

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051920\
 Data File : VX016324.D
 Acq On : 19 May 2020 11:06
 Operator : JC/SP
 Sample : VX0519WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0519WBS01

Manual Integrations
 APPROVED

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 5/21/2020 1:11:54 PM

Quant Time: May 20 04:13:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	253697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	401931	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	369209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	182720	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	142033	42.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.10%	
35) Dibromofluoromethane	5.46	113	116598	45.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.58%	
50) Toluene-d8	8.70	98	462144	47.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.20%	
62) 4-Bromofluorobenzene	11.12	95	174947	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	50759	18.902	ug/l	99
3) Chloromethane	1.31	50	54099	17.347	ug/l	99
4) Vinyl Chloride	1.39	62	60538	18.195	ug/l	100
5) Bromomethane	1.63	94	32812	19.561	ug/l	99
6) Chloroethane	1.71	64	35563	17.567	ug/l	97
7) Trichlorofluoromethane	1.92	101	79509	18.202	ug/l	98
8) Diethyl Ether	2.17	74	33302	18.094	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.37	101	47092	18.686	ug/l	99
10) Methyl Iodide	2.49	142	34163	10.092	ug/l	100
11) Tert butyl alcohol	3.01	59	69505	82.333	ug/l	99
12) 1,1-Dichloroethene	2.36	96	46662	17.694	ug/l	96
13) Acrolein	2.27	56	60032	113.639	ug/l	99
14) Allyl chloride	2.70	41	81369	16.828	ug/l	94
15) Acrylonitrile	3.11	53	155808	88.968	ug/l	98
16) Acetone	2.42	43	121000	81.232	ug/l	94
17) Carbon Disulfide	2.55	76	128203	16.047	ug/l	98
18) Methyl Acetate	2.75	43	66893	18.264	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	172807	19.008	ug/l	99
20) Methylene Chloride	2.83	84	55157	17.962	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	51451	17.507	ug/l	98
22) Diisopropyl ether	3.82	45	166774	18.282	ug/l	89
23) Vinyl Acetate	3.78	43	711061	88.598	ug/l	99
24) 1,1-Dichloroethane	3.67	63	94551	18.528	ug/l	97
25) 2-Butanone	4.63	43	206932	86.211	ug/l	97
26) 2,2-Dichloropropane	4.55	77	87237	18.719	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	61027	18.995	ug/l	98
28) Bromochloromethane	4.98	49	41897	18.005	ug/l	93
29) Tetrahydrofuran	5.09	42	135440	85.159	ug/l	96
30) Chloroform	5.17	83	97252	19.141	ug/l	99
31) Cyclohexane	5.55	56	80510	17.360	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	87245	18.891	ug/l	98
36) 1,1-Dichloropropene	5.77	75	72848	18.412	ug/l	99
37) Ethyl Acetate	4.79	43	80295	17.510	ug/l	97
38) Carbon Tetrachloride	5.75	117	76564	19.039	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	74228	15.579	ug/l	99
40) Benzene	6.11	78	223591	19.314	ug/l	100
41) Methacrylonitrile	5.00	41	44352	17.909	ug/l	96
42) 1,2-Dichloroethane	6.16	62	76662	18.383	ug/l	98
43) Isopropyl Acetate	6.41	43	130054	17.775	ug/l	97
44) Trichloroethene	7.19	130	74294	18.065	ug/l	95
45) 1,2-Dichloropropane	7.49	63	57122	19.501	ug/l	100
46) Dibromomethane	7.63	93	38059	19.119	ug/l	99
47) Bromodichloromethane	7.87	83	79041	19.496	ug/l	98
48) Methyl methacrylate	7.74	41	59477	17.156	ug/l	92
49) 1,4-Dioxane	7.71	88	29168	350.795	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	404099	90.255	ug/l	97
52) Toluene	8.76	92	143665	19.910	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	89981	18.615	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	96758	19.164	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	57804	20.361	ug/l	98
56) Ethyl methacrylate	9.16	69	88080	19.007	ug/l	92
57) 1,3-Dichloropropane	9.35	76	96687	19.518	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	212072	85.962	ug/l	98
59) 2-Hexanone	9.47	43	307058	87.329	ug/l	95
60) Dibromochloromethane	9.57	129	61866	19.787	ug/l	99
61) 1,2-Dibromoethane	9.65	107	59634	19.393	ug/l	100
64) Tetrachloroethene	9.32	164	84254	18.589	ug/l	98
65) Chlorobenzene	10.12	112	153070	19.800	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	57671	20.183	ug/l	98
67) Ethyl Benzene	10.23	91	268166	19.441	ug/l	98
68) m/p-Xylenes	10.34	106	202886	39.258	ug/l	100
69) o-Xylene	10.68	106	96130	19.351	ug/l	100
70) Styrene	10.70	104	165104	19.591	ug/l	100
71) Bromoform	10.84	173	44892	19.284	ug/l #	98
73) Isopropylbenzene	11.00	105	254168	19.125	ug/l	99
74) N-amyl acetate	10.88	43	109204	17.616	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	57347	24.207	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	79705m	19.223	ug/l	
77) Bromobenzene	11.24	156	65309	19.039	ug/l	98
78) n-propylbenzene	11.34	91	281205	18.188	ug/l	99
79) 2-Chlorotoluene	11.40	91	175668	19.249	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	211556	18.853	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	31317	17.999	ug/l	96
82) 4-Chlorotoluene	11.49	91	205832	19.099	ug/l	99
83) tert-Butylbenzene	11.76	119	175152	18.112	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	213804	18.846	ug/l	100
85) sec-Butylbenzene	11.93	105	215224	16.484	ug/l	100
86) p-Isopropyltoluene	12.05	119	203758	16.808	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	115713	18.787	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	118256	18.916	ug/l	99
89) n-Butylbenzene	12.37	91	165105	14.908	ug/l	100
90) Hexachloroethane	12.58	117	34648	16.642	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	113382	19.117	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19632	17.965	ug/l	99

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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	70942	16.156	ug/l	98
94) Hexachlorobutadiene	13.77	225	25003	13.609	ug/l	95
95) Naphthalene	13.82	128	253776	17.849	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	71276	16.609	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0519WBS01

Tot Ion:168 Resp: 253697

Ion Ratio Lower Upper

168 100

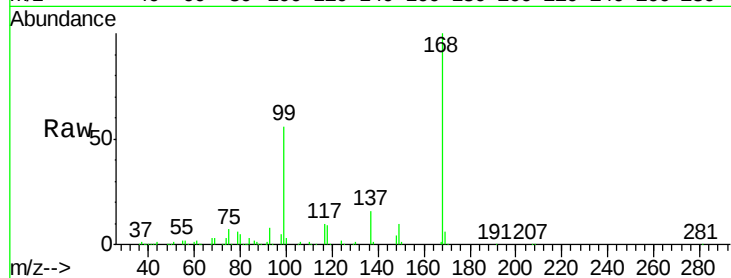
99 56.1 45.0 67.4

Manual Integrations

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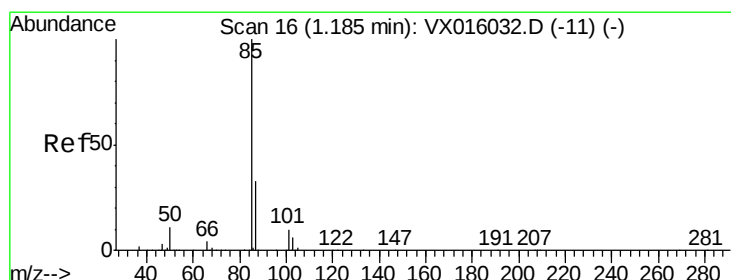
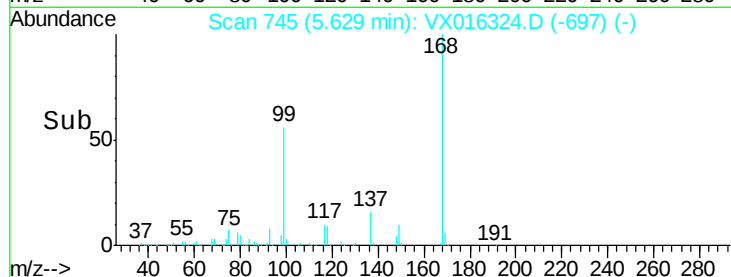
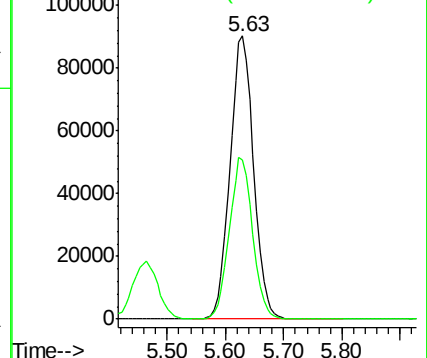
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.902 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016324.D

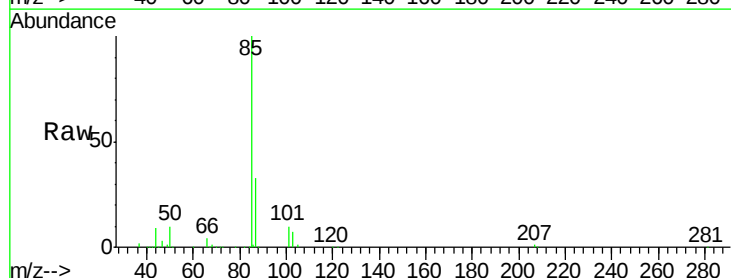
Acq: 19 May 2020 11:06

Tgt Ion: 85 Resp: 50759

Ion Ratio Lower Upper

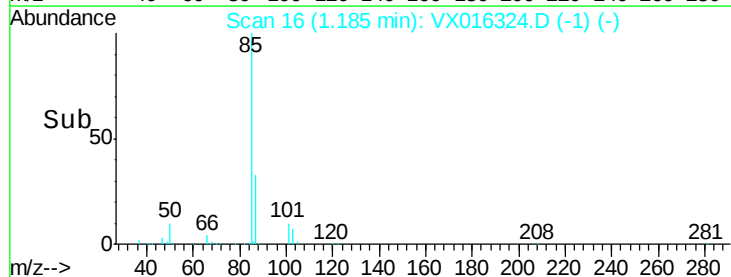
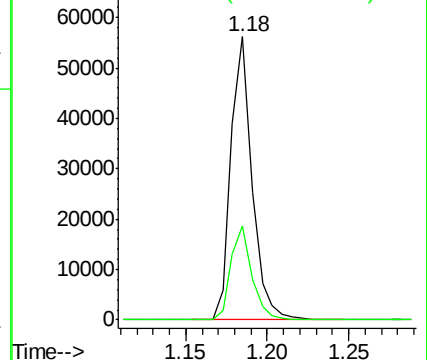
85 100

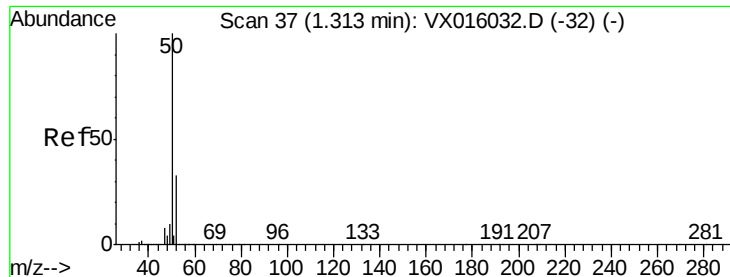
87 33.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.347 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0519WBS01

Tot Ion: 50 Resp: 54099

Ion Ratio Lower Upper

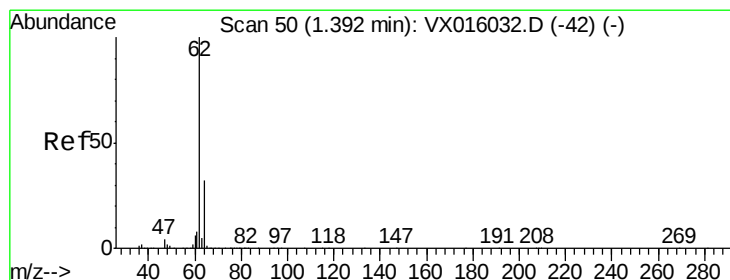
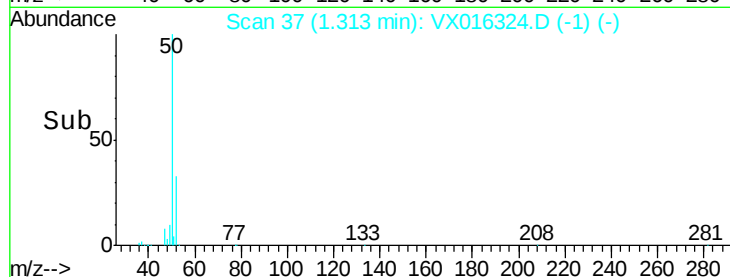
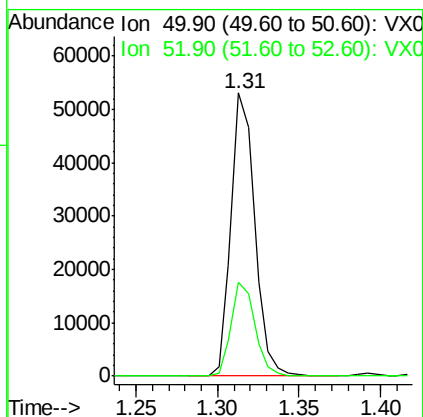
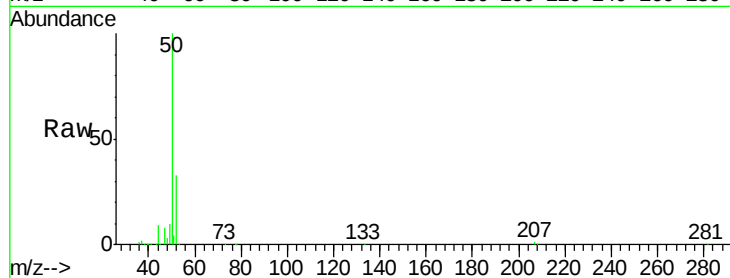
50 100

52 33.3 26.1 39.1

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#4

Vinyl Chloride

Concen: 18.195 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016324.D

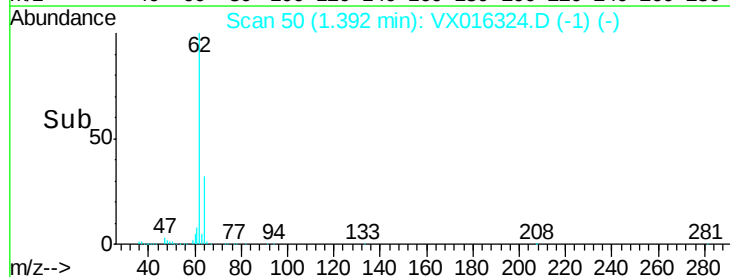
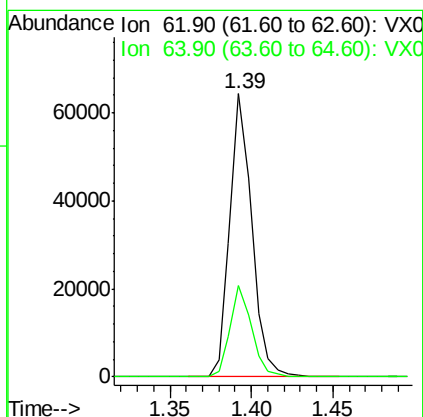
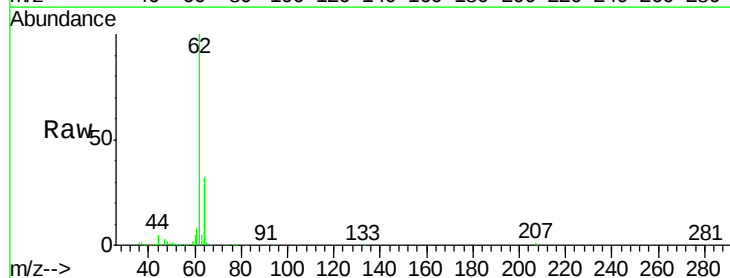
Acq: 19 May 2020 11:06

