

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113020\
 Data File : VX019671.D
 Acq On : 30 Nov 2020 11:36
 Operator : JC/MD
 Sample : VX1130WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sampled :
 VX1130WBS01

Manual Integrations
 APPROVED

MMDadoda
 12/1/2020 9:35:54 AM

Quant Time: Dec 01 02:53:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	299689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	493270	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	434769	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	203467	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	182793	47.04	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.08%
35) Dibromofluoromethane	5.46	113	149985	48.44	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.88%
50) Toluene-d8	8.70	98	564761	46.94	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.88%
62) 4-Bromofluorobenzene	11.12	95	202806	46.85	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.70%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	51081	17.527	ug/l 99
3) Chloromethane	1.31	50	54885	16.412	ug/l 100
4) Vinyl Chloride	1.39	62	61518	17.088	ug/l 99
5) Bromomethane	1.62	94	22109	16.214	ug/l 99
6) Chloroethane	1.69	64	38850	43.771	ug/l 98
7) Trichlorofluoromethane	1.90	101	89557	17.236	ug/l 98
8) Diethyl Ether	2.17	74	37573	18.056	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	52282	18.036	ug/l 99
10) Methyl Iodide	2.48	142	67580	17.746	ug/l 99
11) Tert butyl alcohol	3.03	59	79546	108.171	ug/l 98
12) 1,1-Dichloroethene	2.35	96	51354	17.260	ug/l 98
13) Acrolein	2.27	56	30159	61.012	ug/l 99
14) Allyl chloride	2.70	41	84015	18.025	ug/l 99
15) Acrylonitrile	3.11	53	163468	94.257	ug/l 99
16) Acetone	2.42	43	146418	97.438	ug/l 99
17) Carbon Disulfide	2.54	76	131600	16.464	ug/l 100
18) Methyl Acetate	2.75	43	70292	19.471	ug/l 99
19) Methyl tert-butyl Ether	3.17	73	197719	19.252	ug/l 100
20) Methylene Chloride	2.83	84	65774	17.513	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	60648	17.991	ug/l 96
22) Diisopropyl ether	3.82	45	181754	18.850	ug/l 95
23) Vinyl Acetate	3.78	43	768464	95.016	ug/l 100
24) 1,1-Dichloroethane	3.67	63	108976	18.478	ug/l 99
25) 2-Butanone	4.64	43	212097	93.960	ug/l 99
26) 2,2-Dichloropropane	4.54	77	95199	18.493	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	71203	18.388	ug/l 97
28) Bromochloromethane	4.98	49	46796	16.596	ug/l 99
29) Tetrahydrofuran	5.09	42	133118	92.426	ug/l 99
30) Chloroform	5.17	83	114332	18.540	ug/l 96
31) Cyclohexane	5.54	56	89767	17.762	ug/l 95
32) 1,1,1-Trichloroethane	5.45	97	97427	18.392	ug/l 100
36) 1,1-Dichloropropene	5.76	75	81295	17.580	ug/l 98
37) Ethyl Acetate	4.79	43	82026	18.894	ug/l 99
38) Carbon Tetrachloride	5.74	117	82382	18.405	ug/l 98

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MMDadoda
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	95966	17.823	ug/l	99
40) Benzene	6.10	78	255645	17.992	ug/l	100
41) Methacrylonitrile	5.00	41	43793	18.293	ug/l	99
42) 1,2-Dichloroethane	6.15	62	89456	18.369	ug/l	100
43) Isopropyl Acetate	6.41	43	132634	18.174	ug/l	99
44) Trichloroethene	7.18	130	67457	18.125	ug/l	93
45) 1,2-Dichloropropane	7.49	63	64797	18.525	ug/l	97
46) Dibromomethane	7.63	93	43827	18.307	ug/l	99
47) Bromodichloromethane	7.87	83	85912	18.494	ug/l	97
48) Methyl methacrylate	7.74	41	64772	18.951	ug/l	98
49) 1,4-Dioxane	7.71	88	30095	387.813	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	393837	92.546	ug/l	99
52) Toluene	8.76	92	158927	18.284	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	91838	18.305	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	104406	18.752	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	63995	18.078	ug/l	97
56) Ethyl methacrylate	9.16	69	92028	18.372	ug/l	99
57) 1,3-Dichloropropane	9.35	76	109297	18.442	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	255938	87.199	ug/l	99
59) 2-Hexanone	9.47	43	297497	92.175	ug/l	100
60) Dibromochloromethane	9.56	129	63453	18.300	ug/l	99
61) 1,2-Dibromoethane	9.65	107	67783	18.576	ug/l	99
64) Tetrachloroethene	9.32	164	58207	17.032	ug/l	91
65) Chlorobenzene	10.12	112	163836	18.328	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	61617	18.951	ug/l	98
67) Ethyl Benzene	10.23	91	289968	18.517	ug/l	98
68) m/p-Xylenes	10.34	106	216422	37.095	ug/l	99
69) o-Xylene	10.68	106	105388	18.897	ug/l	100
70) Styrene	10.70	104	173198	17.871	ug/l	99
71) Bromoform	10.84	173	43784	18.354	ug/l #	99
73) Isopropylbenzene	11.00	105	277899	19.744	ug/l	99
74) N-amyl acetate	10.88	43	103984	19.715	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	94500	18.774	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	88631m	19.960	ug/l	
77) Bromobenzene	11.24	156	69358	19.303	ug/l	99
78) n-propylbenzene	11.34	91	308393	19.099	ug/l	100
79) 2-Chlorotoluene	11.40	91	190578	19.461	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	229286	19.419	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	28883	20.314	ug/l	97
82) 4-Chlorotoluene	11.49	91	218224	18.930	ug/l	99
83) tert-Butylbenzene	11.76	119	225857	19.772	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	230948	19.331	ug/l	100
85) sec-Butylbenzene	11.93	105	257749	18.966	ug/l	100
86) p-Isopropyltoluene	12.05	119	232538	18.847	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	121817	18.460	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	122678	18.048	ug/l	98
89) n-Butylbenzene	12.37	91	194686	17.453	ug/l	99
90) Hexachloroethane	12.58	117	39306	19.038	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	120917	18.244	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19295	18.790	ug/l	97

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ClientSampleId :
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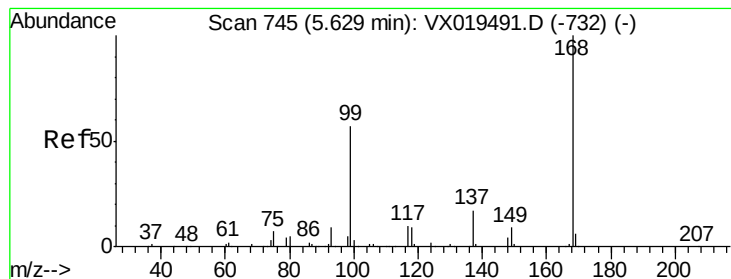
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	77022	18.101	ug/l	97
94) Hexachlorobutadiene	13.76	225	32716	16.878	ug/l	95
95) Naphthalene	13.82	128	250053	18.114	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	76942	18.078	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019671.D

Acq: 30 Nov 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBS01

Tot Ion:168 Resp: 299689

Ion Ratio Lower Upper

168 100

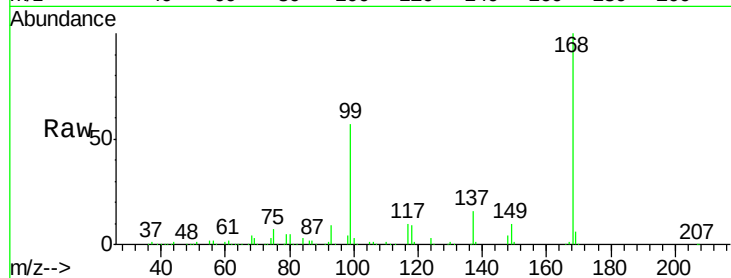
99 57.3 45.8 68.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

120000

100000

80000

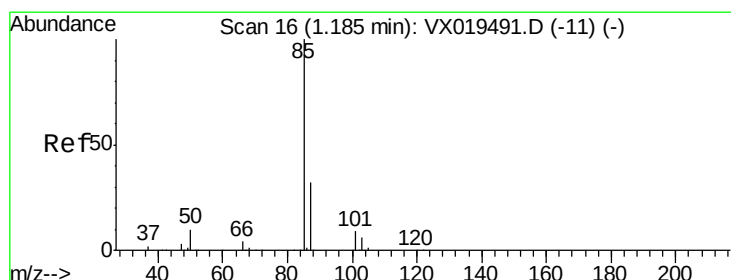
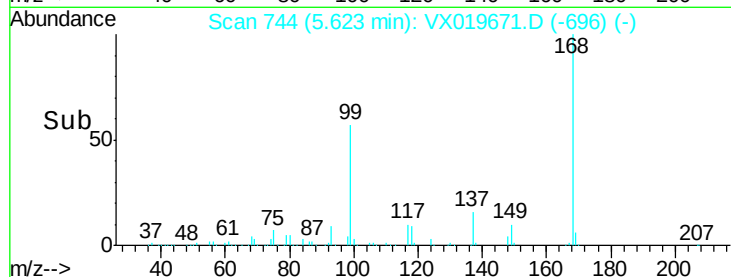
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 17.527 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019671.D

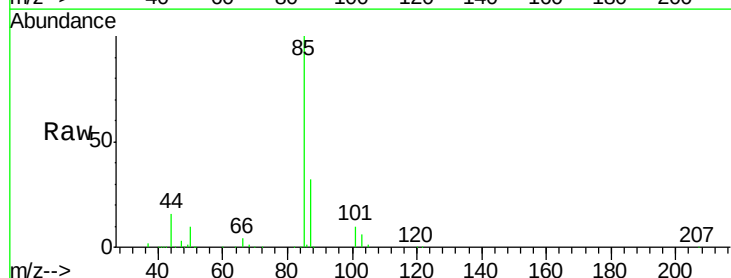
Acq: 30 Nov 2020 11:36

Tgt Ion: 85 Resp: 51081

Ion Ratio Lower Upper

85 100

87 32.4 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

60000

50000

40000

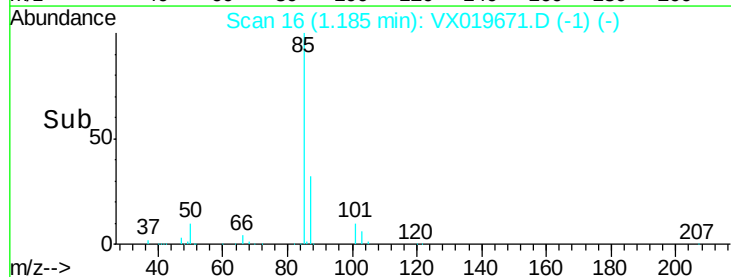
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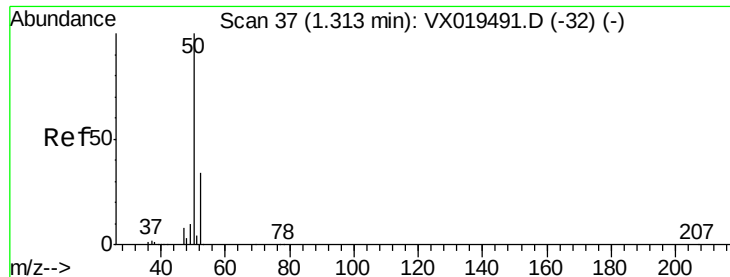
20000

10000

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Time-->





#3

Chloromethane

Concen: 16.412 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019671.D

Acq: 30 Nov 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBS01

Tot Ion: 50 Resp: 54885

Ion Ratio Lower Upper

50 100

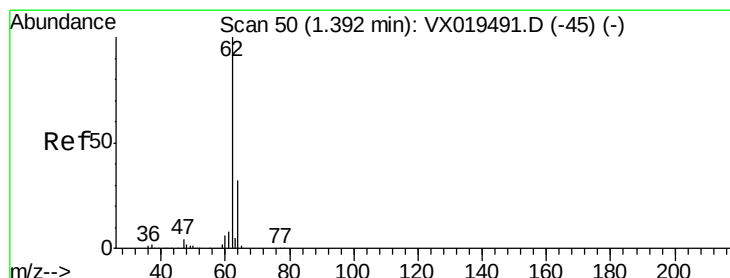
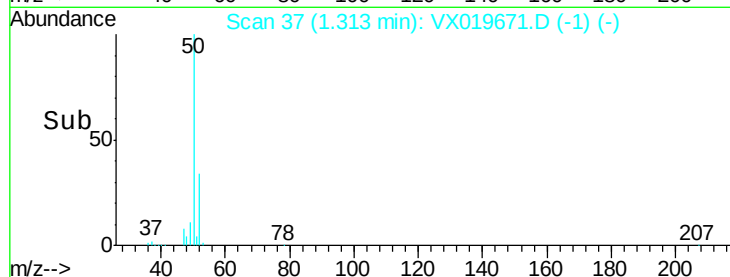
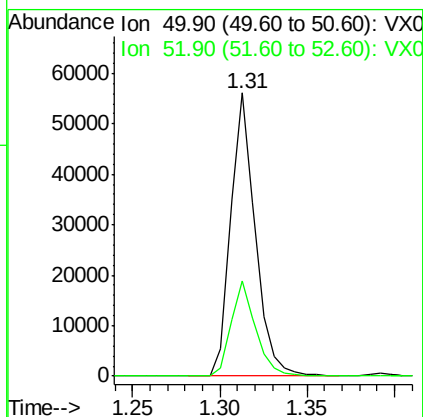
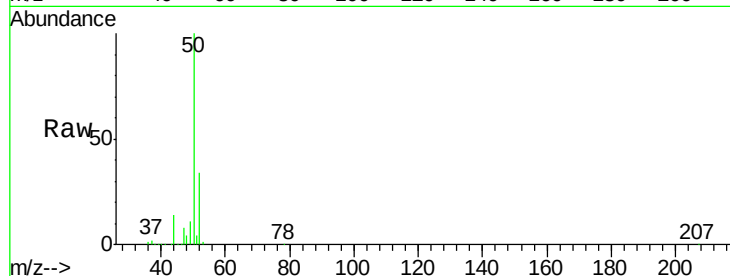
52 33.7 27.0 40.6

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#4

Vinyl Chloride

Concen: 17.088 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019671.D

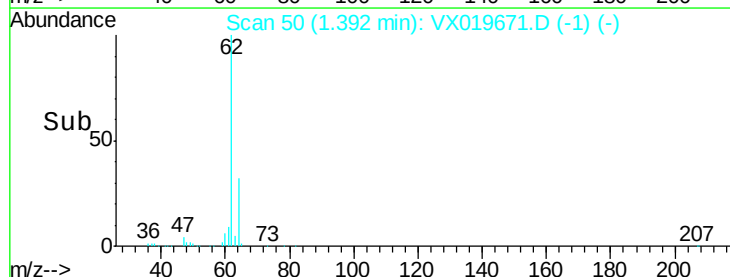
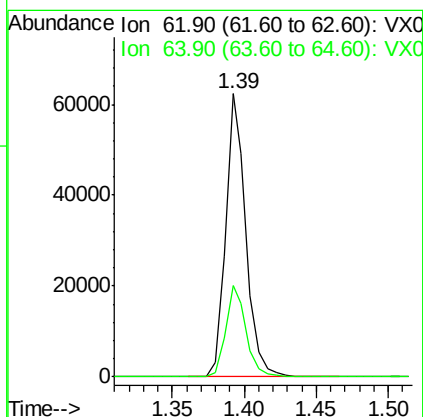
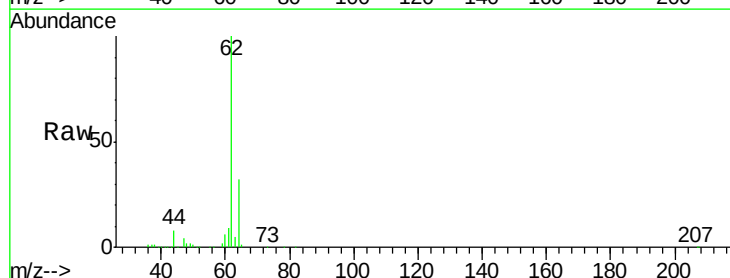
Acq: 30 Nov 2020 11:36

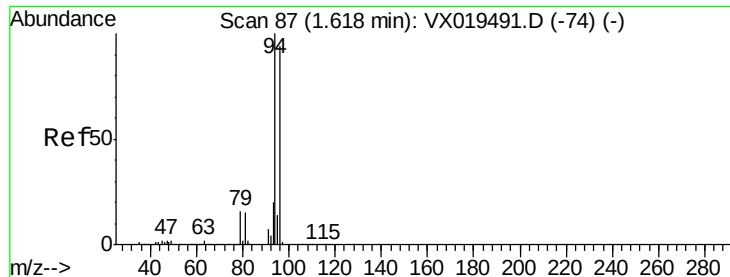
Tgt Ion: 62 Resp: 61518

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.2





#5

Bromomethane

Concen: 16.214 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019671.D

Acq: 30 Nov 2020 11:36

Instrument :

MSVOA_X

ClientSampled :

VX1130WBS01

Tot Ion: 94 Resp: 22109

Ion Ratio Lower Upper

94 100

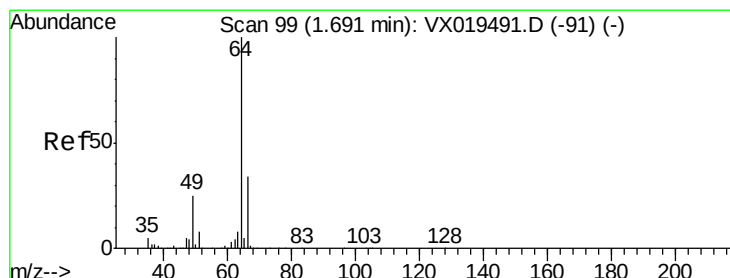
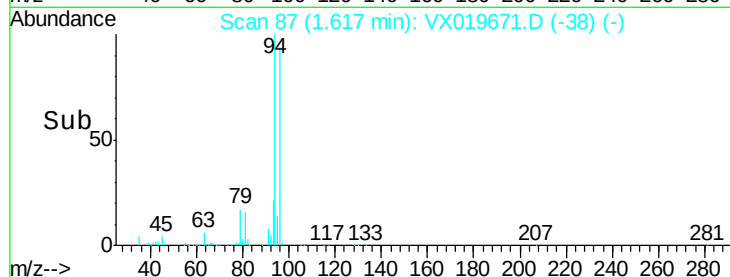
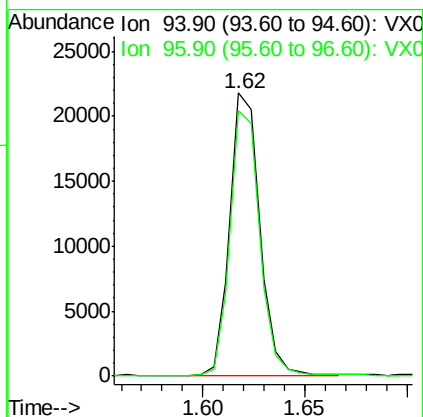
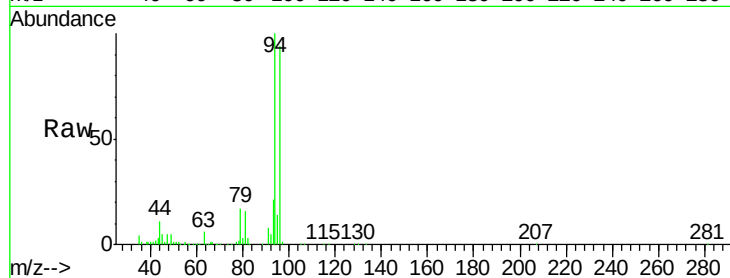
96 93.8 75.6 113.4

Manual Integrations

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#6

Chloroethane

Concen: 43.771 ug/l

RT: 1.69 min Scan# 99

Delta R.T. 0.00 min

Lab File: VX019671.D

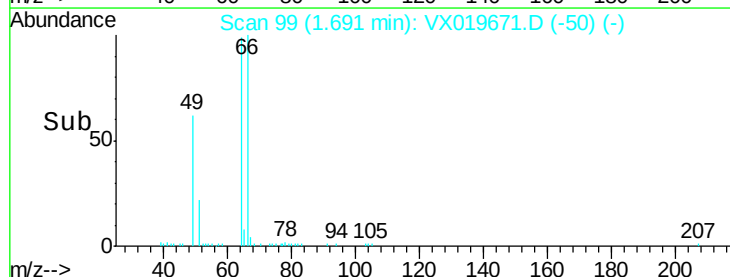
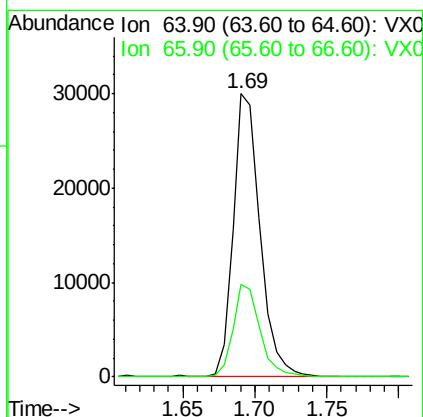
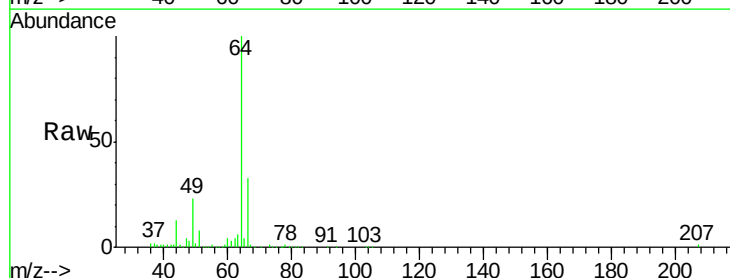
Acq: 30 Nov 2020 11:36

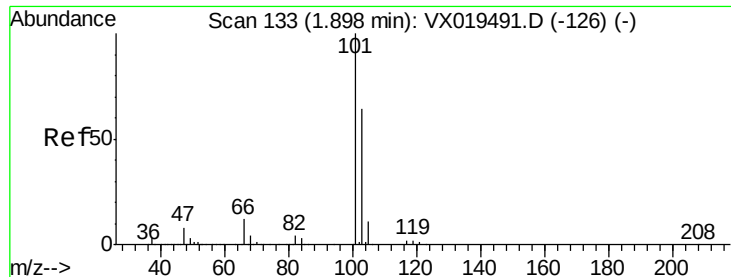
Tgt Ion: 64 Resp: 38850

Ion Ratio Lower Upper

64 100

66 32.8 27.1 40.7





#7

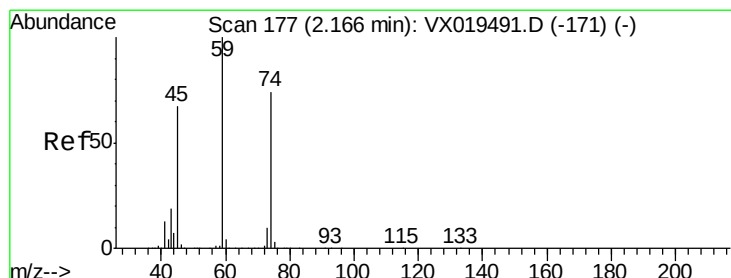
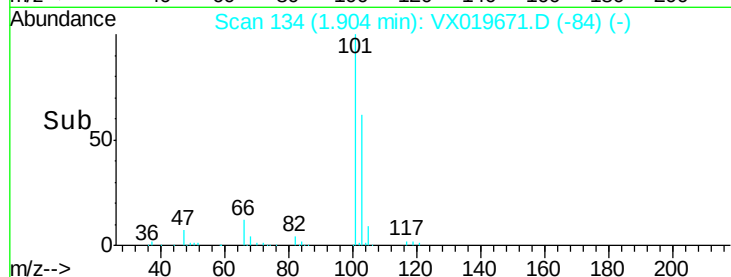
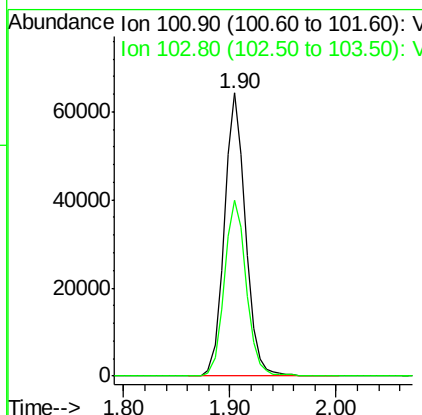
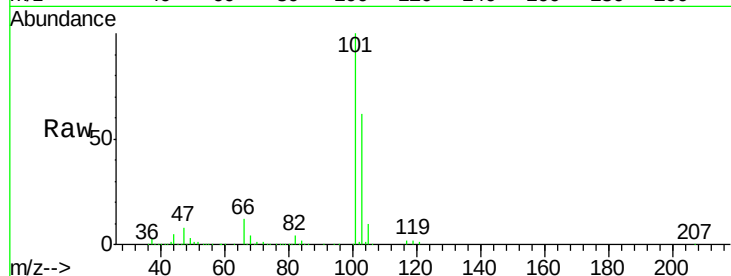
Trichlorofluoromethane
 Concen: 17.236 ug/l
 RT: 1.90 min Scan# 134
 Delta R.T. 0.01 min
 Lab File: VX019671.D
 Acq: 30 Nov 2020 11:36

Instrument :
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 ClientSampleId :
 VX1130WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.3	50.9	76.3

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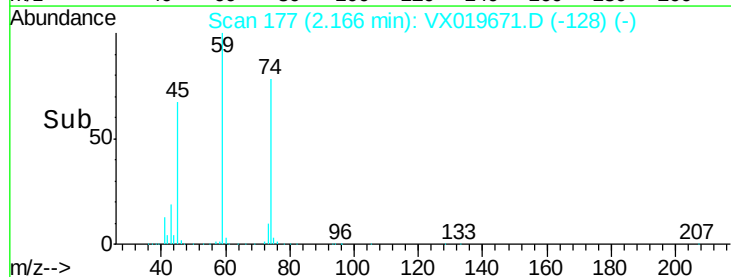
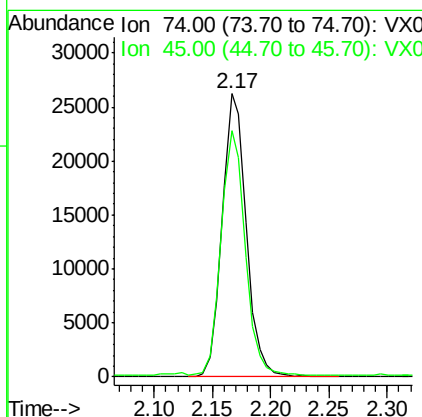
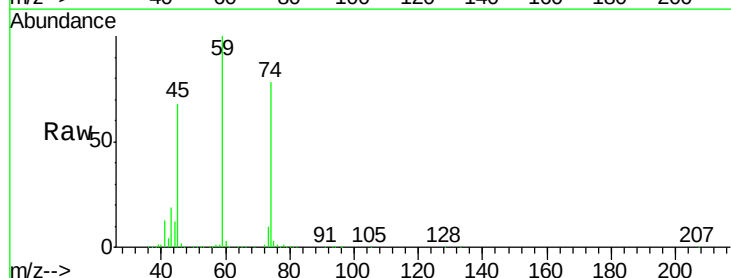
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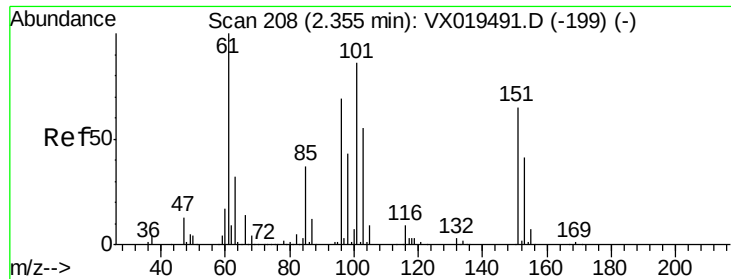


#8

Diethyl Ether
 Concen: 18.056 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX019671.D
 Acq: 30 Nov 2020 11:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	86.1	44.4	133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.036 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019671.D

Acq: 30 Nov 2020 11:36

Instrument :

MSVOA_X

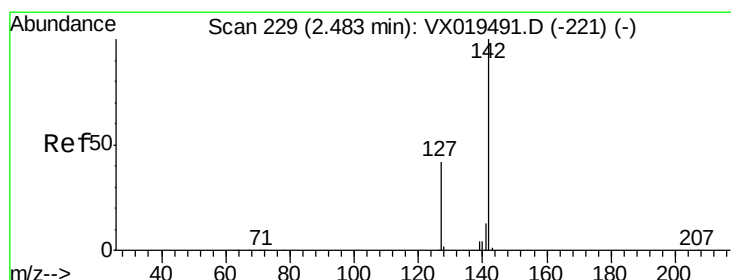
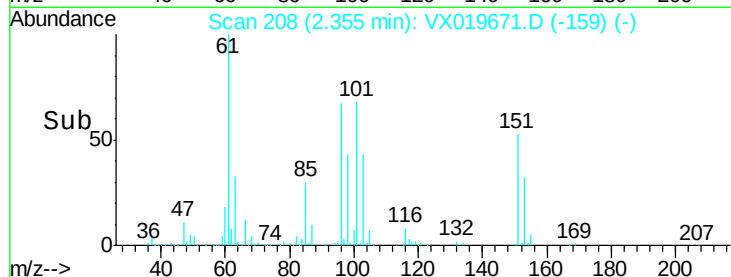
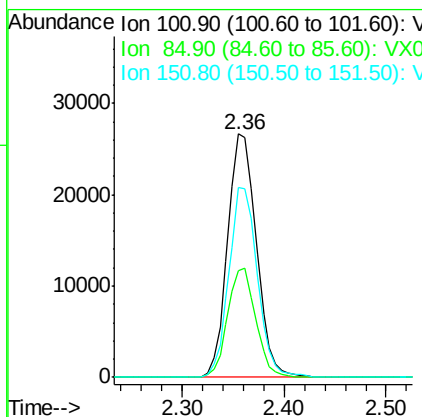
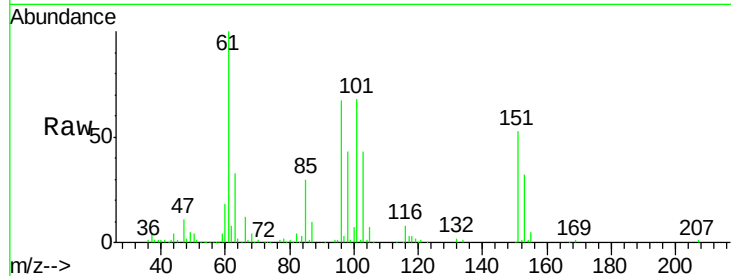
ClientSampleId :

VX1130WBS01

Tot Ion:	101	Resp:	52282
Ion Ratio	Lower	Upper	
101	100		
85	43.6	33.9	50.9
151	76.7	60.9	91.3

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#10

Methyl Iodide

Concen: 17.746 ug/l

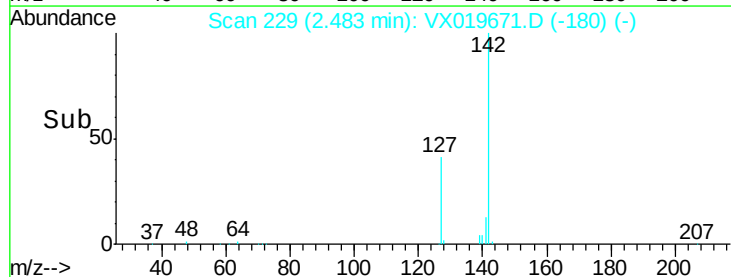
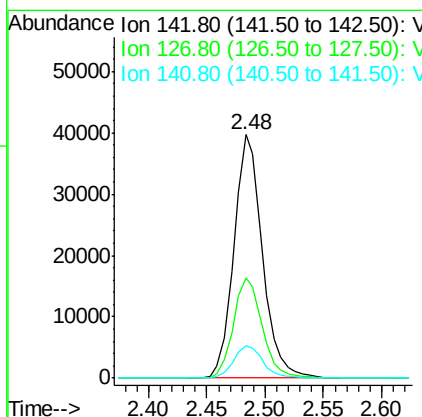
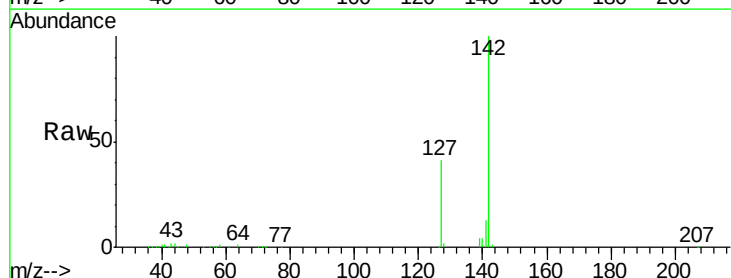
RT: 2.48 min Scan# 229

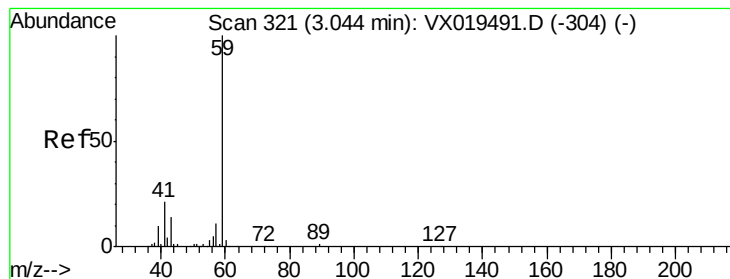
Delta R.T. -0.00 min

Lab File: VX019671.D

Acq: 30 Nov 2020 11:36

Tgt Ion:	142	Resp:	67580
Ion Ratio	Lower	Upper	
142	100		
127	41.8	33.8	50.6
141	13.6	11.0	16.6





