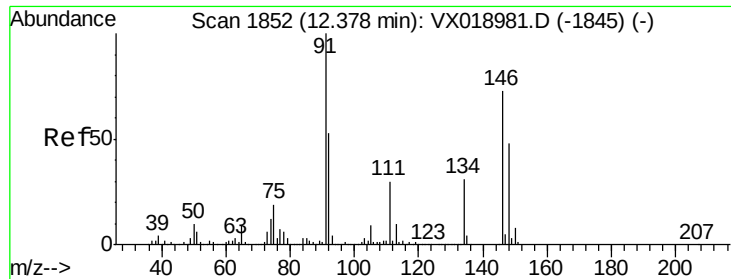
MMDadoda
10/21/2020 1:04:50 PM



#90
Hexachloroethane
Concen: 18.493 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018987.D
Acq: 20 Oct 2020 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	26062		
201	66.4		36.1	108.5





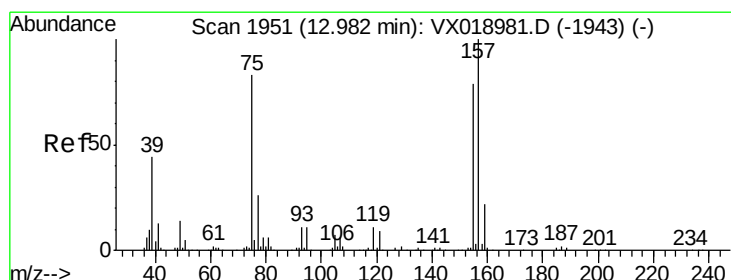
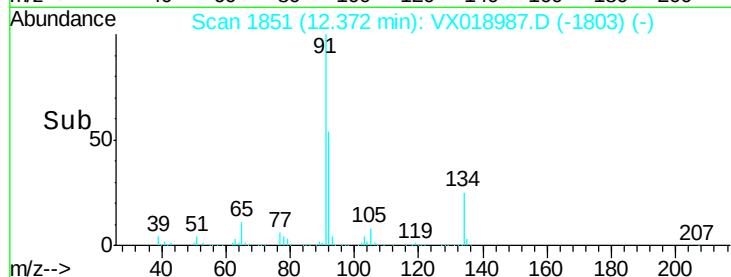
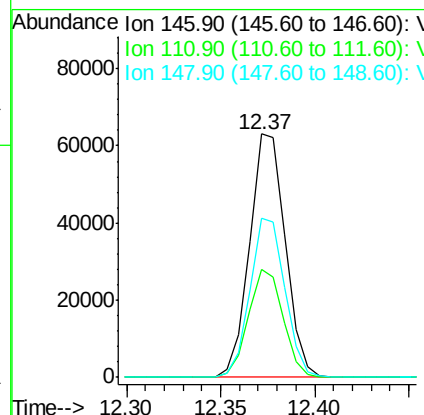
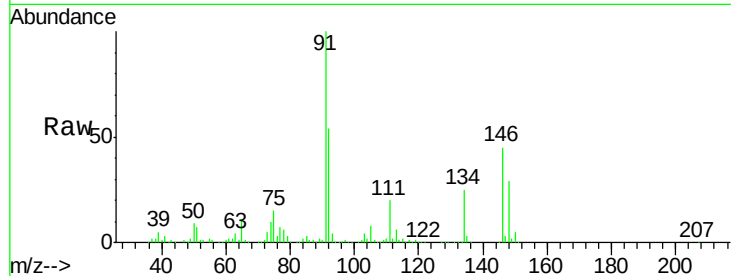
#91
 1,2-Dichlorobenzene
 Concen: 18.479 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX018987.D
 Acq: 20 Oct 2020 20:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	20.8	62.5
148	64.0	32.5	97.4