Tgt Ion: 62 Resp: 60538

Ion Ratio Lower Upper

62 100

64 32.2 25.7 38.5





#5

Bromomethane

Concen: 19.561 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0519WBS01

Tot Ion: 94 Resp: 32812

Ion Ratio Lower Upper

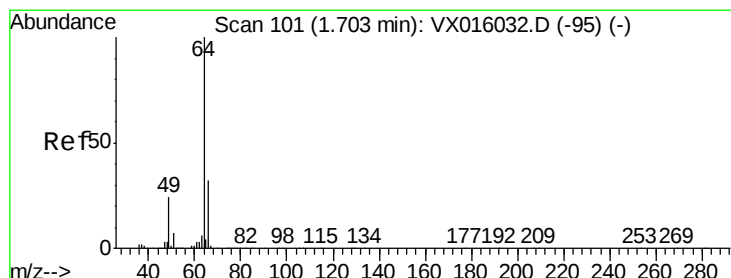
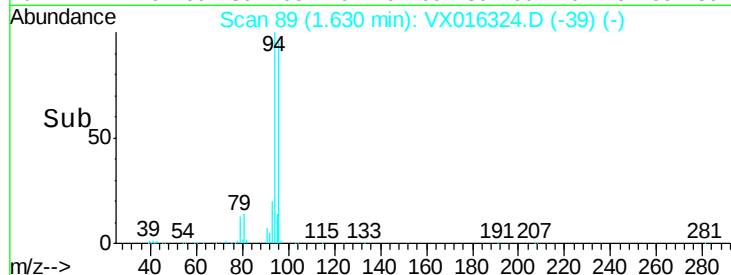
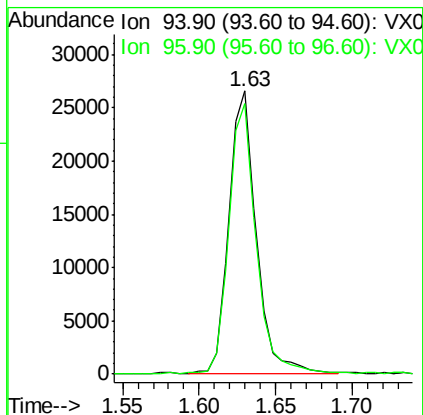
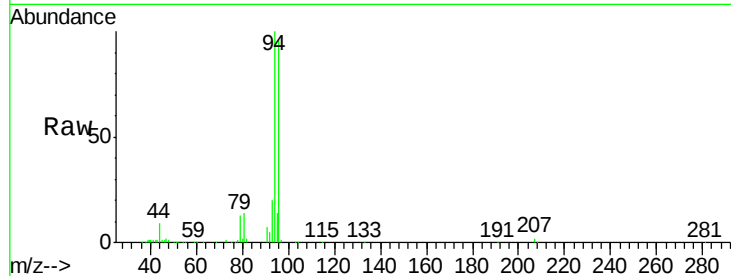
94 100

96 95.5 76.9 115.3

Manual Integrations
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#6

Chloroethane

Concen: 17.567 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016324.D

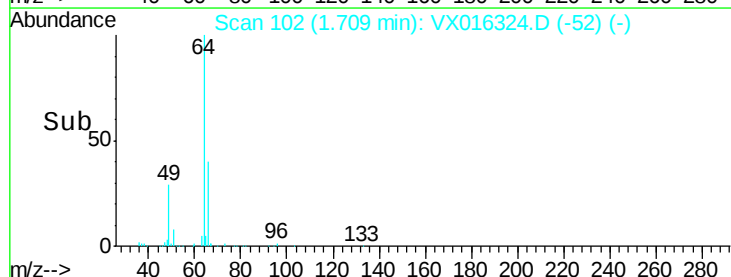
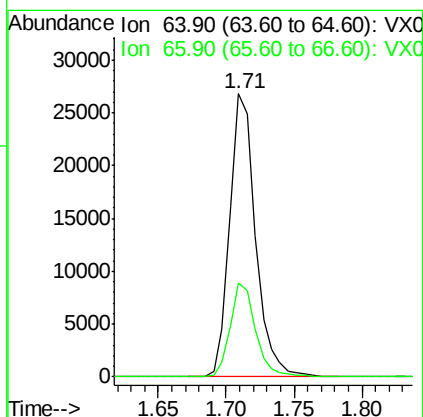
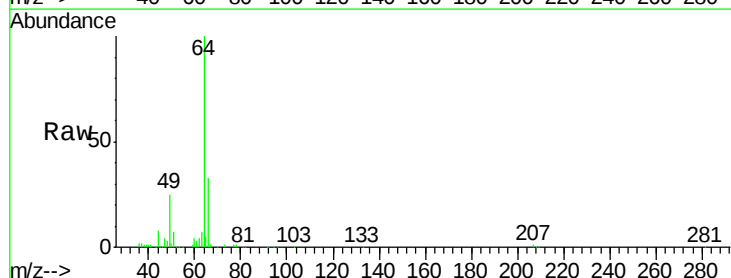
Acq: 19 May 2020 11:06

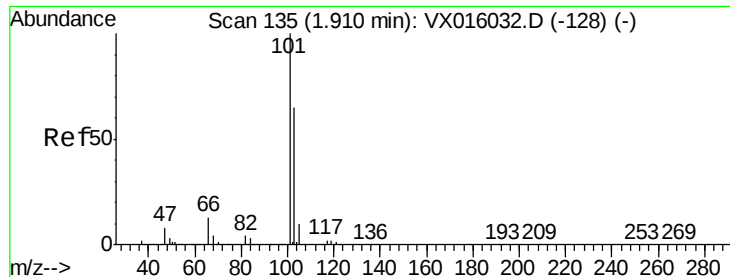
Tgt Ion: 64 Resp: 35563

Ion Ratio Lower Upper

64 100

66 33.1 25.2 37.8





#7

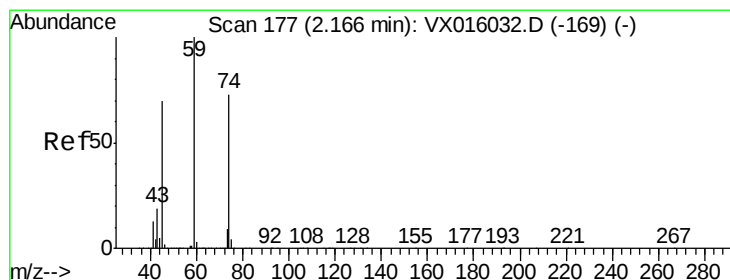
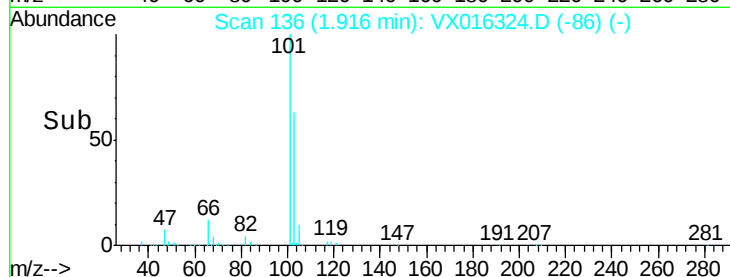
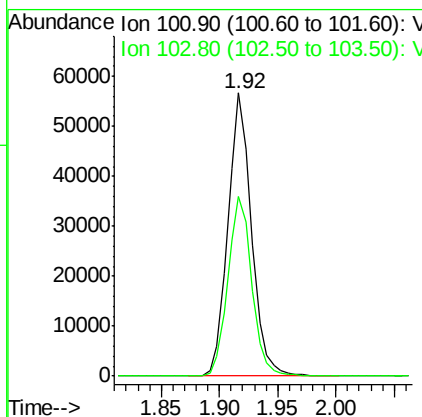
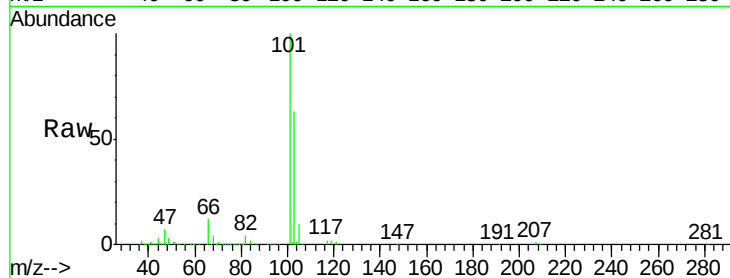
Trichlorofluoromethane
Concen: 18.202 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

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VX0519WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.1	51.8	77.6

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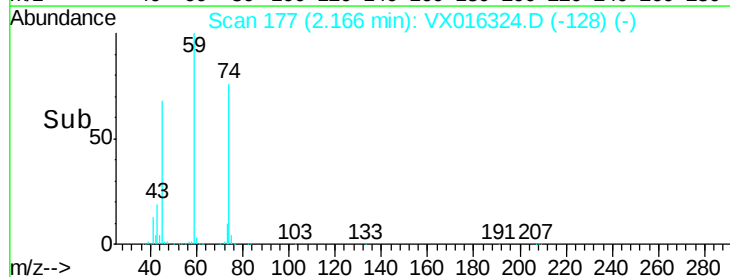
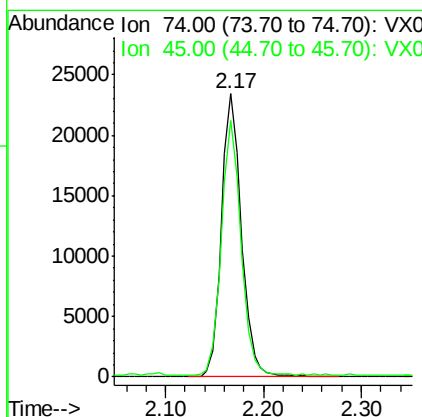
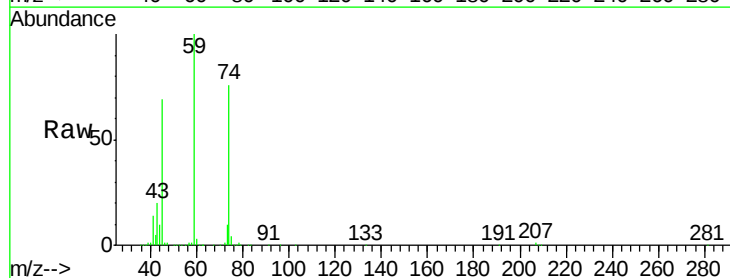
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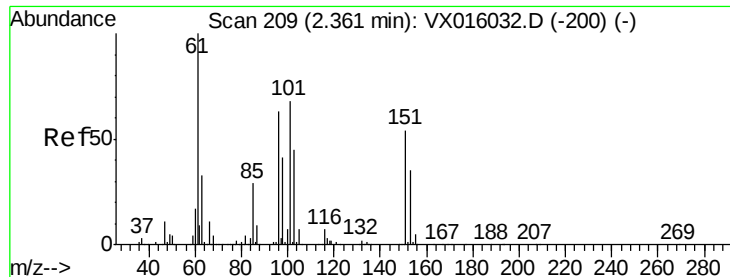


#8

Diethyl Ether
Concen: 18.094 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.2	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.686 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

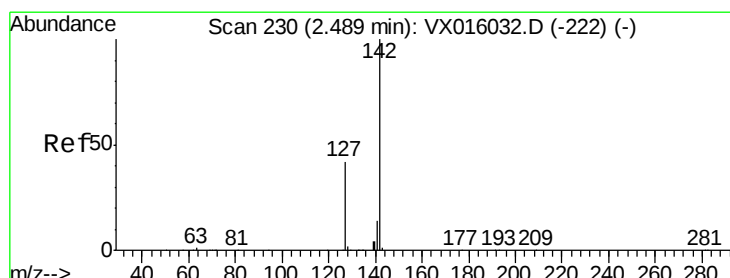
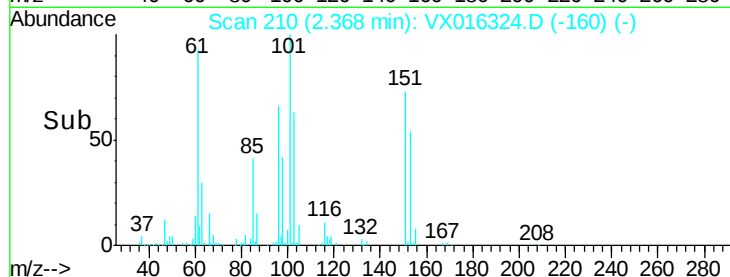
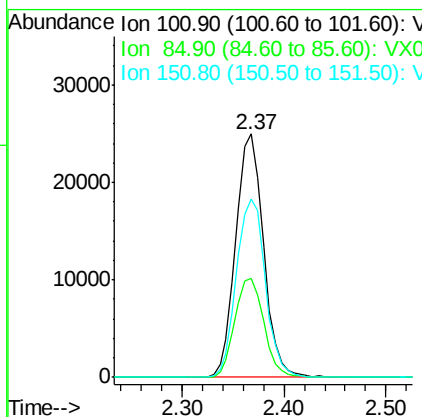
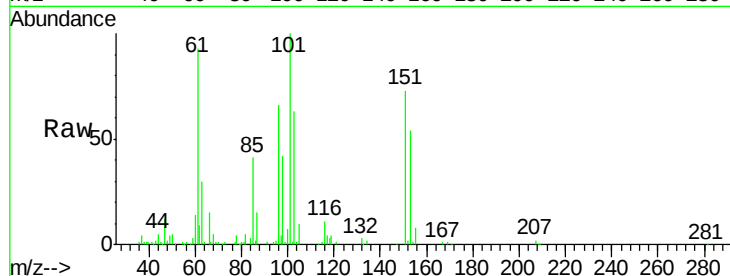
ClientSampleId :

VX0519WBS01

Tot Ion:	101	Resp:	47092
Ion Ratio	Lower	Upper	
101	100		
85	42.5	34.2	51.4
151	76.4	62.1	93.1

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#10

Methyl Iodide

Concen: 10.092 ug/l

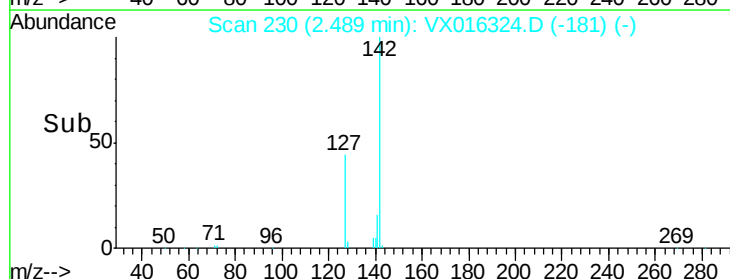
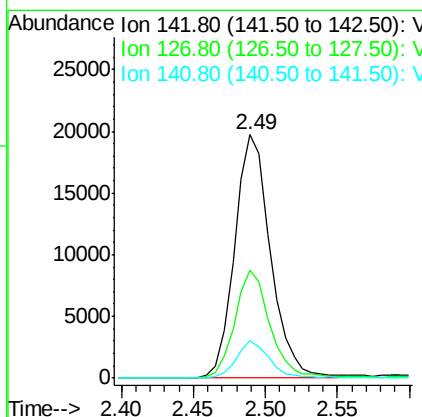
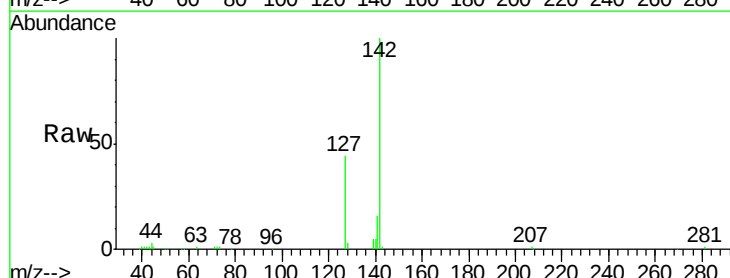
RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Tgt Ion:	142	Resp:	34163
Ion Ratio	Lower	Upper	
142	100		
127	43.3	34.6	52.0
141	14.4	11.3	16.9





#11

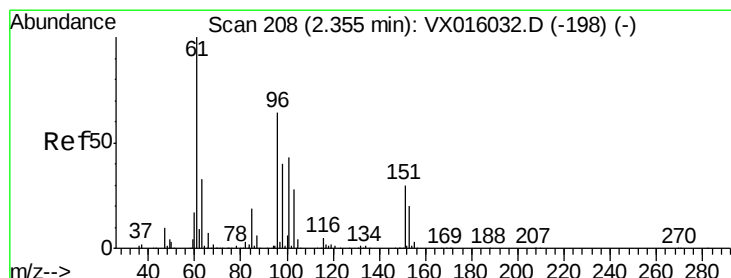
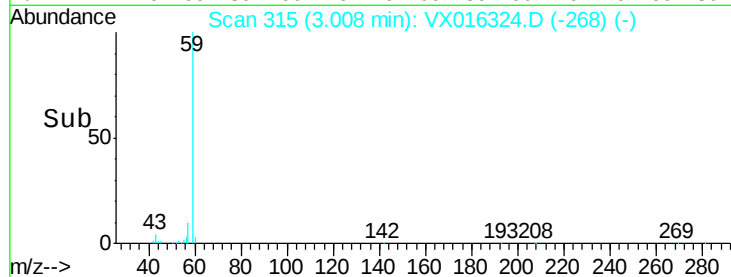
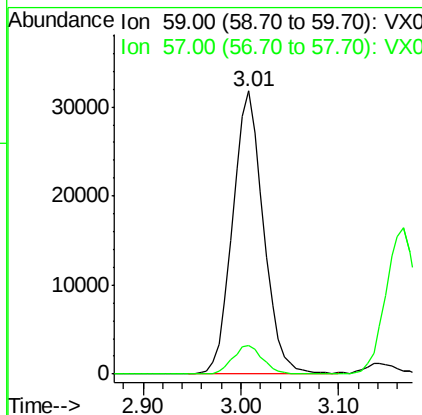
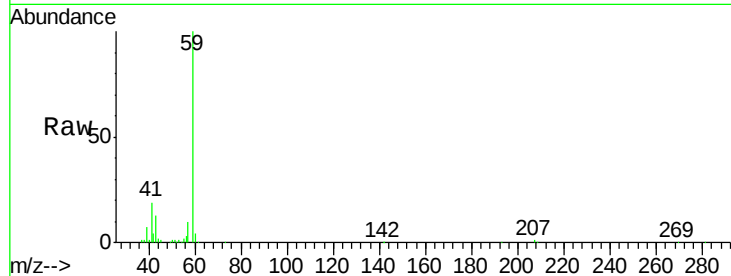
Tert butyl alcohol
Concen: 82.333 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	69505		
57	57	10.0		8.2	12.4