#11

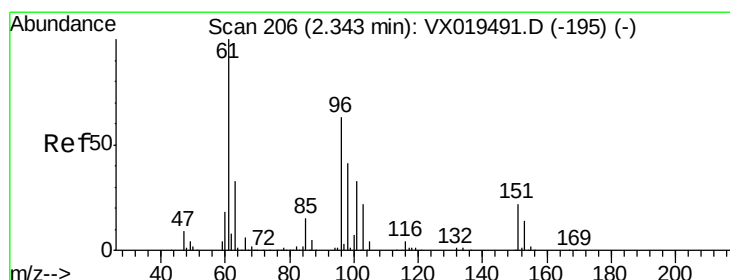
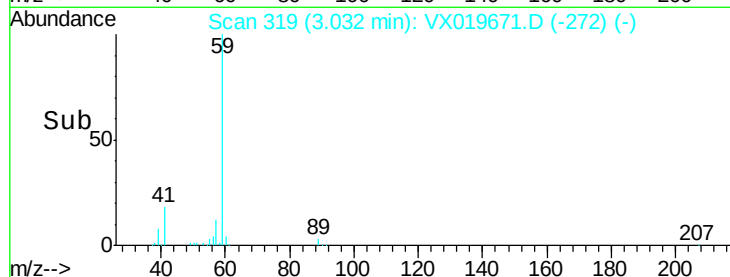
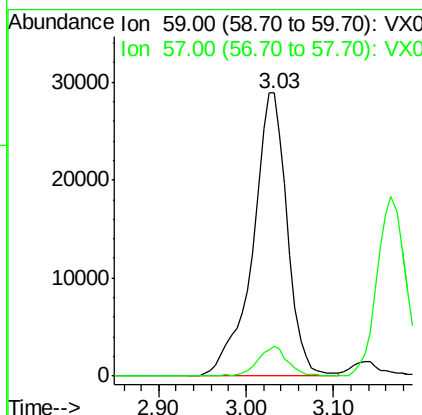
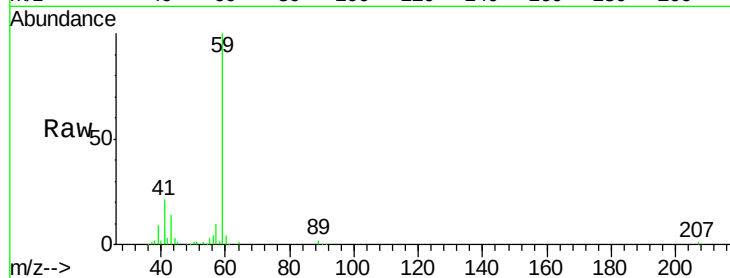
Tert butyl alcohol
 Concen: 108.171 ug/l
 RT: 3.03 min Scan# 319
 Delta R.T. -0.01 min
 Lab File: VX019671.D
 Acq: 30 Nov 2020 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.1	7.9	11.9

Manual Integrations
 APPROVED

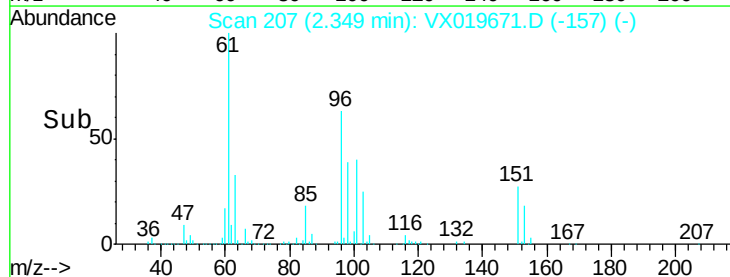
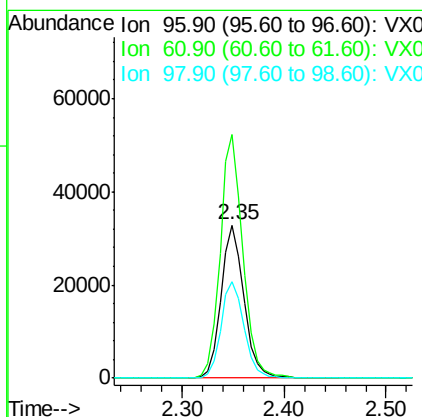
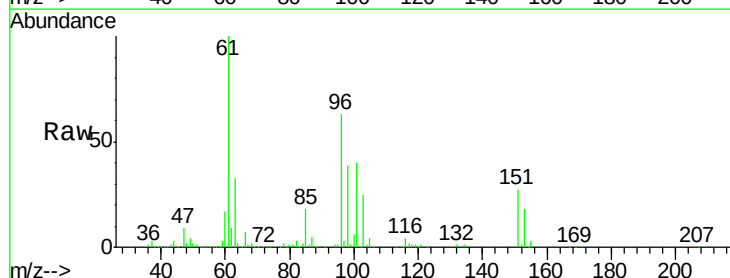
MMDadoda
 12/1/2020 9:35:54 AM

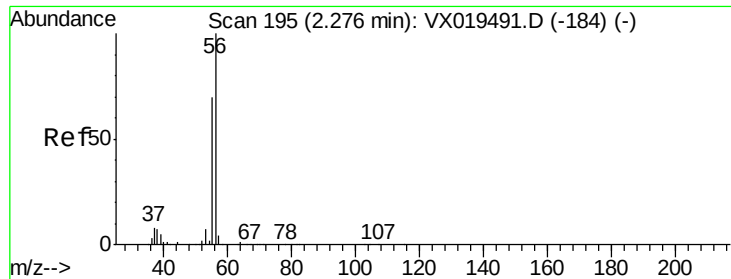


#12

1,1-Dichloroethene
 Concen: 17.260 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. 0.01 min
 Lab File: VX019671.D
 Acq: 30 Nov 2020 11:36

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.8	126.0	189.0
98	62.7	52.0	78.0





#13

Acrolein

Concen: 61.012 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX019671.D

Acq: 30 Nov 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBS01

Tot Ion: 56 Resp: 30159

Ion Ratio Lower Upper

56 100

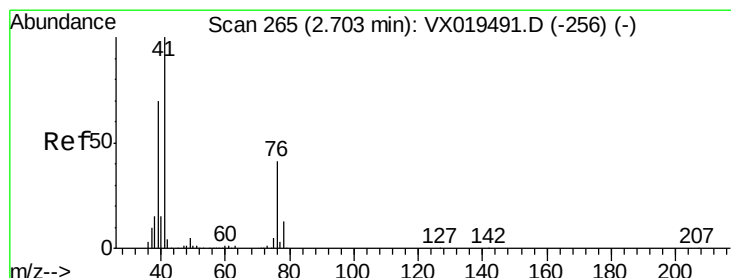
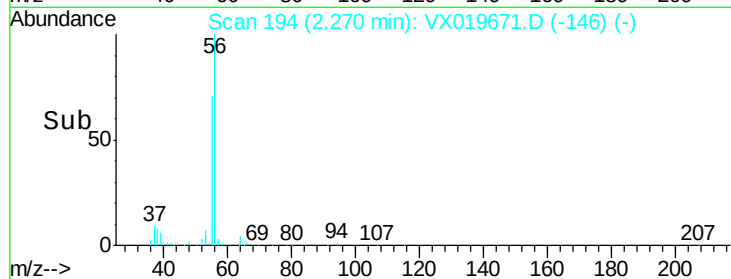
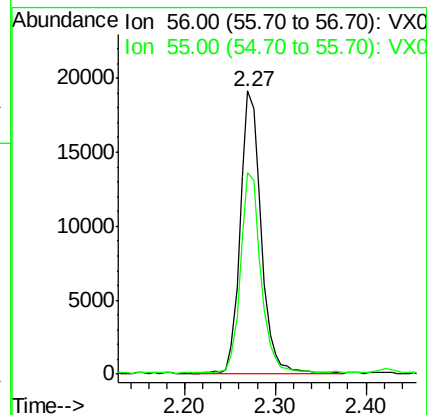
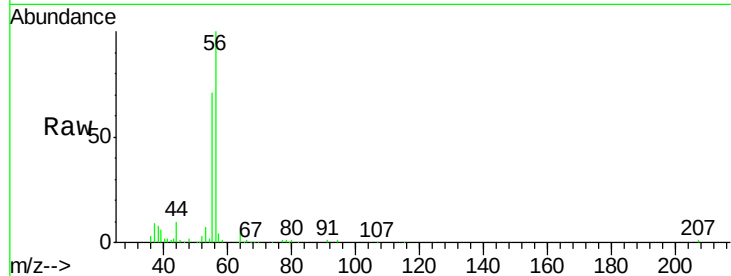
55 69.9 55.5 83.3

Manual Integrations

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#14

Allyl chloride

Concen: 18.025 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX019671.D

Acq: 30 Nov 2020 11:36

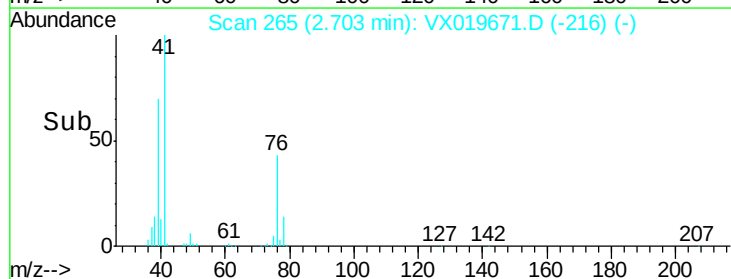
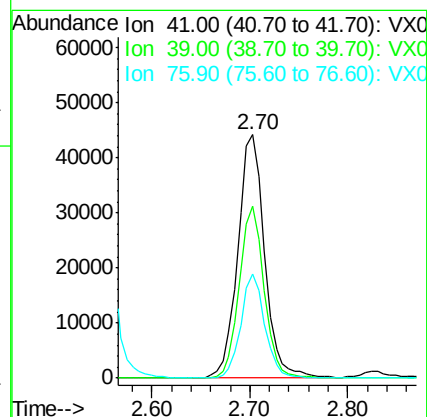
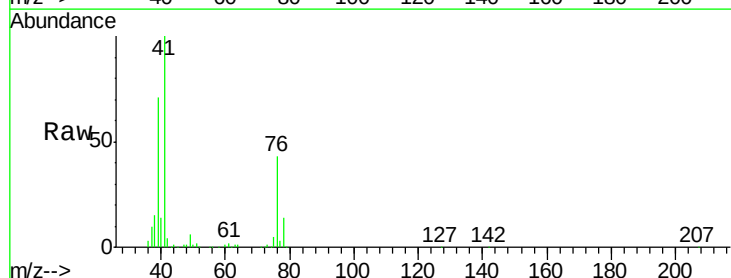
Tgt Ion: 41 Resp: 84015

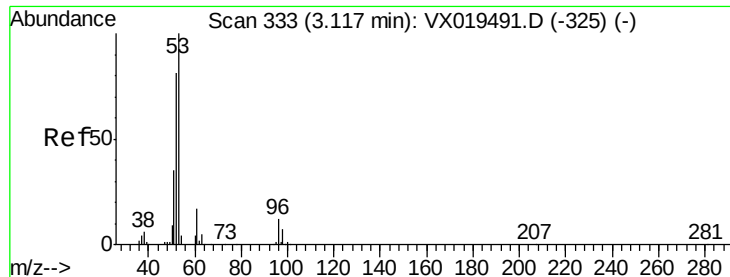
Ion Ratio Lower Upper

41 100

39 65.5 53.0 79.4

76 38.2 31.0 46.6





#15

Acrylonitrile

Concen: 94.257 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX019671.D

Acq: 30 Nov 2020 11:36

Instrument :

MSVOA_X

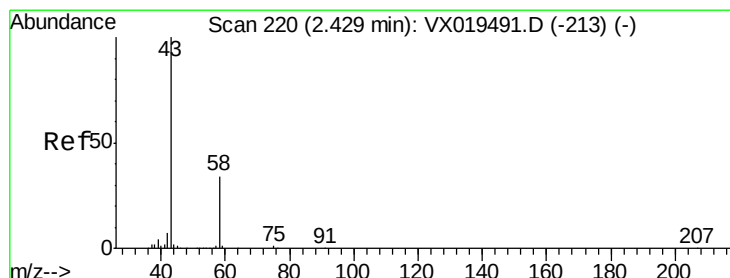
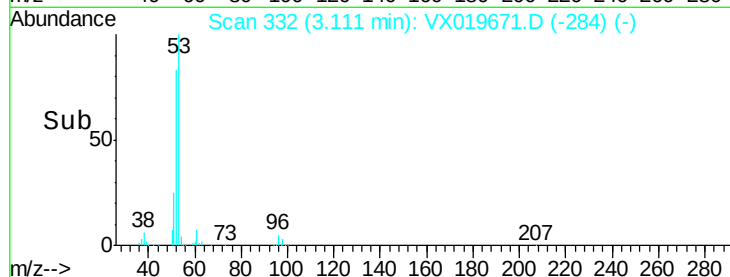
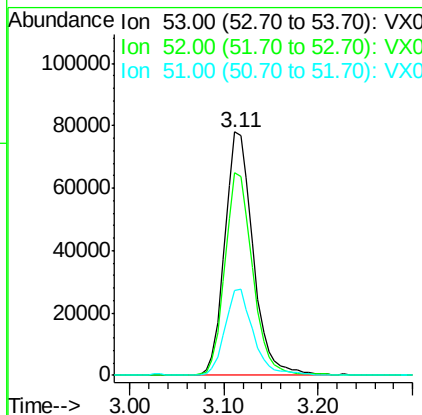
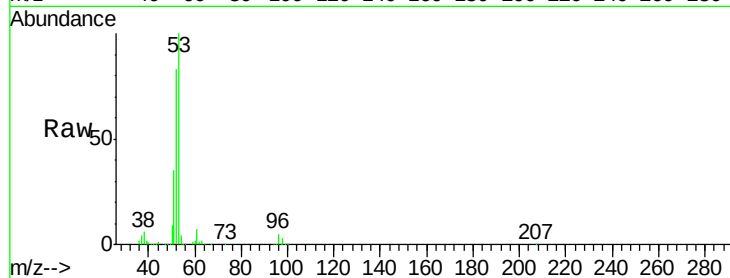
ClientSampleId :

VX1130WBS01

Tot Ion:	53	Resp:	163468
Ion Ratio		Lower	Upper
53	100		
52	82.0	66.2	99.2
51	35.1	28.5	42.7

Manual Integrations
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#16

Acetone

Concen: 97.438 ug/l

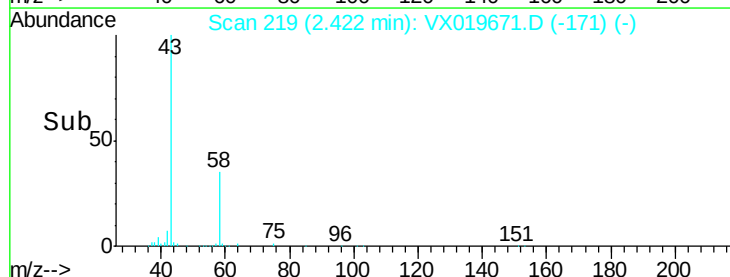
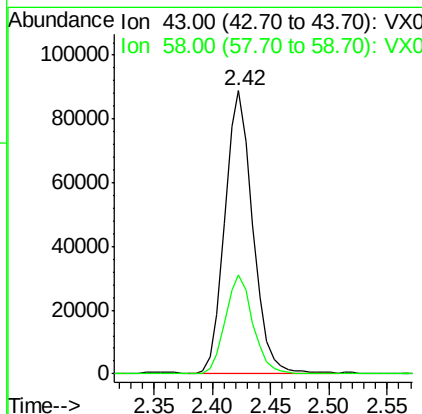
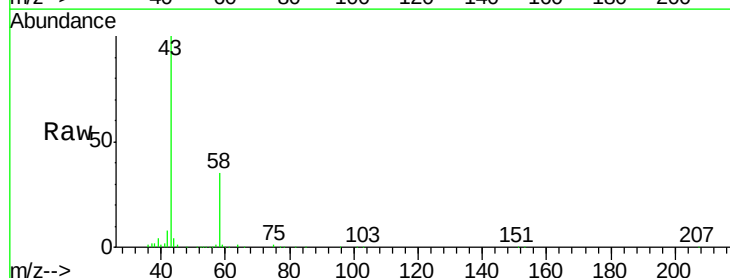
RT: 2.42 min Scan# 219

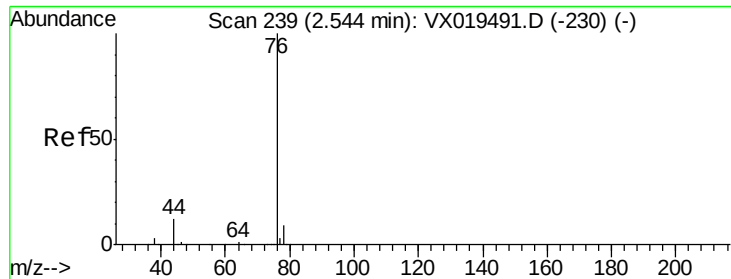
Delta R.T. -0.01 min

Lab File: VX019671.D

Acq: 30 Nov 2020 11:36

Tgt Ion:	43	Resp:	146418
Ion Ratio		Lower	Upper
43	100		
58	34.8	27.4	41.2





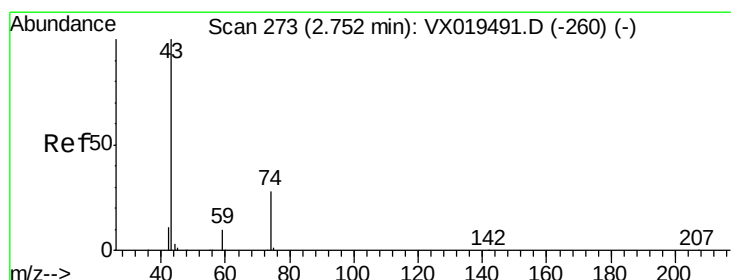
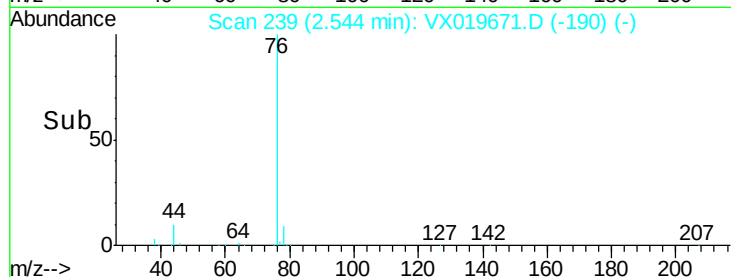
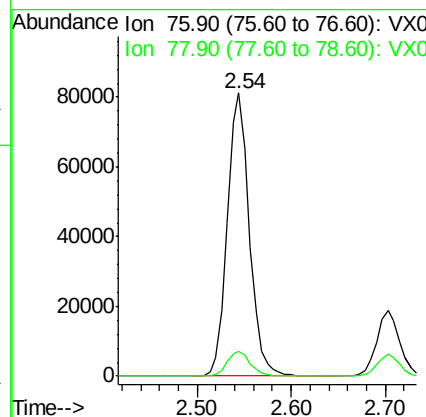
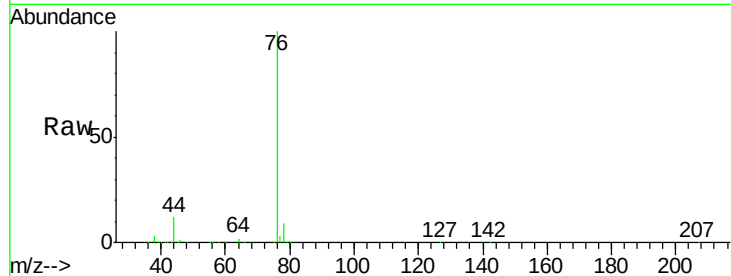
#17
Carbon Disulfide
Concen: 16.464 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.00 min
Lab File: VX019671.D
Acq: 30 Nov 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.2	10.8

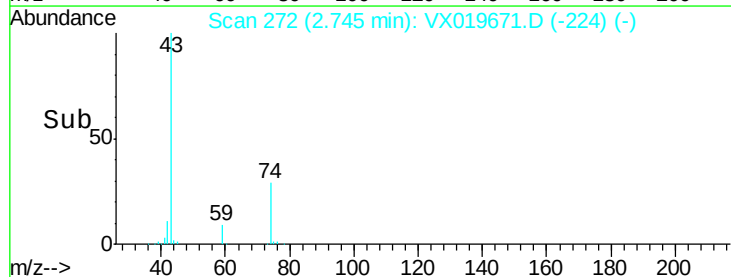
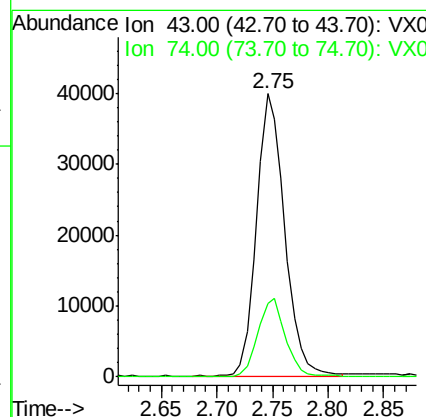
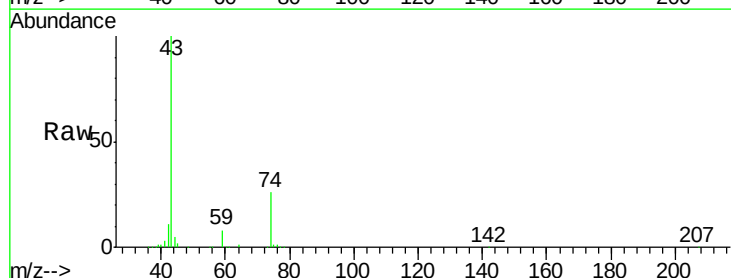
Manual Integrations
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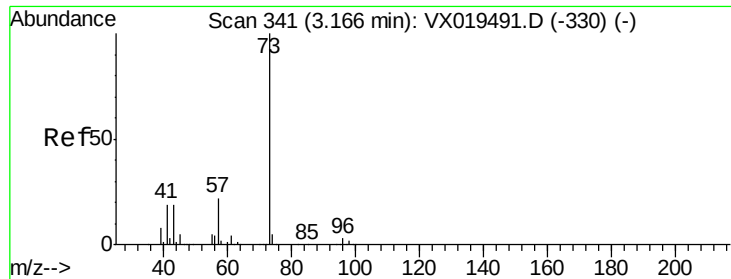
MMDadoda
12/1/2020 9:35:54 AM



#18
Methyl Acetate
Concen: 19.471 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX019671.D
Acq: 30 Nov 2020 11:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.1	22.2	33.4





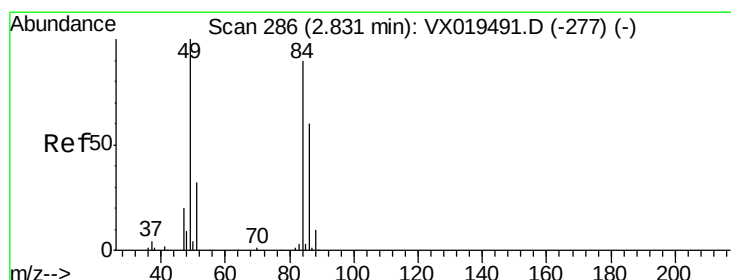
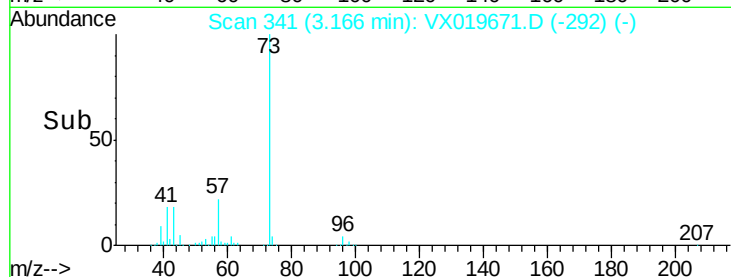
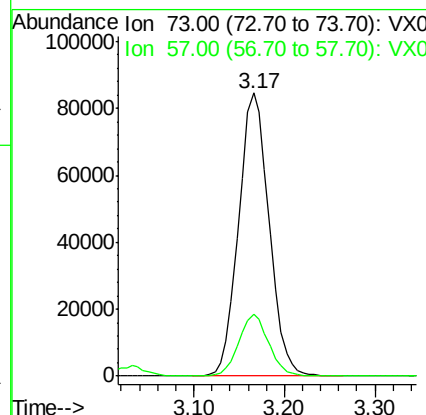
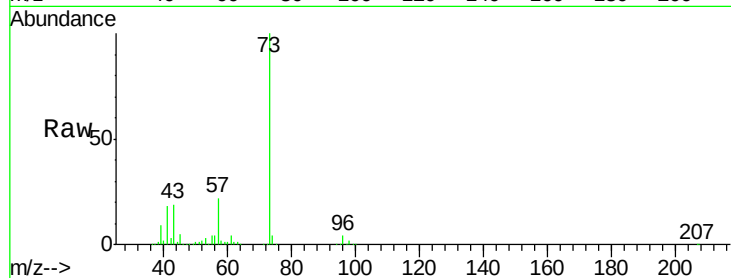
#19
Methyl tert-butyl Ether
Concen: 19.252 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019671.D
Acq: 30 Nov 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.7	17.3	25.9

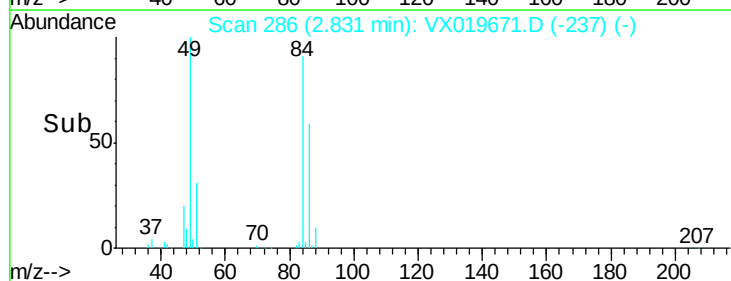
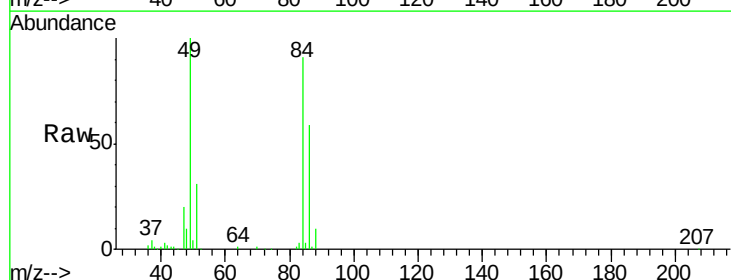
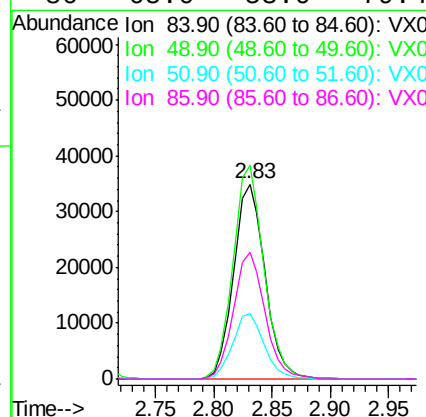
Manual Integrations
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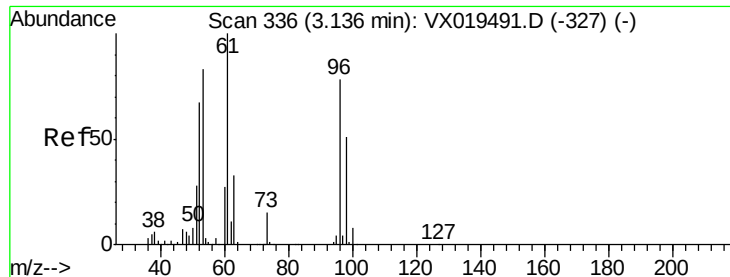
MMDadoda
12/1/2020 9:35:54 AM



#20
Methylene Chloride
Concen: 17.513 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019671.D
Acq: 30 Nov 2020 11:36

Tgt Ion	Ratio	Lower	Upper
84	100		
49	109.6	88.5	132.7
51	33.6	28.0	42.0
86	65.0	53.0	79.4





#21

trans-1,2-Dichloroethene

Concen: 17.991 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019671.D

Acq: 30 Nov 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBS01

Tot Ion: 96 Resp: 60648

Ion Ratio Lower Upper

96 100

61 134.2 102.9 154.3

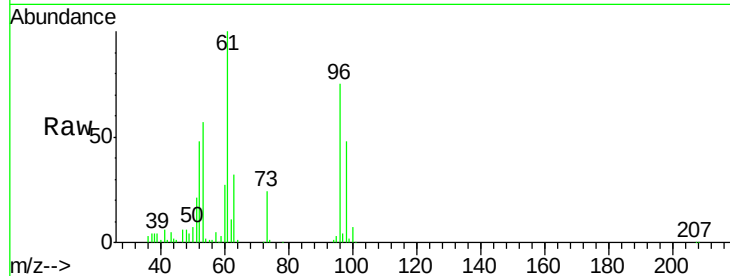
98 64.3 52.1 78.1

Manual Integrations

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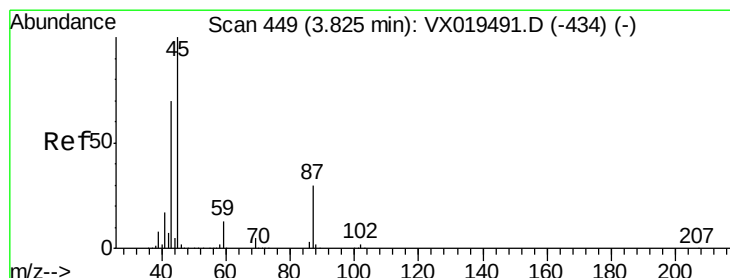
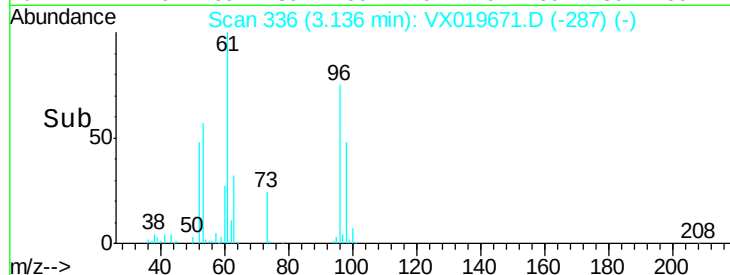
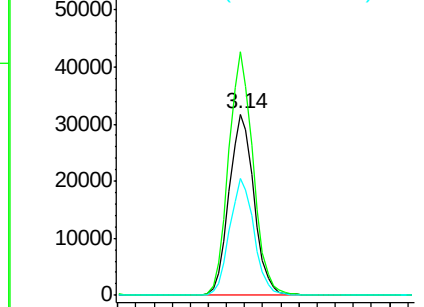


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.850 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX019671.D

Acq: 30 Nov 2020 11:36

Tgt Ion: 45 Resp: 181754

Ion Ratio Lower Upper

45 100

43 77.3 56.1 84.1

87 30.2 24.2 36.2

59 12.7 10.2 15.2

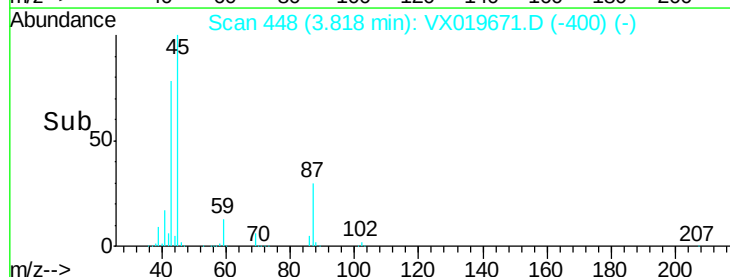
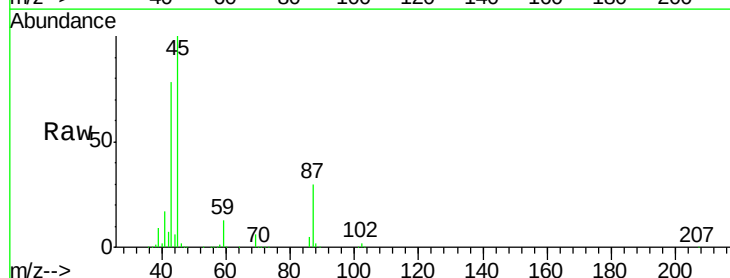
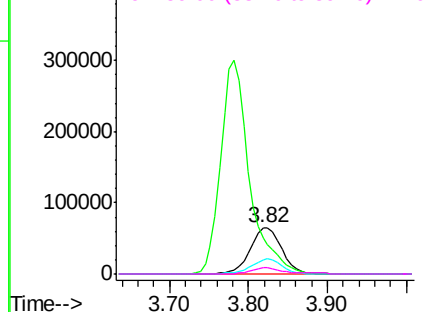
Abundance

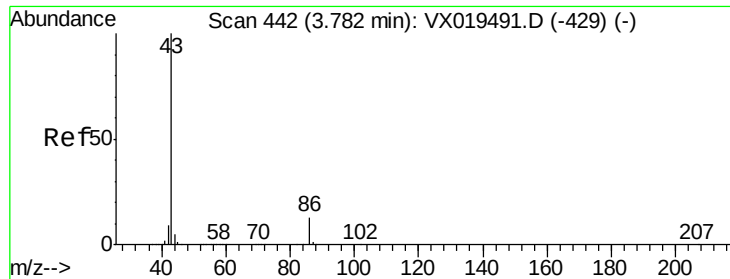
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 95.016 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019671.D