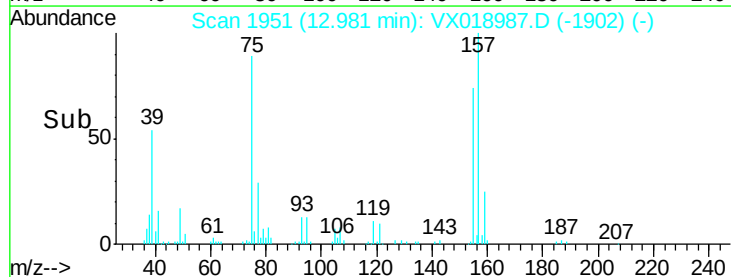
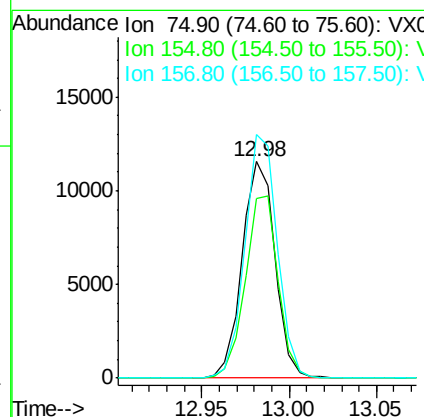
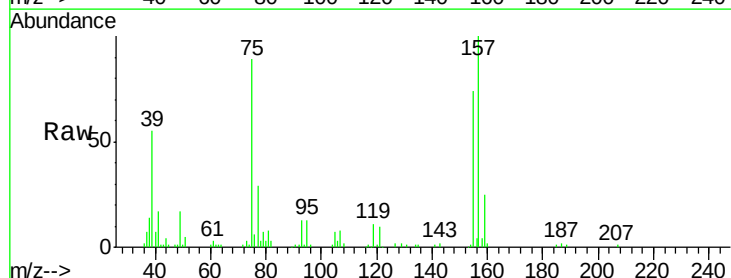
Manual Integrations
 APPROVED

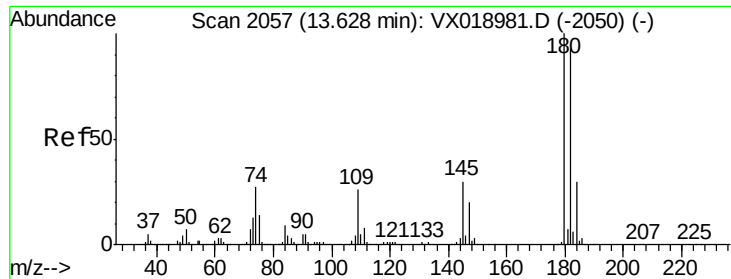
MMDadoda
 10/21/2020 1:04:50 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.136 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX018987.D
 Acq: 20 Oct 2020 20:44

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.2	47.6	142.9
157	110.8	62.7	188.1