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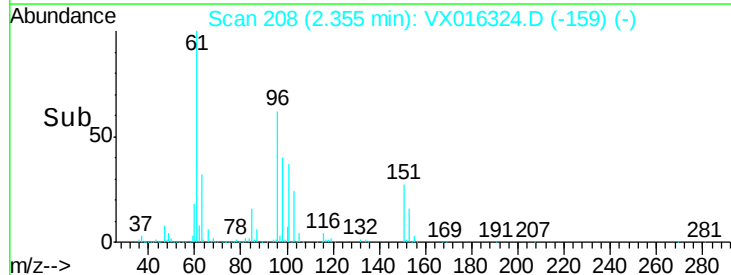
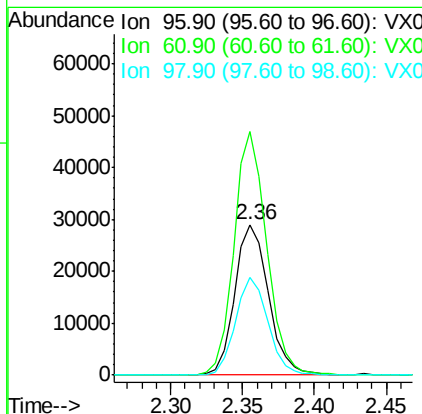
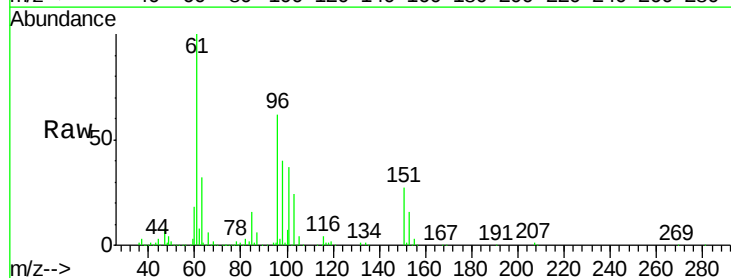
MMDadoda
5/21/2020 1:11:54 PM



#12

1,1-Dichloroethene
Concen: 17.694 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	46662		
61	61	162.0		124.8	187.2
98	98	65.0		49.7	74.5





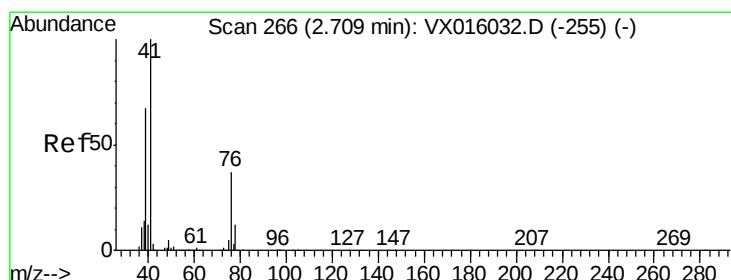
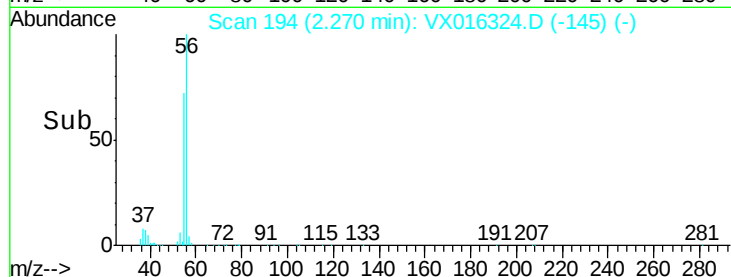
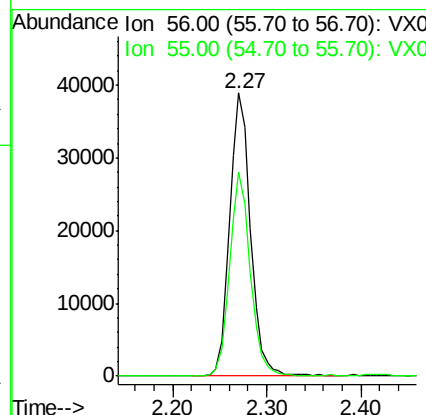
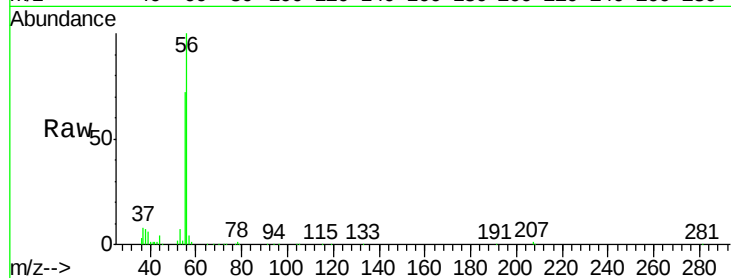
#13
Acrolein
Concen: 113.639 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.7	56.5	84.7

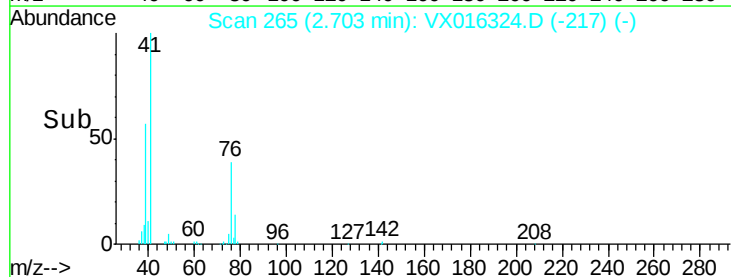
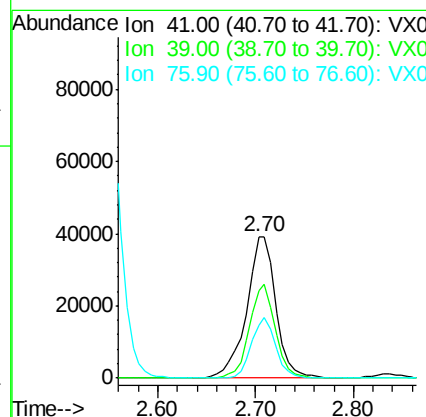
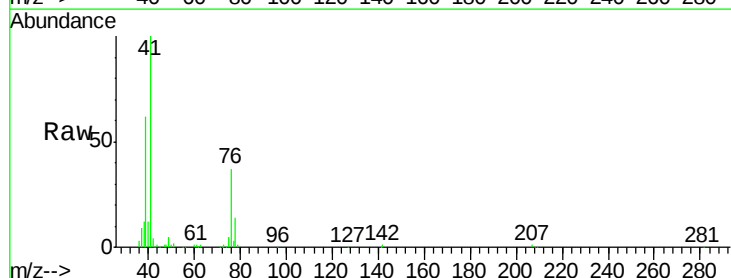
Manual Integrations
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#14
Allyl chloride
Concen: 16.828 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.3	50.5	75.7
76	35.8	26.6	40.0





#15

Acrylonitrile

Concen: 88.968 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

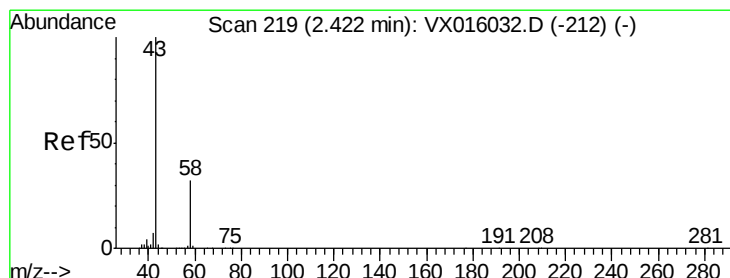
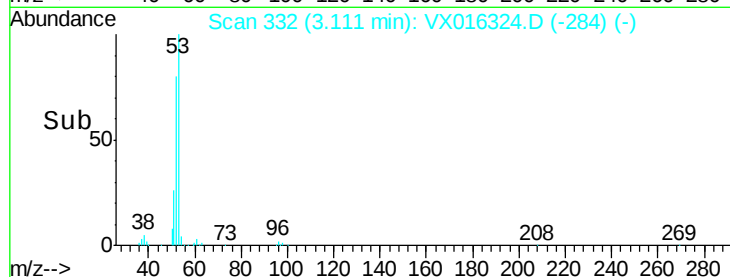
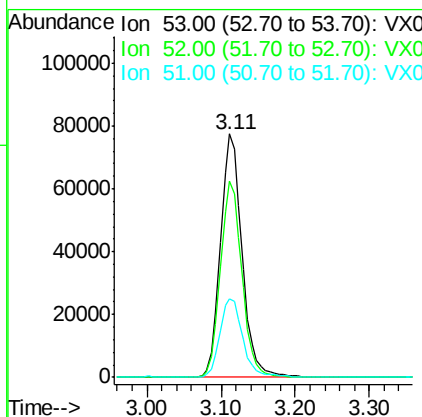
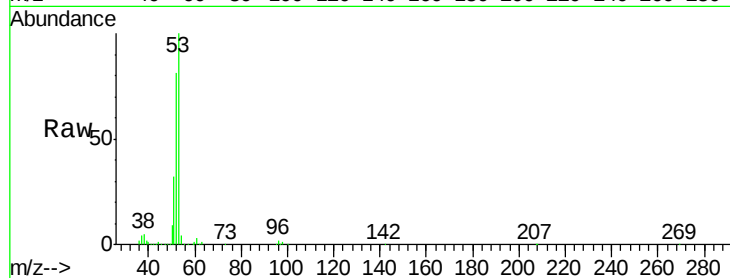
ClientSampled :

VX0519WBS01

Tot Ion:	53	Resp:	155808
Ion Ratio	Lower	Upper	
53	100		
52	80.7	66.1	99.1
51	34.4	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 81.232 ug/l

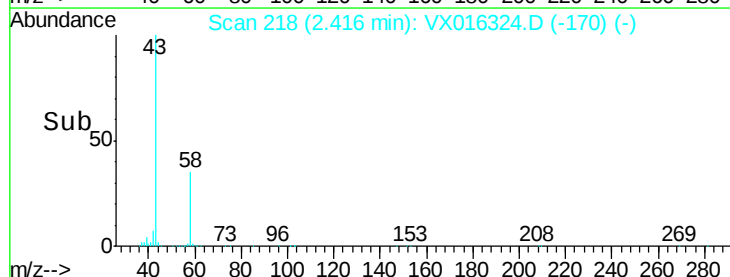
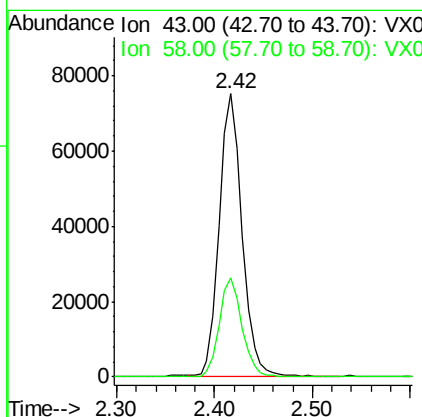
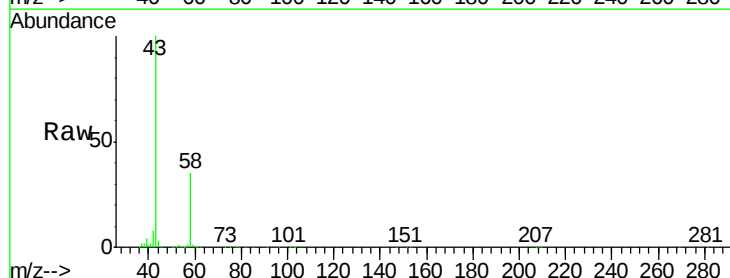
RT: 2.42 min Scan# 218

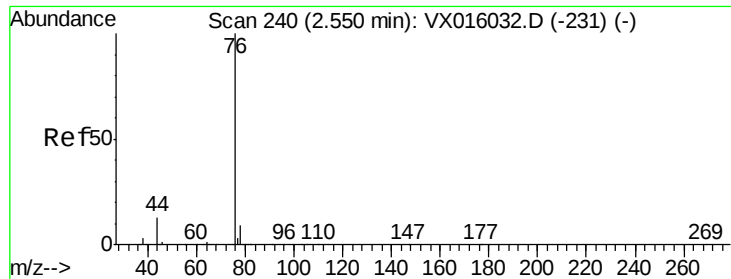
Delta R.T. -0.01 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Tgt Ion:	43	Resp:	121000
Ion Ratio	Lower	Upper	
43	100		
58	35.0	25.4	38.0





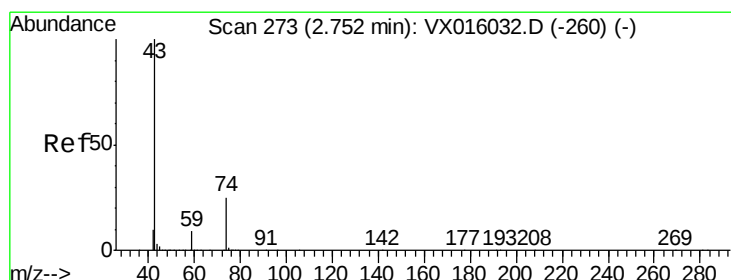
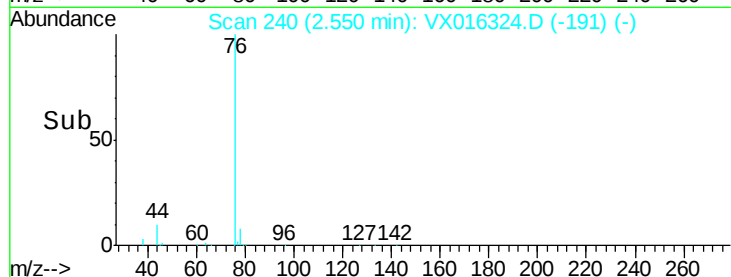
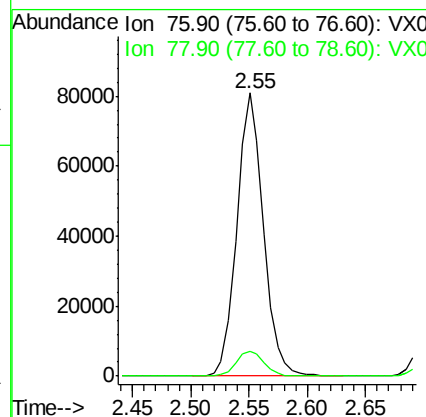
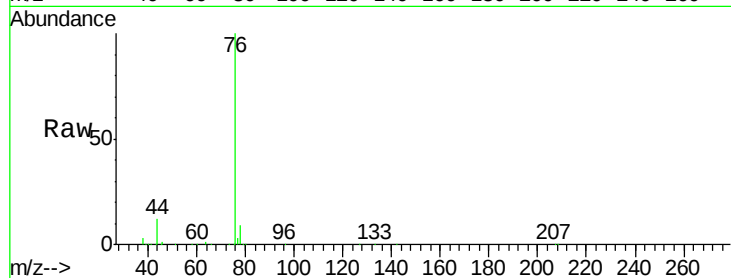
#17
Carbon Disulfide
Concen: 16.047 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.5	11.3

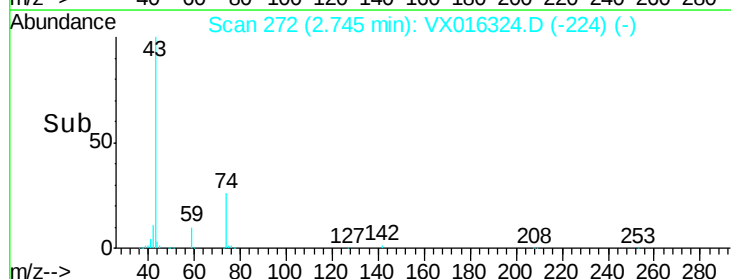
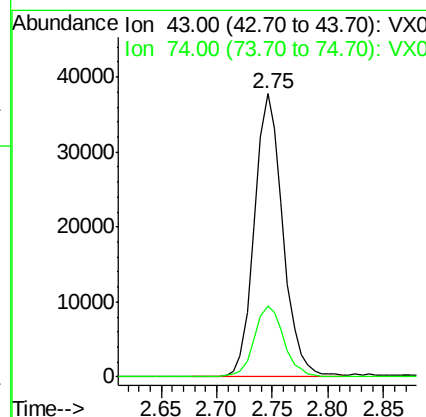
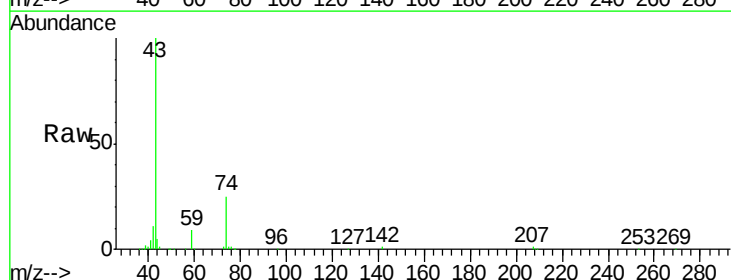
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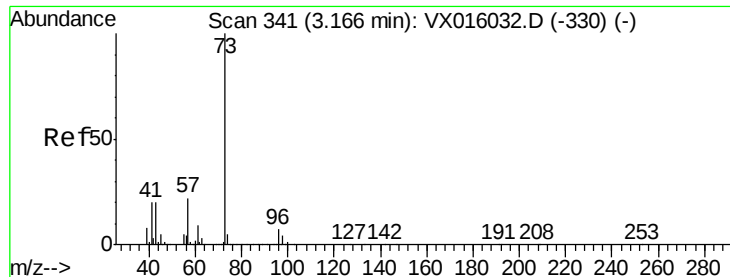
MMDadoda
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#18
Methyl Acetate
Concen: 18.264 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.6	20.2	30.2