Acq: 30 Nov 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBS01

Tot Ion: 43 Resp: 768464

Ion Ratio Lower Upper

43 100

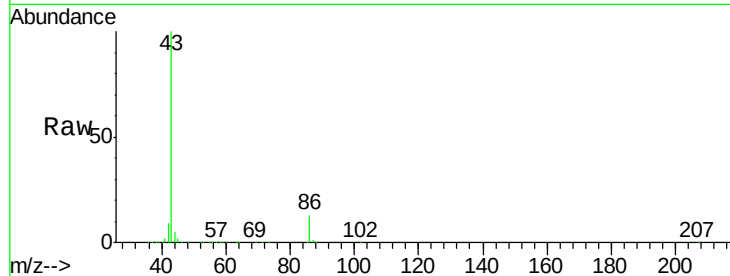
86 12.8 10.2 15.2

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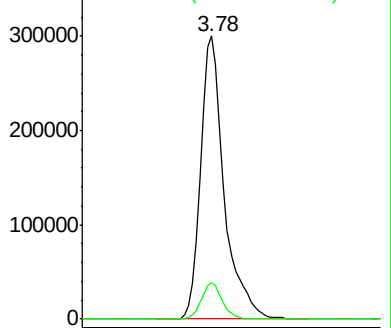
MMDadoda

12/1/2020 9:35:54 AM

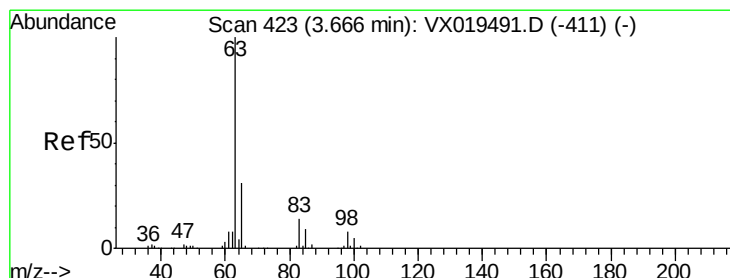
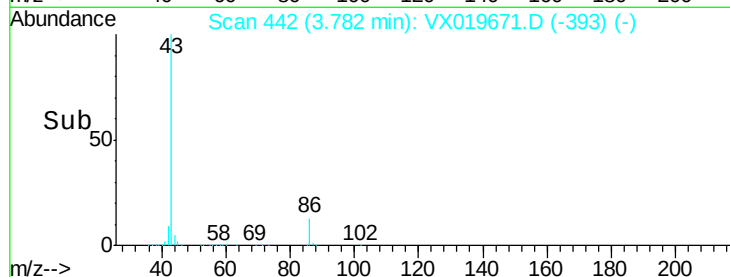


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 18.478 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019671.D

Acq: 30 Nov 2020 11:36

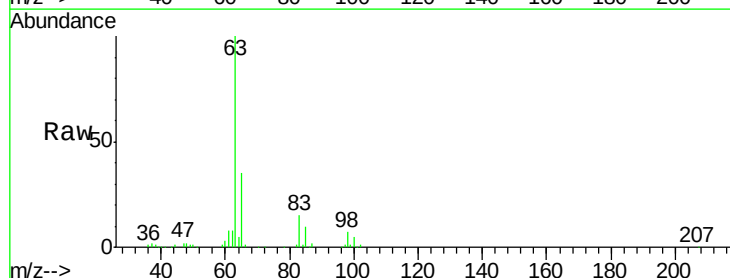
Tgt Ion: 63 Resp: 108976

Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.7

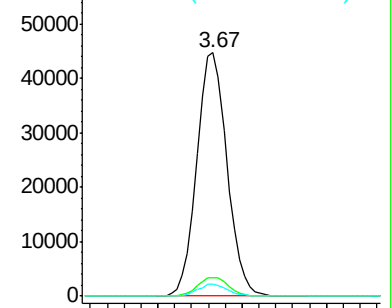
100 4.8 2.4 7.1



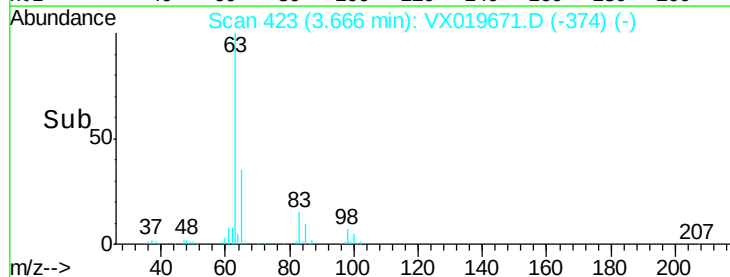
Abundance Ion 62.90 (62.60 to 63.60): VX0

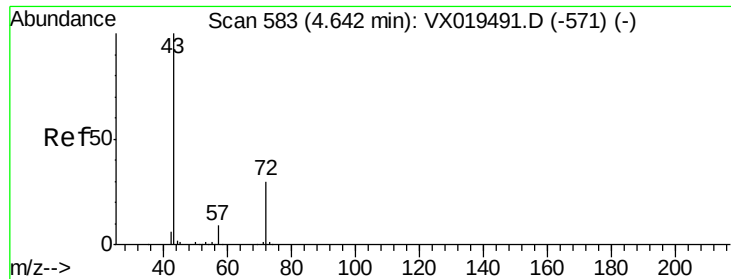
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 93.960 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX019671.D

Acq: 30 Nov 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBS01

Tot Ion: 43 Resp: 212097

Ion Ratio Lower Upper

43 100

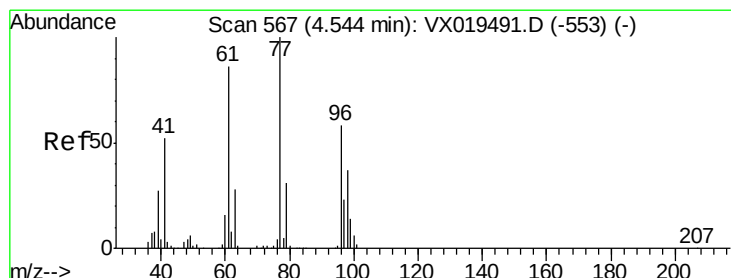
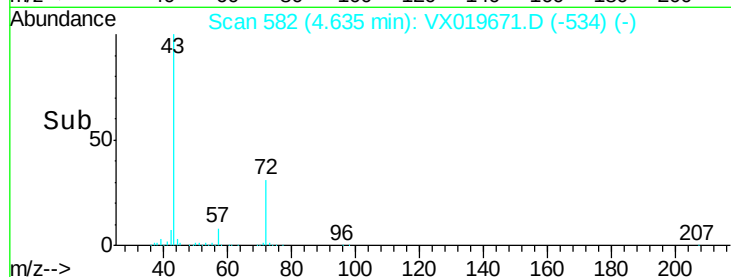
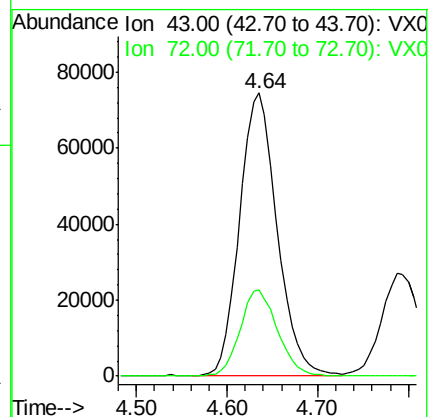
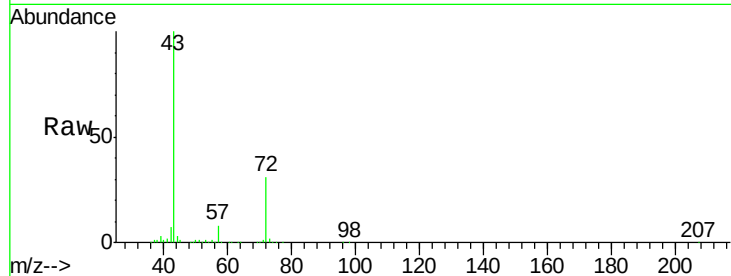
72 30.5 24.0 36.0

Manual Integrations

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MMDadoda

12/1/2020 9:35:54 AM



#26

2,2-Dichloropropane

Concen: 18.493 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.00 min

Lab File: VX019671.D

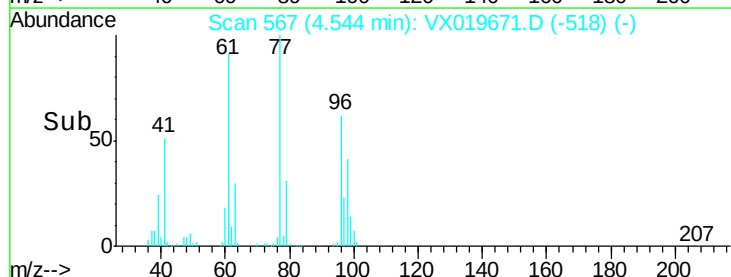
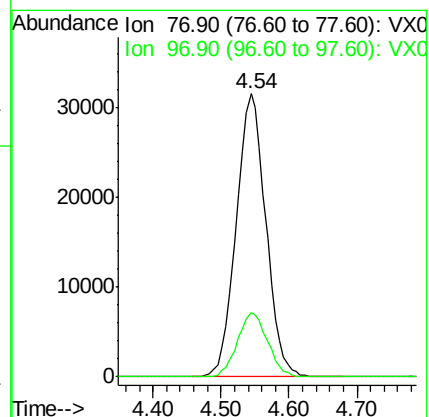
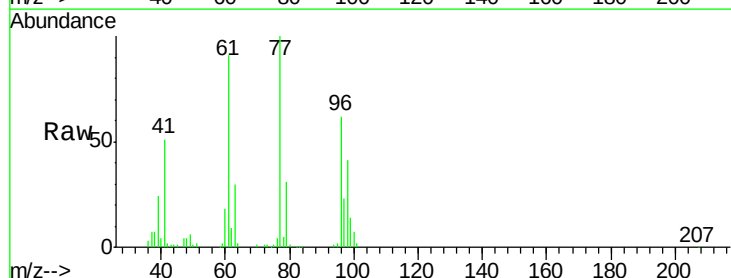
Acq: 30 Nov 2020 11:36

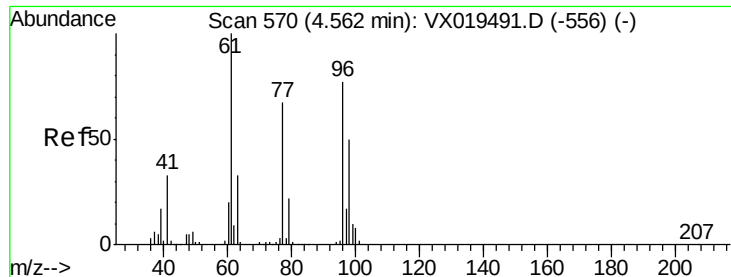
Tgt Ion: 77 Resp: 95199

Ion Ratio Lower Upper

77 100

97 23.2 11.6 34.8





#27

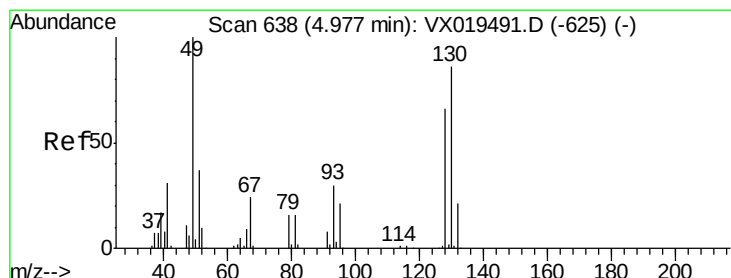
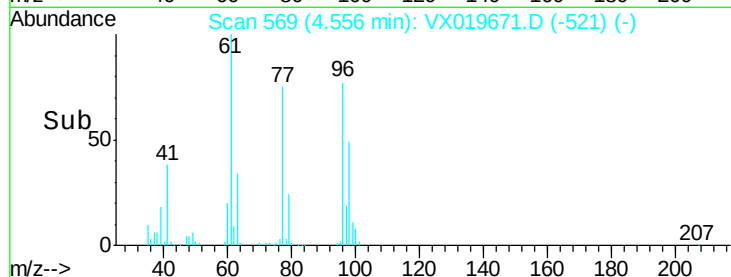
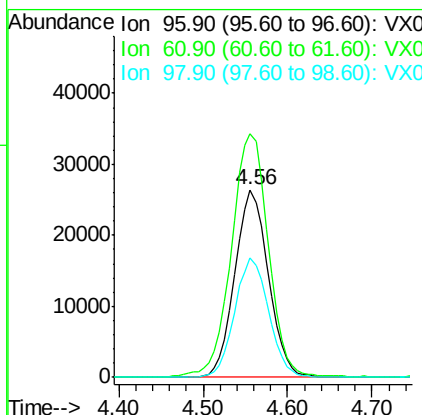
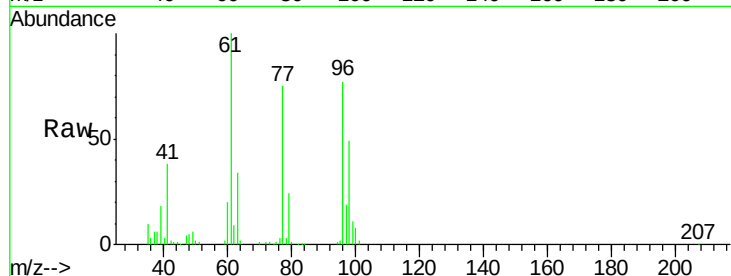
cis-1,2-Dichloroethene
Concen: 18.388 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX019671.D
Acq: 30 Nov 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.0	0.0	279.2
98	64.5	0.0	129.8

Manual Integrations
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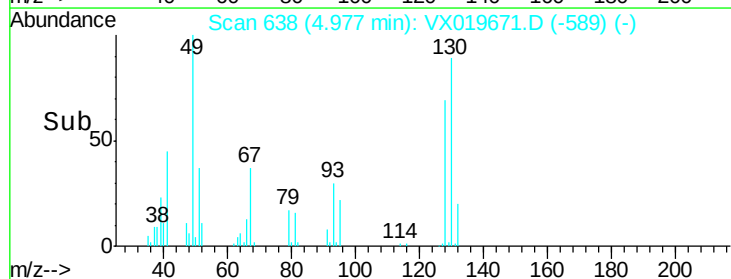
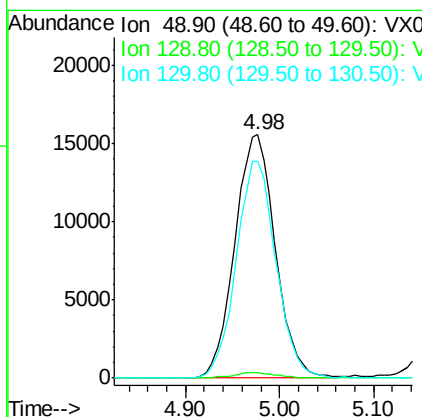
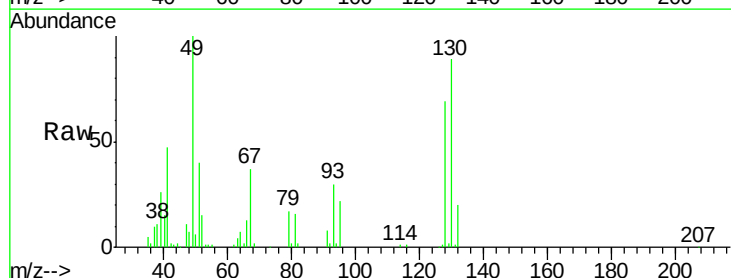
MMDadoda
12/1/2020 9:35:54 AM

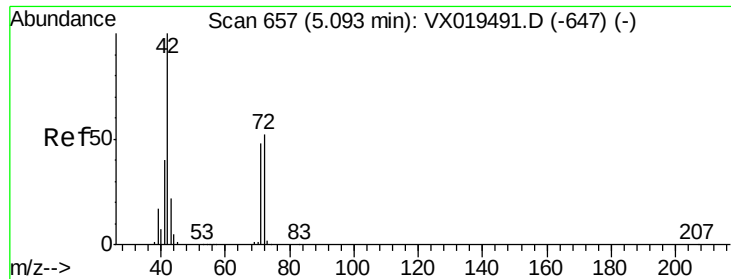


#28

Bromochloromethane
Concen: 16.596 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.00 min
Lab File: VX019671.D
Acq: 30 Nov 2020 11:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	87.5	69.0	103.6





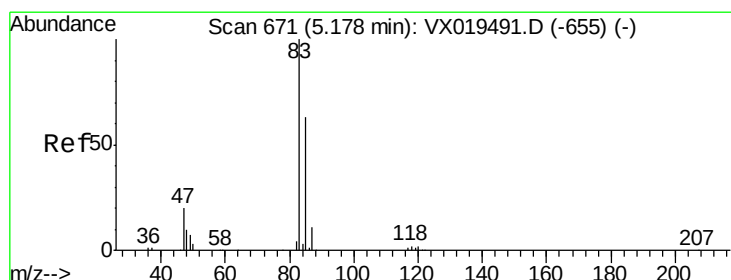
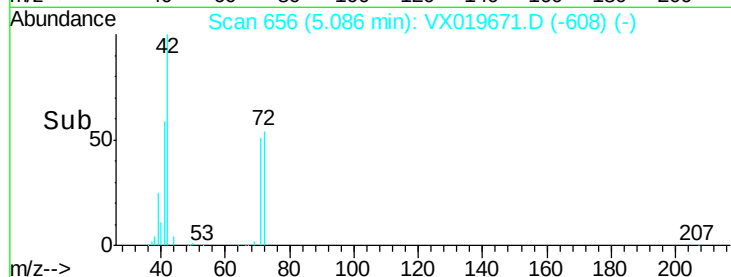
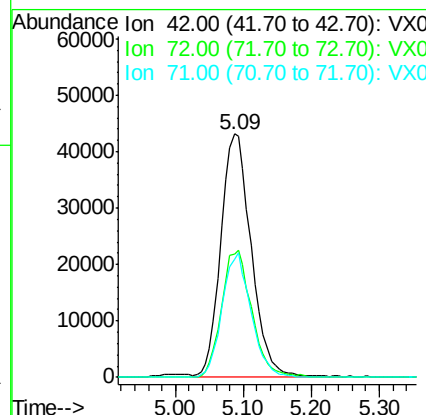
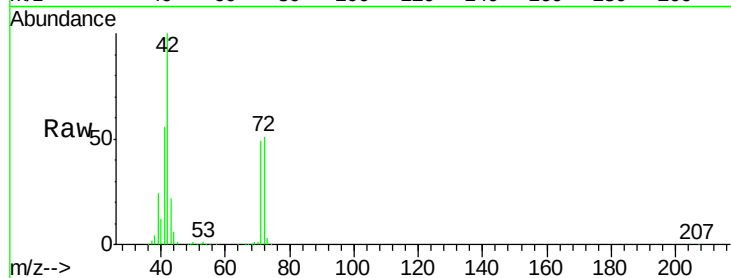
#29
Tetrahydrofuran
Concen: 92.426 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX019671.D
Acq: 30 Nov 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	52.5	42.6	63.8
71	49.0	39.0	58.6

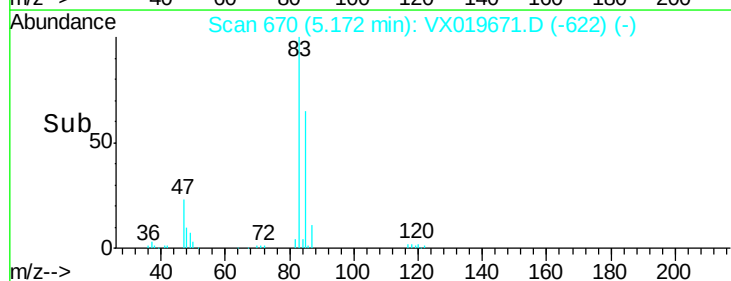
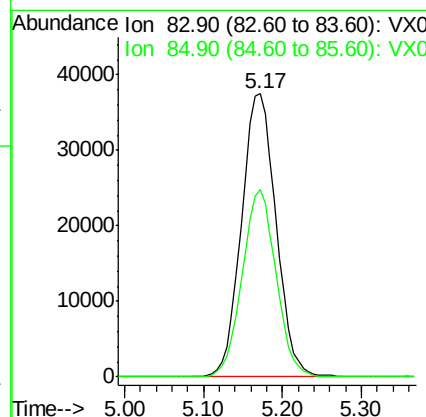
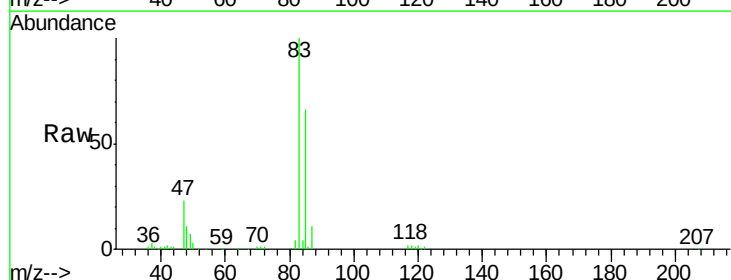
Manual Integrations
APPROVED

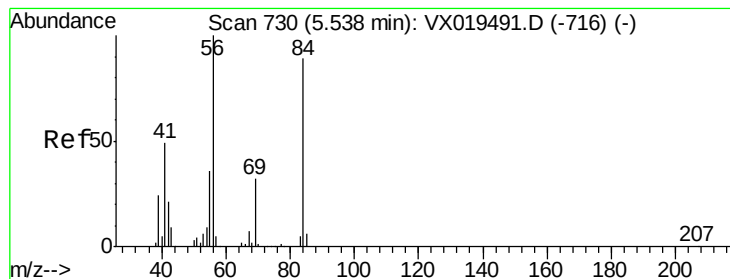
MMDadoda
12/1/2020 9:35:54 AM



#30
Chloroform
Concen: 18.540 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX019671.D
Acq: 30 Nov 2020 11:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	50.5	75.7





#31

Cyclohexane

Concen: 17.762 ug/l

RT: 5.54 min Scan# 730

Delta R.T. -0.00 min

Lab File: VX019671.D

Acq: 30 Nov 2020 11:36

Instrument :

MSVOA_X

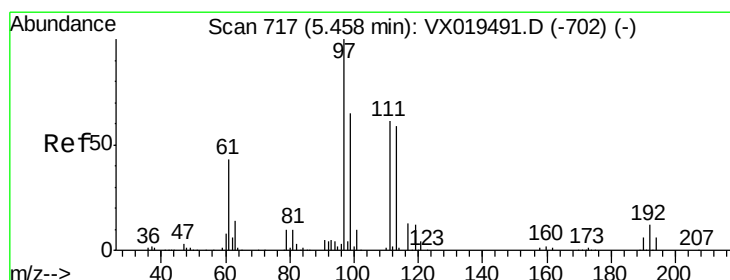
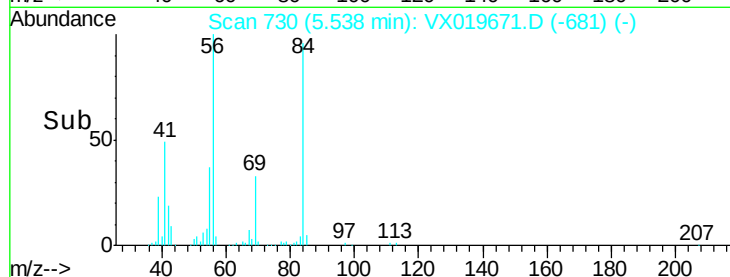
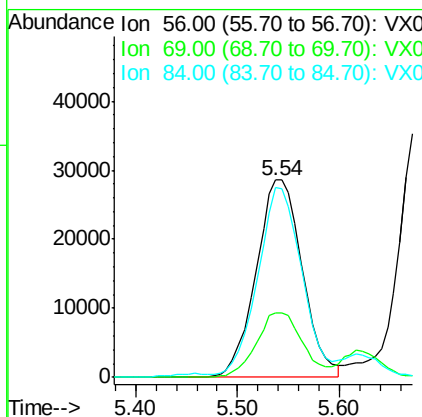
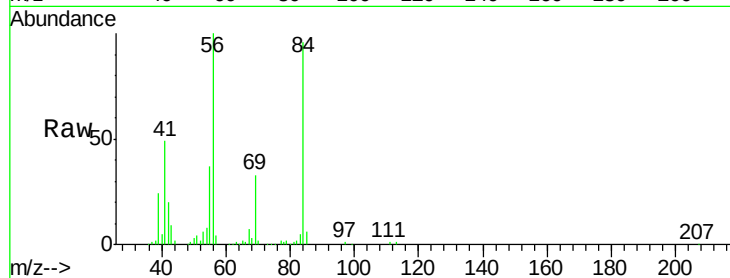
ClientSampleId :

VX1130WBS01

Tot Ion:	56	Resp:	89767
Ion	Ratio	Lower	Upper
56	100		
69	32.6	25.5	38.3
84	94.5	71.1	106.7

Manual Integrations
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12/1/2020 9:35:54 AM



#32

1,1,1-Trichloroethane

Concen: 18.392 ug/l

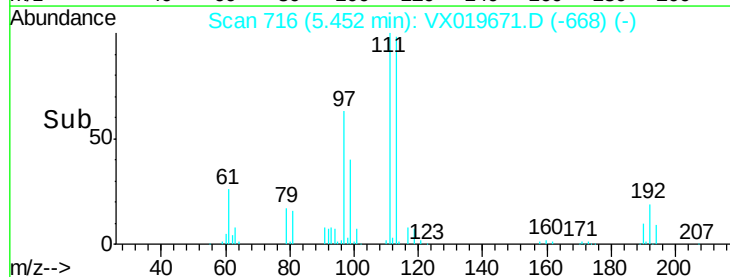
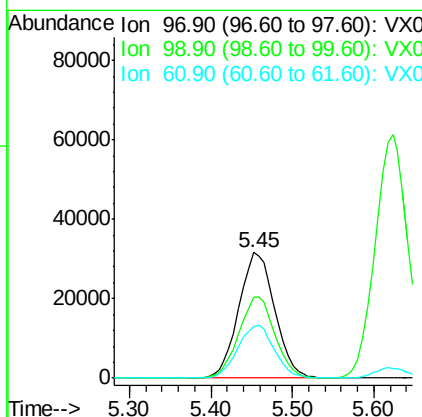
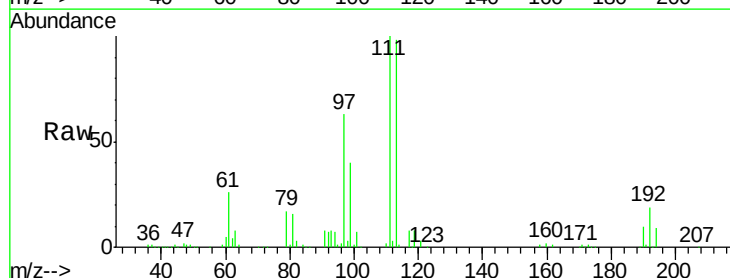
RT: 5.45 min Scan# 716

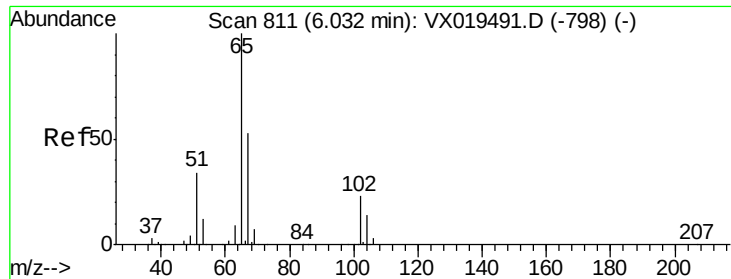
Delta R.T. -0.01 min

Lab File: VX019671.D

Acq: 30 Nov 2020 11:36

Tgt Ion:	97	Resp:	97427
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.4	77.0
61	42.6	34.2	51.2





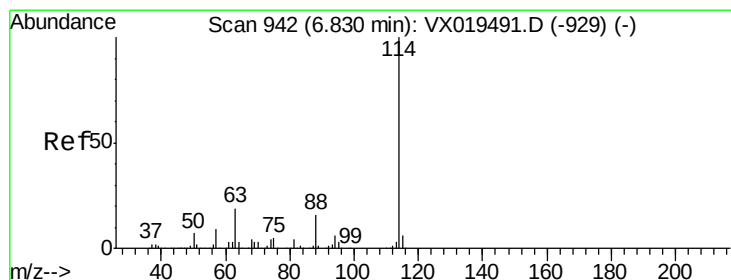
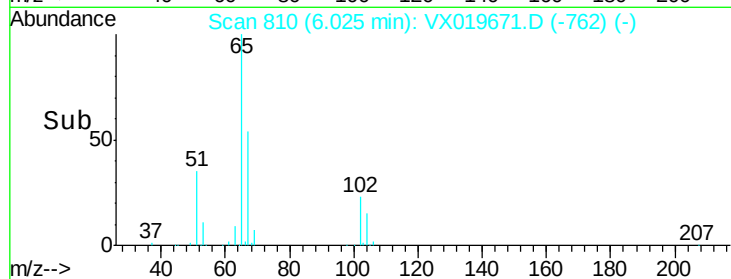
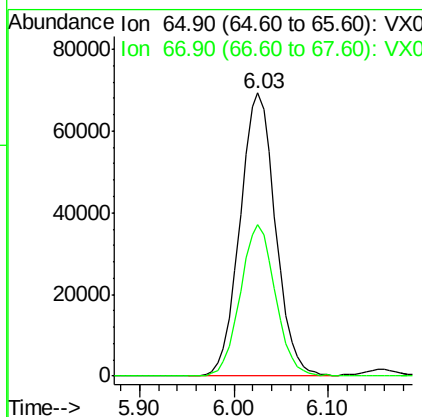
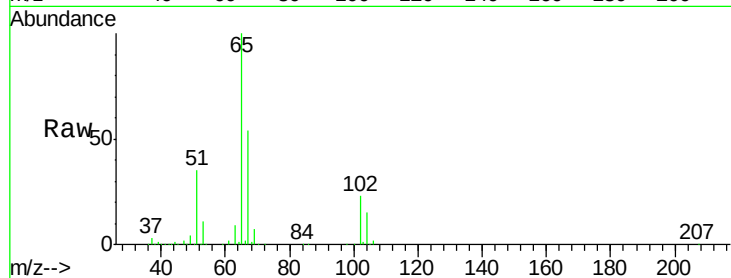
#33
 1,2-Dichloroethane-d4
 Concen: 47.042 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX019671.D
 Acq: 30 Nov 2020 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	182793		
67	53.0	0.0	105.0	

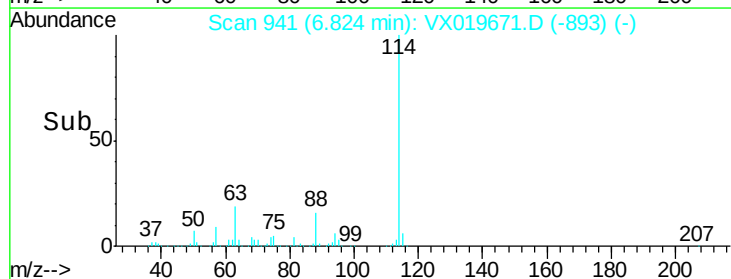
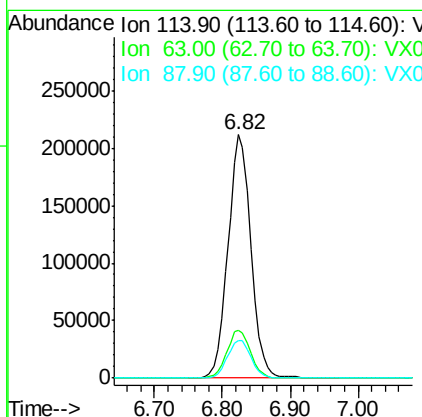
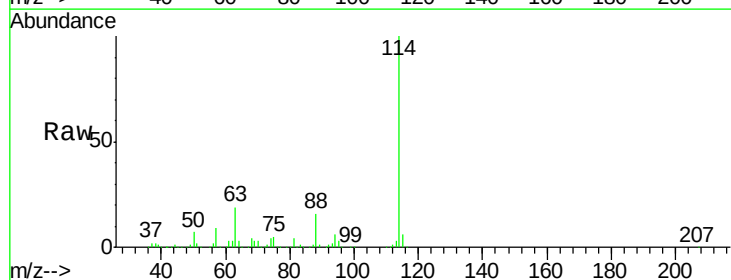
Manual Integrations
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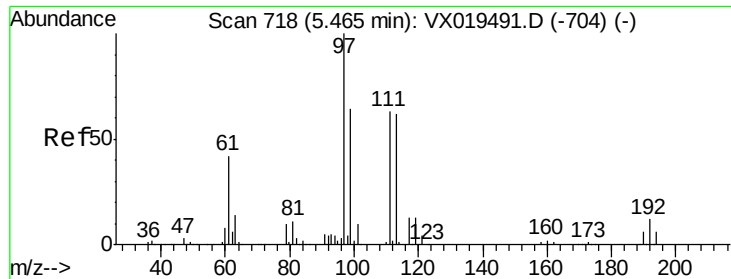
MMDadoda
 12/1/2020 9:35:54 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX019671.D
 Acq: 30 Nov 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	493270		
63	19.5	0.0	38.8	
88	15.6	0.0	31.6	





#35

Dibromofluoromethane

Concen: 48.441 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019671.D

Acq: 30 Nov 2020 11:36

Instrument :