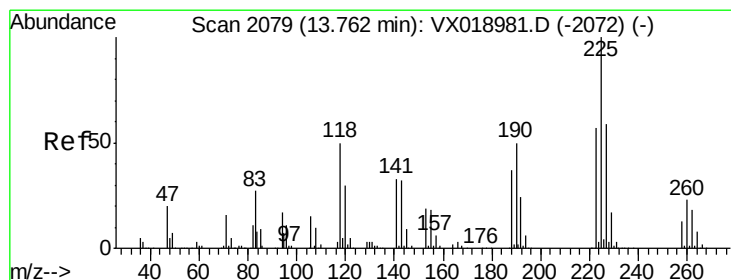
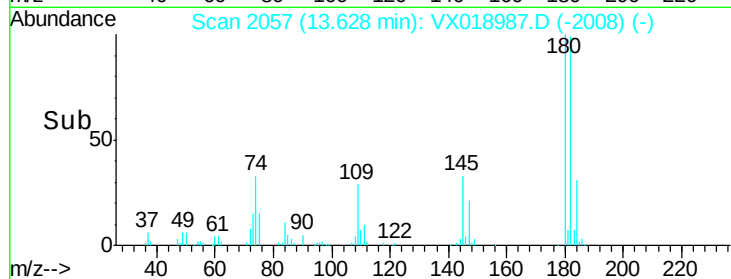
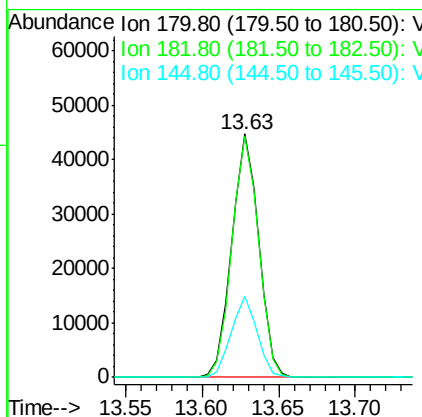
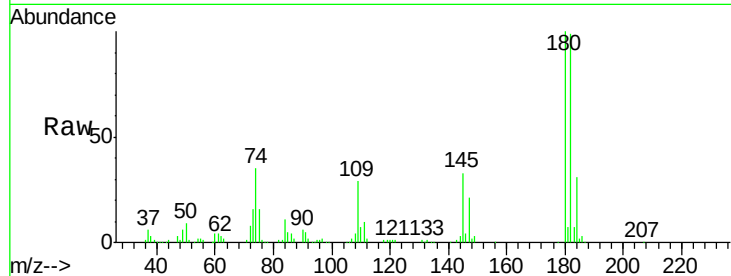
#93
 1,2,4-Trichlorobenzene
 Concen: 17.387 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018987.D
 Acq: 20 Oct 2020 20:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1020WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	54615		
182	98.0	46.6	139.7	
145	32.0	15.7	47.1	

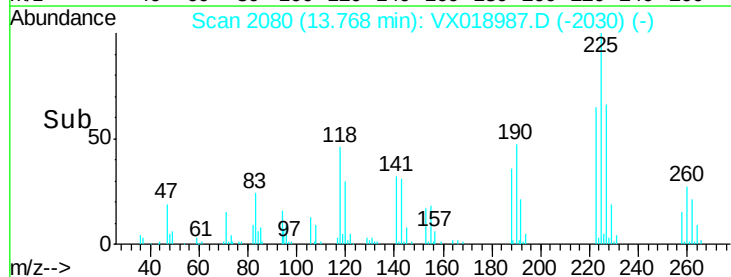
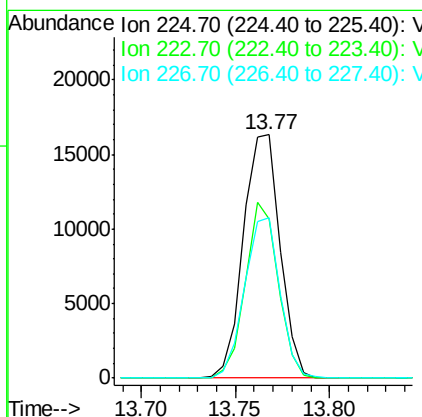
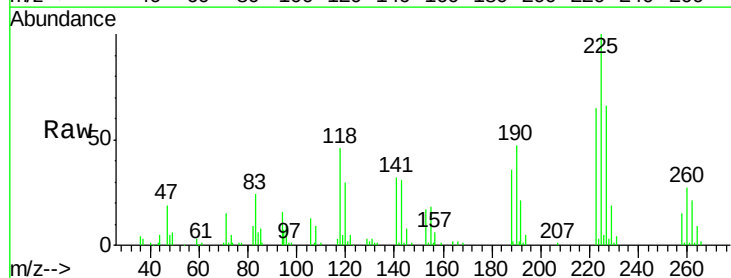
Manual Integrations
 APPROVED