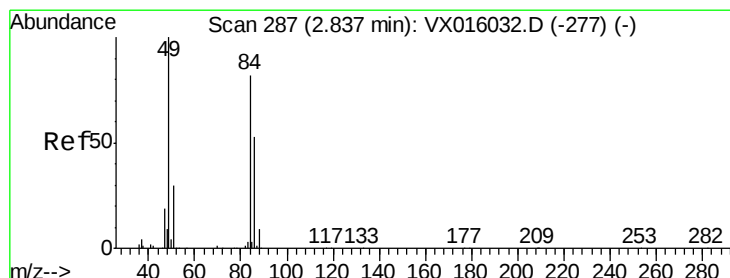
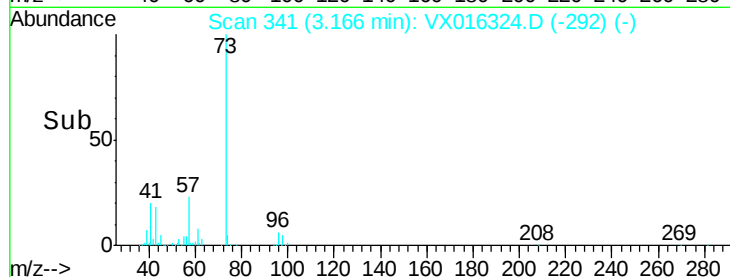
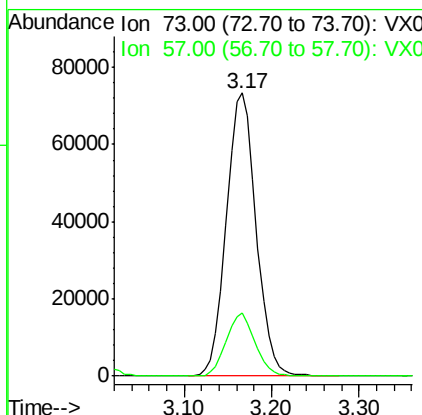
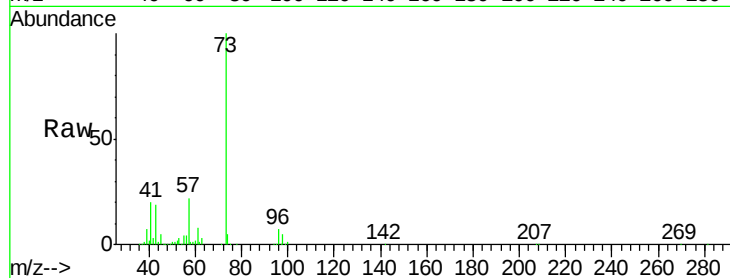
#19
Methvl tert-butvl Ether
Concen: 19.008 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	17.8	26.6

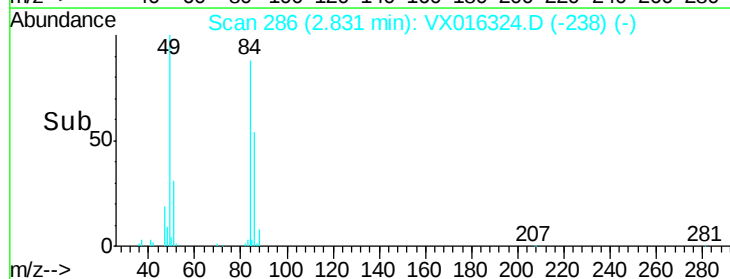
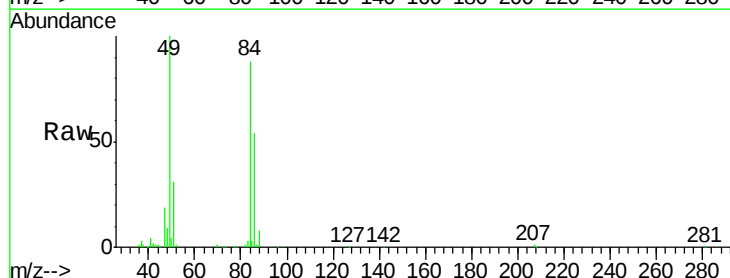
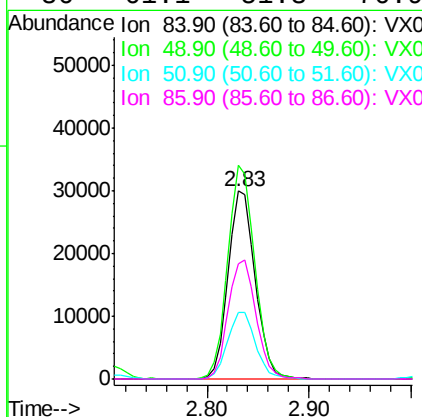
Manual Integrations
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#20
Methylene Chloride
Concen: 17.962 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Tgt Ion	Ratio	Lower	Upper
84	100		
49	113.6	97.3	145.9
51	35.5	29.3	43.9
86	61.1	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 17.507 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

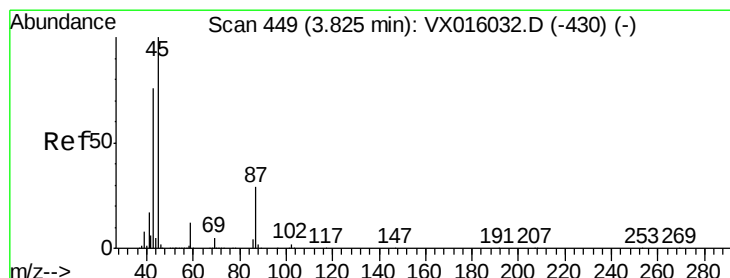
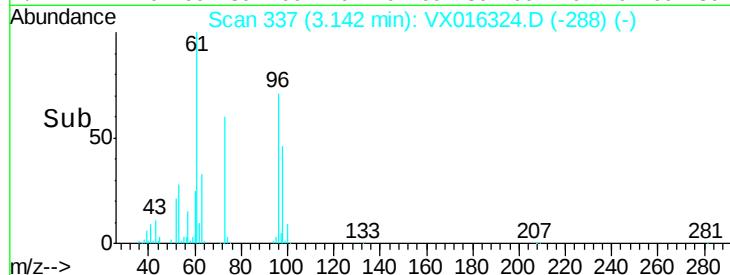
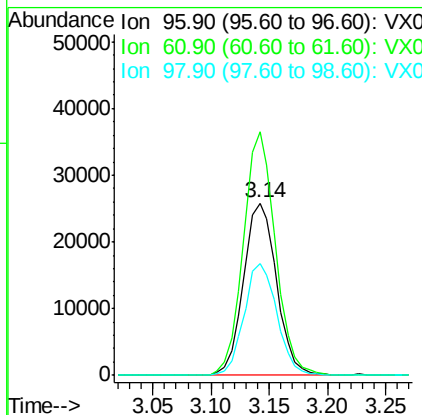
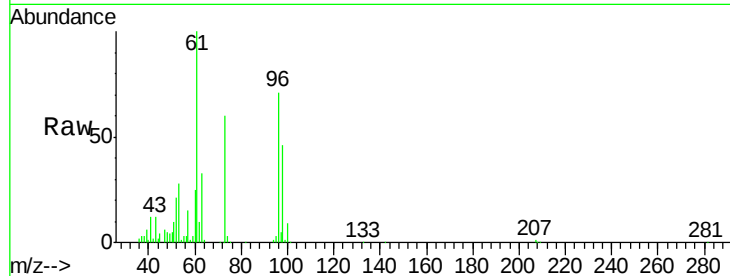
ClientSampleId :

VX0519WBS01

Tot Ion:	96	Resp:	51451
Ion	Ratio	Lower	Upper
96	100		
61	141.1	111.2	166.8
98	64.6	50.2	75.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.282 ug/l

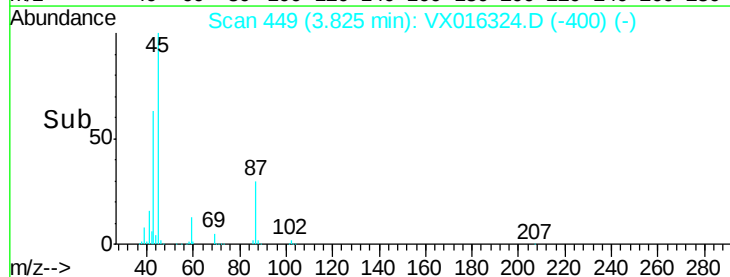
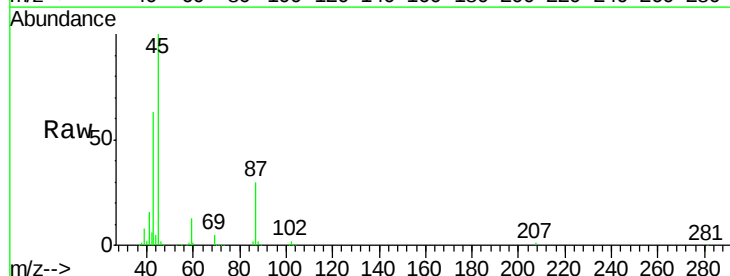
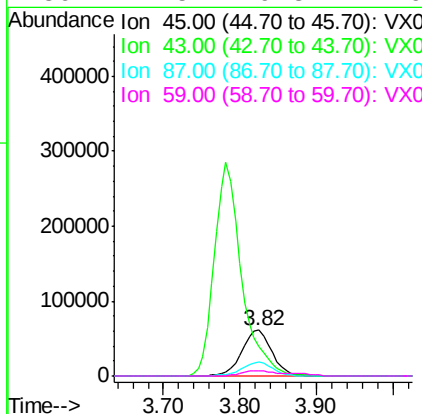
RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Tgt Ion:	45	Resp:	166774
Ion	Ratio	Lower	Upper
45	100		
43	62.3	61.1	91.7
87	29.9	23.0	34.6
59	12.5	9.8	14.6





#23

Vinyl Acetate

Concen: 88.598 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0519WBS01

Tot Ion: 43 Resp: 711061

Ion Ratio Lower Upper

43 100

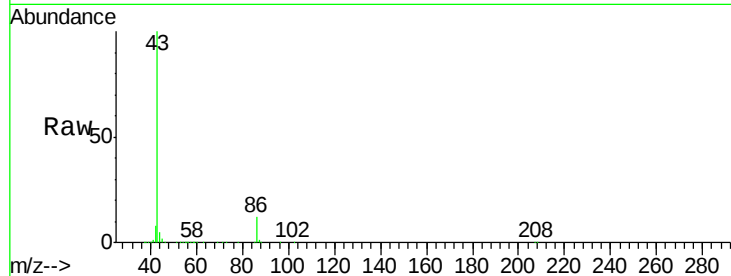
86 11.6 9.0 13.4

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

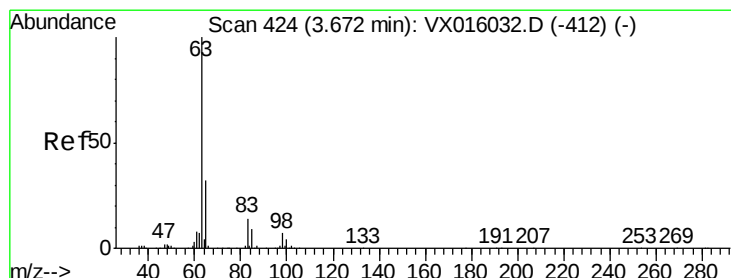
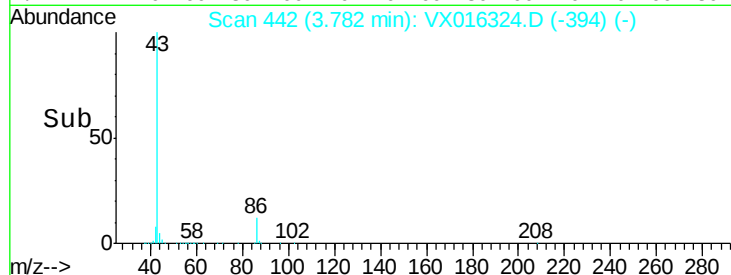
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 18.528 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

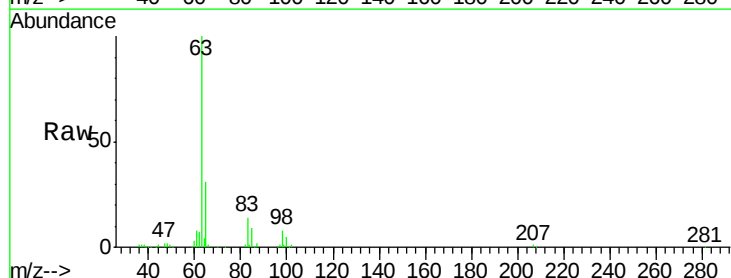
Tgt Ion: 63 Resp: 94551

Ion Ratio Lower Upper

63 100

98 8.0 3.5 10.5

100 5.0 2.1 6.5



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

3.67

50000

40000

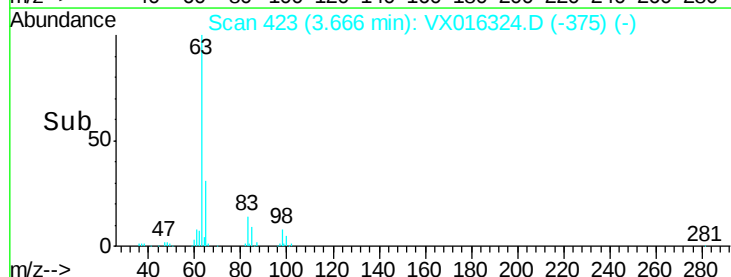
30000

20000

10000

0

Time-->





#25

2-Butanone

Concen: 86.211 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0519WBS01

Tot Ion: 43 Resp: 206932

Ion Ratio Lower Upper

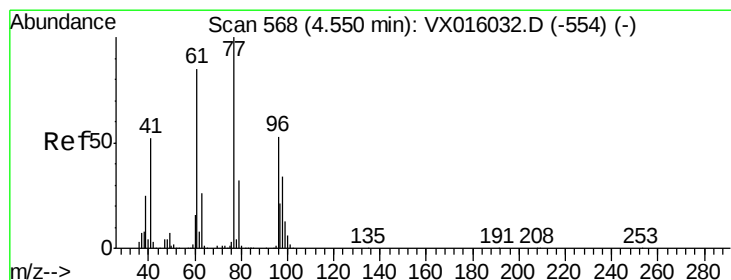
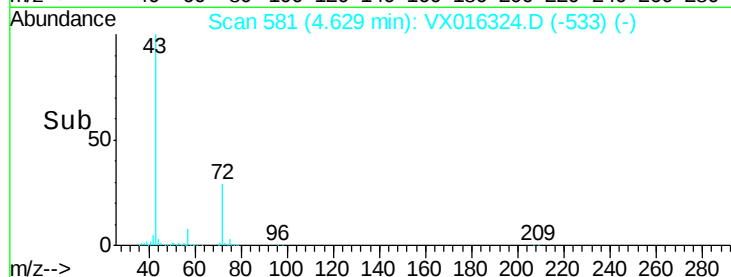
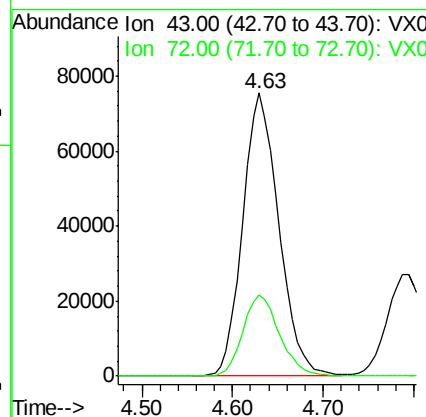
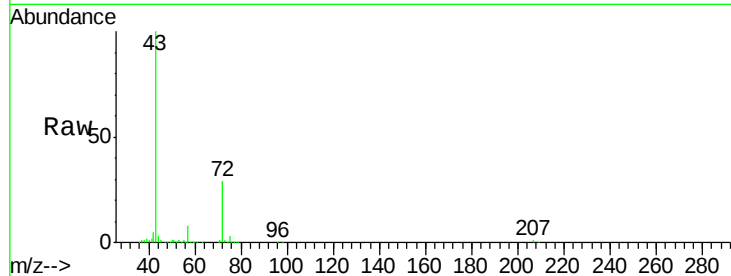
43 100

72 28.6 21.8 32.8

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 18.719 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016324.D