MSVOA_X

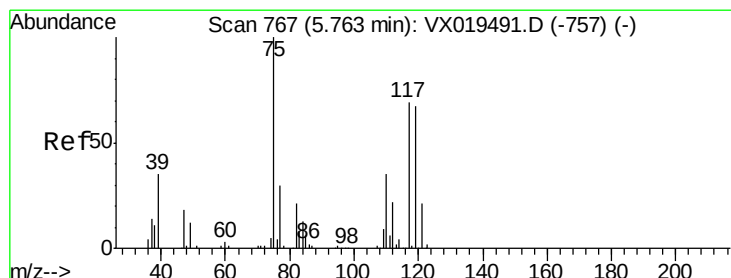
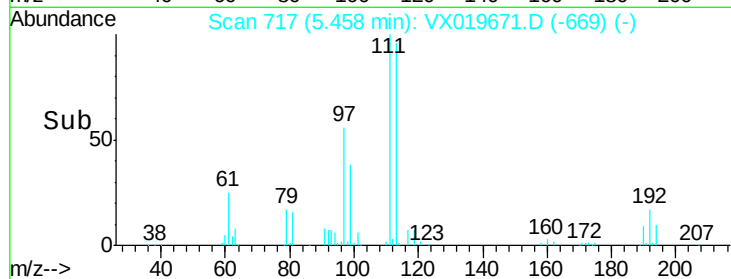
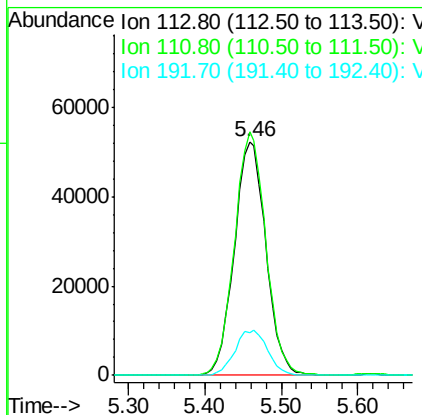
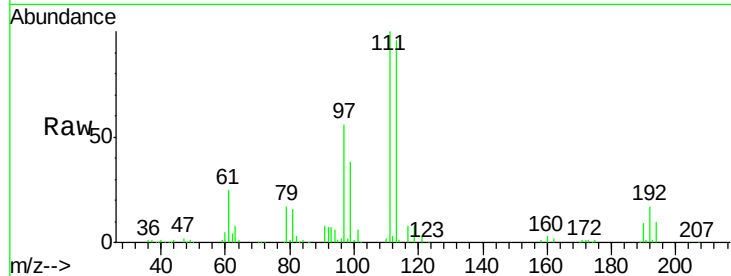
ClientSampleId :

VX1130WBS01

Tot Ion:	113	Resp:	149985
Ion Ratio	Lower	Upper	
113	100		
111	103.3	81.5	122.3
192	20.0	16.2	24.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 17.580 ug/l

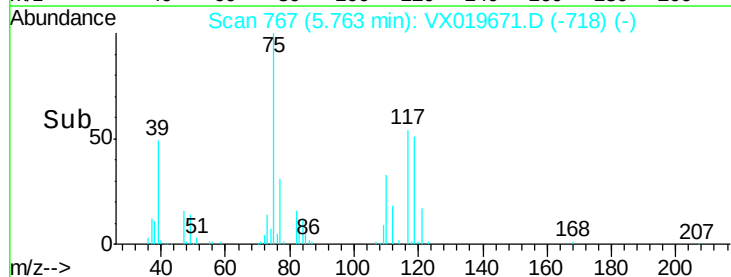
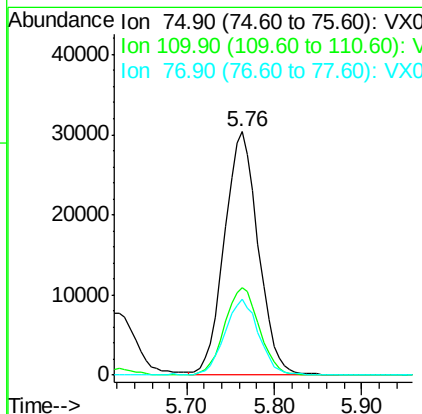
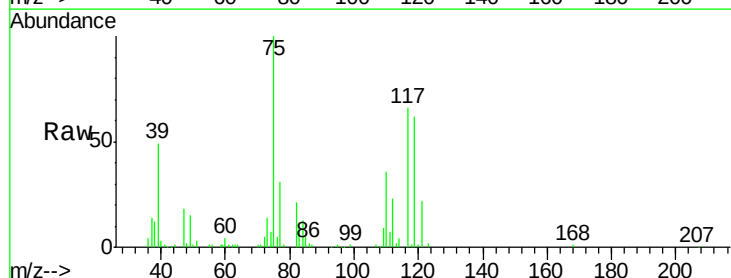
RT: 5.76 min Scan# 767

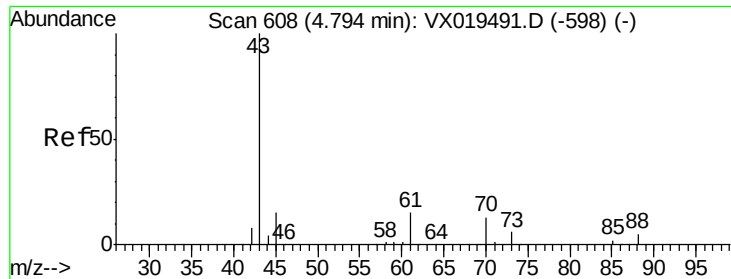
Delta R.T. -0.00 min

Lab File: VX019671.D

Acq: 30 Nov 2020 11:36

Tgt Ion:	75	Resp:	81295
Ion Ratio	Lower	Upper	
75	100		
110	36.9	18.1	54.3
77	31.5	24.2	36.4





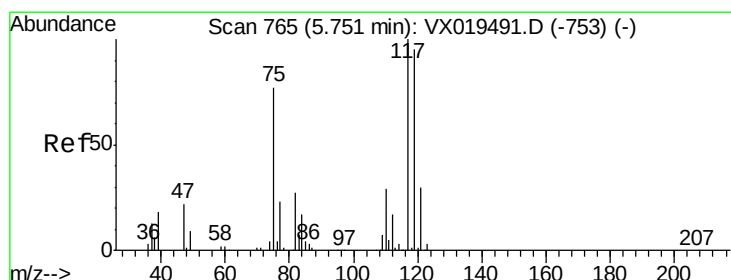
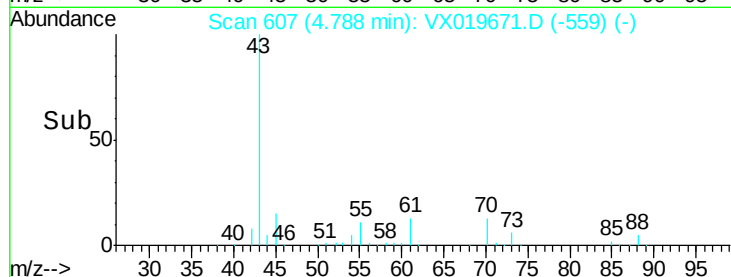
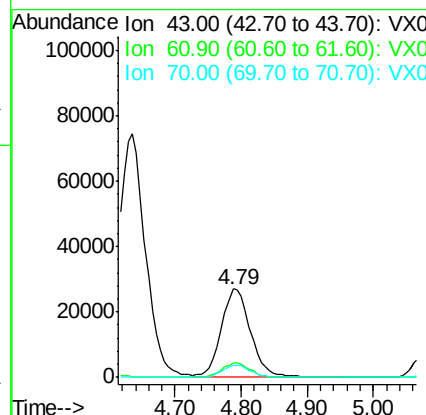
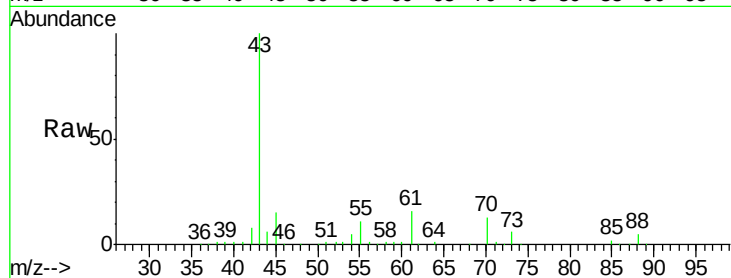
#37
Ethyl Acetate
Concen: 18.894 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX019671.D
Acq: 30 Nov 2020 11:36

Instrument :
MSVOA_X
ClientSampled :
VX1130WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.7	19.1
70	13.2	10.2	15.2

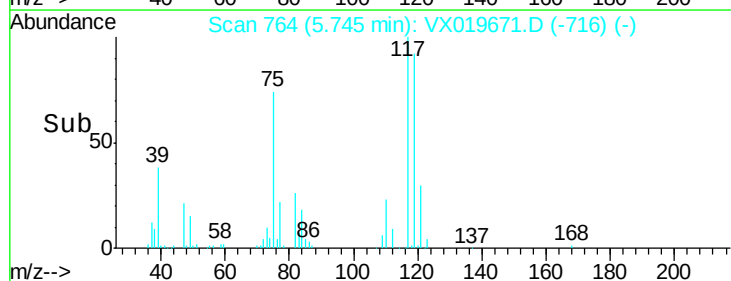
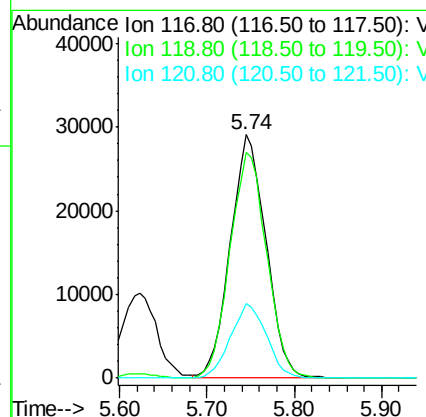
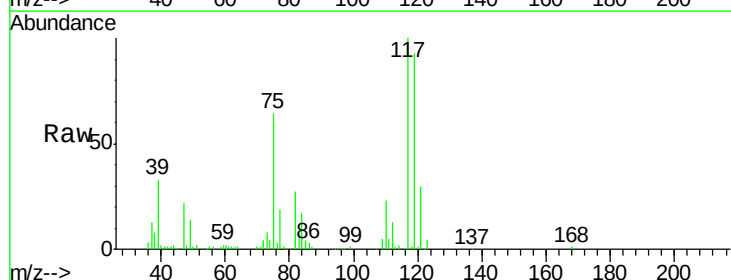
Manual Integrations
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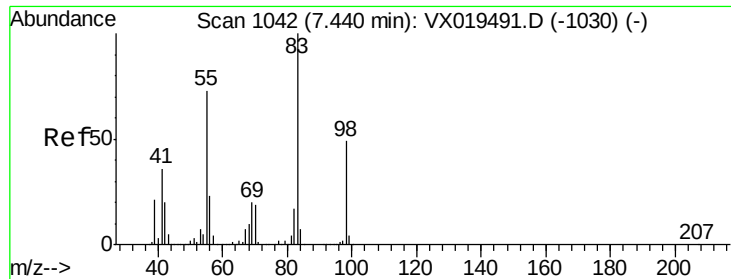
MMDadoda
12/1/2020 9:35:54 AM



#38
Carbon Tetrachloride
Concen: 18.405 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX019671.D
Acq: 30 Nov 2020 11:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.8	75.9	113.9
121	30.4	24.0	36.0





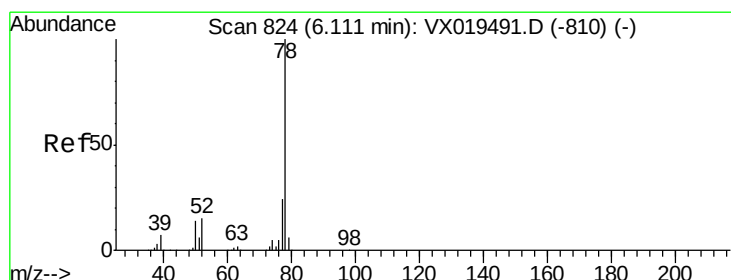
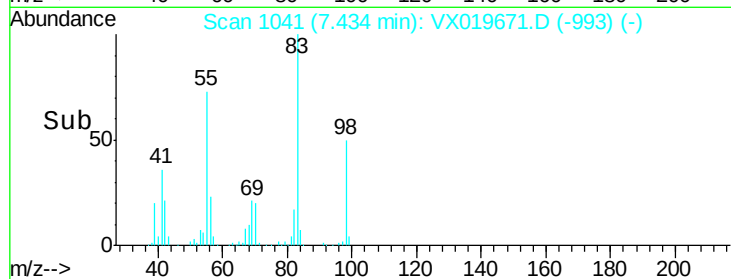
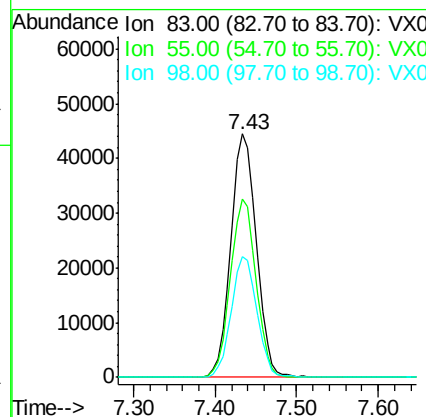
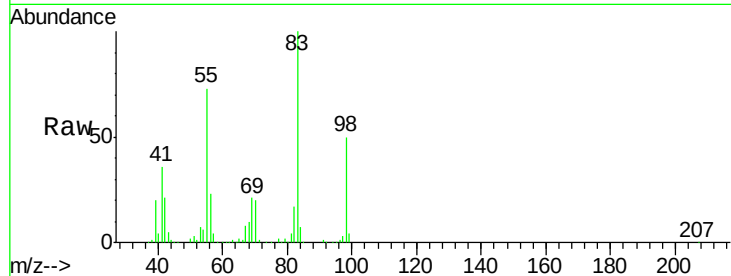
#39
Methylvlcyclohexane
Concen: 17.823 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX019671.D
Acq: 30 Nov 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.3	58.3	87.5
98	49.6	38.9	58.3

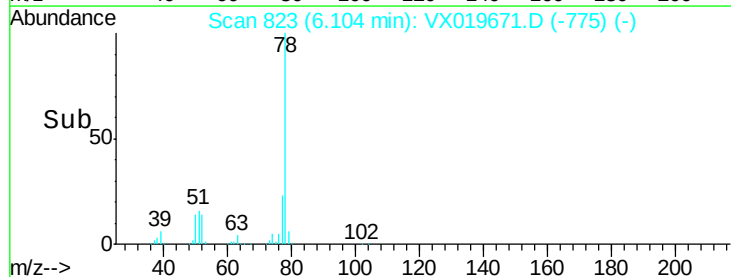
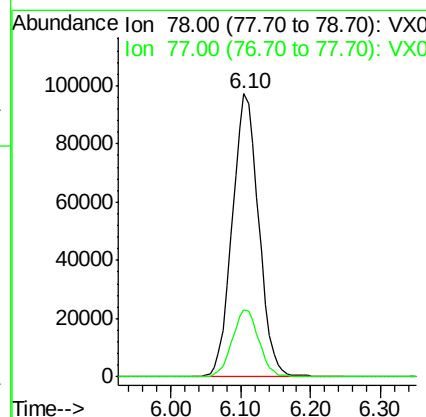
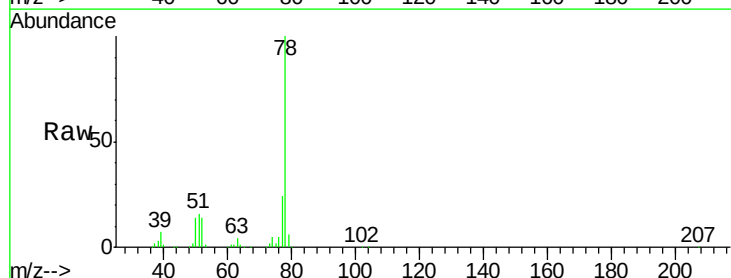
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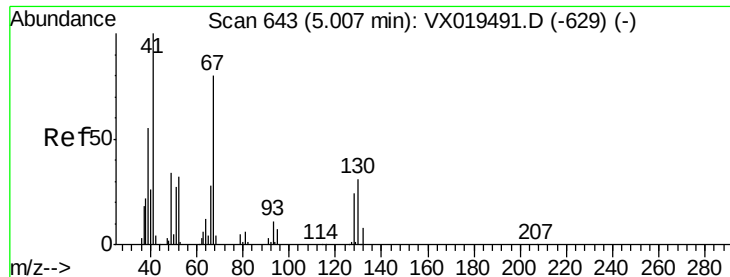
MMDadoda
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#40
Benzene
Concen: 17.992 ug/l
RT: 6.10 min Scan# 823
Delta R.T. -0.01 min
Lab File: VX019671.D
Acq: 30 Nov 2020 11:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.9	28.3





#41

Methacrylonitrile

Concen: 18.293 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX019671.D

Acq: 30 Nov 2020 11:36

Instrument :

MSVOA_X

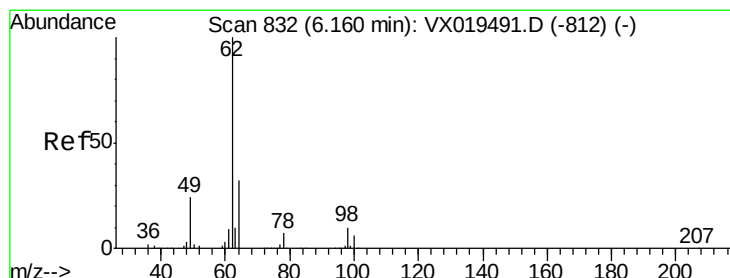
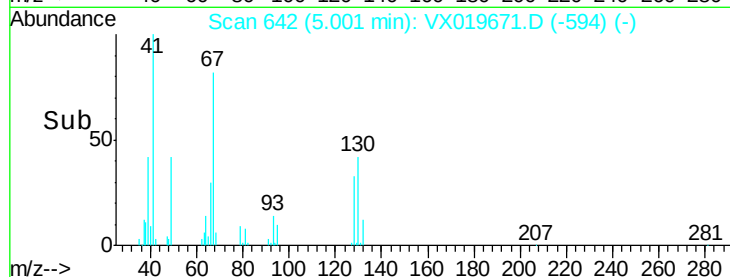
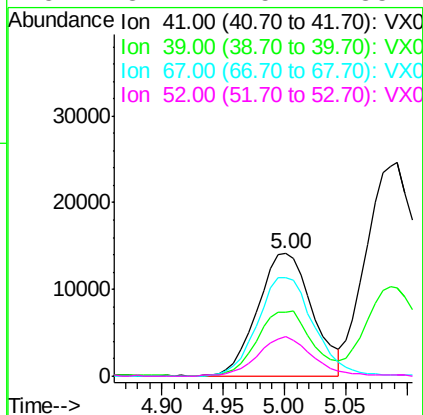
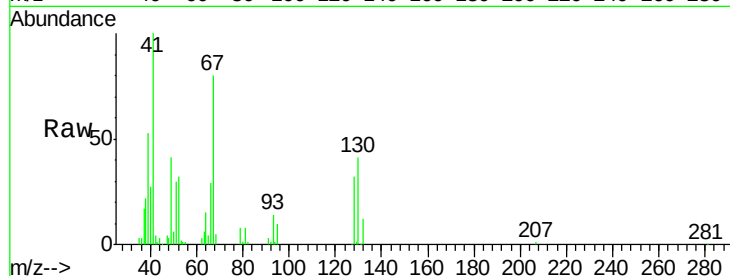
ClientSampleId :

VX1130WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.4	43.3	64.9	
67	83.3	66.0	99.0	
52	32.7	25.4	38.2	

Manual Integrations
APPROVED

MMDadoda
12/1/2020 9:35:54 AM



#42

1,2-Dichloroethane

Concen: 18.369 ug/l

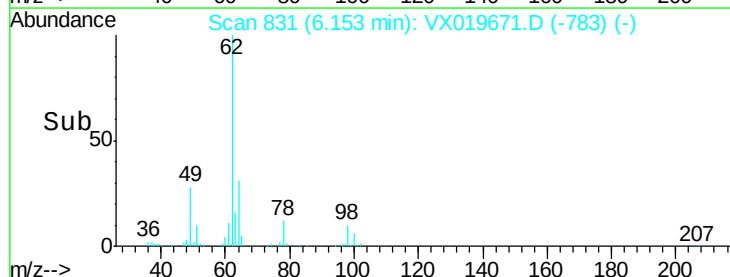
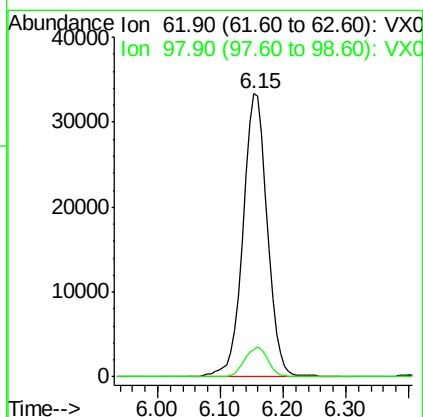
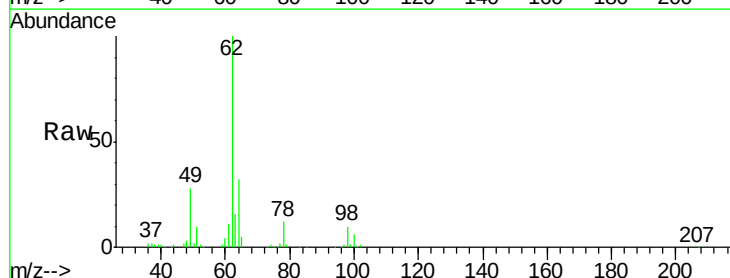
RT: 6.15 min Scan# 831

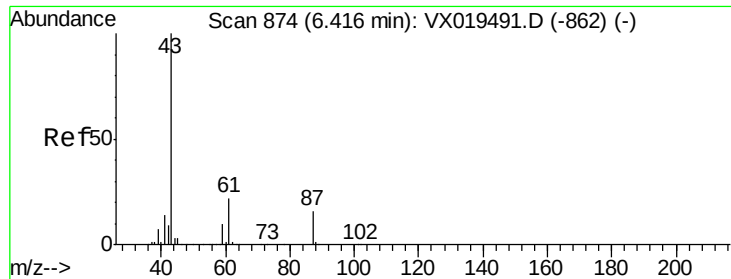
Delta R.T. -0.01 min

Lab File: VX019671.D

Acq: 30 Nov 2020 11:36

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	0.0	20.0	





#43

Isopropyl Acetate

Concen: 18.174 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX019671.D

Acq: 30 Nov 2020 11:36

Instrument :

MSVOA_X

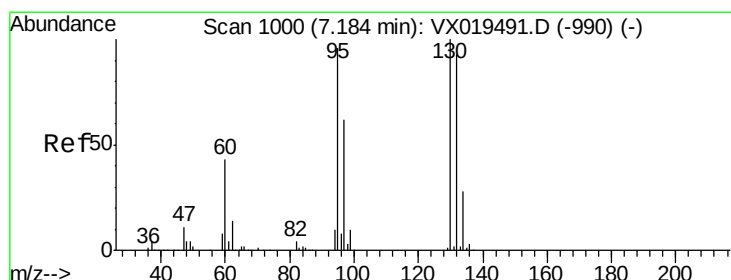
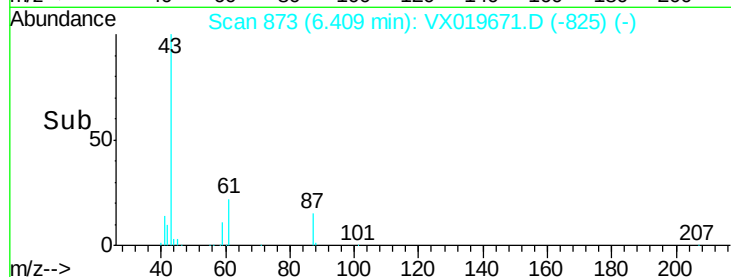
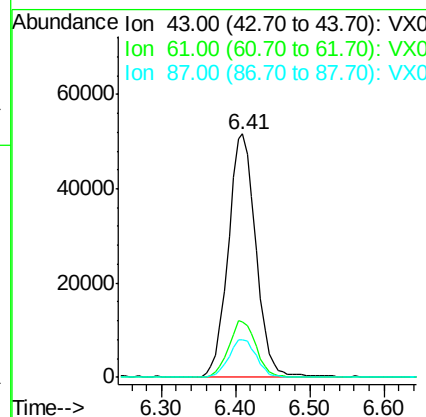
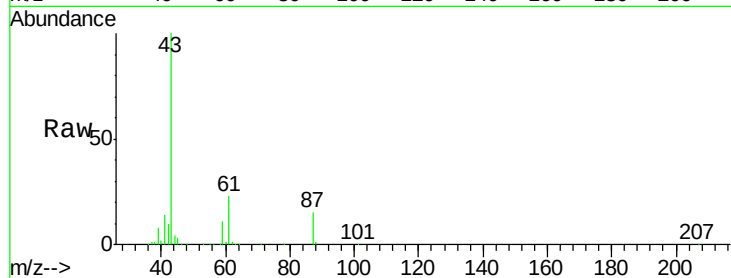
ClientSampleId :

VX1130WBS01

Tot Ion:	43	Resp:	132634
Ion	Ratio	Lower	Upper
43	100		
61	23.2	18.2	27.2
87	15.6	12.6	18.8

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#44

Trichloroethene

Concen: 18.125 ug/l

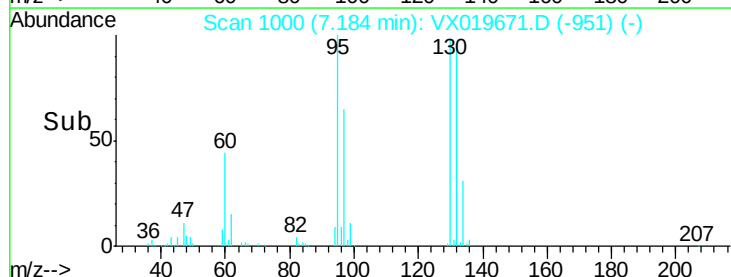
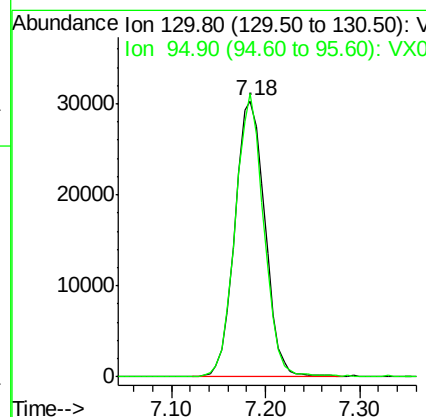
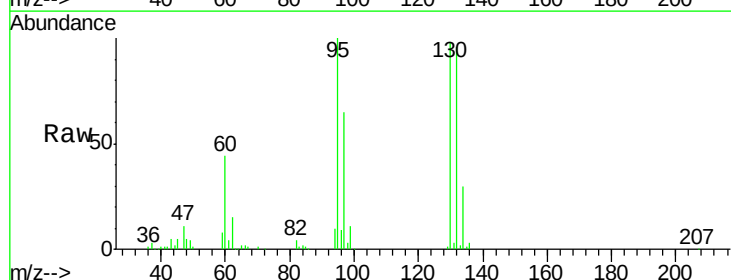
RT: 7.18 min Scan# 1000

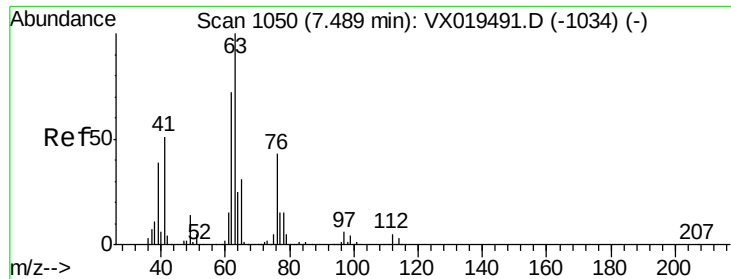
Delta R.T. -0.00 min

Lab File: VX019671.D

Acq: 30 Nov 2020 11:36

Tgt Ion:	130	Resp:	67457
Ion	Ratio	Lower	Upper
130	100		
95	102.5	0.0	191.2





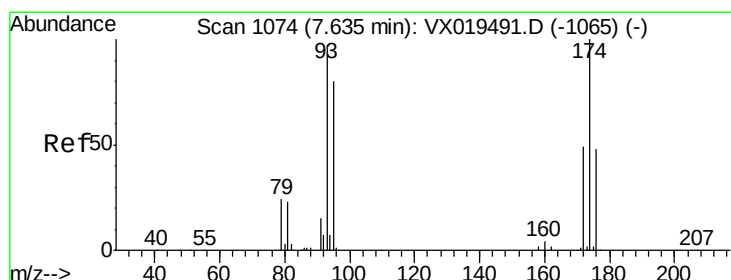
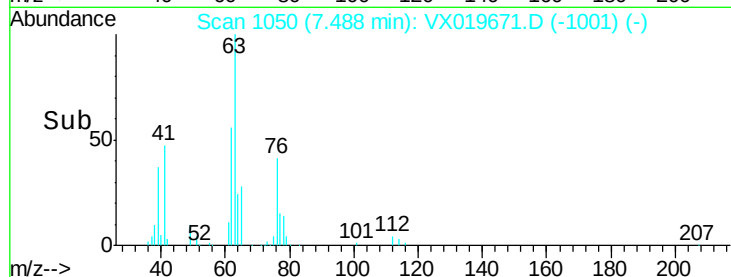
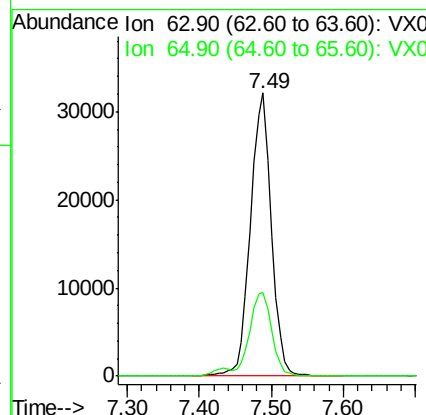
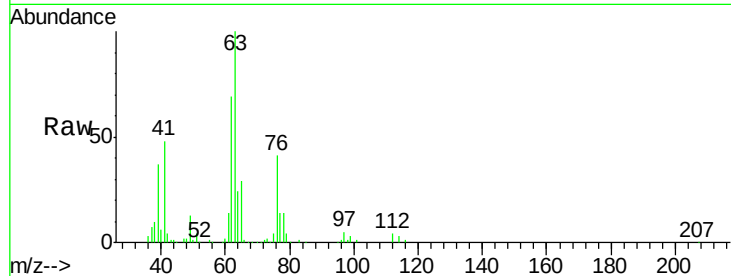
#45
 1,2-Dichloropropane
 Concen: 18.525 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX019671.D
 Acq: 30 Nov 2020 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBS01

Tot Ion: 63 Resp: 64797
 Ion Ratio Lower Upper
 63 100
 65 29.4 25.0 37.4

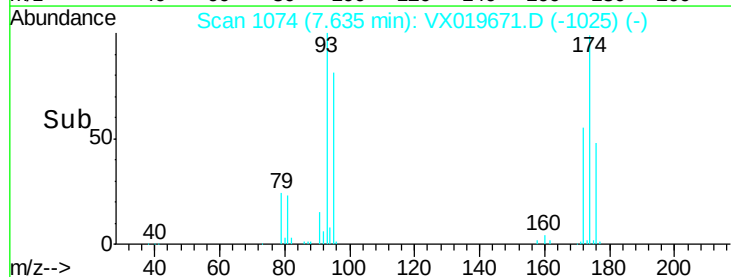
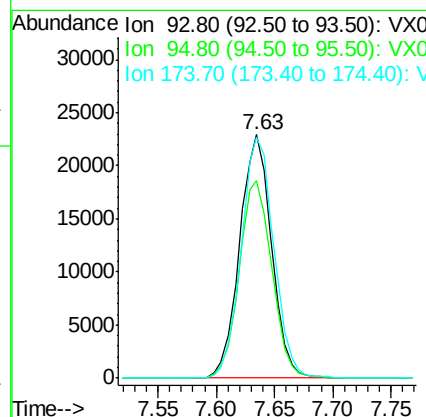
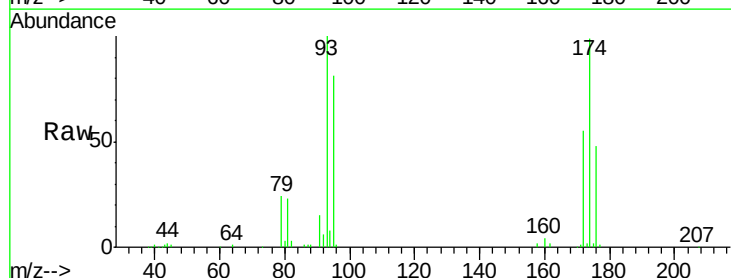
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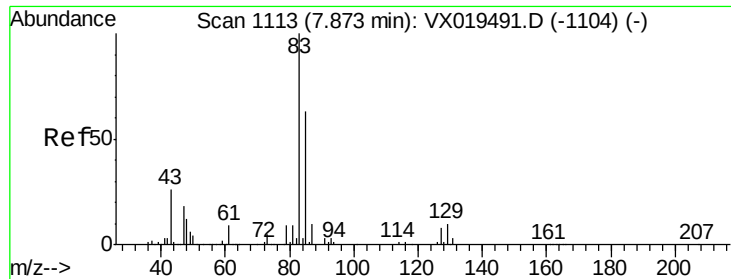
MMDadoda
 12/1/2020 9:35:54 AM



#46
 Dibromomethane
 Concen: 18.307 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX019671.D
 Acq: 30 Nov 2020 11:36

Tgt Ion: 93 Resp: 43827
 Ion Ratio Lower Upper
 93 100
 95 83.2 66.8 100.2
 174 101.4 83.0 124.4





#47

Bromodichloromethane

Concen: 18.494 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019671.D

Acq: 30 Nov 2020 11:36

Instrument :