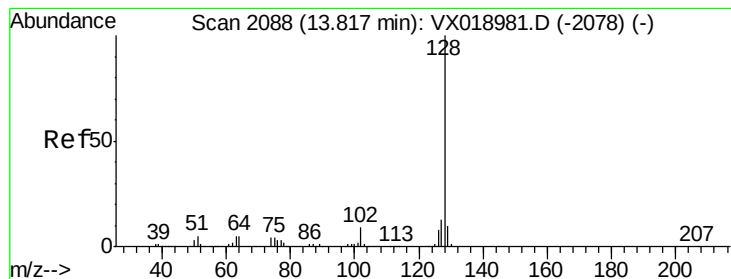
MMDadoda
 10/21/2020 1:04:50 PM



#94
 Hexachlorobutadiene
 Concen: 17.276 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018987.D
 Acq: 20 Oct 2020 20:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	22033		
223	64.7	29.4	88.3	
227	63.4	30.6	92.0	





#95

Naphthalene

Concen: 18.817 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018987.D

Acq: 20 Oct 2020 20:44

Instrument :

MSVOA_X

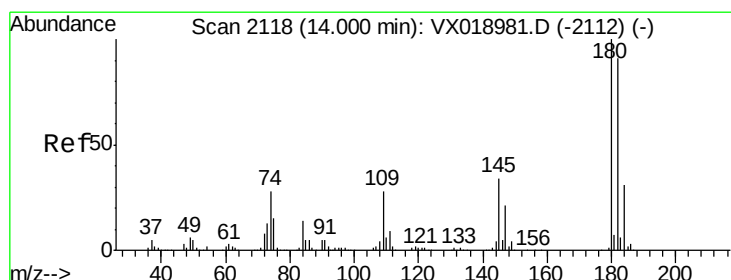
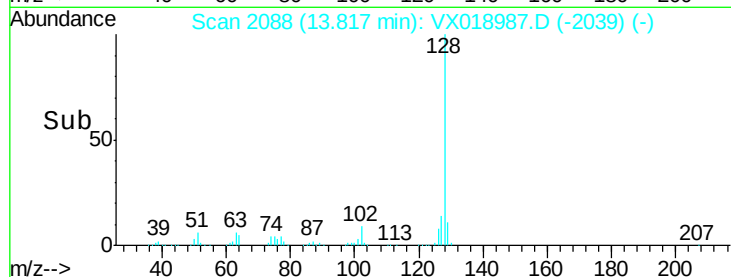
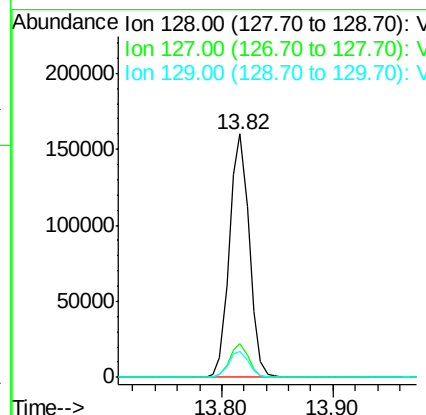
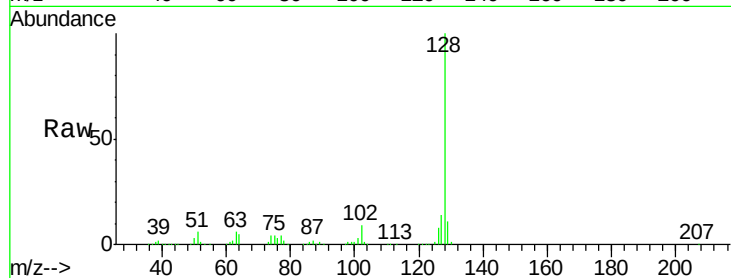
ClientSampleId :

VX1020WBSD01

Tot Ion:	128	Resp:	197225
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.3	15.5
129	10.9	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/21/2020 1:04:50 PM



#96

1,2,3-Trichlorobenzene

Concen: 17.900 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX018987.D

Acq: 20 Oct 2020 20:44

Tgt Ion:	180	Resp:	53090
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.8	143.4
145	34.0	17.0	51.0