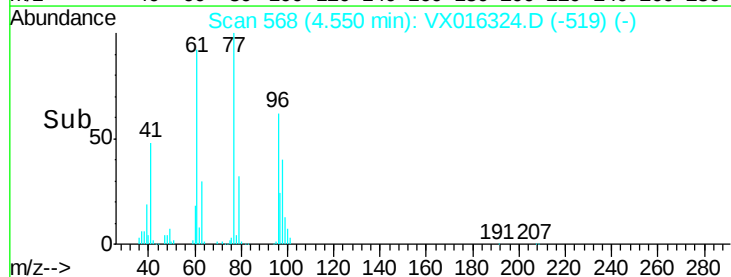
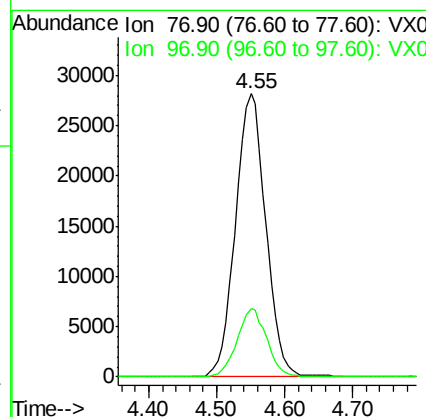
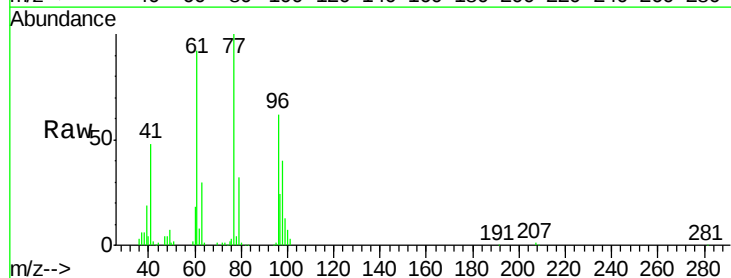
Acq: 19 May 2020 11:06

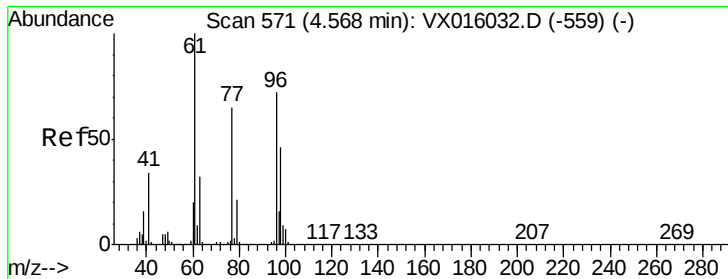
Tgt Ion: 77 Resp: 87237

Ion Ratio Lower Upper

77 100

97 23.5 11.2 33.6





#27

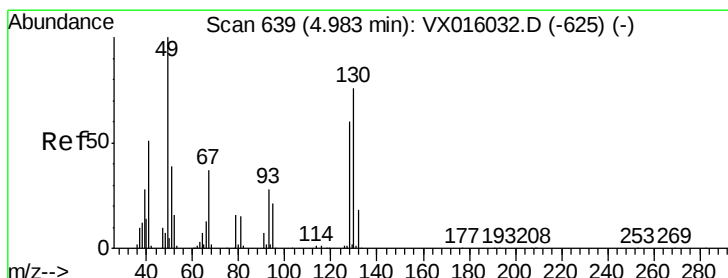
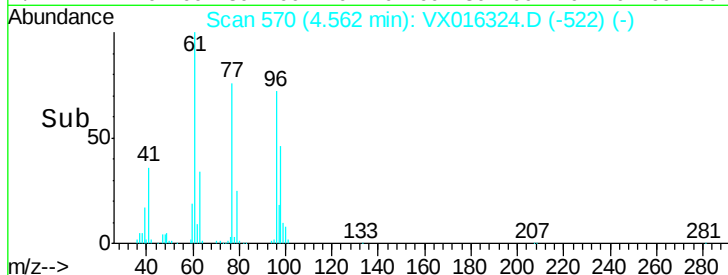
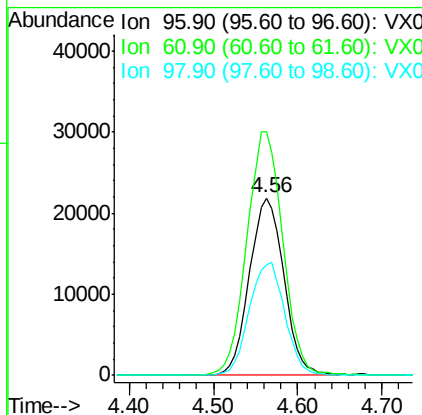
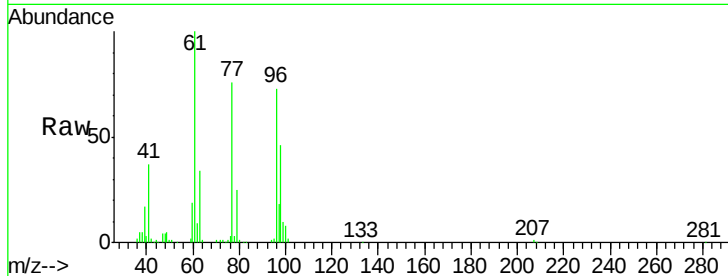
cis-1,2-Dichloroethene
Concen: 18.995 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.1	0.0	296.2
98	65.4	0.0	129.4

Manual Integrations
APPROVED

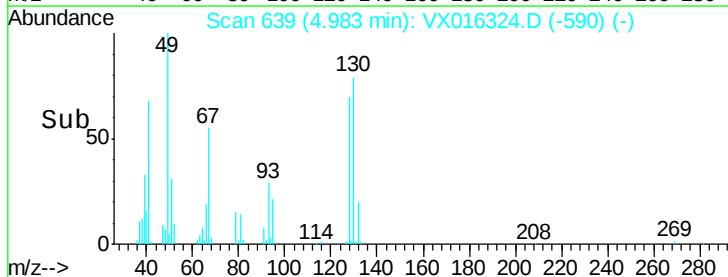
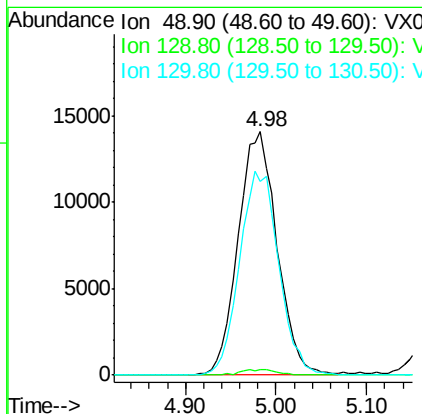
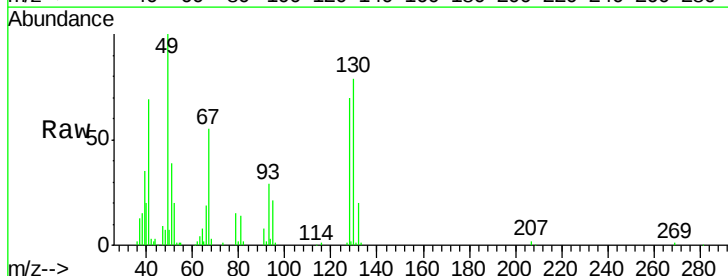
MMDadoda
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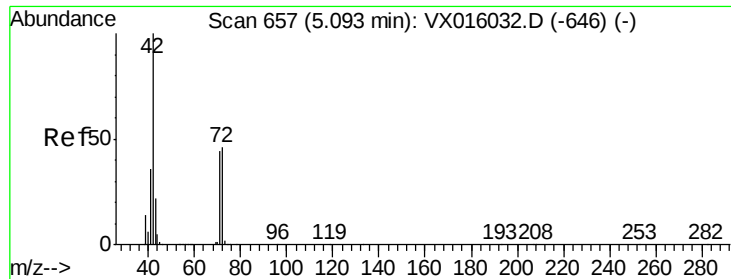


#28

Bromochloromethane
Concen: 18.005 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.0
130	84.1	62.4	93.6





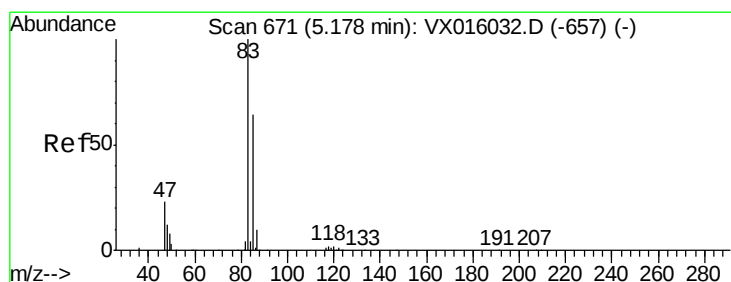
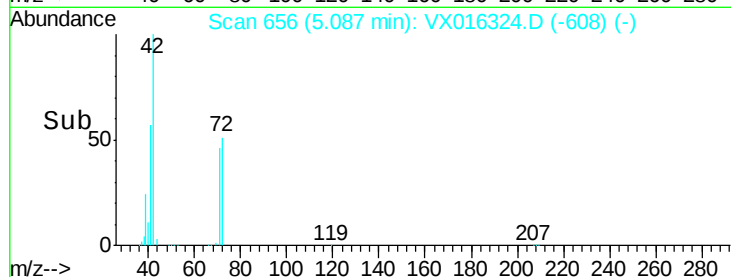
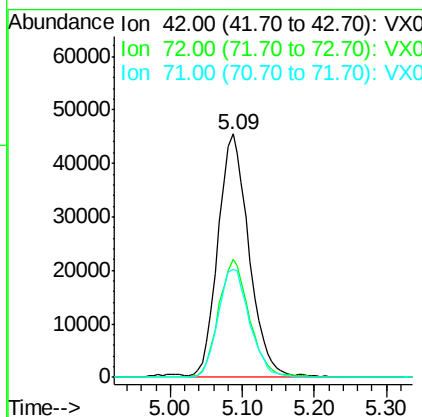
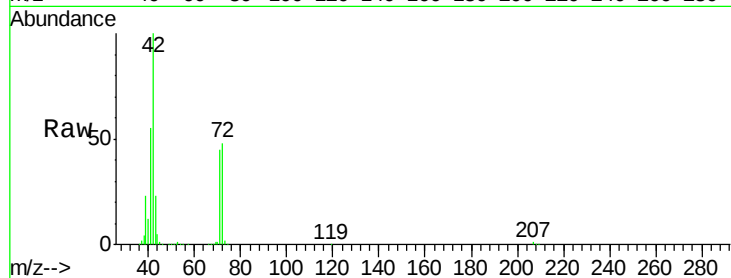
#29
Tetrahydrofuran
Concen: 85.159 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.8	37.1	55.7
71	45.6	34.5	51.7

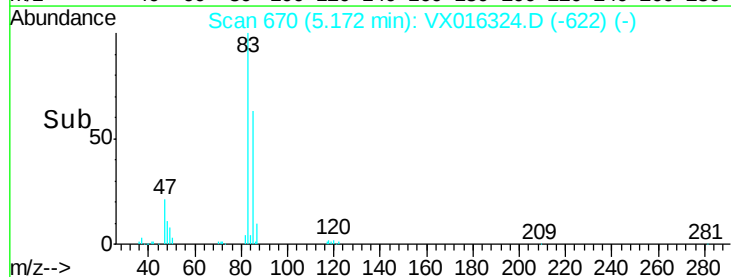
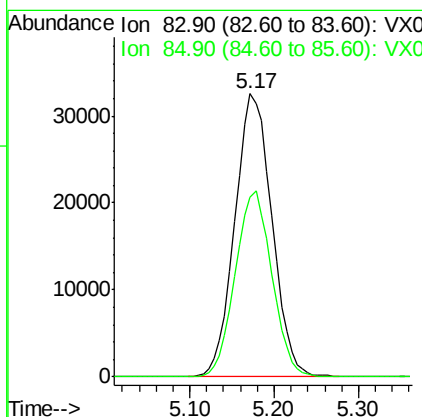
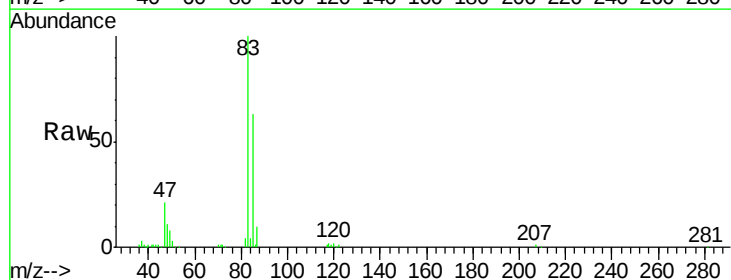
Manual Integrations
APPROVED

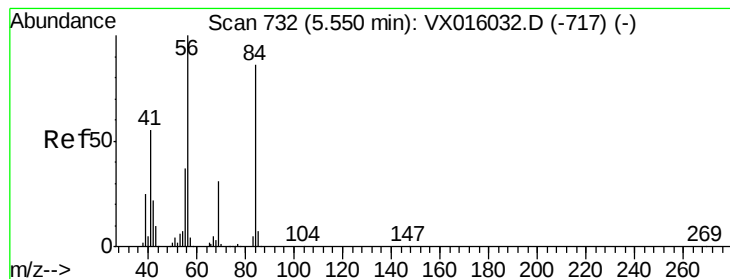
MMDadoda
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#30
Chloroform
Concen: 19.141 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.6	77.4





#31

Cyclohexane

Concen: 17.360 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

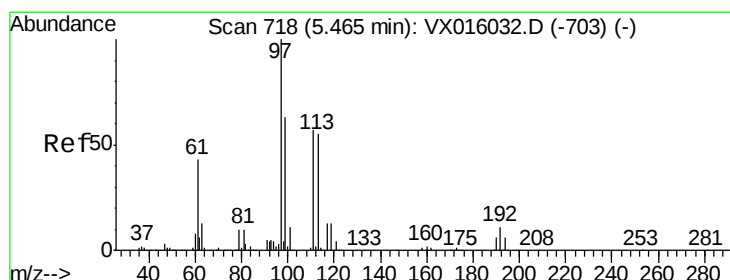
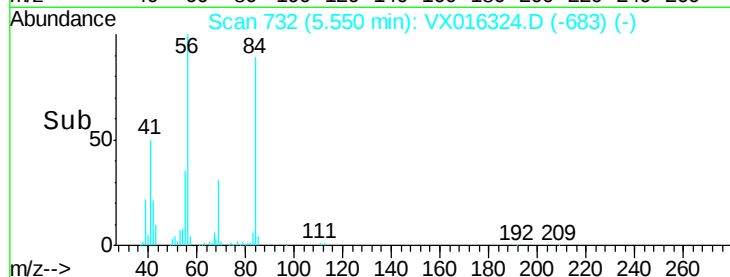
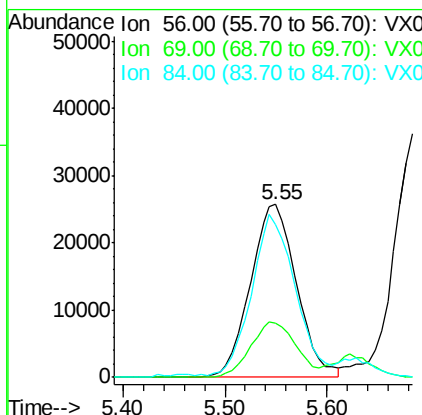
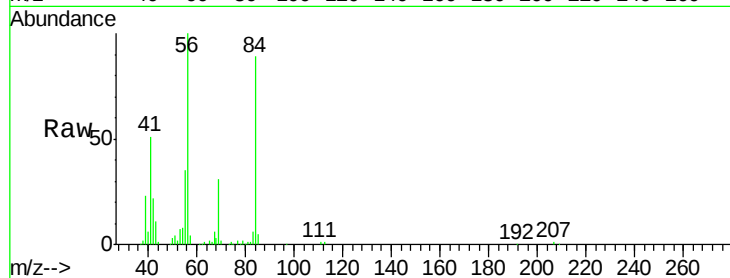
ClientSampleId :

VX0519WBS01

Tot Ion:	56	Resp:	80510
Ion Ratio	Lower	Upper	
56	100		
69	31.0	25.0	37.6
84	86.8	69.0	103.6

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#32

1,1,1-Trichloroethane

Concen: 18.891 ug/l

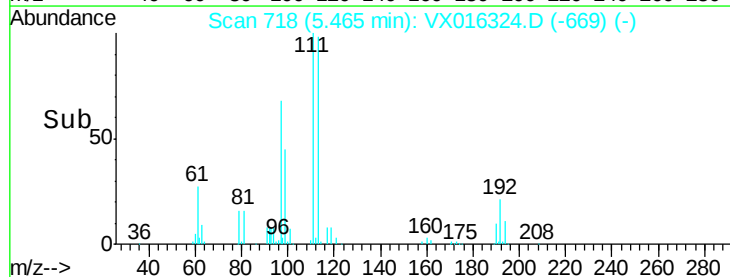
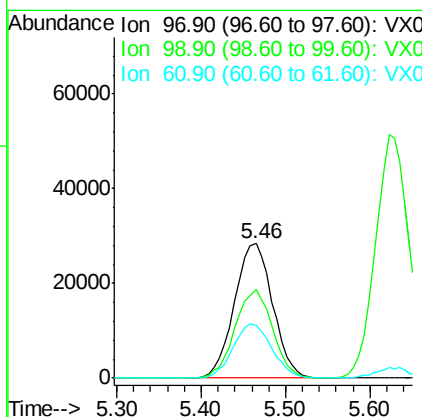
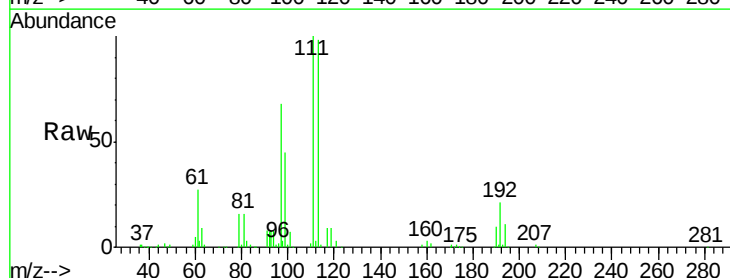
RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Tgt Ion:	97	Resp:	87245
Ion Ratio	Lower	Upper	
97	100		
99	64.8	51.0	76.4
61	40.6	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 42.545 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0519WBS01