MSVOA_X

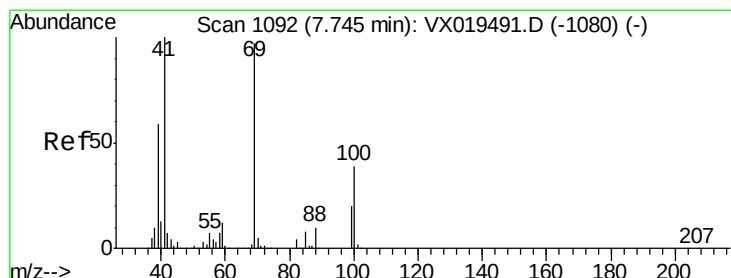
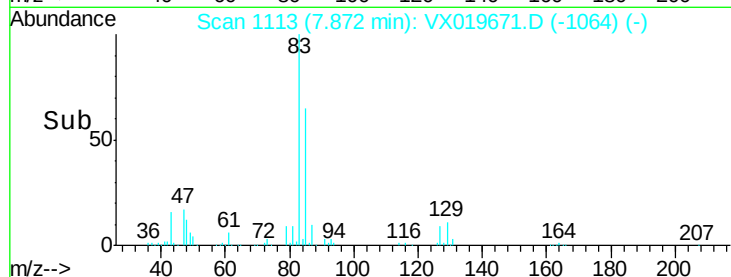
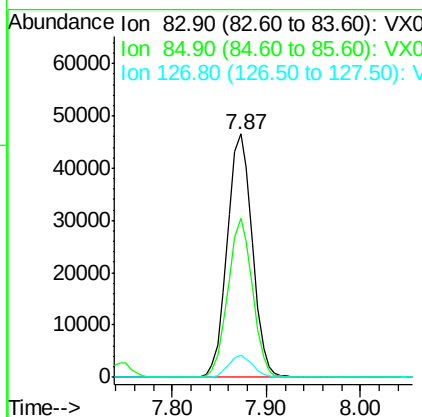
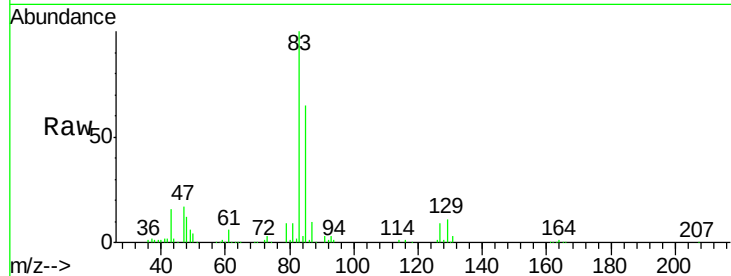
ClientSampleId :

VX1130WBS01

Tot Ion:	83	Resp:	85912
Ion	Ratio	Lower	Upper
83	100		
85	65.2	50.2	75.2
127	8.9	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.951 ug/l

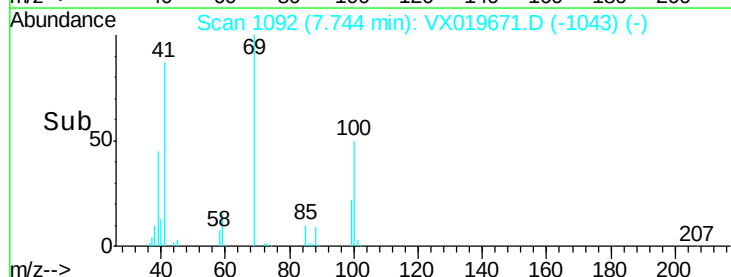
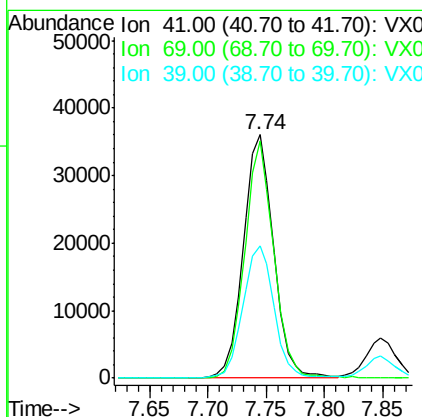
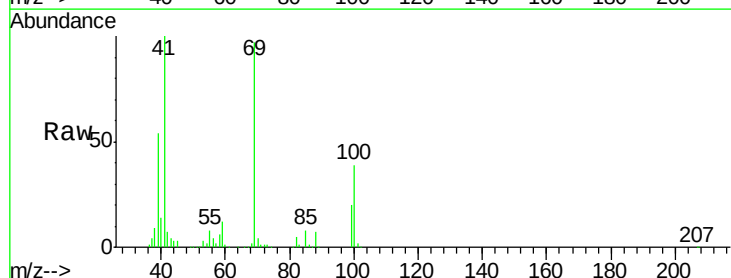
RT: 7.74 min Scan# 1092

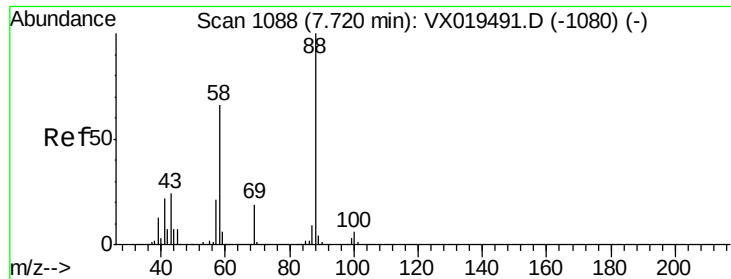
Delta R.T. -0.00 min

Lab File: VX019671.D

Acq: 30 Nov 2020 11:36

Tgt Ion:	41	Resp:	64772
Ion	Ratio	Lower	Upper
41	100		
69	94.3	77.0	115.6
39	56.4	45.6	68.4





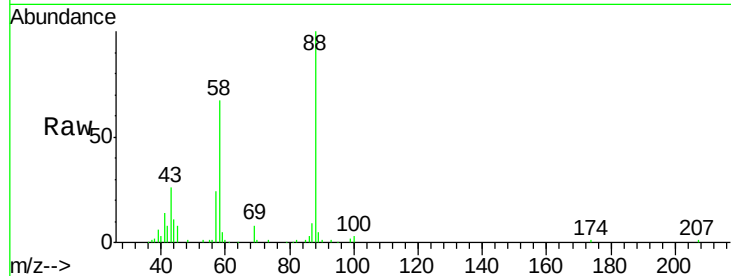
#49
1,4-Dioxane
Concen: 387.813 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.01 min
Lab File: VX019671.D
Acq: 30 Nov 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

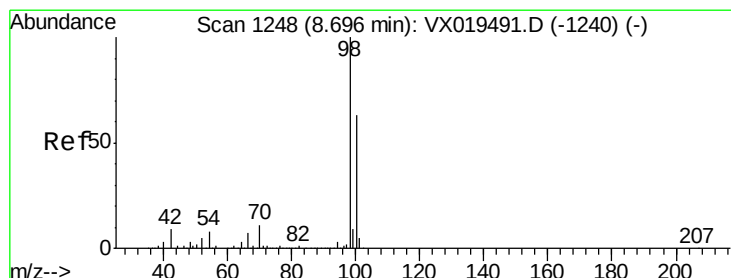
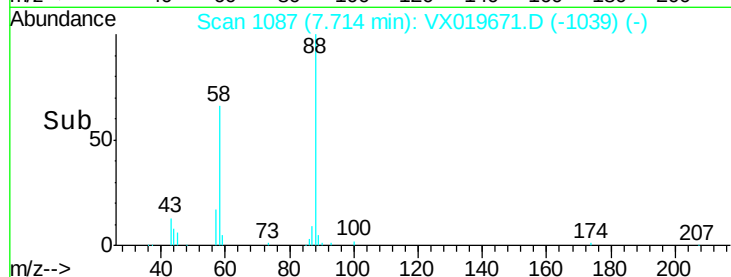
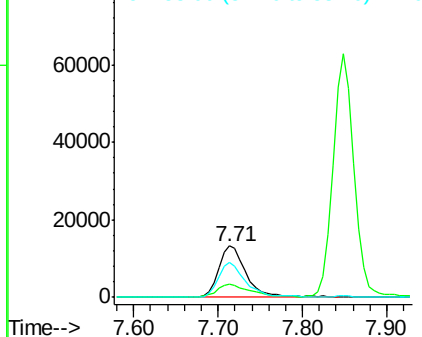
Tot Ion	Ratio	Lower	Upper
88	100		
43	27.4	23.8	35.6
58	66.7	54.2	81.2

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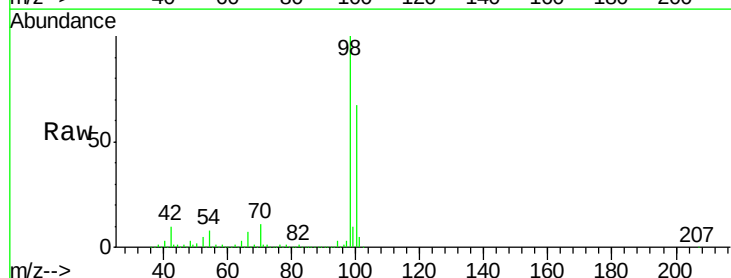


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

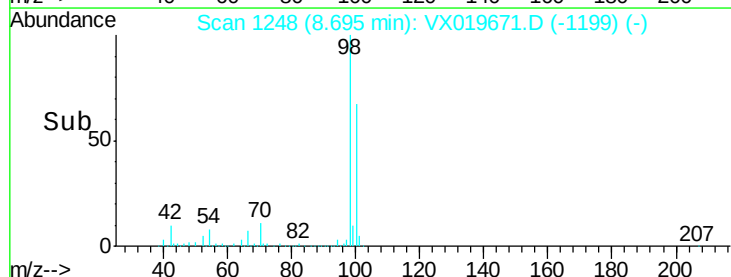
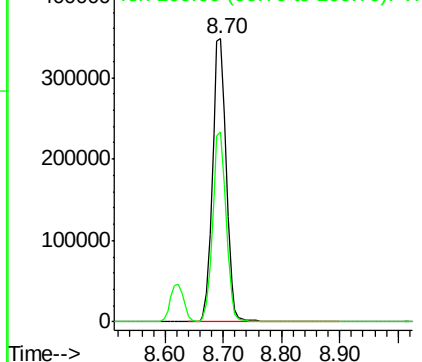


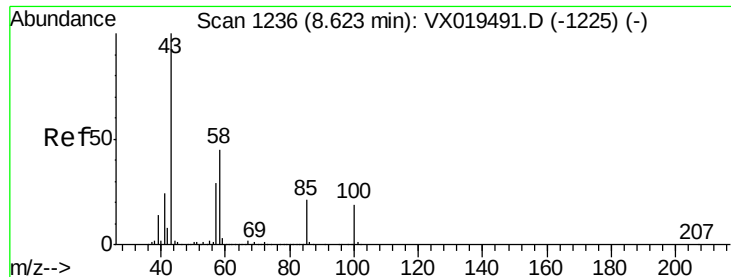
#50
Toluene-d8
Concen: 46.939 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019671.D
Acq: 30 Nov 2020 11:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	52.4	78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





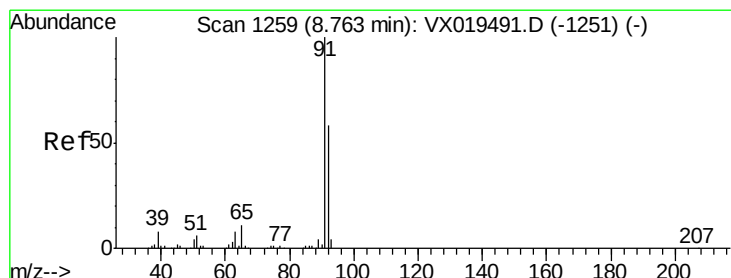
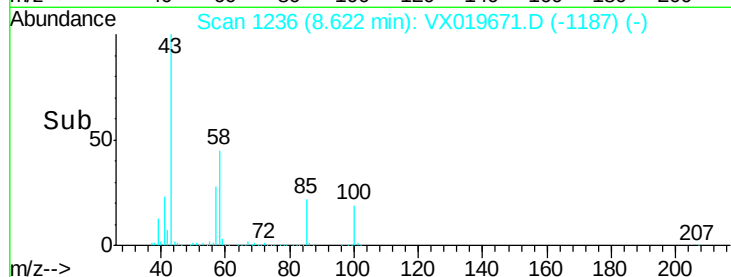
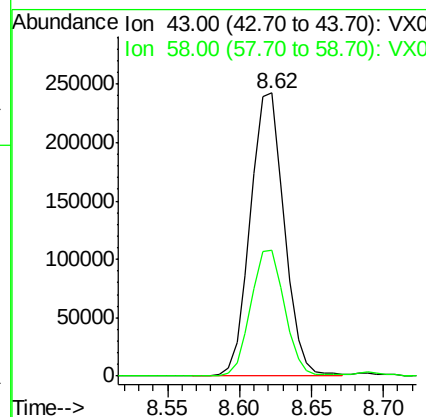
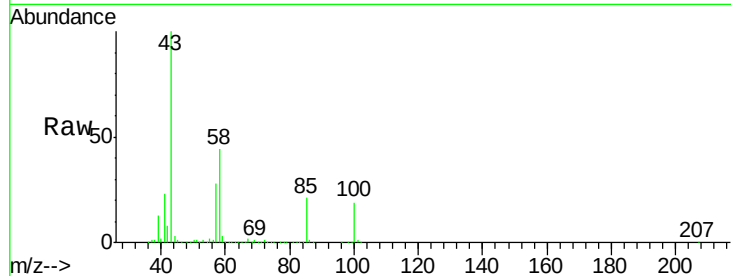
#51
4-Methyl-2-Pentanone
Concen: 92.546 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX019671.D
Acq: 30 Nov 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

Tot Ion: 43 Resp: 393837
Ion Ratio Lower Upper
43 100
58 44.5 35.1 52.7

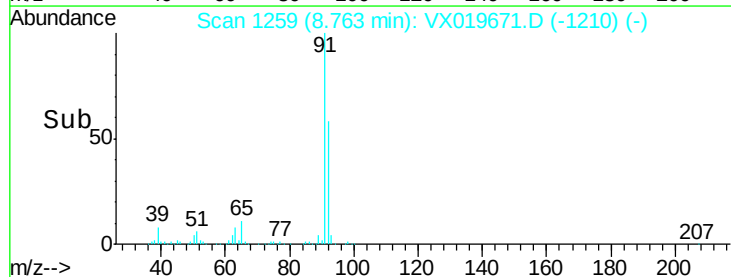
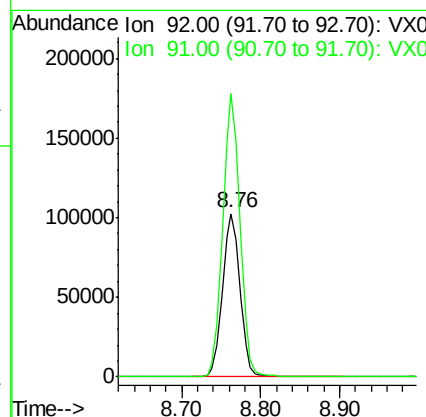
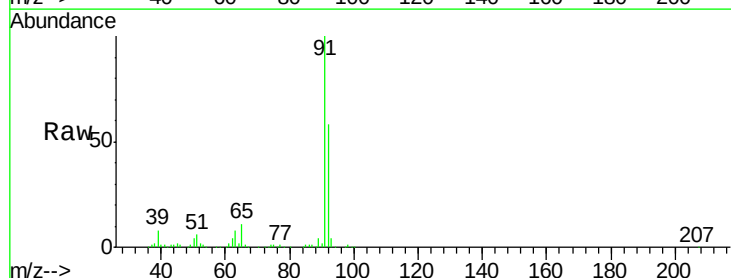
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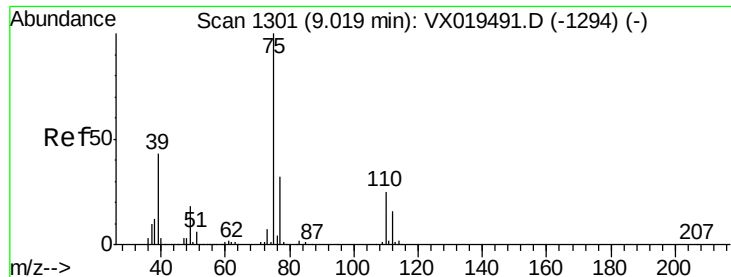
MMDadoda
12/1/2020 9:35:54 AM



#52
Toluene
Concen: 18.284 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019671.D
Acq: 30 Nov 2020 11:36

Tgt Ion: 92 Resp: 158927
Ion Ratio Lower Upper
92 100
91 171.0 138.1 207.1





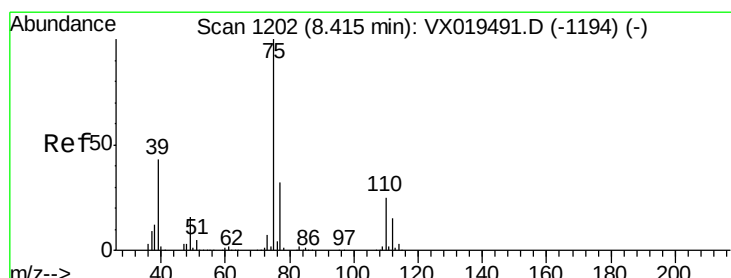
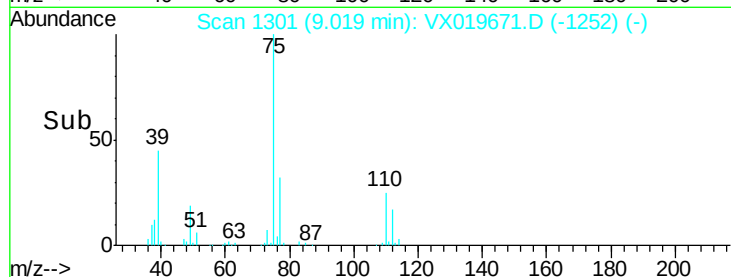
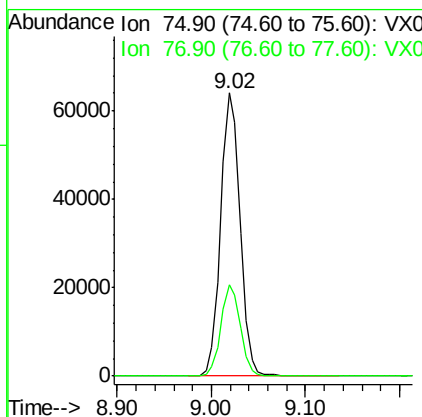
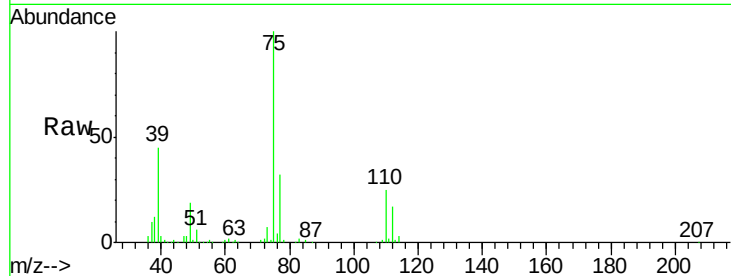
#53
 t-1,3-Dichloropropene
 Concen: 18.305 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: VX019671.D
 Acq: 30 Nov 2020 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBS01

Tot Ion: 75 Resp: 91838
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.3 37.9

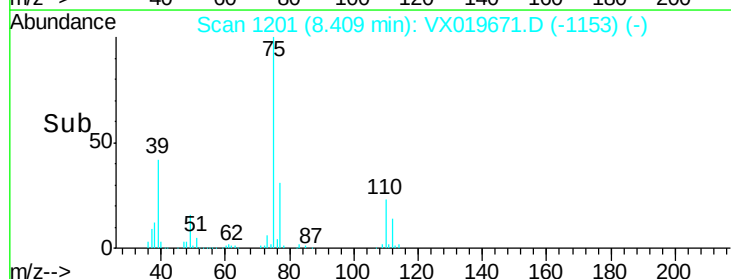
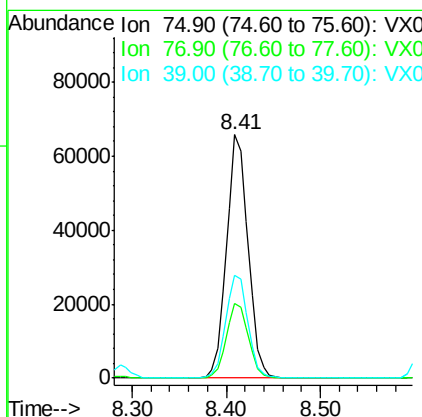
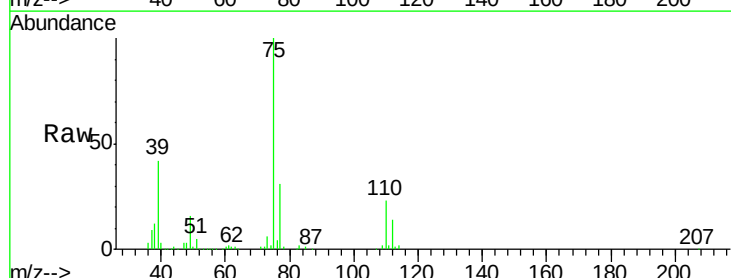
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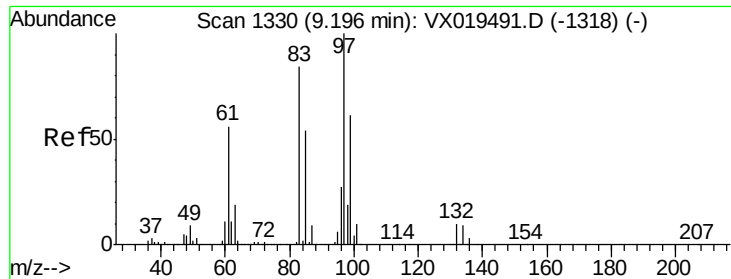
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 12/1/2020 9:35:54 AM



#54
 cis-1,3-Dichloropropene
 Concen: 18.752 ug/l
 RT: 8.41 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: VX019671.D
 Acq: 30 Nov 2020 11:36

Tgt Ion: 75 Resp: 104406
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.8 38.6
 39 42.3 34.6 51.8





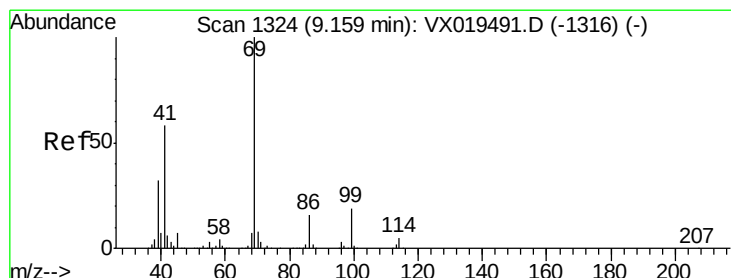
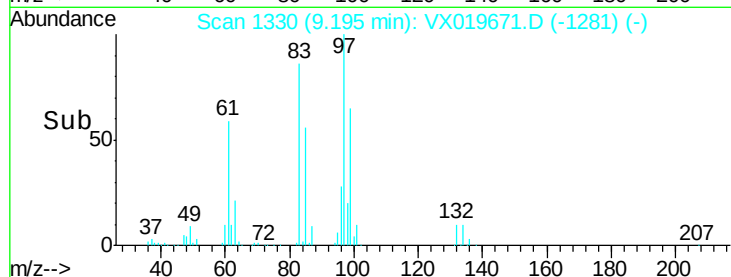
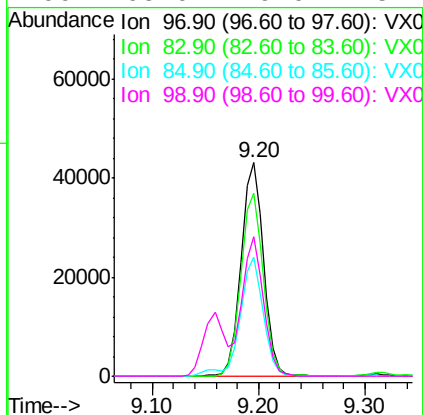
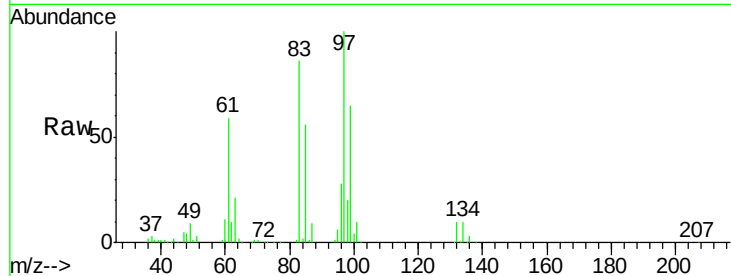
#55
 1,1,2-Trichloroethane
 Concen: 18.078 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019671.D
 Acq: 30 Nov 2020 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		63995		
83	85.9	67.0	100.6		
85	55.6	43.4	65.0		
99	65.0	49.0	73.4		

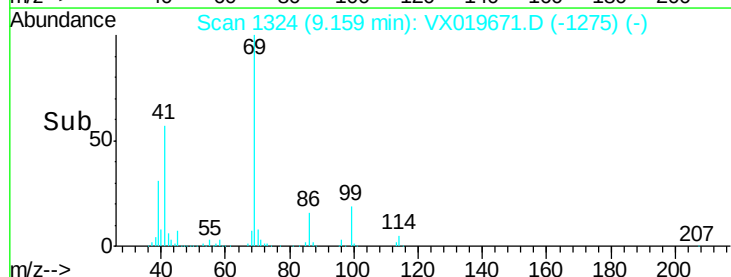
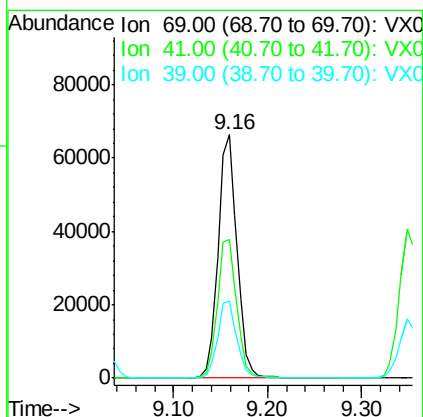
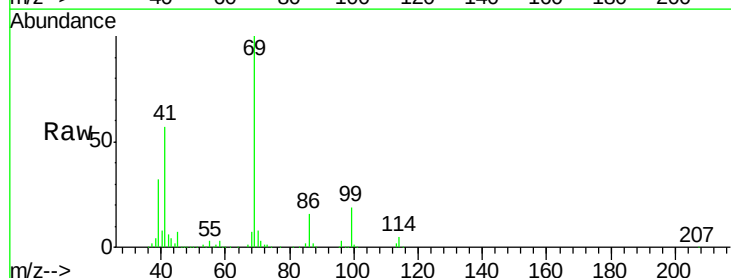
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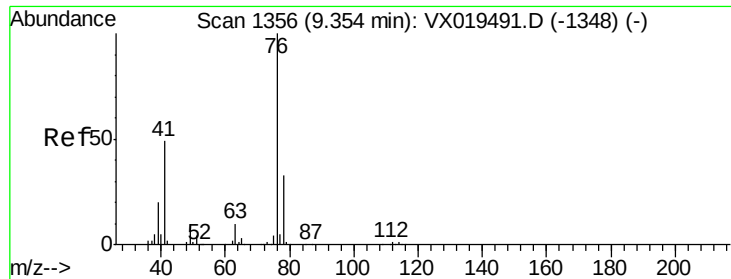
MMDadoda
 12/1/2020 9:35:54 AM



#56
 Ethyl methacrylate
 Concen: 18.372 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX019671.D
 Acq: 30 Nov 2020 11:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		92028		
41	58.4	46.2	69.2		
39	31.9	25.5	38.3		





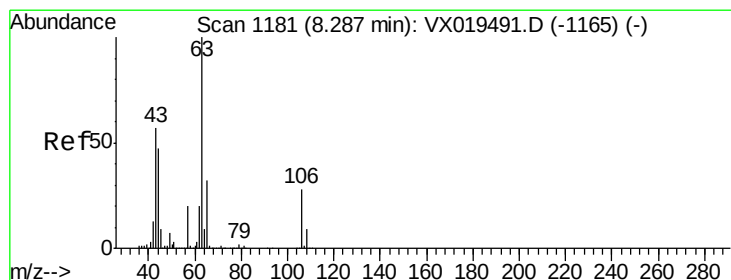
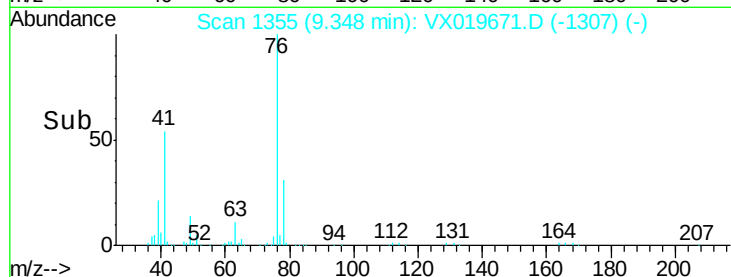
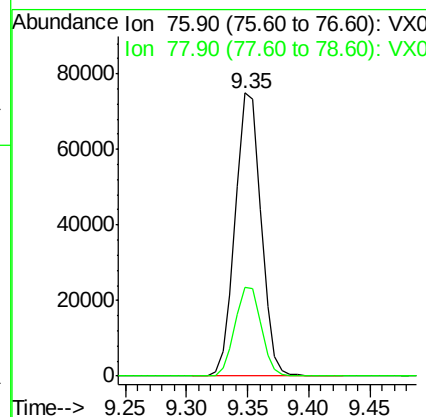
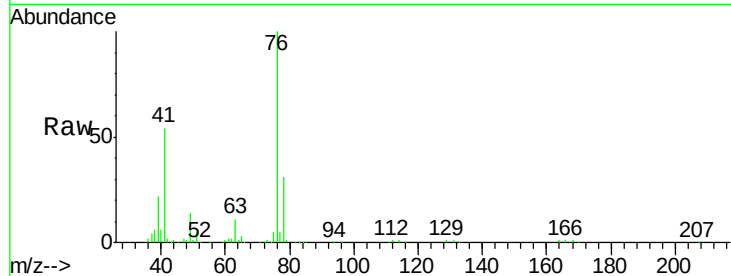
#57
 1,3-Dichloropropane
 Concen: 18.442 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: VX019671.D
 Acq: 30 Nov 2020 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.7	38.5

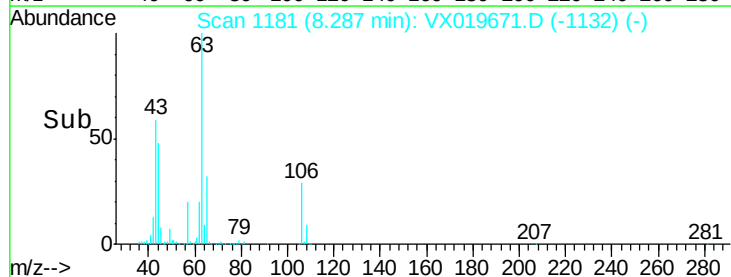
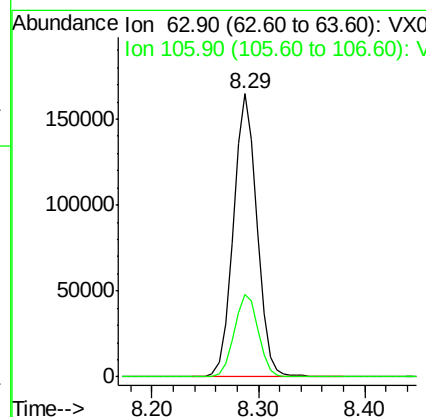
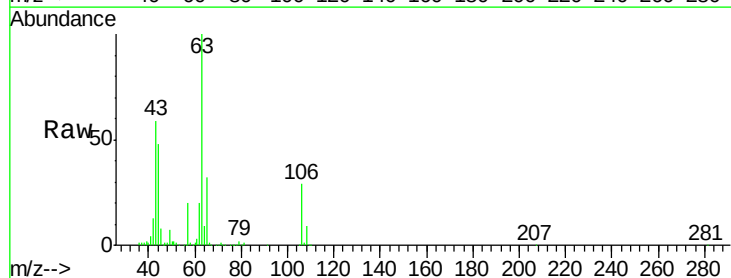
Manual Integrations
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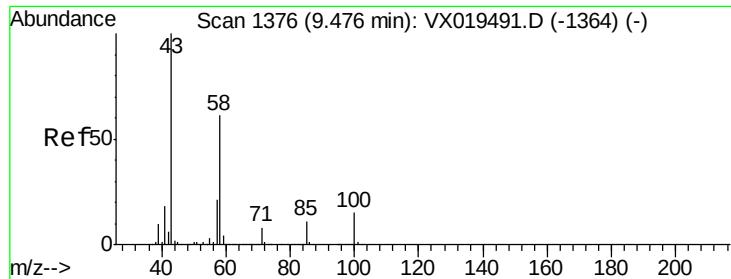
MMDadoda
 12/1/2020 9:35:54 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 87.199 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX019671.D
 Acq: 30 Nov 2020 11:36

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.9	23.7	35.5





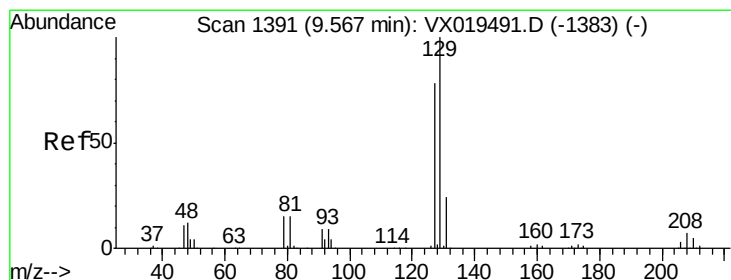
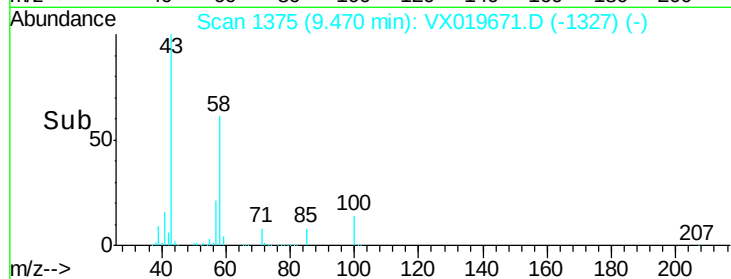
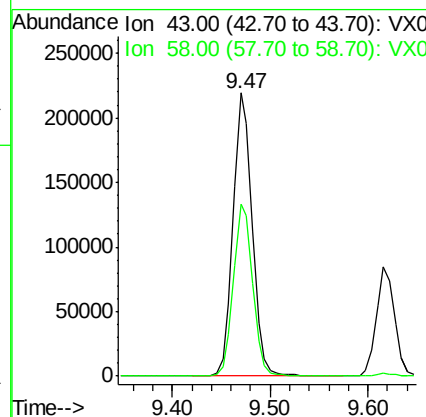
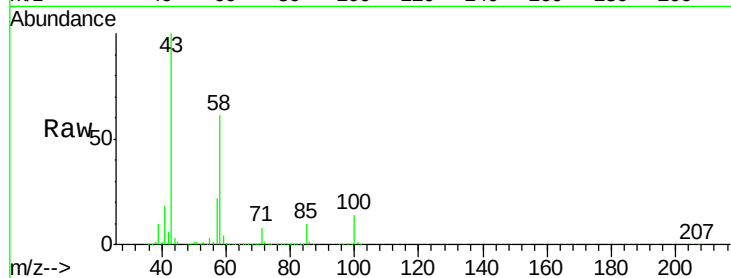
#59
2-Hexanone
Concen: 92.175 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX019671.D
Acq: 30 Nov 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	61.4	30.6	91.6