Tot Ion: 65 Resp: 142033

Ion Ratio Lower Upper

65 100

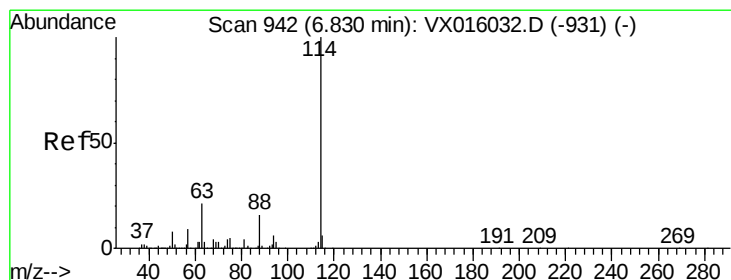
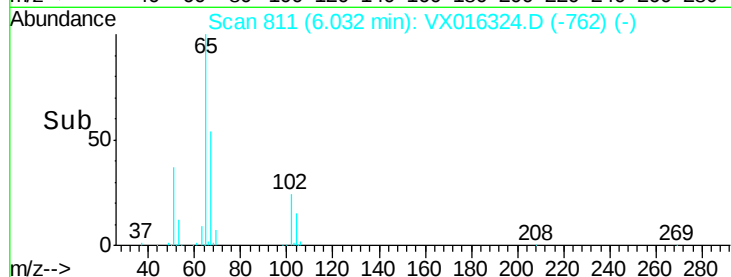
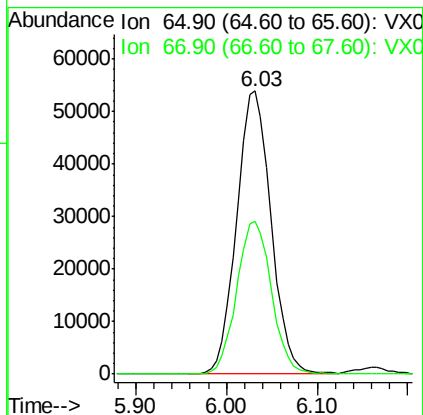
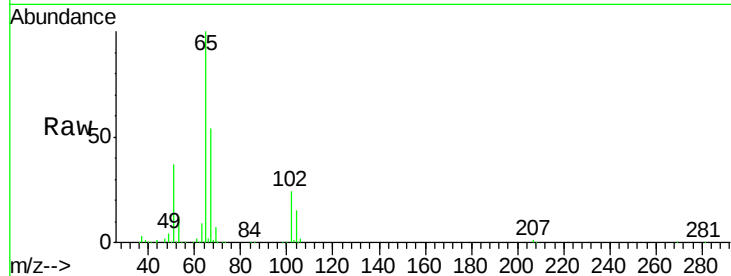
67 54.7 0.0 104.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

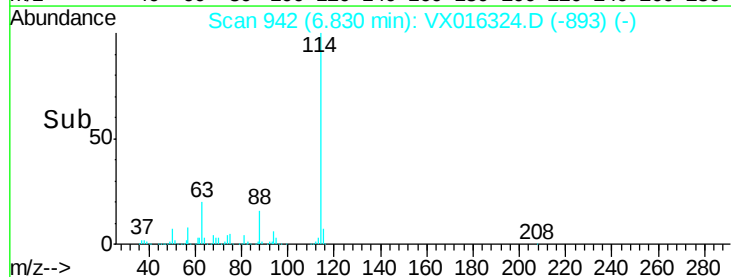
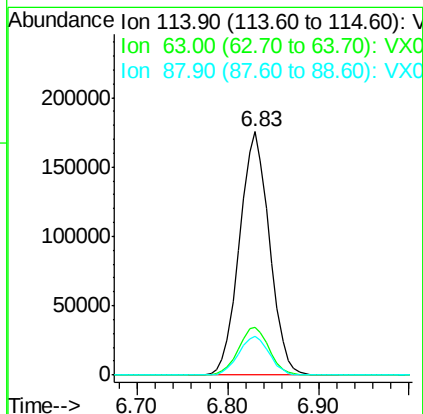
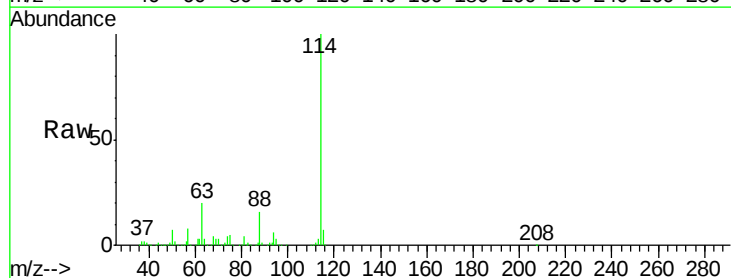
Tgt Ion: 114 Resp: 401931

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.8

88 15.9 0.0 31.4





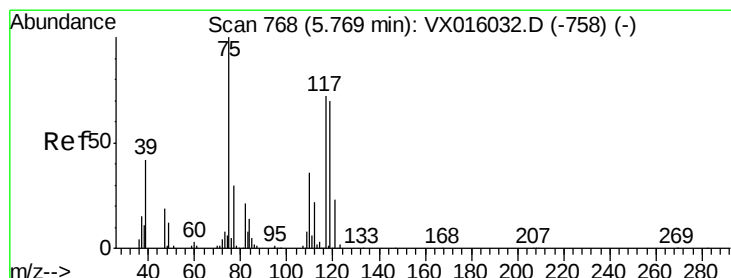
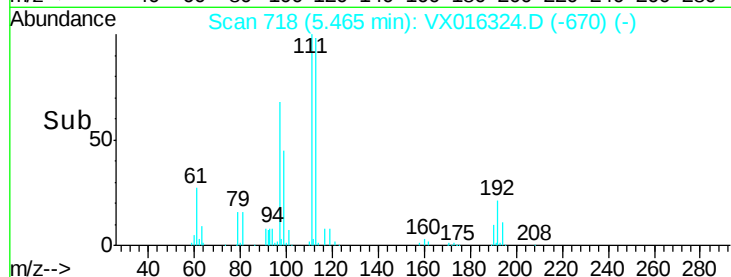
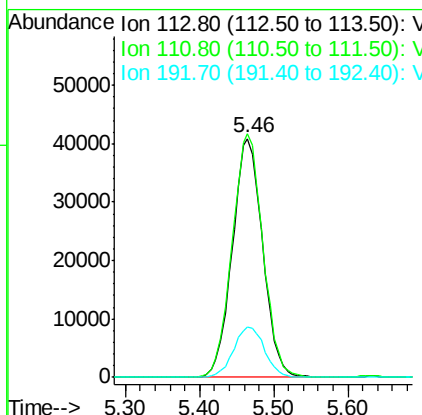
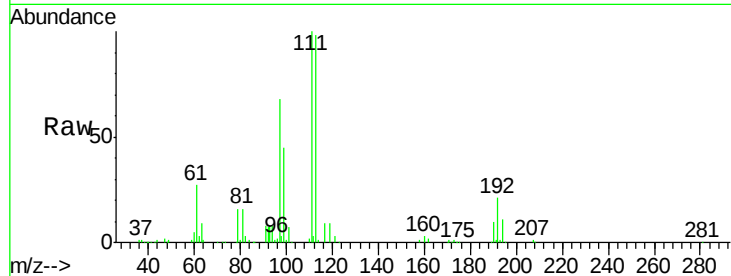
#35
 Dibromofluoromethane
 Concen: 45.789 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX016324.D
 Acq: 19 May 2020 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0519WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	116598		
111	103.0	81.6	122.4	
192	21.5	17.0	25.4	

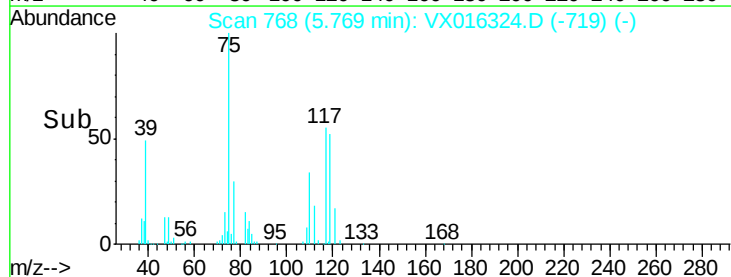
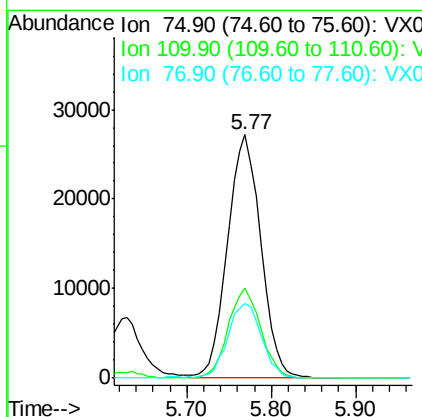
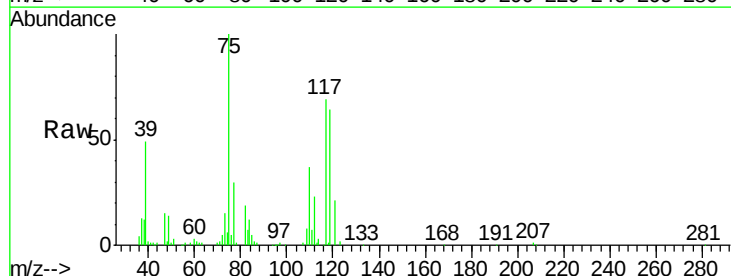
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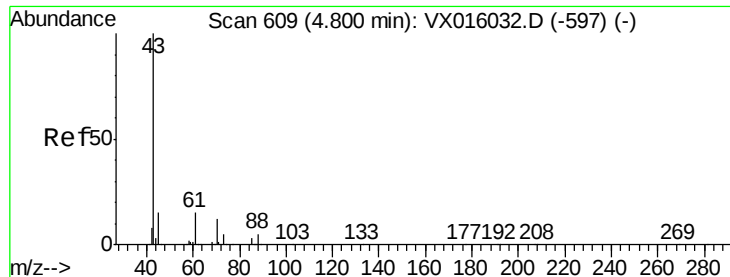
MMDadoda
 5/21/2020 1:11:54 PM



#36
 1,1-Dichloropropene
 Concen: 18.412 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX016324.D
 Acq: 19 May 2020 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	72848		
110	35.8	18.1	54.1	
77	31.0	25.0	37.6	





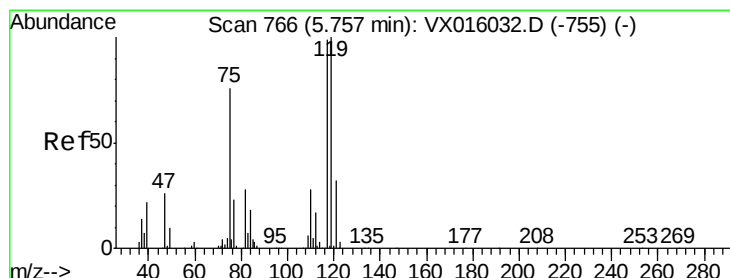
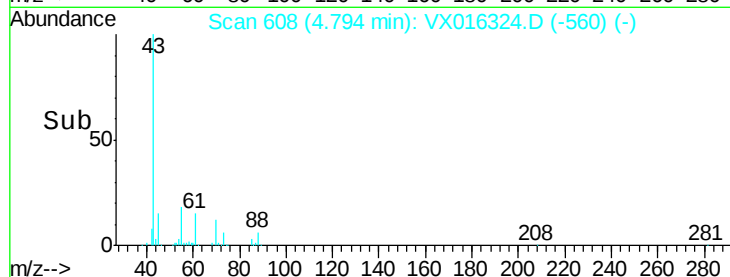
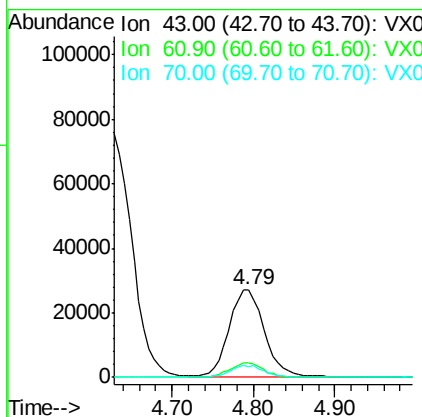
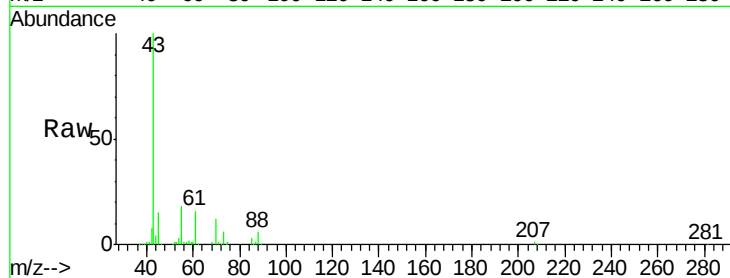
#37
Ethyl Acetate
Concen: 17.510 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

Tot Ion:	43	Resp:	80295
Ion	Ratio	Lower	Upper
43	100		
61	15.9	11.7	17.5
70	13.0	9.3	13.9

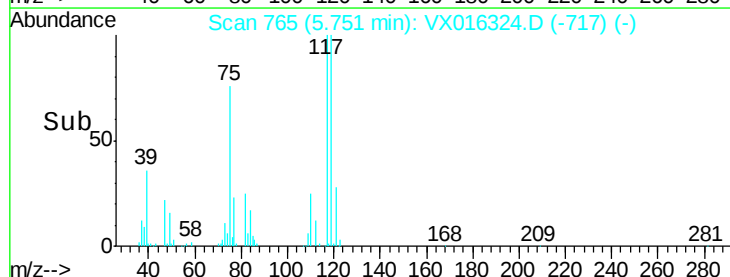
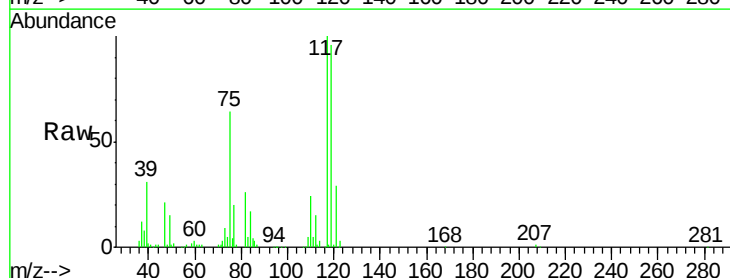
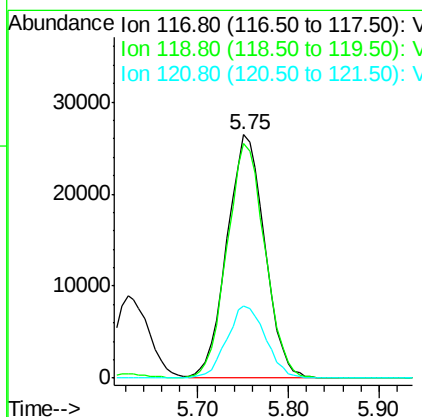
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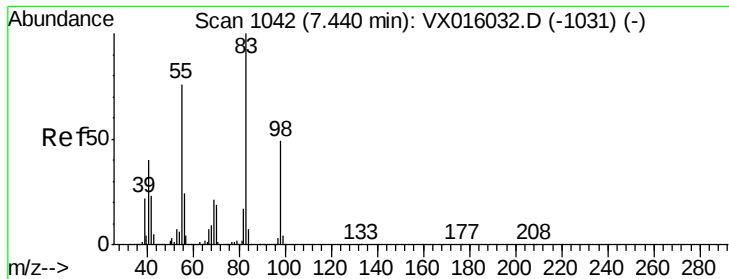
MMDadoda
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#38
Carbon Tetrachloride
Concen: 19.039 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Tgt Ion:	117	Resp:	76564
Ion	Ratio	Lower	Upper
117	100		
119	96.5	80.3	120.5
121	29.4	25.7	38.5





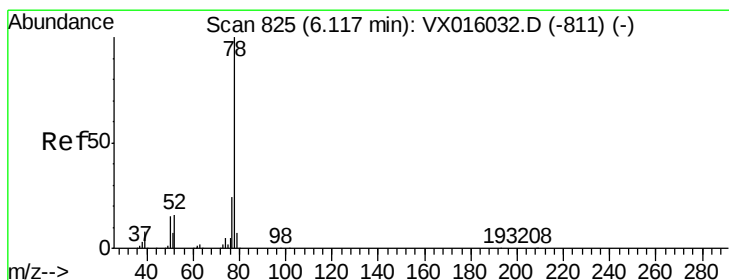
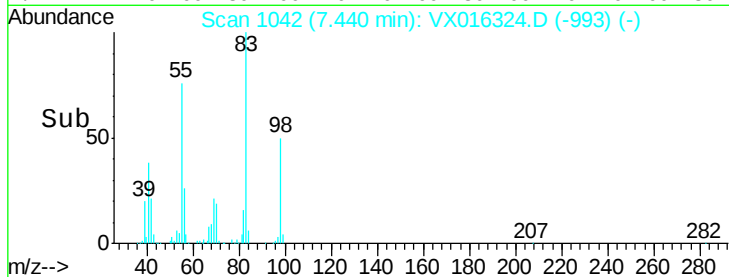
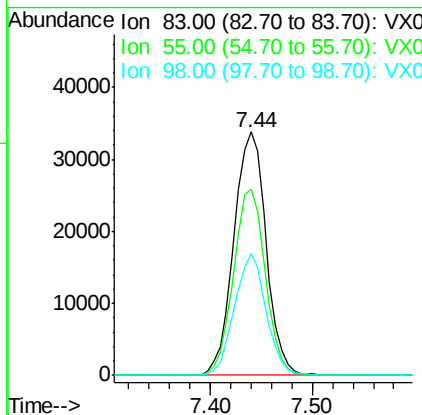
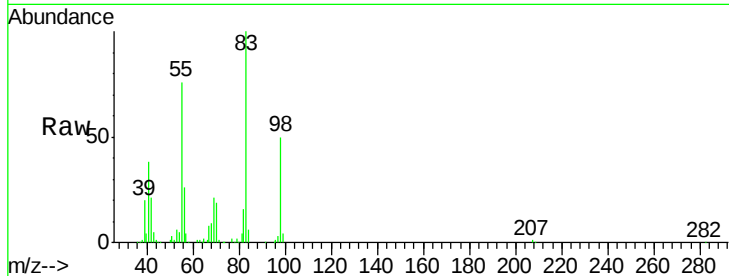
#39
Methvlcvclohexane
Concen: 15.579 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.4	61.1	91.7
98	50.2	39.0	58.4

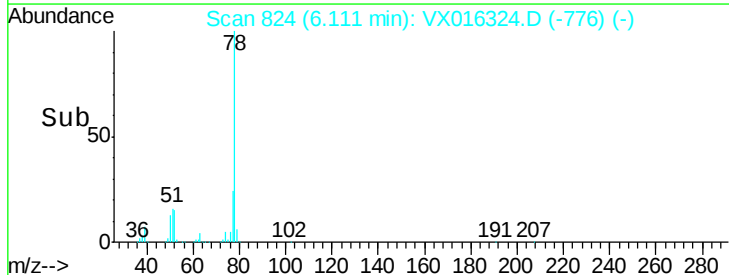
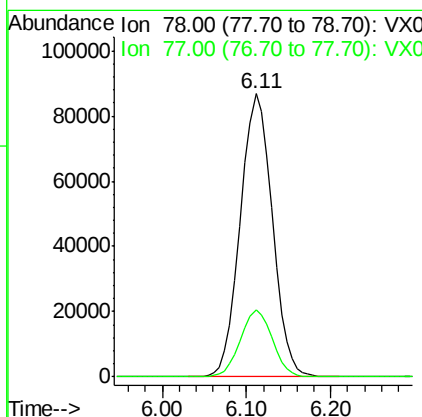
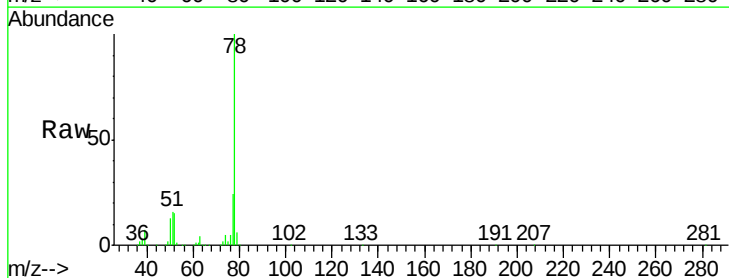
Manual Integrations
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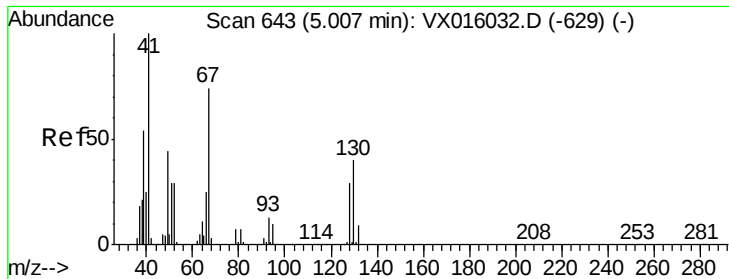
MMDadoda
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#40
Benzene
Concen: 19.314 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.4





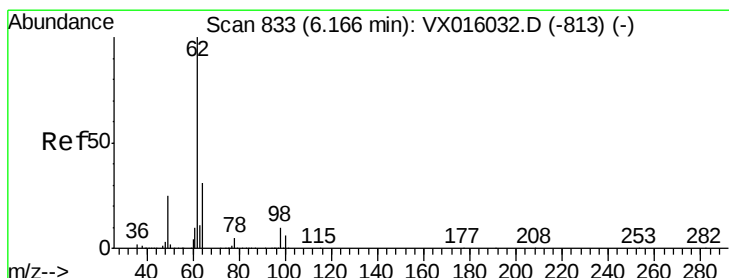
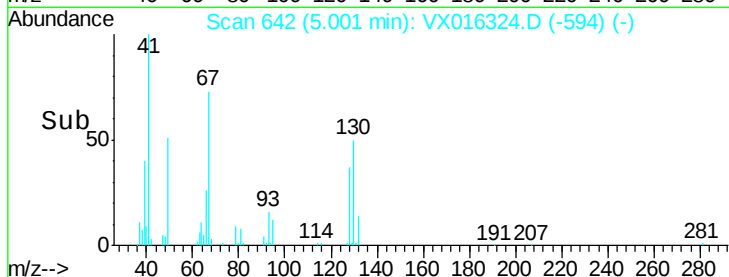
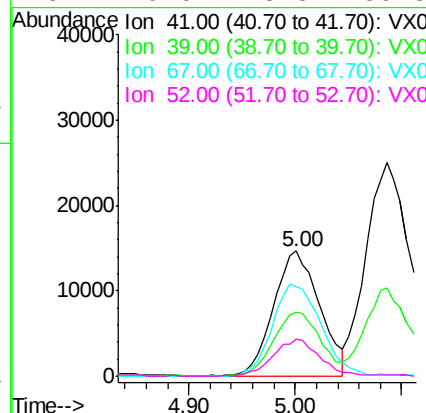
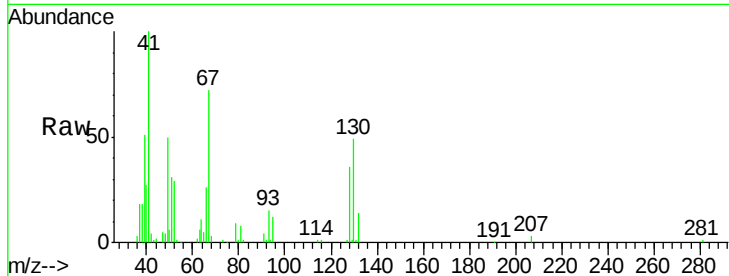
#41
Methacrylonitrile
Concen: 17.909 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	50.7	43.2	64.8
67	77.6	59.3	88.9
52	29.8	23.5	35.3

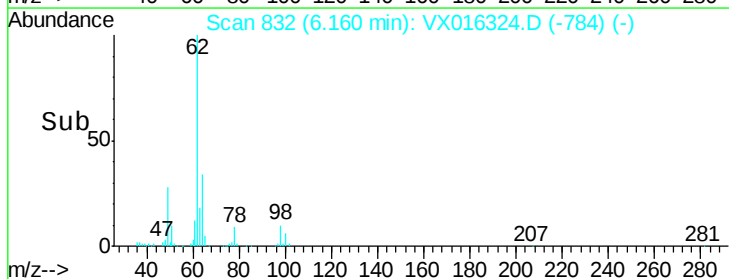
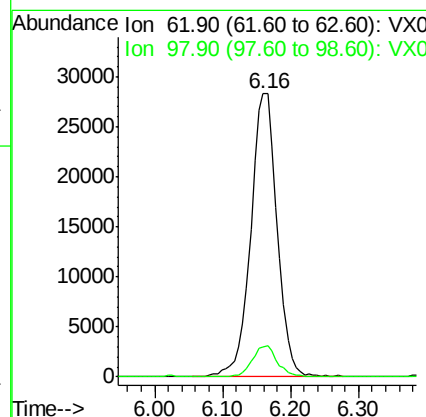
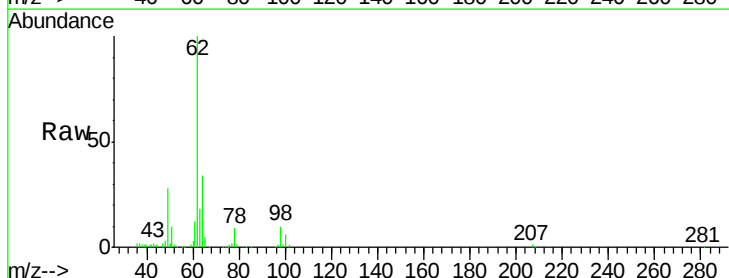
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 18.383 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	19.4





#43

Isopropyl Acetate

Concen: 17.775 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

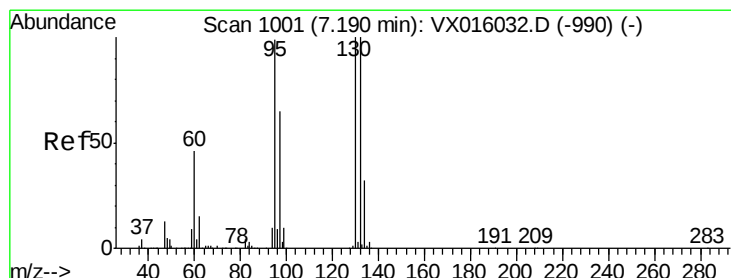
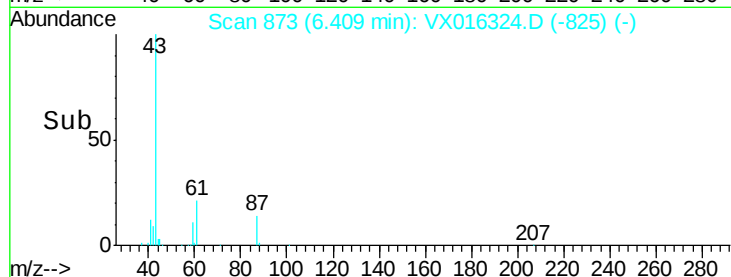
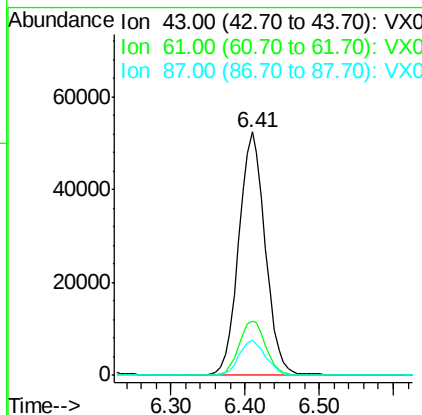
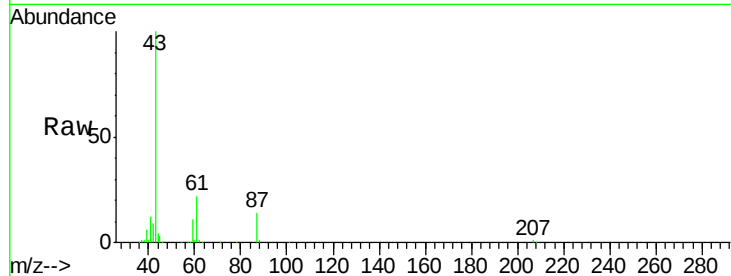
ClientSampleId :

VX0519WBS01

Tot Ion:	43	Resp:	130054
Ion Ratio	Lower	Upper	
43	100		
61	22.7	17.0	25.4
87	14.6	11.0	16.6

Manual Integrations
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5/21/2020 1:11:54 PM



#44

Trichloroethene

Concen: 18.065 ug/l

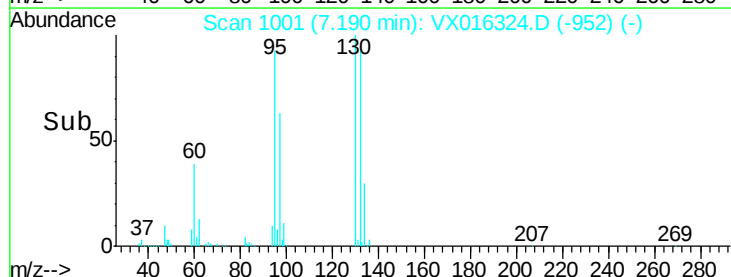
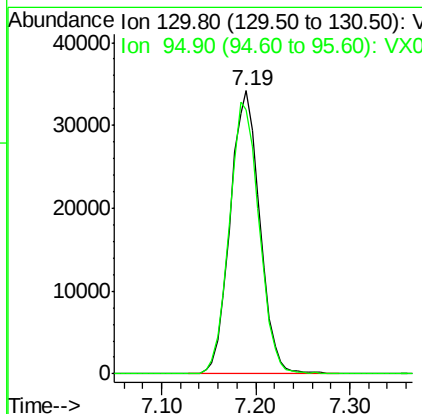
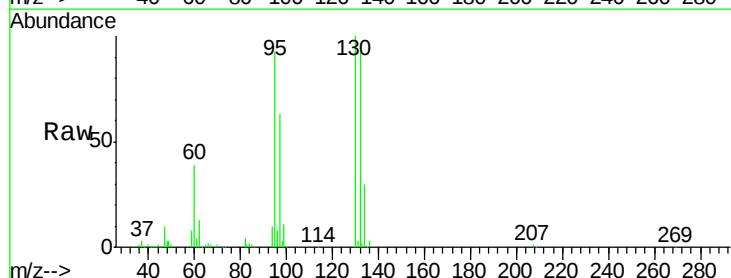
RT: 7.19 min Scan# 1001

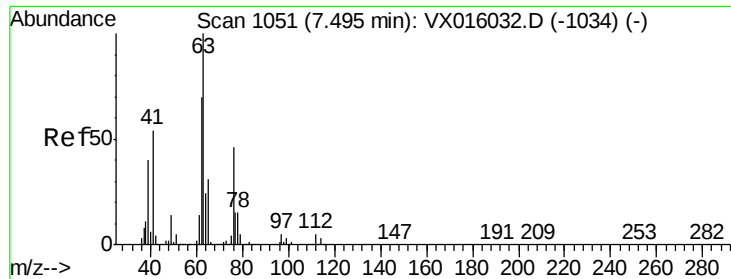
Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Tgt Ion:	130	Resp:	74294
Ion Ratio	Lower	Upper	
130	100		
95	93.3	0.0	197.4





#45

1,2-Dichloropropane

Concen: 19.501 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0519WBS01

Tot Ion: 63 Resp: 57122

Ion Ratio Lower Upper

63 100

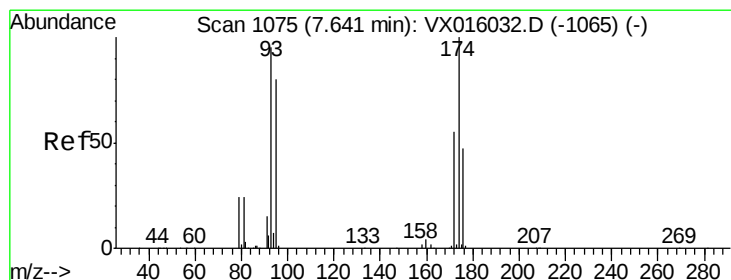
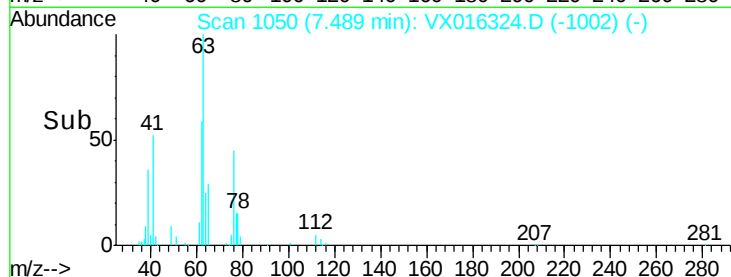
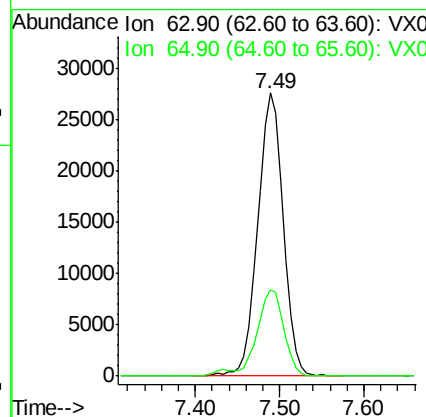
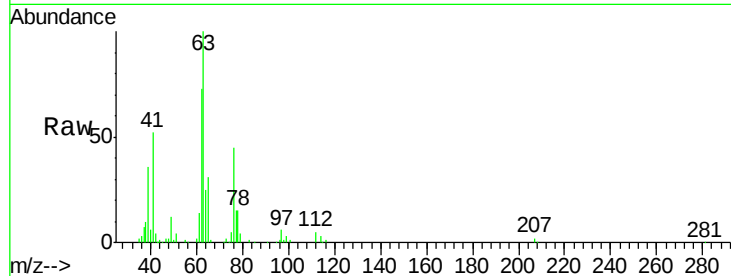
65 30.6 24.4 36.6