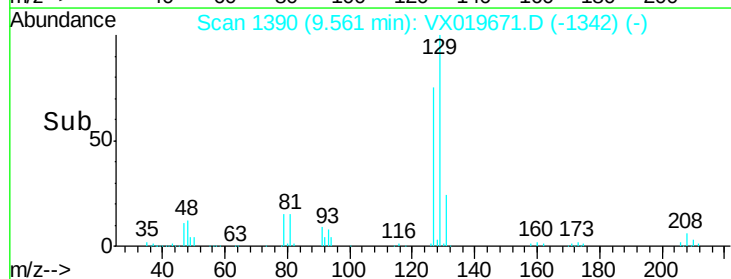
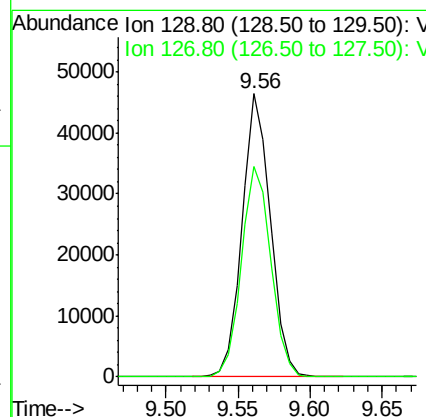
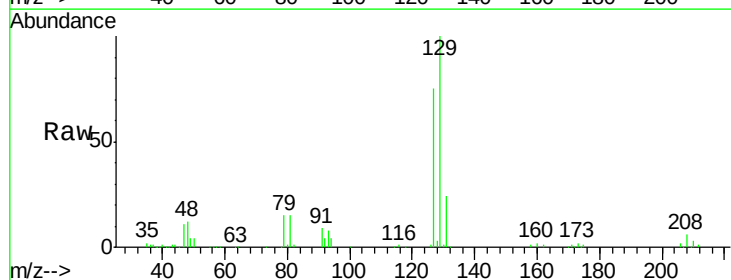
Manual Integrations
APPROVED

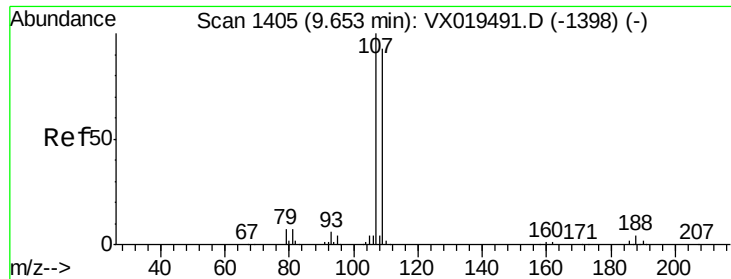
MMDadoda
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#60
Dibromochloromethane
Concen: 18.300 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX019671.D
Acq: 30 Nov 2020 11:36

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.3	39.0	116.9





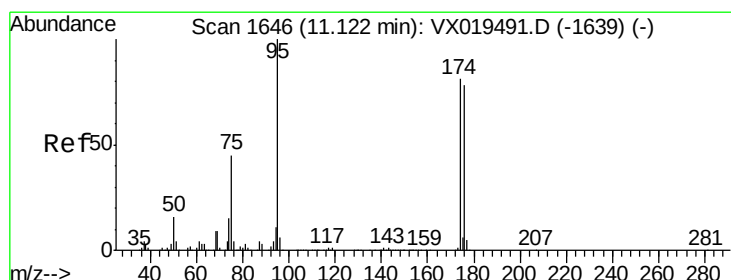
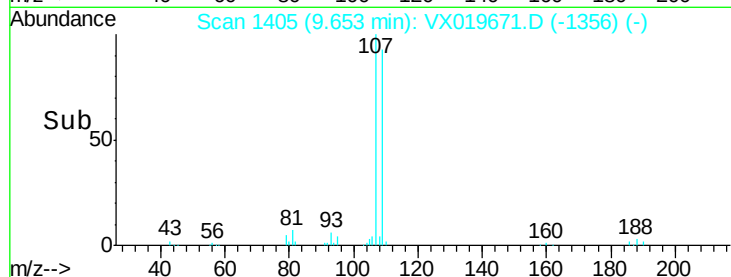
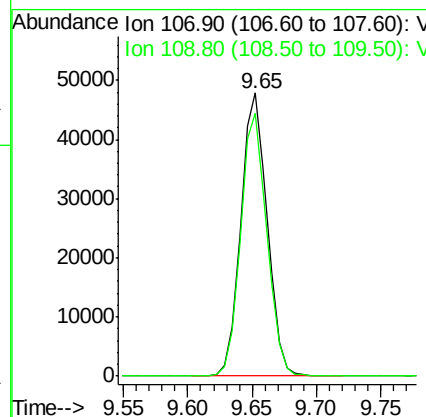
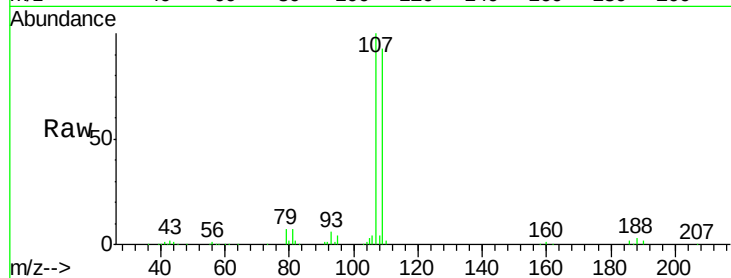
#61
 1,2-Dibromoethane
 Concen: 18.576 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019671.D
 Acq: 30 Nov 2020 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBS01

Tot Ion: 107 Resp: 67783
 Ion Ratio Lower Upper
 107 100
 109 92.7 74.8 112.2

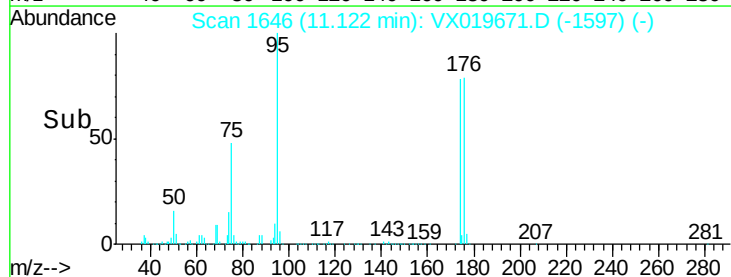
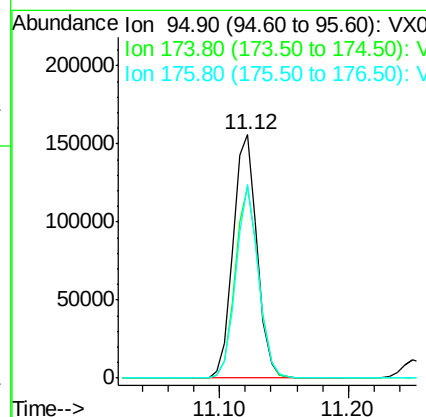
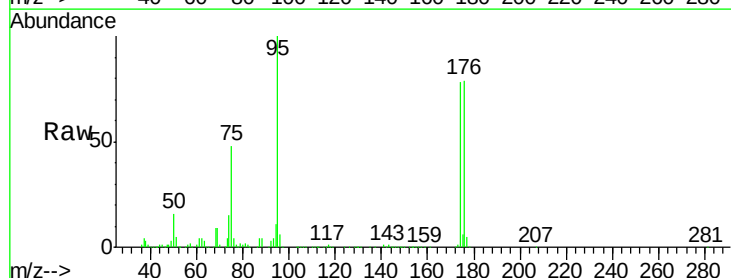
Manual Integrations
 APPROVED

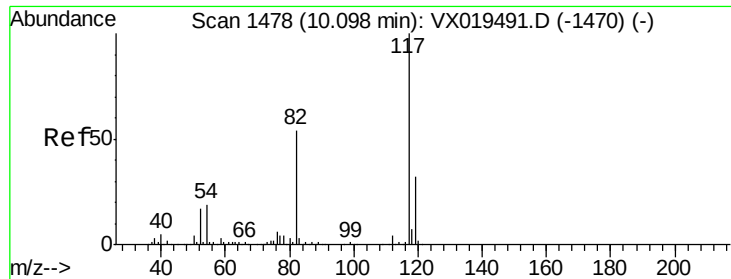
MMDadoda
 12/1/2020 9:35:54 AM



#62
 4-Bromofluorobenzene
 Concen: 46.850 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019671.D
 Acq: 30 Nov 2020 11:36

Tgt Ion: 95 Resp: 202806
 Ion Ratio Lower Upper
 95 100
 174 76.8 0.0 156.2
 176 74.6 0.0 151.4





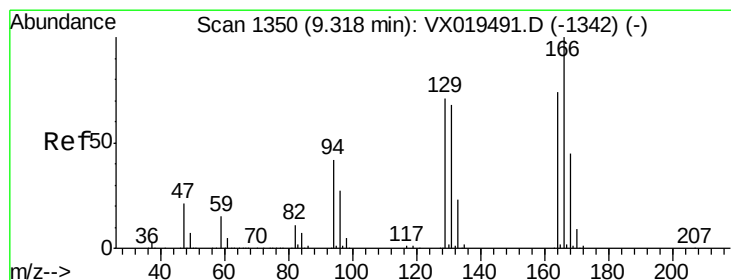
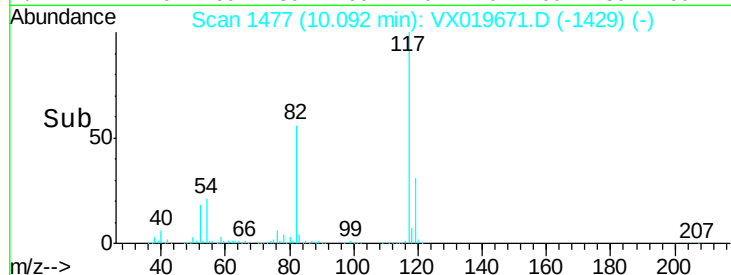
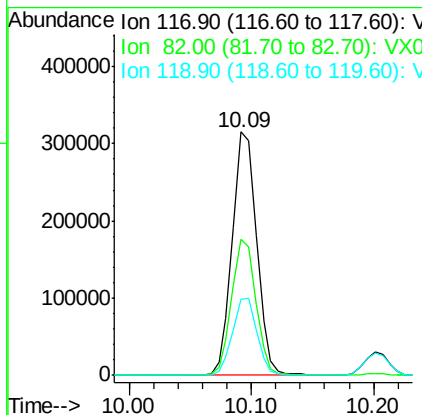
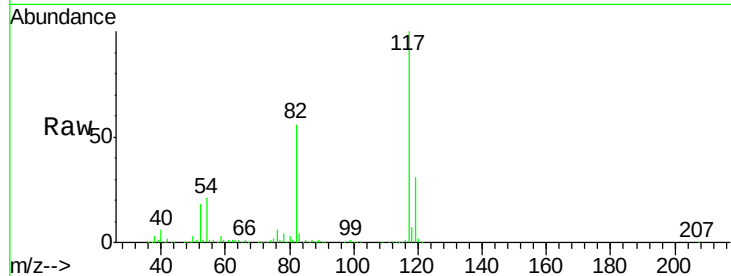
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX019671.D
Acq: 30 Nov 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	43.0	64.4
119	31.0	25.6	38.4

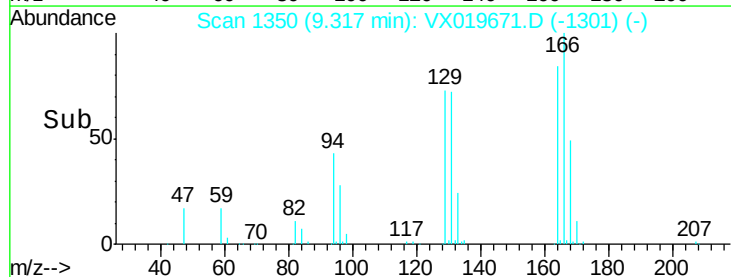
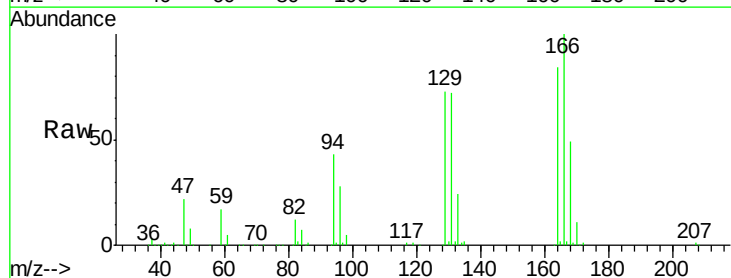
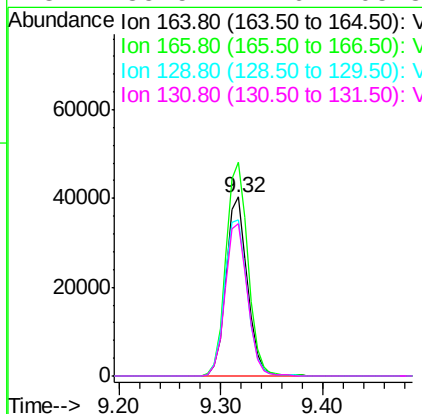
Manual Integrations
APPROVED

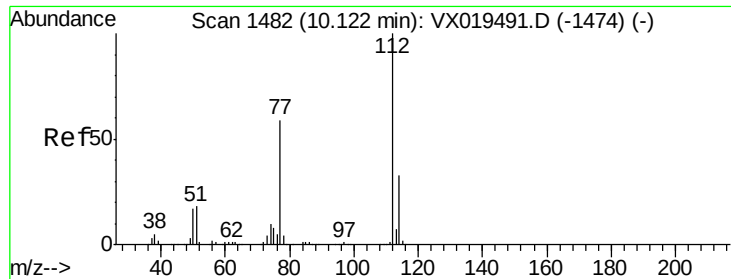
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#64
Tetrachloroethene
Concen: 17.032 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019671.D
Acq: 30 Nov 2020 11:36

Tgt Ion	Ratio	Lower	Upper
164	100		
166	119.5	107.4	161.0
129	87.7	76.6	114.8
131	85.5	72.6	108.8





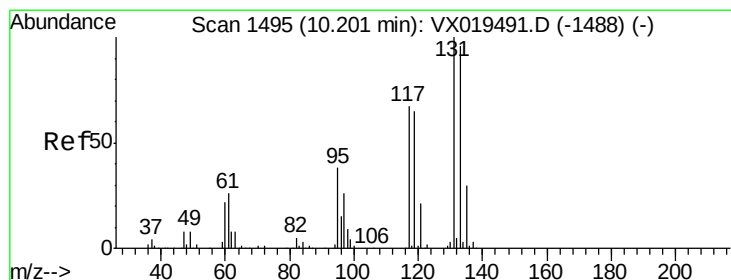
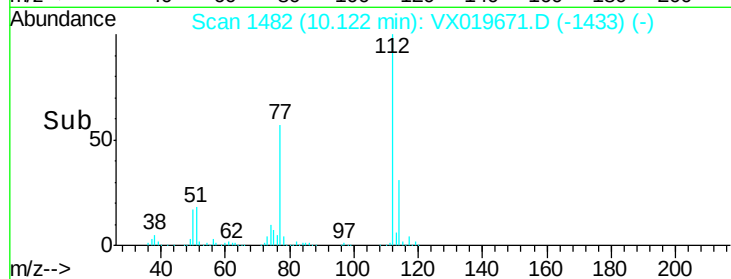
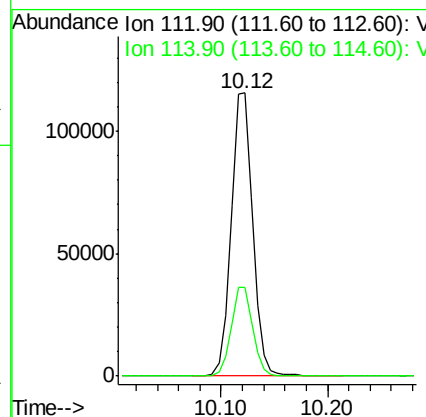
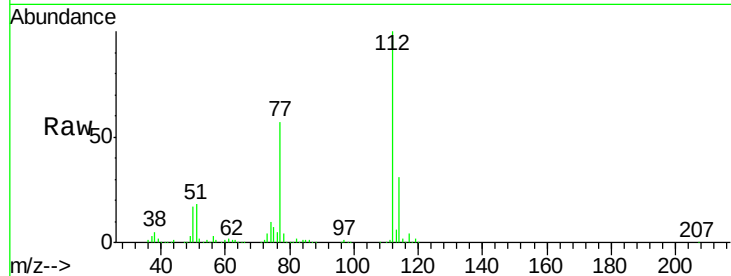
#65
Chlorobenzene
Concen: 18.328 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019671.D
Acq: 30 Nov 2020 11:36

Instrument :
MSVOA_X
ClientSampled :
VX1130WBS01

Tot Ion:112 Resp: 163836
Ion Ratio Lower Upper
112 100
114 31.4 26.0 39.0

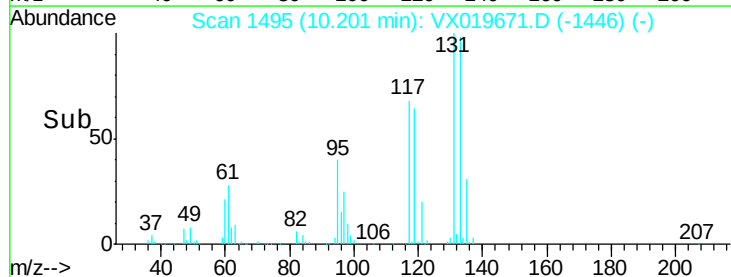
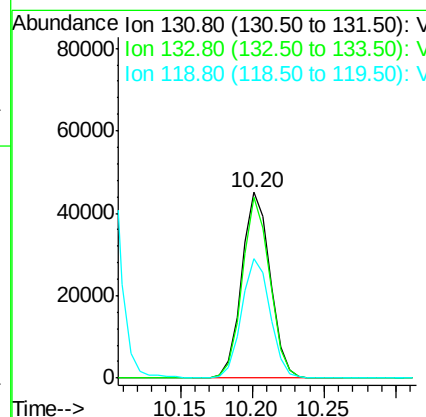
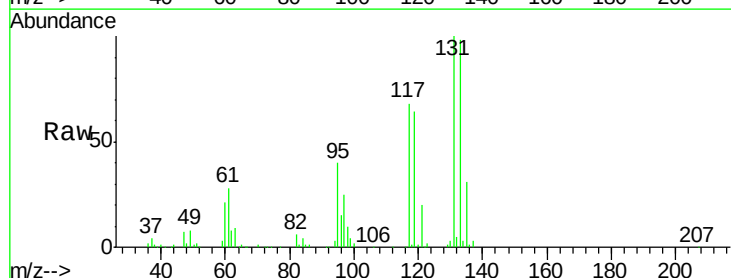
Manual Integrations
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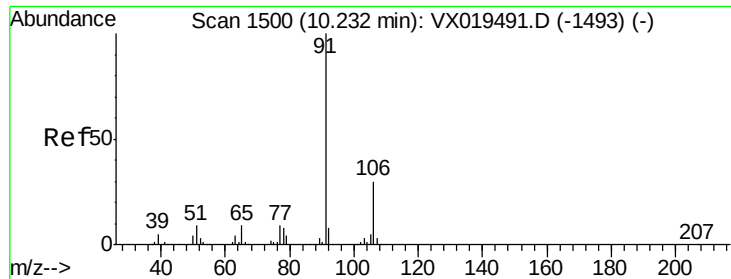
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 18.951 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019671.D
Acq: 30 Nov 2020 11:36

Tgt Ion:131 Resp: 61617
Ion Ratio Lower Upper
131 100
133 94.5 48.5 145.5
119 64.6 33.0 99.0





#67

Ethyl Benzene

Concen: 18.517 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019671.D

Acq: 30 Nov 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBS01

Tot Ion: 91 Resp: 289968

Ion Ratio Lower Upper

91 100

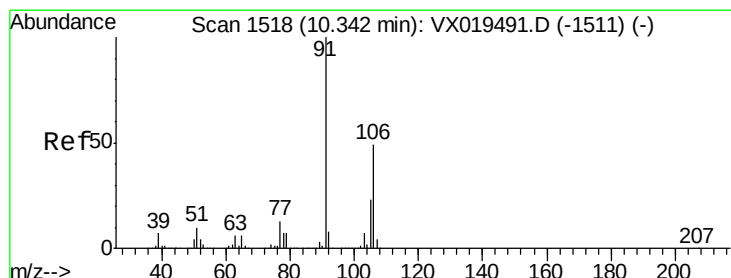
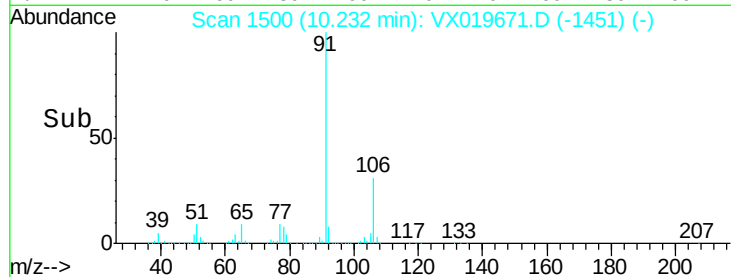
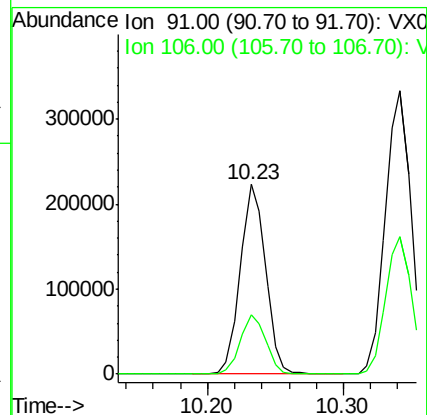
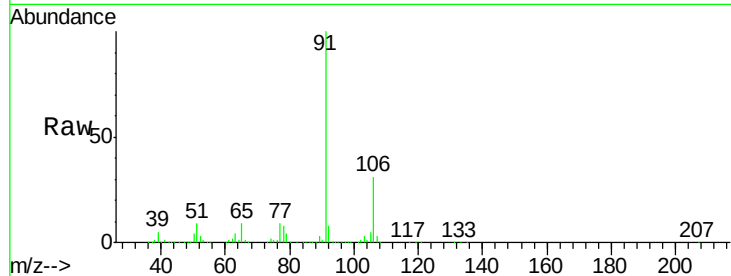
106 31.0 24.0 36.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 37.095 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019671.D

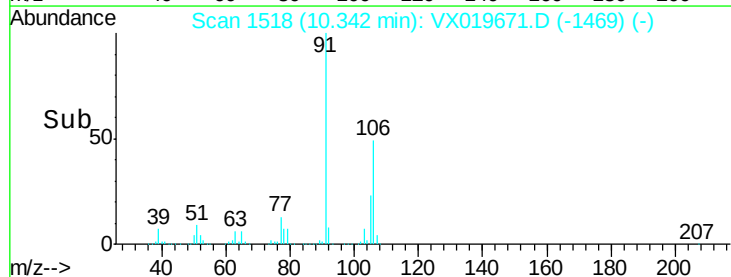
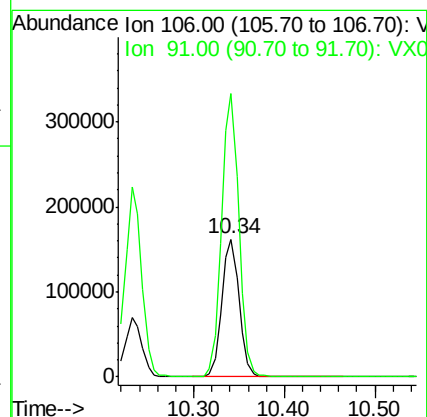
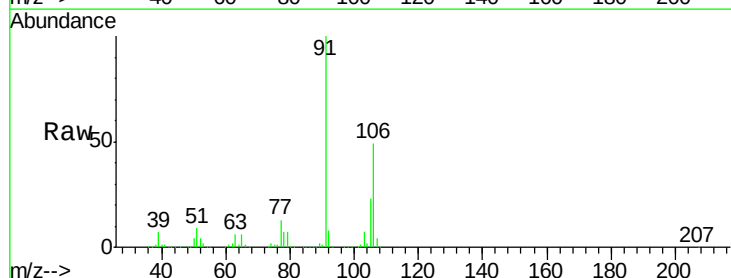
Acq: 30 Nov 2020 11:36

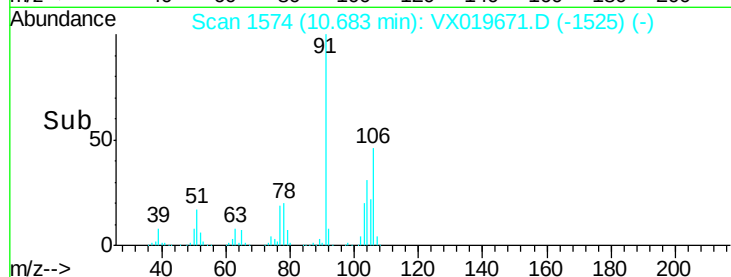
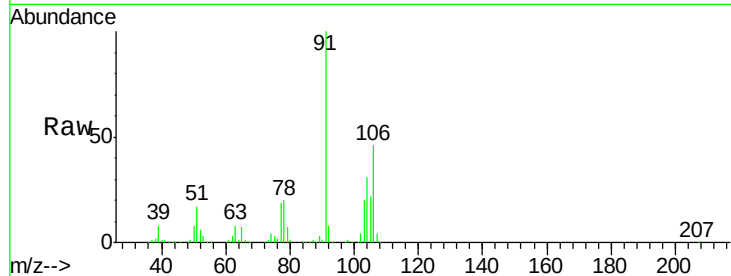
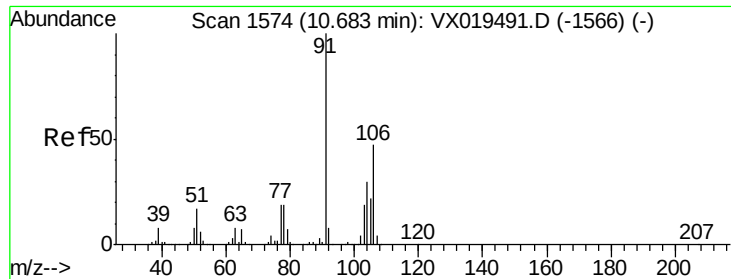
Tgt Ion: 106 Resp: 216422

Ion Ratio Lower Upper

106 100

91 205.4 163.3 244.9





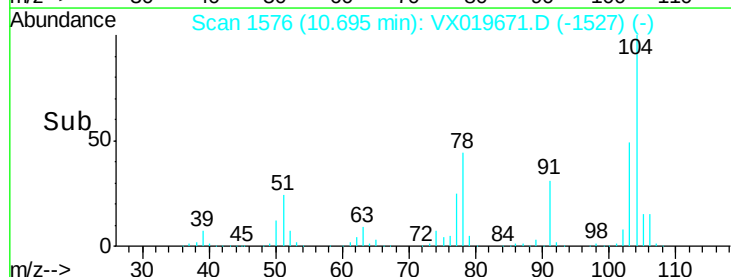
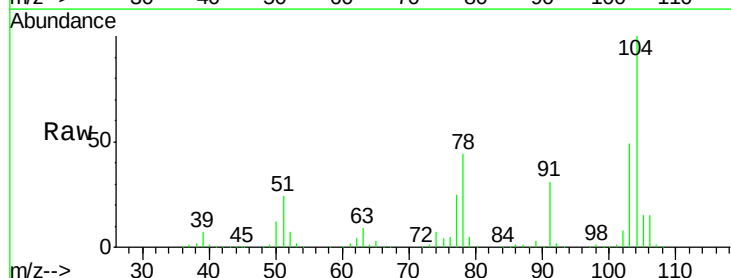
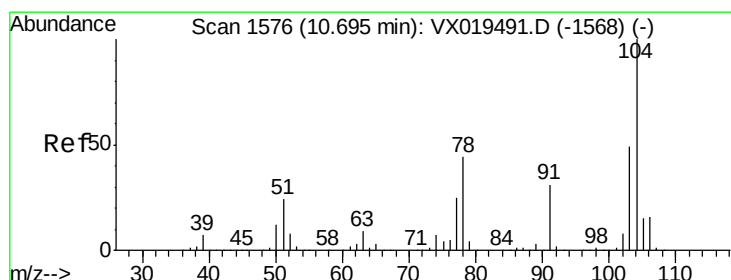
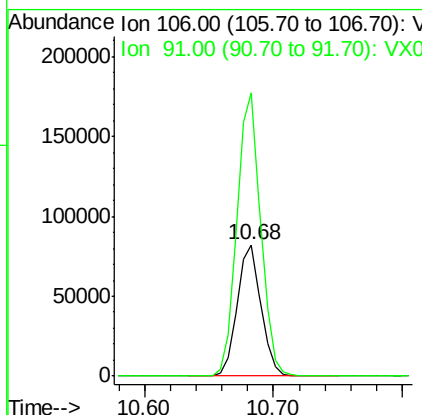
#69
o-Xylene
Concen: 18.897 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019671.D
Acq: 30 Nov 2020 11:36

Tot Ion:106 Resp: 105388
Ion Ratio Lower Upper
106 100
91 216.2 108.0 324.0

Instrument :
MSVOA_X
ClientSampled :
VX1130WBS01

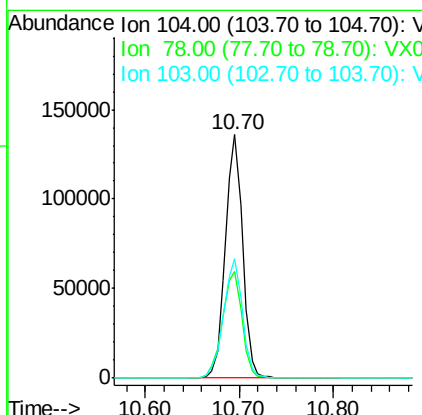
Manual Integrations
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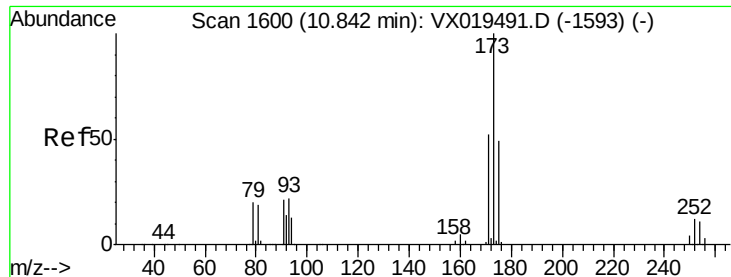
MMDadoda
12/1/2020 9:35:54 AM



#70
Styrene
Concen: 17.871 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019671.D
Acq: 30 Nov 2020 11:36

Tgt Ion:104 Resp: 173198
Ion Ratio Lower Upper
104 100
78 49.8 39.5 59.3
103 53.6 43.6 65.4





#71

Bromoform

Concen: 18.354 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019671.D

Acq: 30 Nov 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBS01

Tot Ion:173 Resp: 43784

Ion Ratio Lower Upper

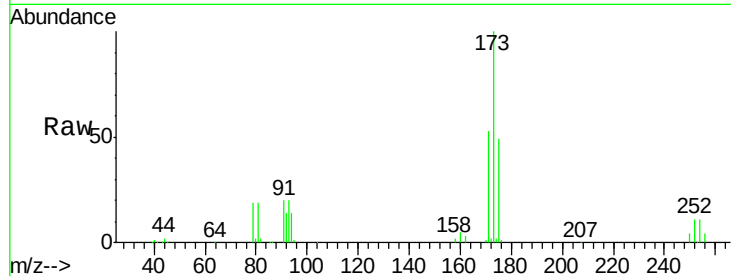
173 100

175 49.2 24.9 74.8

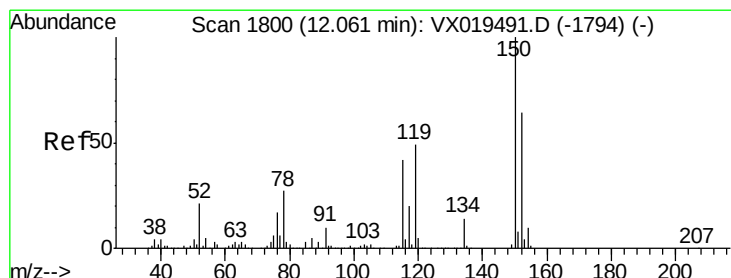
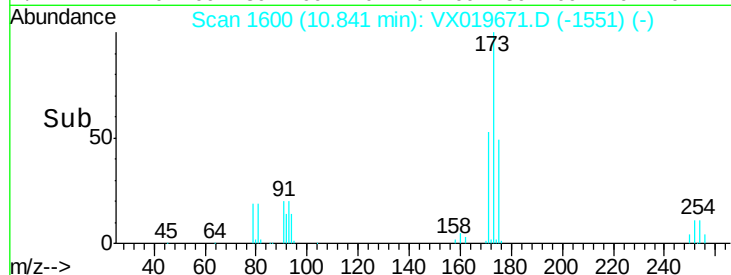
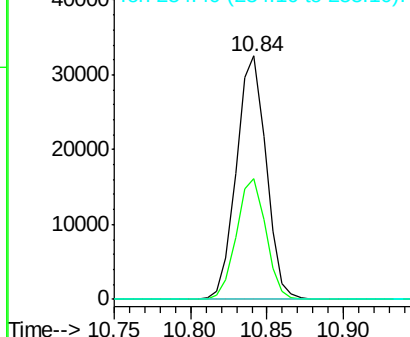
254 0.0 0.1 0.1#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019671.D

Acq: 30 Nov 2020 11:36

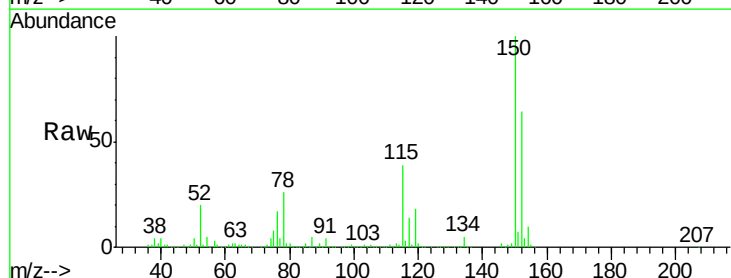
Tgt Ion:152 Resp: 203467

Ion Ratio Lower Upper

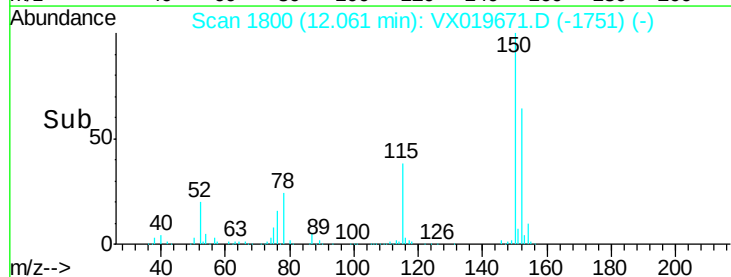
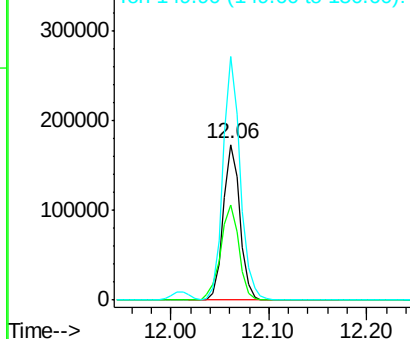
152 100

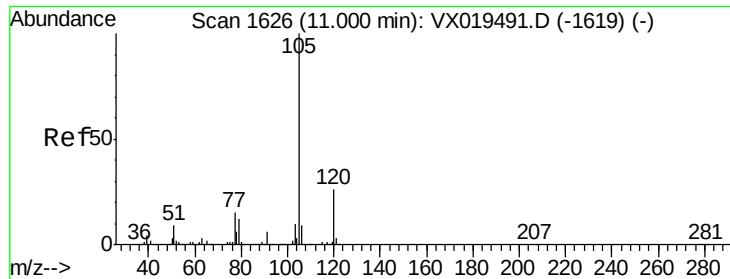
115 68.2 41.8 125.4

150 162.1 0.0 348.2



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: 19.744 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019671.D

Acq: 30 Nov 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VX1130WBS01

Tot Ion: 105 Resp: 277899

Ion Ratio Lower Upper

105 100

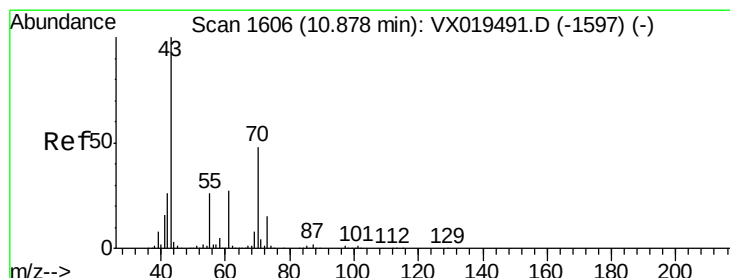
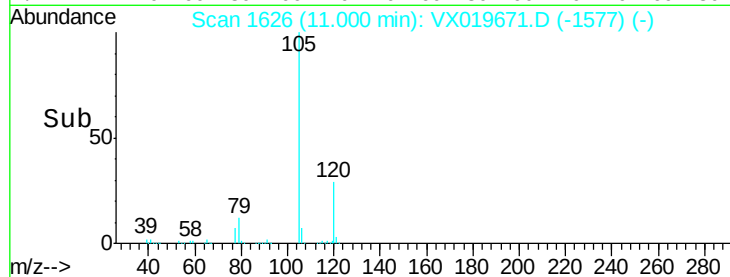
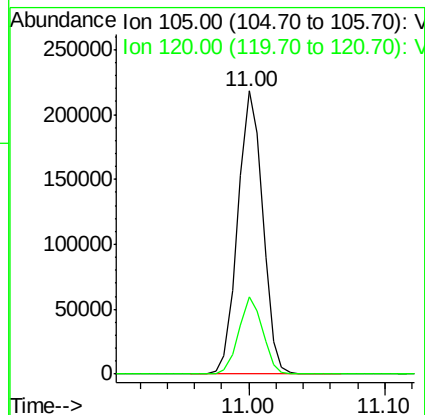
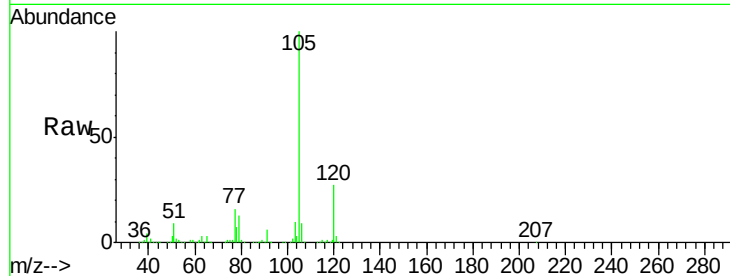
120 26.3 13.0 39.0

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.715 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019671.D

Acq: 30 Nov 2020 11:36

Tgt Ion: 43 Resp: 103984

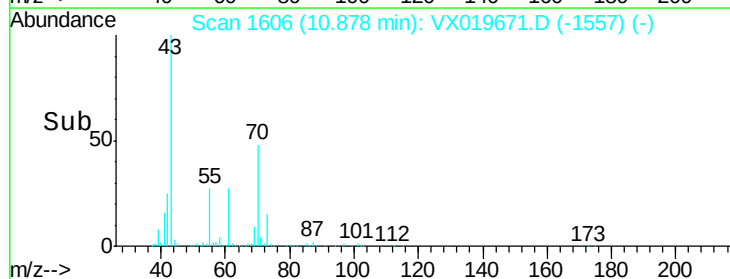
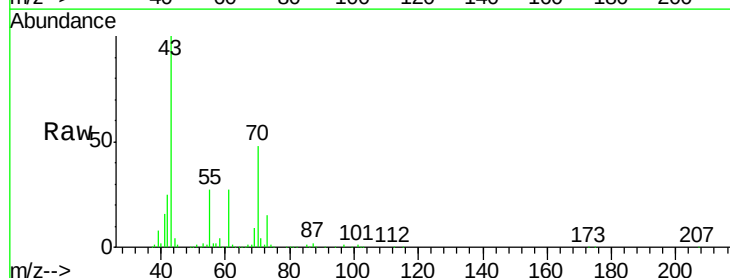
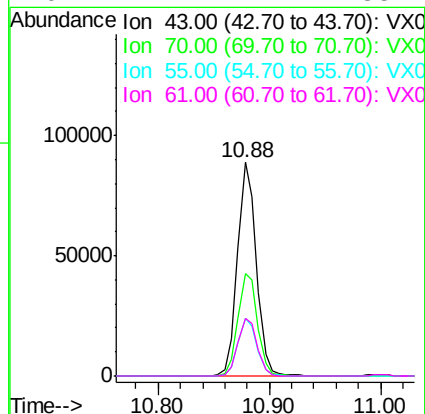
Ion Ratio Lower Upper

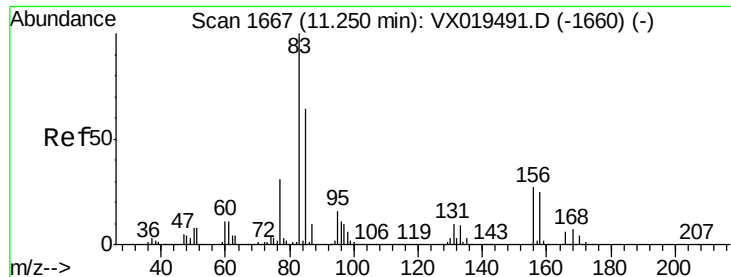
43 100

70 50.1 39.7 59.5

55 27.5 21.8 32.6

61 27.7 22.2 33.4





#75

1,1,2,2-Tetrachloroethane

Concen: 18.774 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019671.D

Acq: 30 Nov 2020 11:36

Instrument :

MSVOA_X

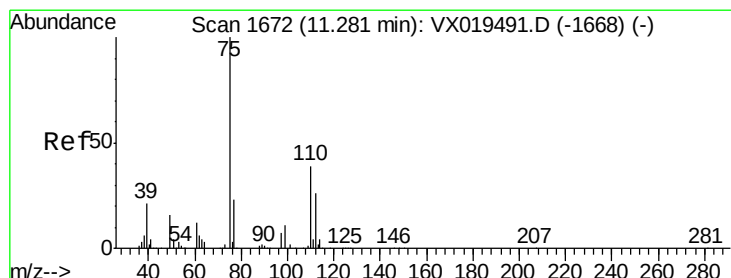
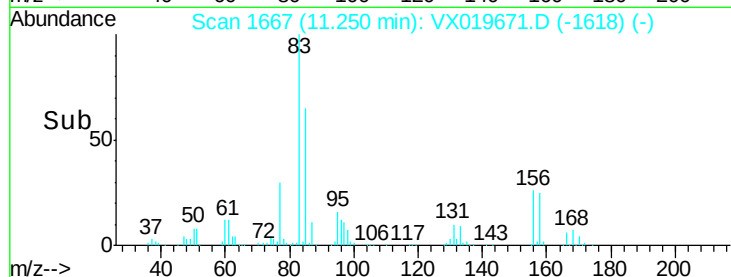
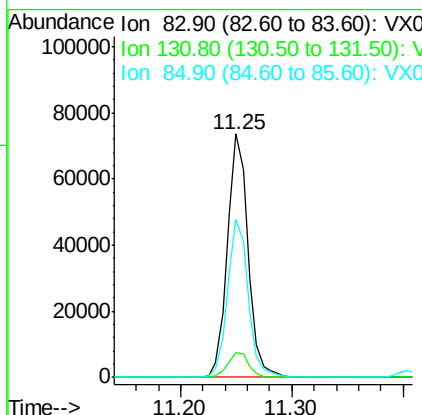
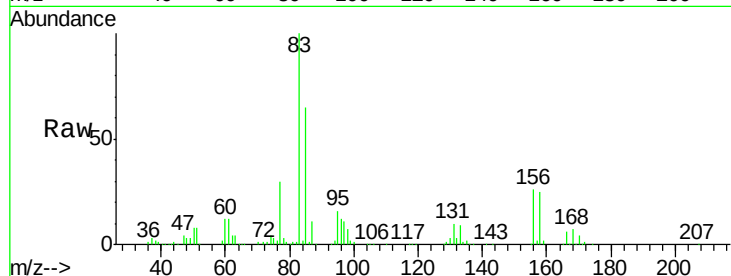
ClientSampleId :

VX1130WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.0	15.0
85	64.9	32.4	97.2

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.960 ug/l m

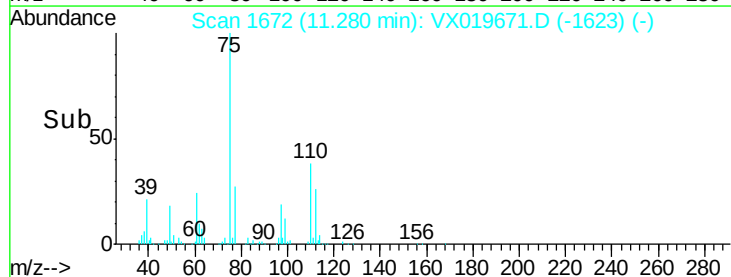
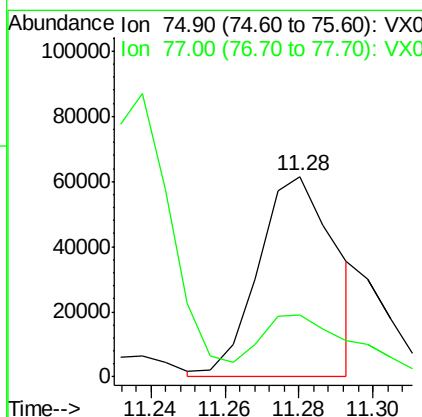
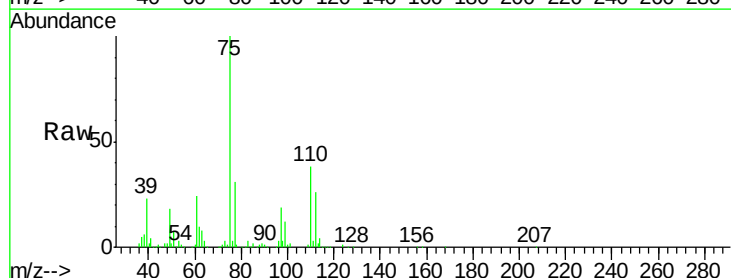
RT: 11.28 min Scan# 1672

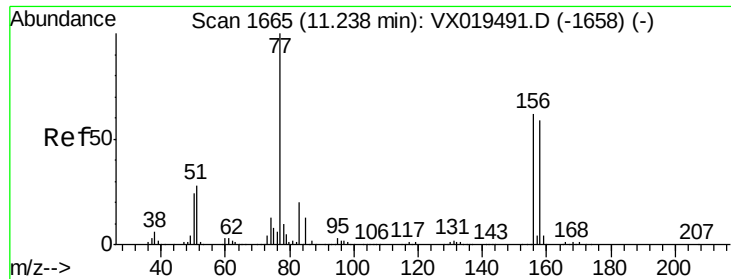
Delta R.T. -0.00 min

Lab File: VX019671.D

Acq: 30 Nov 2020 11:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	38.0	20.0	60.0





#77

Bromobenzene

Concen: 19.303 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019671.D

Acq: 30 Nov 2020 11:36

Instrument :

MSVOA_X

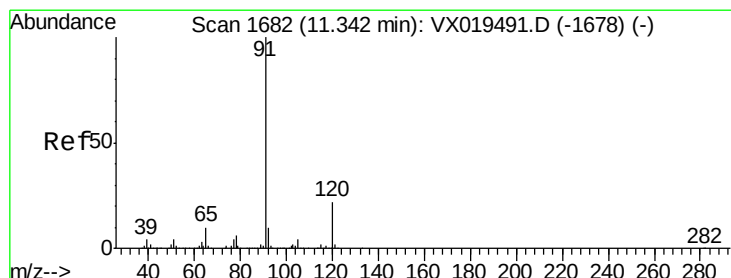
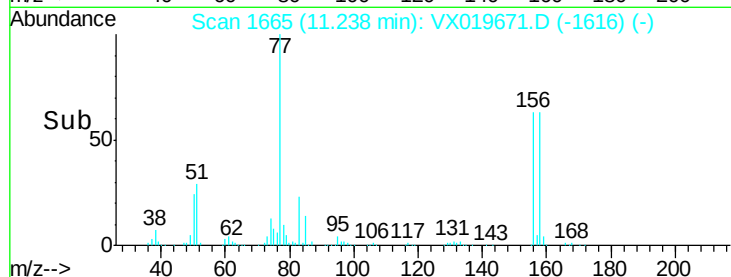
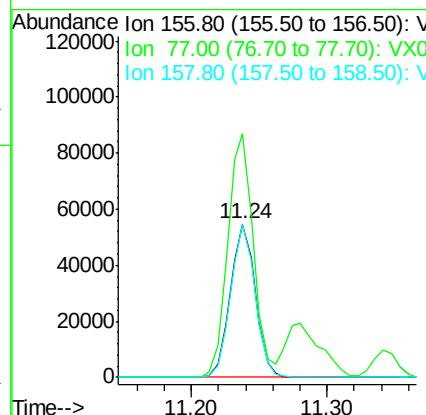
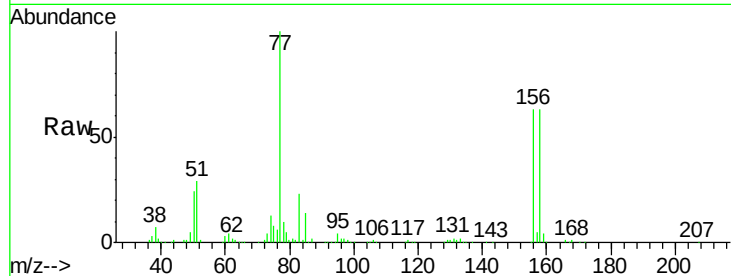
ClientSampleId :

VX1130WBS01

Tot Ion:	156	Resp:	69358
Ion Ratio	Lower	Upper	
156	100		
77	163.0	82.5	247.3
158	97.9	48.9	146.7

Manual Integrations
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12/1/2020 9:35:54 AM



#78

n-propylbenzene

Concen: 19.099 ug/l

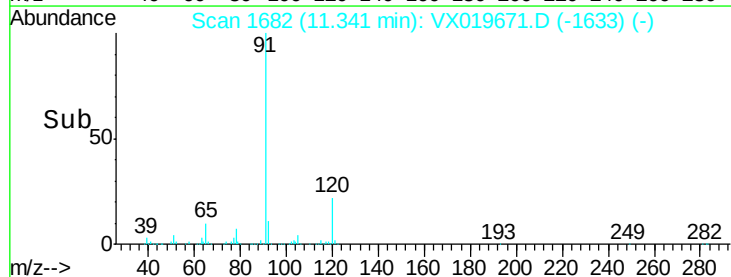
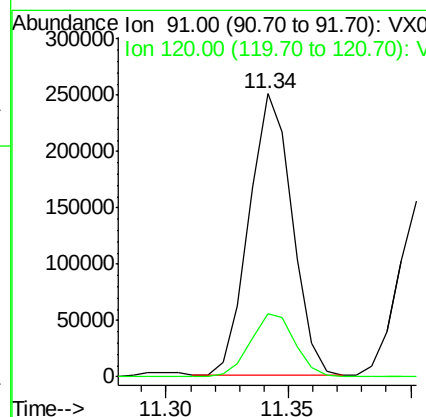
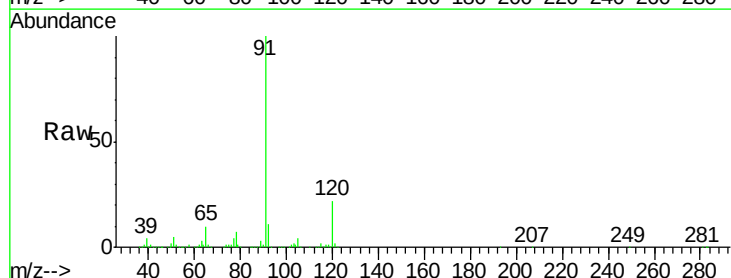
RT: 11.34 min Scan# 1682

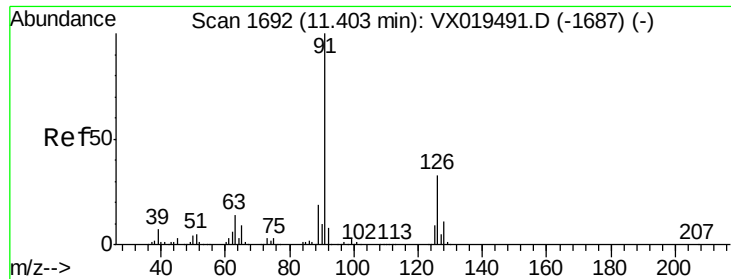
Delta R.T. -0.00 min

Lab File: VX019671.D

Acq: 30 Nov 2020 11:36

Tgt Ion:	91	Resp:	308393
Ion Ratio	Lower	Upper	
91	100		
120	23.1	11.5	34.4





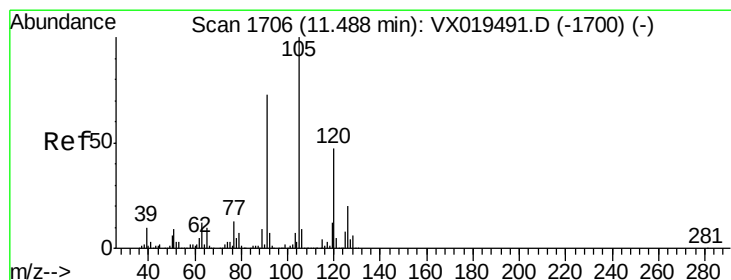
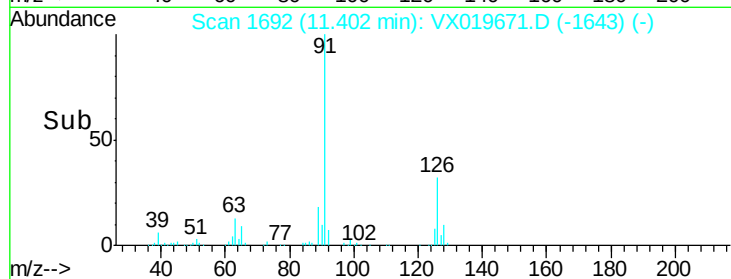
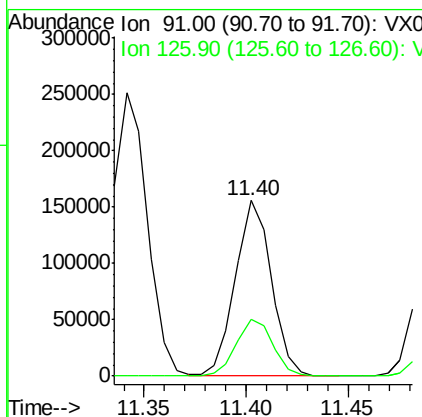
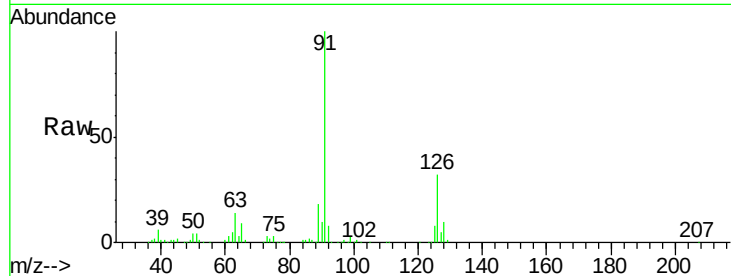
#79
2-Chlorotoluene
Concen: 19.461 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.00 min
Lab File: VX019671.D
Acq: 30 Nov 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

Tot Ion: 91 Resp: 190578
Ion Ratio Lower Upper
91 100
126 33.4 16.7 50.0

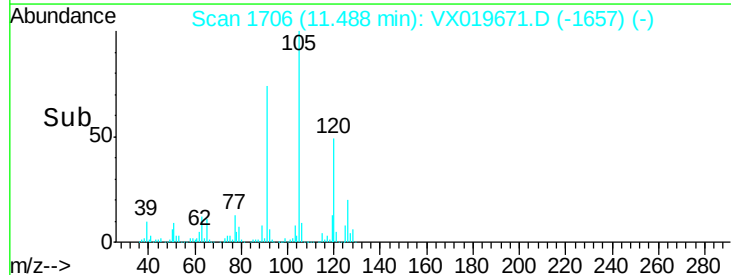
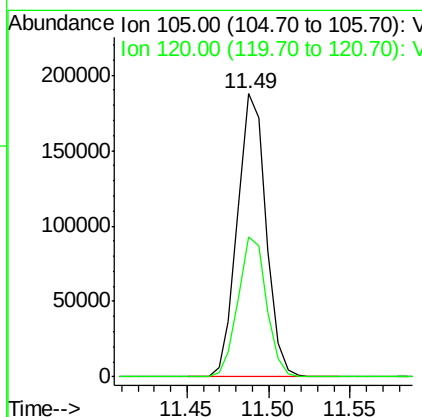
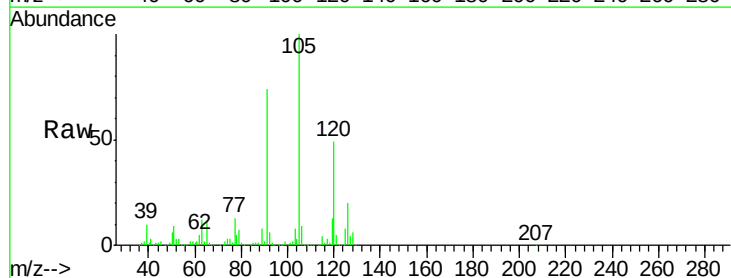
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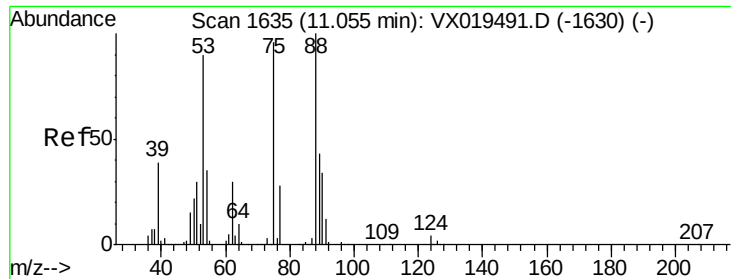
MMDadoda
12/1/2020 9:35:54 AM



#80
1,3,5-Trimethylbenzene
Concen: 19.419 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. -0.00 min
Lab File: VX019671.D
Acq: 30 Nov 2020 11:36

Tgt Ion: 105 Resp: 229286
Ion Ratio Lower Upper
105 100
120 49.2 24.1 72.3





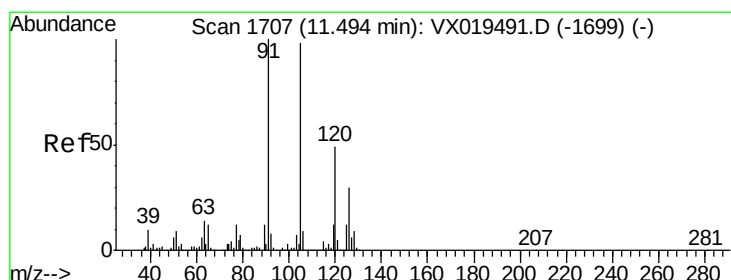
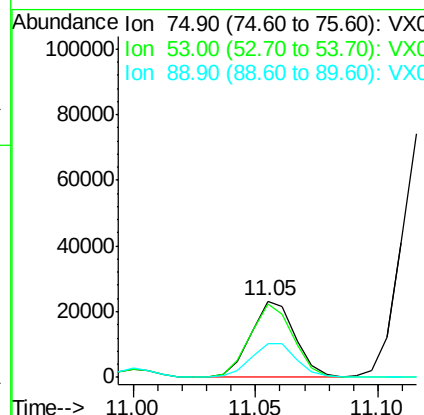
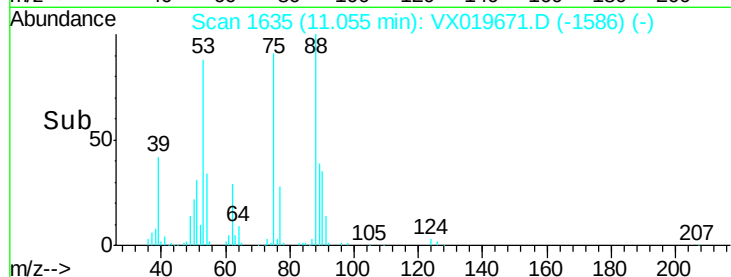
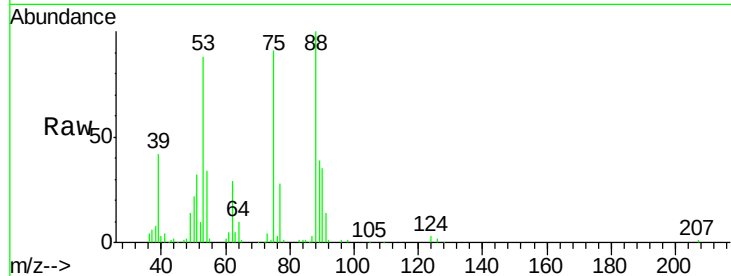
#81
trans-1,4-Dichloro-2-butene
Concen: 20.314 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019671.D
Acq: 30 Nov 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.9	73.9	110.9
89	46.9	37.3	55.9

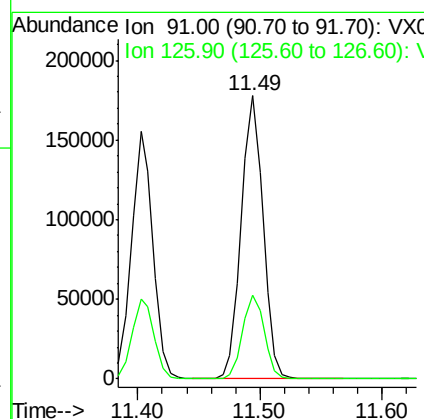
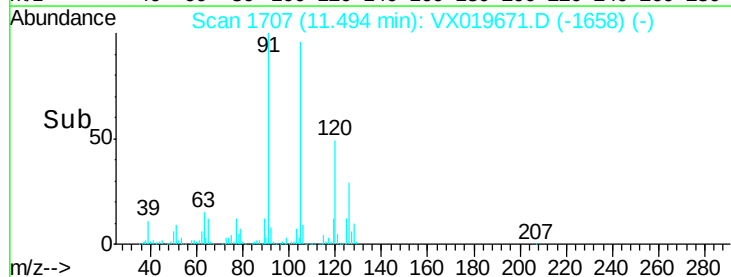
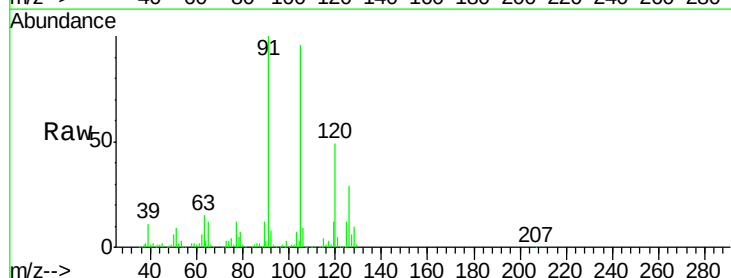
Manual Integrations
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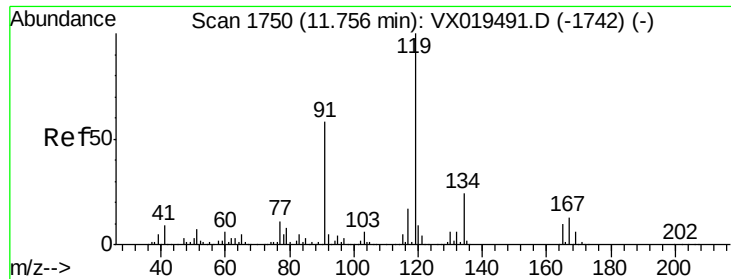
MMDadoda
12/1/2020 9:35:54 AM



#82
4-Chlorotoluene
Concen: 18.930 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019671.D
Acq: 30 Nov 2020 11:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.4	14.9	44.7





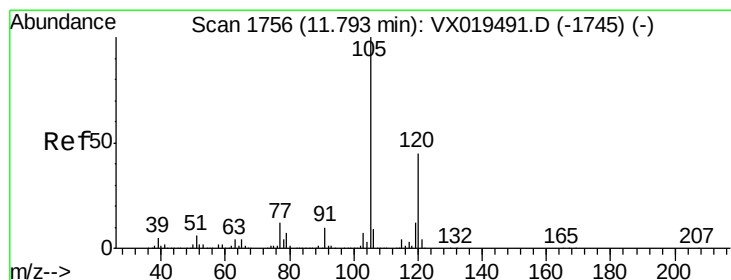
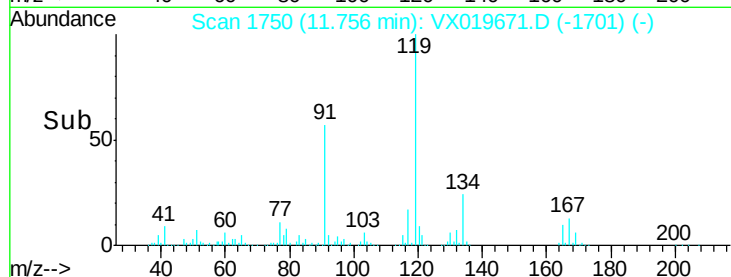
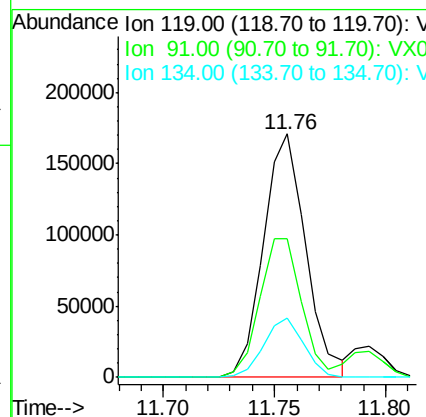
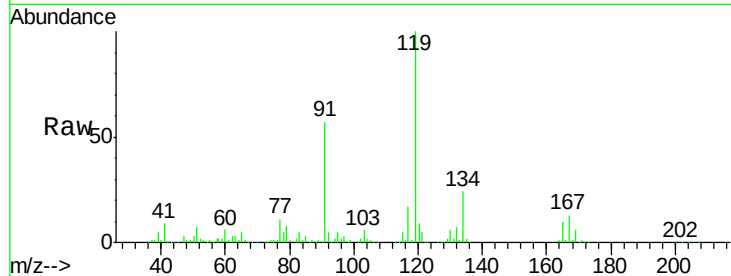
#83
 tert-Butylbenzene
 Concen: 19.772 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019671.D
 Acq: 30 Nov 2020 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	225857		
91	56.6		28.9	86.8
134	23.0		11.7	35.0

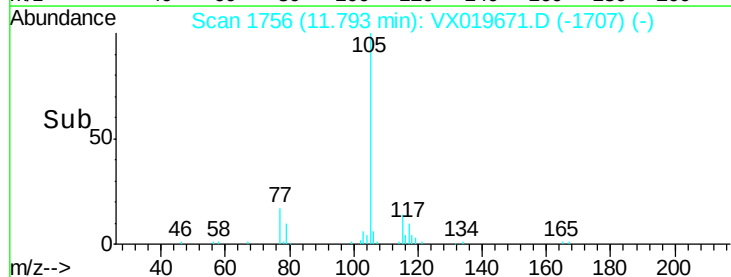
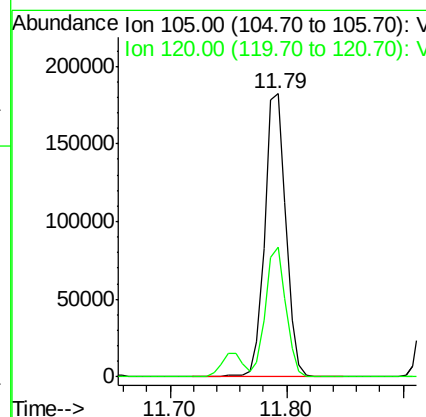
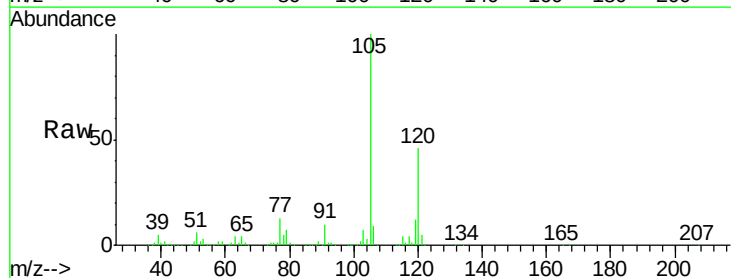
Manual Integrations
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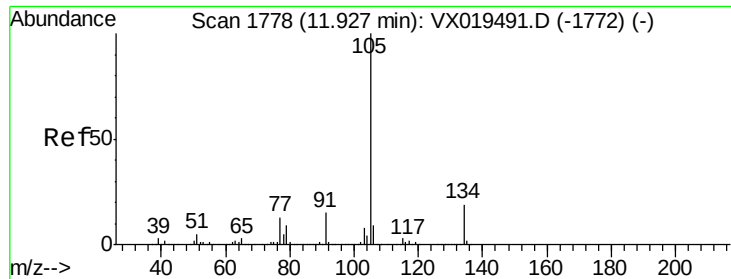
MMDadoda
 12/1/2020 9:35:54 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.331 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019671.D
 Acq: 30 Nov 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	230948		
120	44.2		22.2	66.6





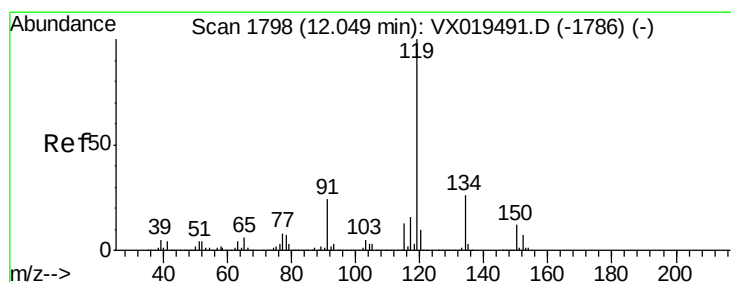
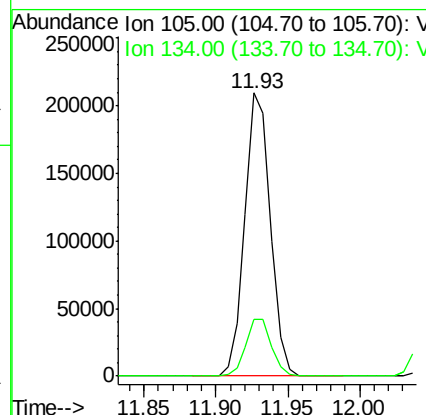
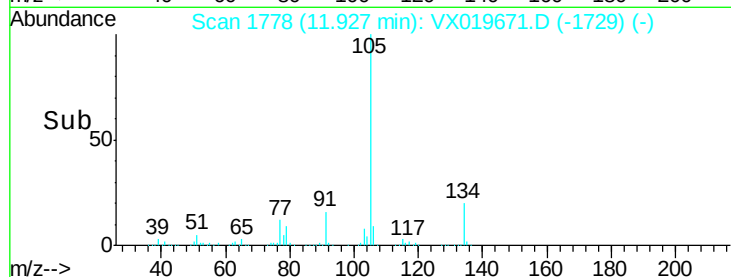
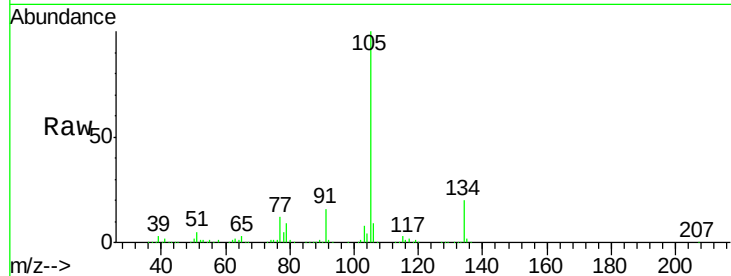
#85
 sec-Butylbenzene
 Concen: 18.966 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019671.D
 Acq: 30 Nov 2020 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.0	10.1	30.3

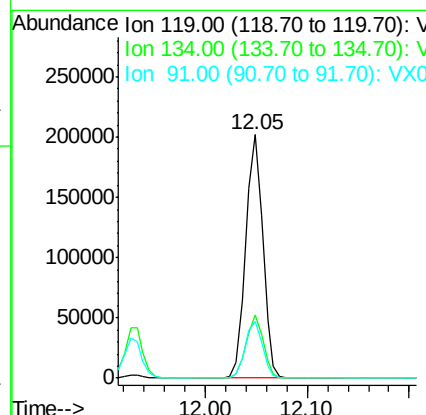
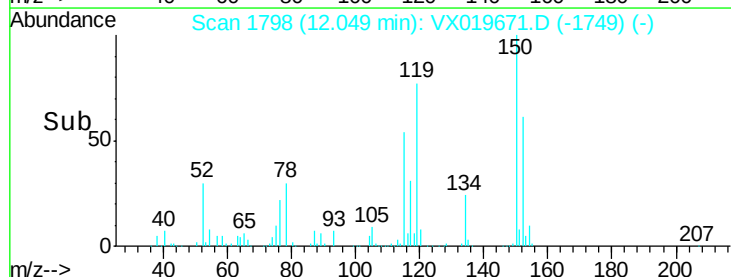
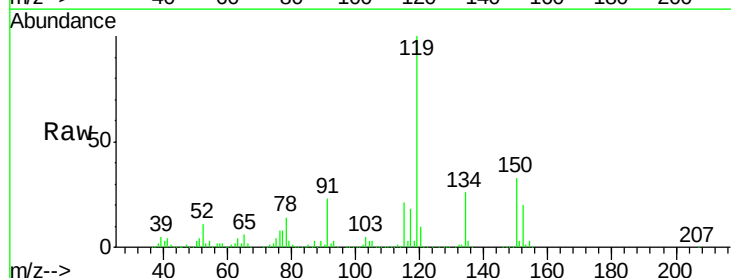
Manual Integrations
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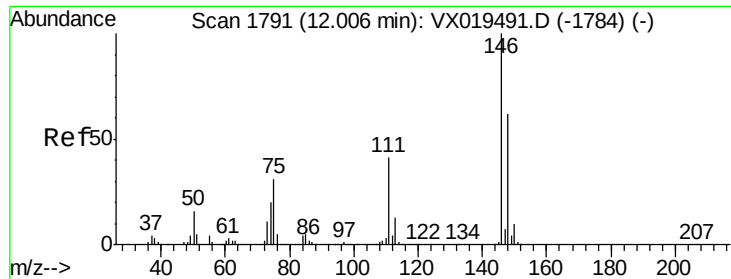
MMDadoda
 12/1/2020 9:35:54 AM



#86
 p-Isopropyltoluene
 Concen: 18.847 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019671.D
 Acq: 30 Nov 2020 11:36

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	13.1	39.3
91	23.9	11.8	35.4





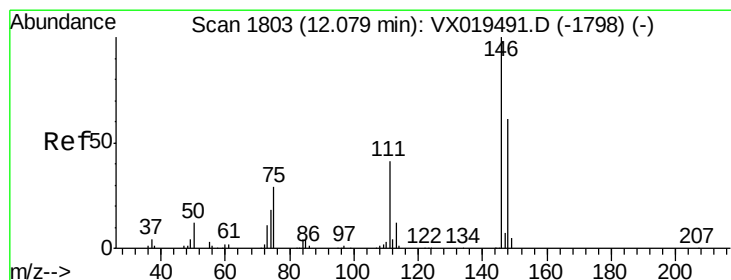
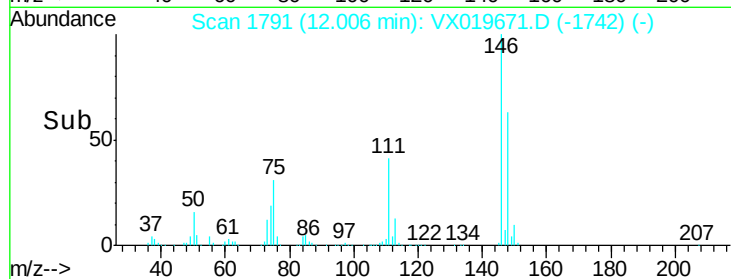
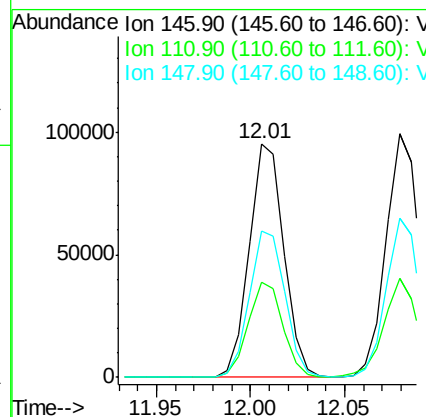
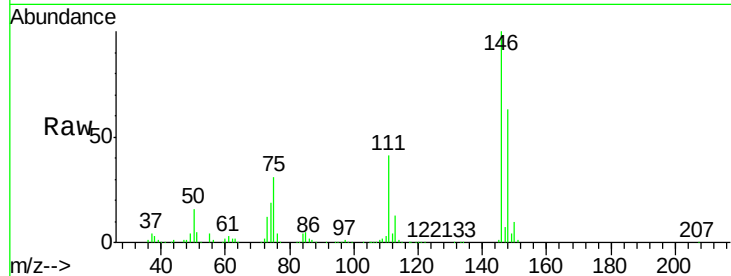
#87
 1,3-Dichlorobenzene
 Concen: 18.460 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019671.D
 Acq: 30 Nov 2020 11:36

Instrument :
 MSVOA_X
 ClientSampled :
 VX1130WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	121817		
111	40.7	20.2	60.6	
148	64.3	31.4	94.2	

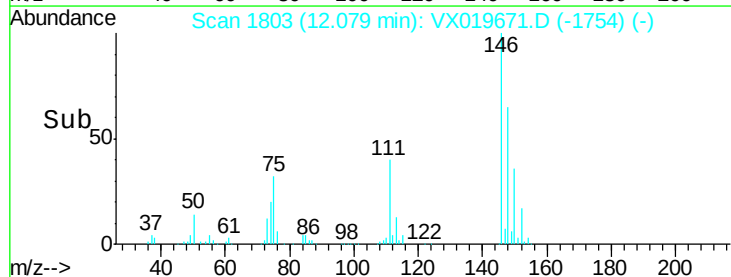
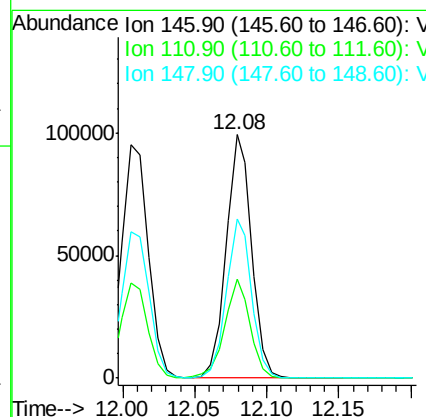
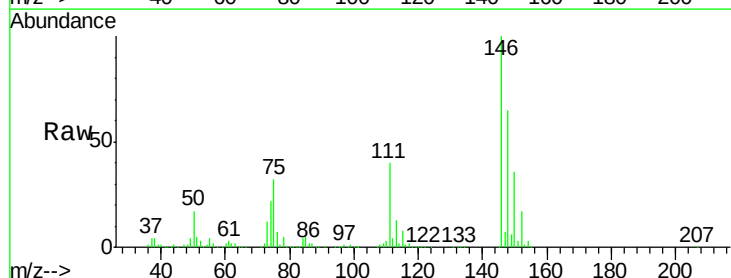
Manual Integrations
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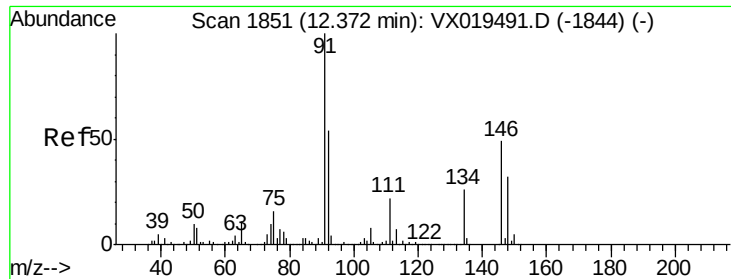
MMDadoda
 12/1/2020 9:35:54 AM



#88
 1,4-Dichlorobenzene
 Concen: 18.048 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019671.D
 Acq: 30 Nov 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	122678		
111	40.9	19.9	59.6	
148	65.2	31.7	95.1	





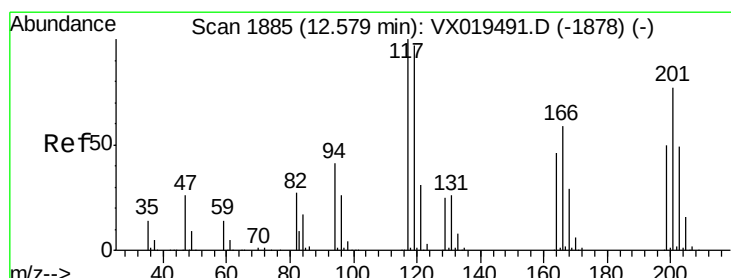
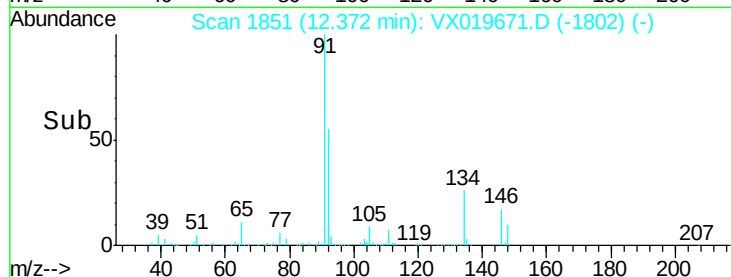
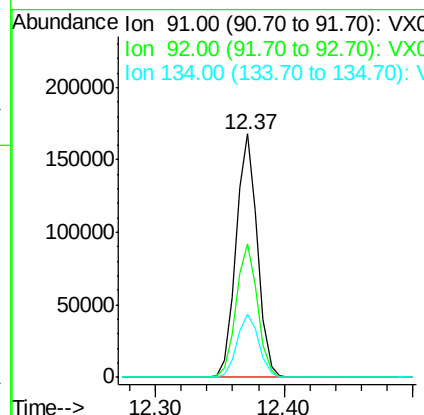
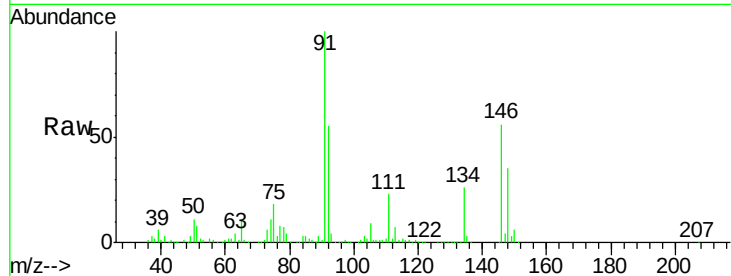
#89
n-Butylbenzene
Concen: 17.453 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019671.D
Acq: 30 Nov 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	194686		
92	54.7	26.9	80.6	
134	26.3	12.9	38.6	

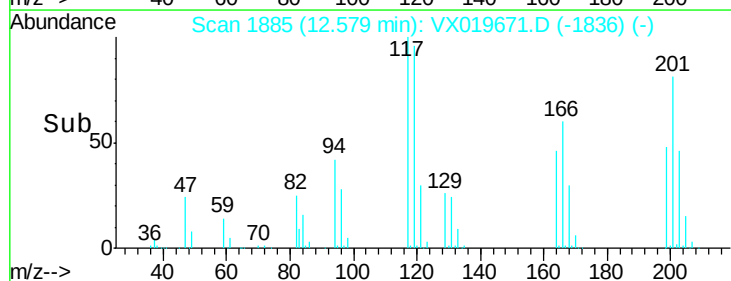
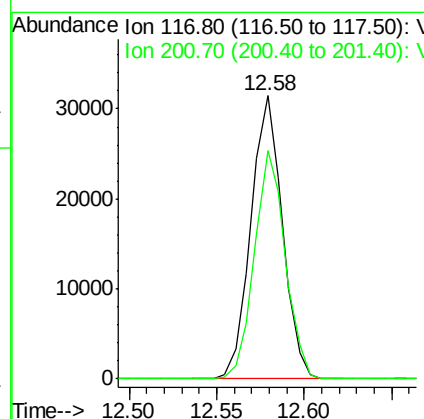
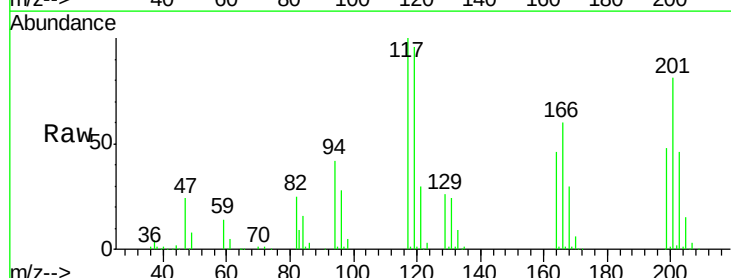
Manual Integrations
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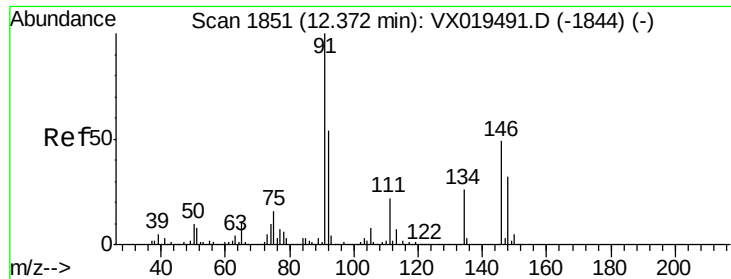
MMDadoda
12/1/2020 9:35:54 AM



#90
Hexachloroethane
Concen: 19.038 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019671.D
Acq: 30 Nov 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	39306		
201	78.9	39.4	118.2	





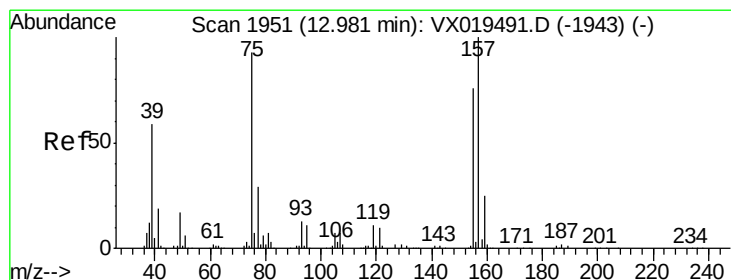
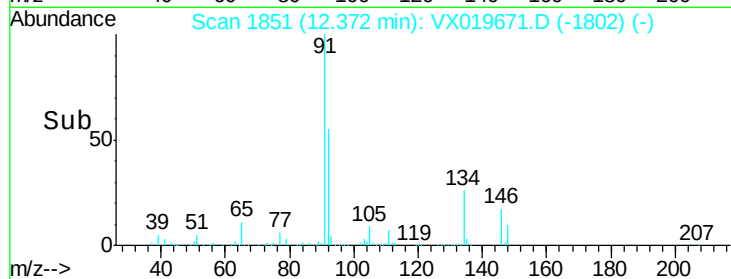
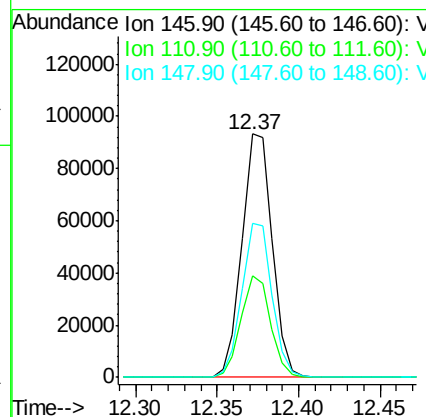
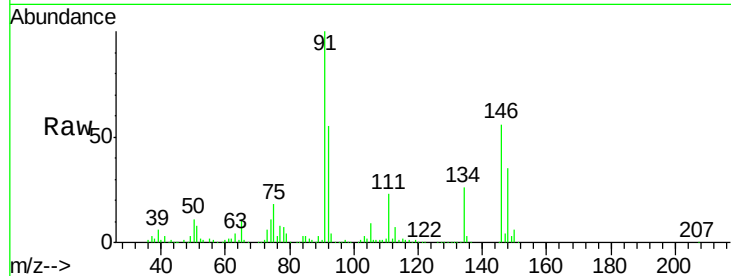
#91
 1,2-Dichlorobenzene
 Concen: 18.244 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019671.D
 Acq: 30 Nov 2020 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	120917		
111	40.9	21.1	63.3	
148	63.2	32.4	97.0	

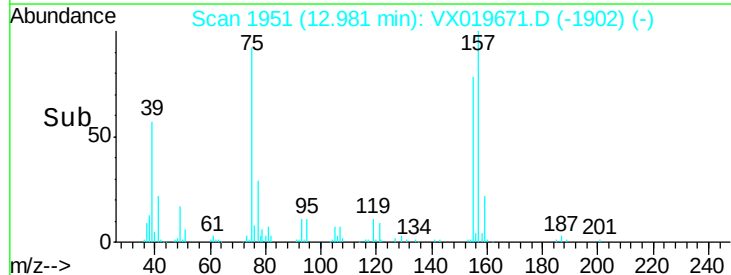
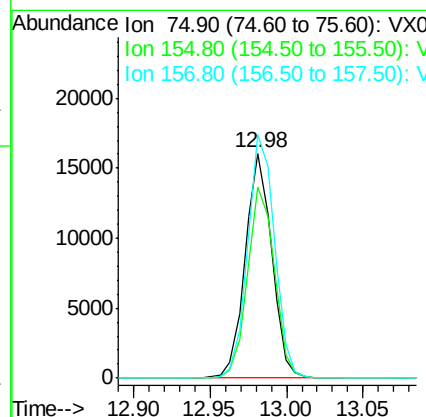
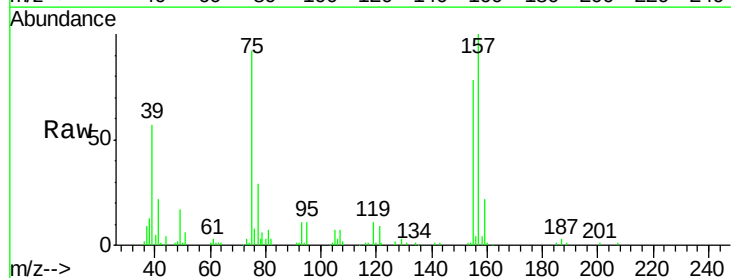
Manual Integrations
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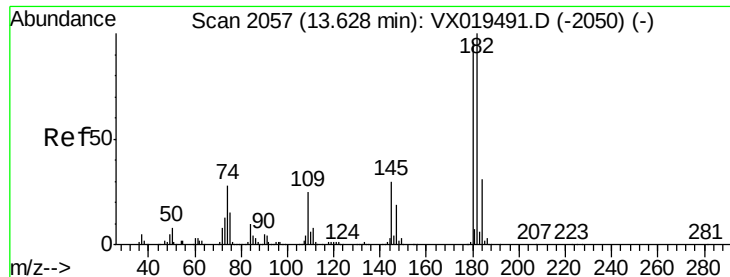
MMDadoda
 12/1/2020 9:35:54 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.790 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019671.D
 Acq: 30 Nov 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	19295		
155	86.2	43.6	130.9	
157	110.0	57.0	170.8	





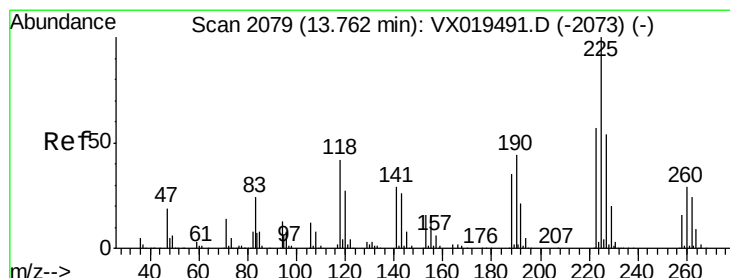
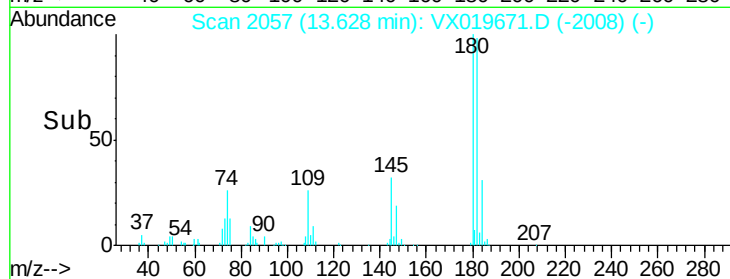
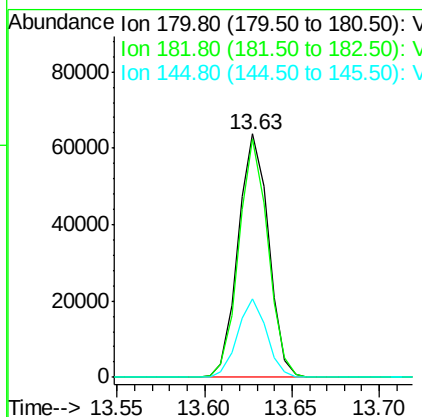
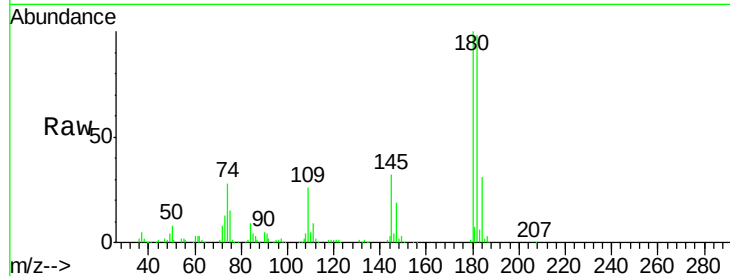
#93
 1,2,4-Trichlorobenzene
 Concen: 18.101 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019671.D
 Acq: 30 Nov 2020 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1130WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	77022		
182	94.1		48.6	145.9
145	30.9		15.9	47.7

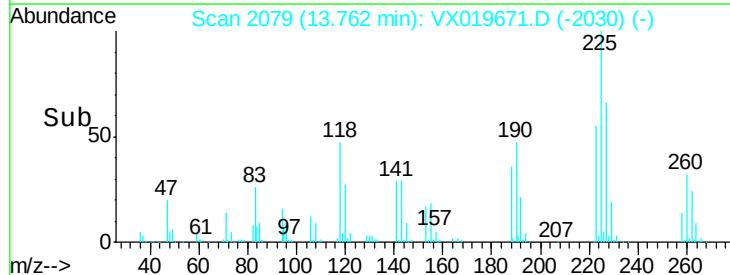
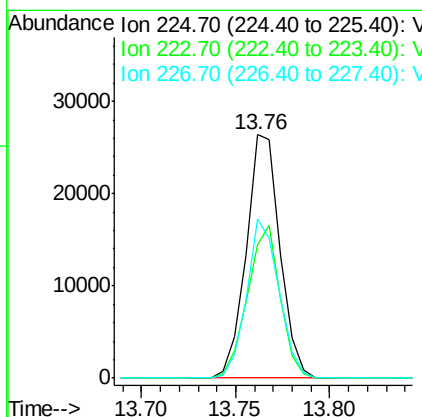
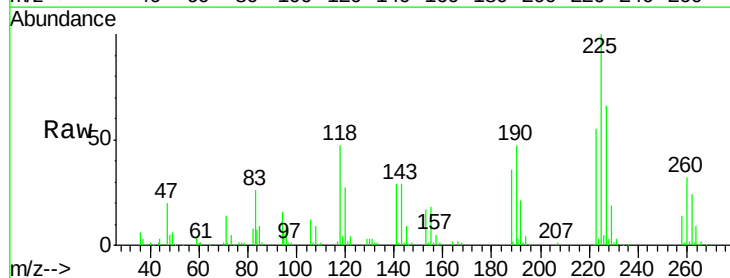
Manual Integrations
 APPROVED

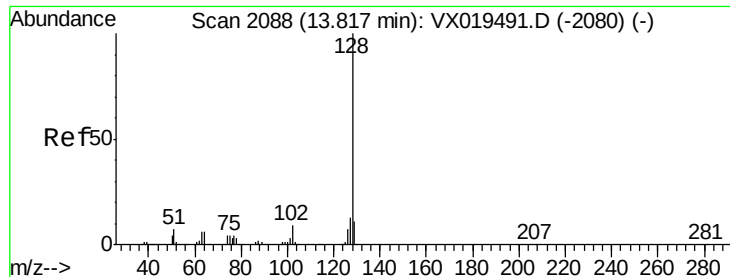
MMDadoda
 12/1/2020 9:35:54 AM



#94
 Hexachlorobutadiene
 Concen: 16.878 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019671.D
 Acq: 30 Nov 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	32716		
223	60.4		32.5	97.5
227	62.9		32.8	98.3





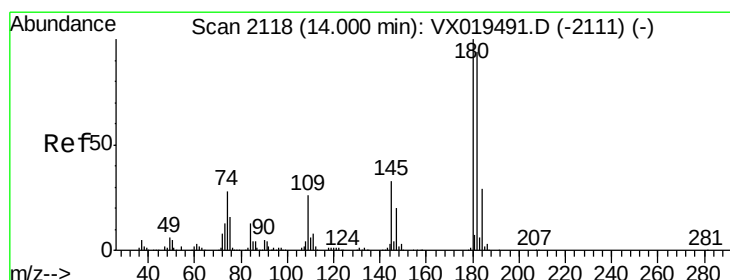
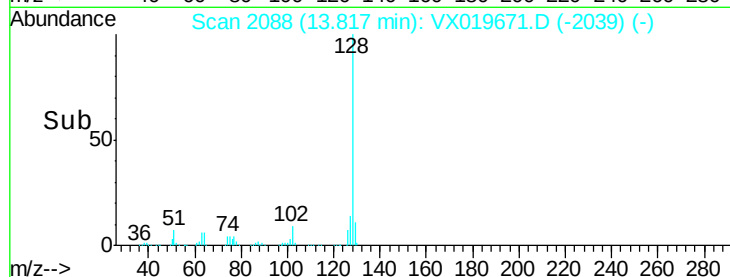
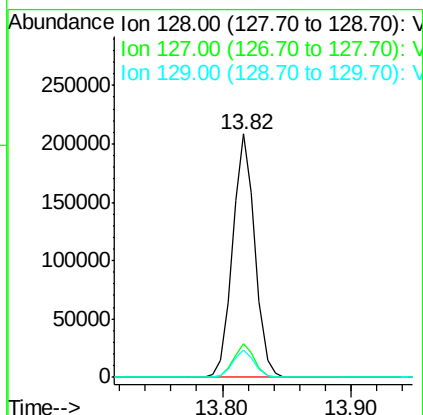
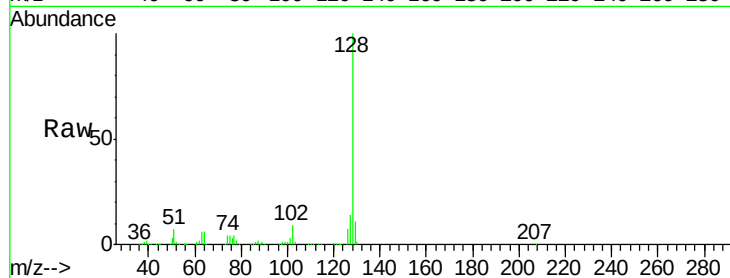
#95
Naphthalene
Concen: 18.114 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019671.D
Acq: 30 Nov 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VX1130WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	250053		
127	13.1		10.3	15.5
129	10.9		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
12/1/2020 9:35:54 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.078 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019671.D
Acq: 30 Nov 2020 11:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	76942		
182	96.5		48.1	144.3
145	32.2		16.6	49.8