Manual Integrations

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#46

Dibromomethane

Concen: 19.119 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

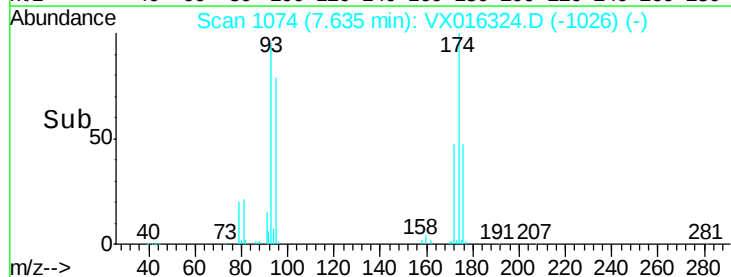
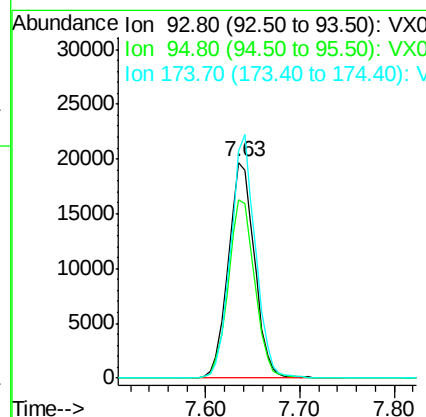
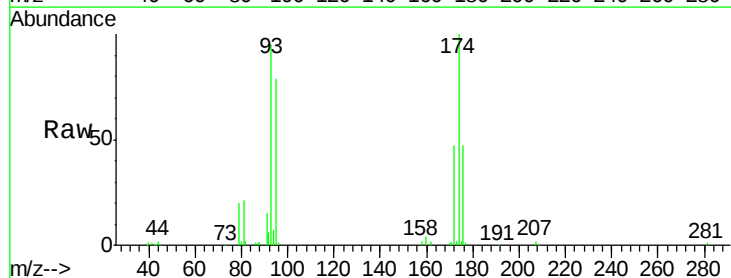
Tgt Ion: 93 Resp: 38059

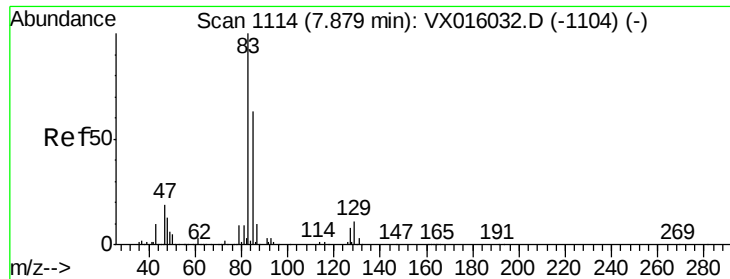
Ion Ratio Lower Upper

93 100

95 83.5 66.6 100.0

174 106.5 84.2 126.4





#47

Bromodichloromethane

Concen: 19.496 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

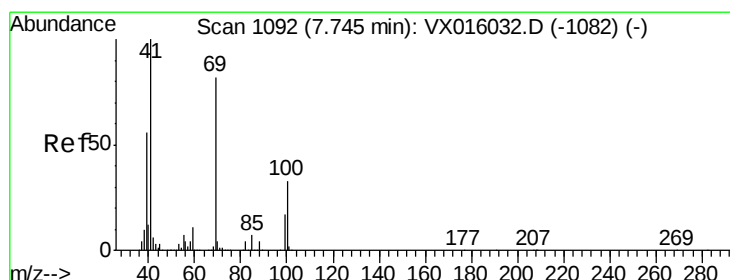
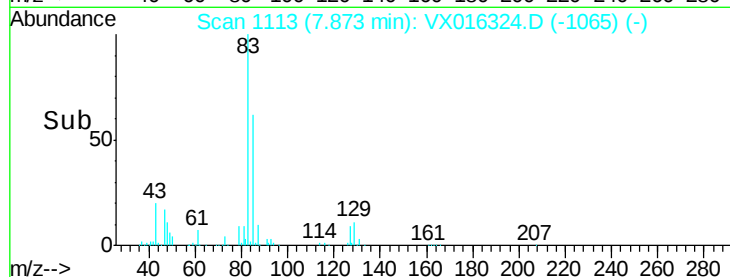
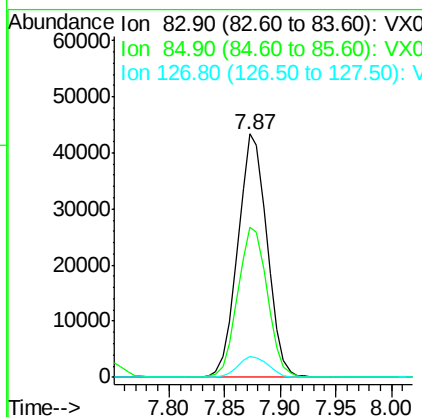
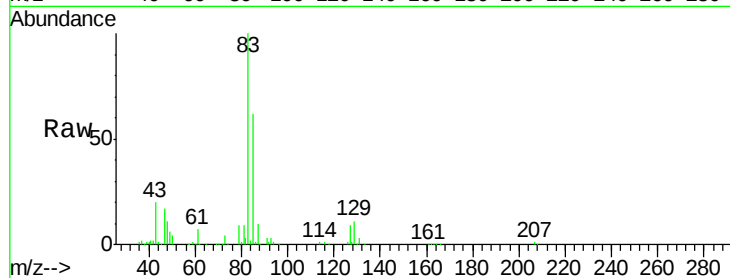
ClientSampleId :

VX0519WBS01

Tot Ion:	83	Resp:	79041
Ion Ratio	Lower	Upper	
83	100		
85	61.7	50.5	75.7
127	8.7	6.7	10.1

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#48

Methyl methacrylate

Concen: 17.156 ug/l

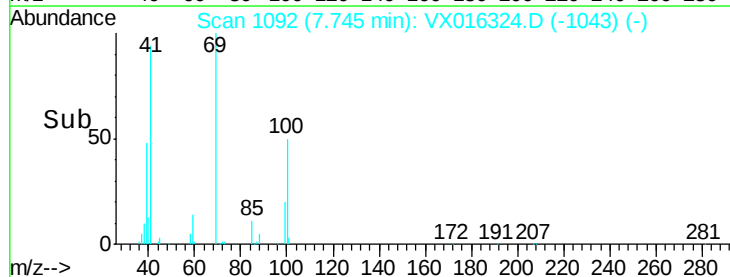
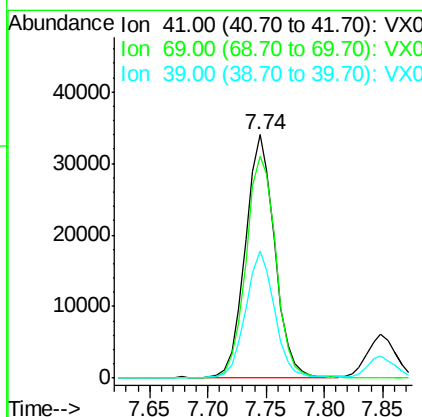
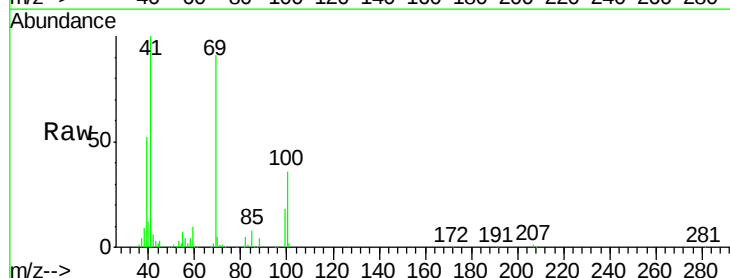
RT: 7.74 min Scan# 1092

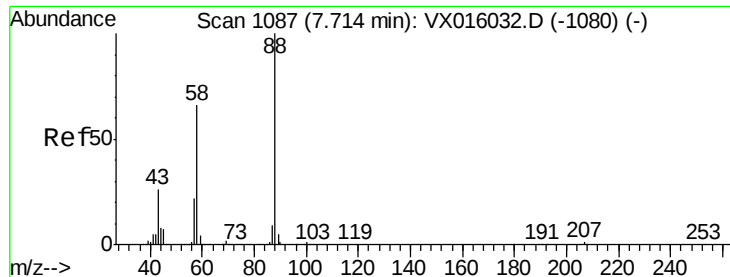
Delta R.T. -0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Tgt Ion:	41	Resp:	59477
Ion Ratio	Lower	Upper	
41	100		
69	93.9	67.8	101.6
39	52.0	44.6	67.0





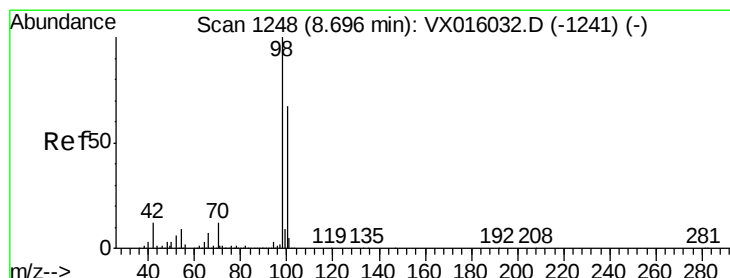
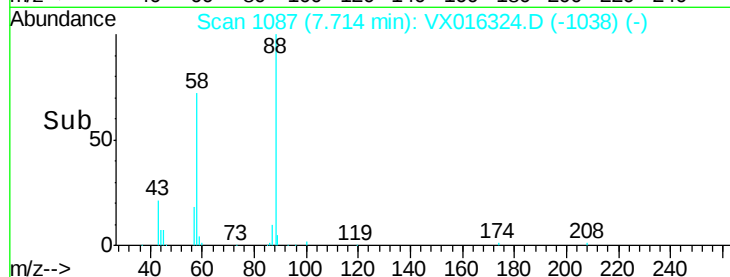
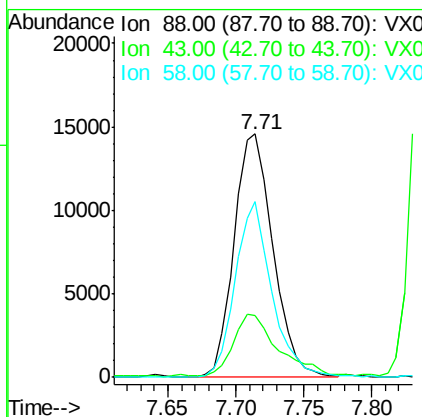
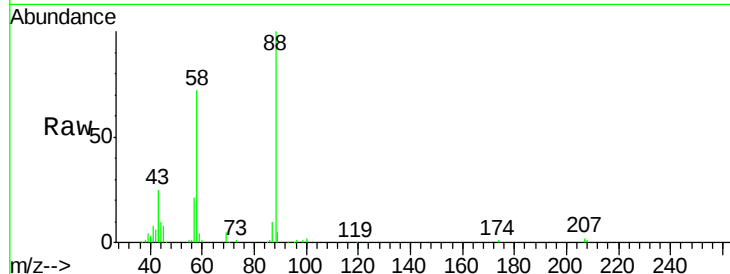
#49
1,4-Dioxane
Concen: 350.795 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.3	25.3	37.9
58	68.2	55.9	83.9

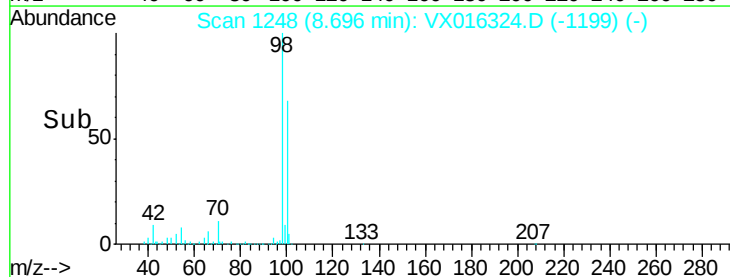
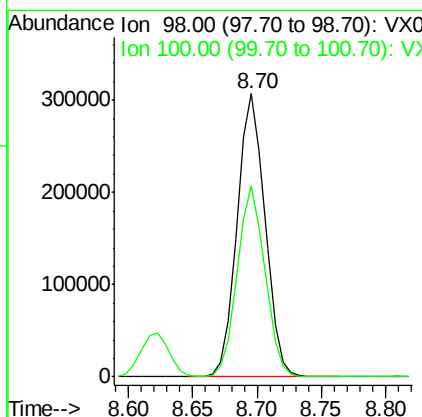
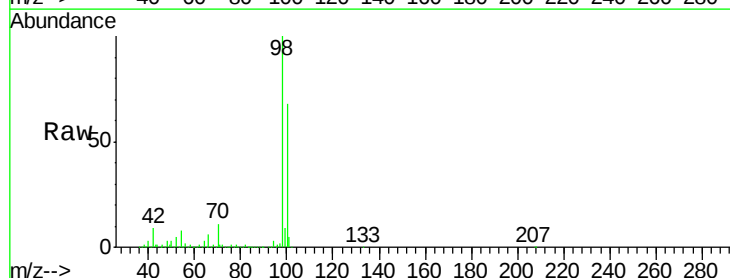
Manual Integrations
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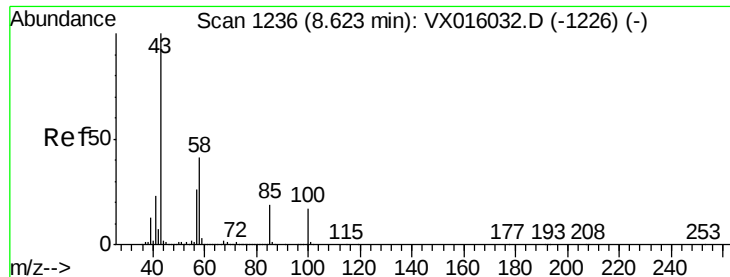
MMDadoda
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#50
Toluene-d8
Concen: 47.102 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.7	80.5





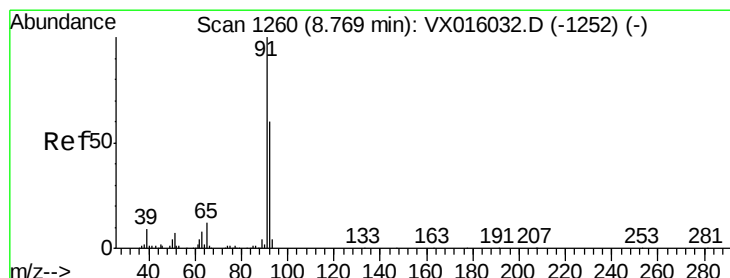
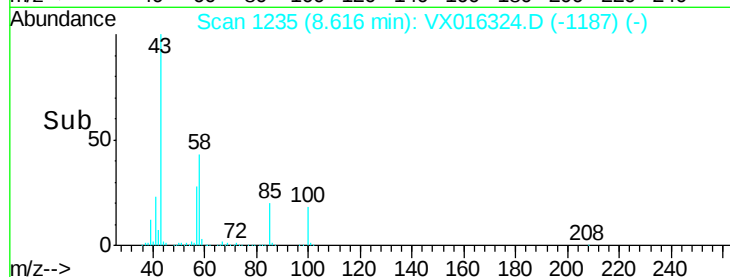
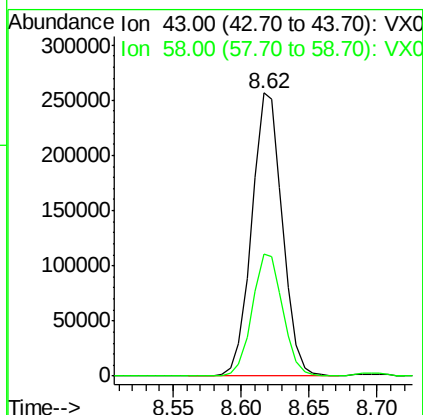
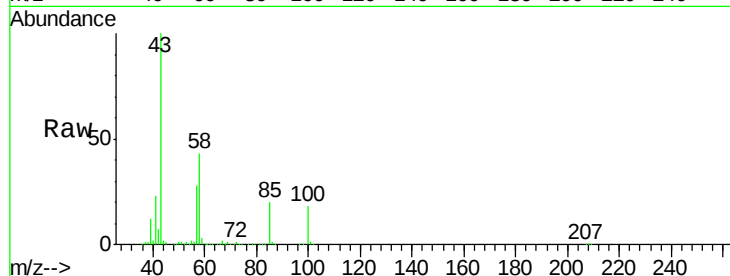
#51
4-Methyl-2-Pentanone
Concen: 90.255 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	43.3	33.0	49.4

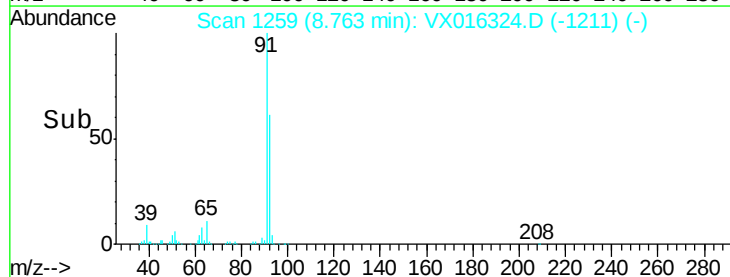
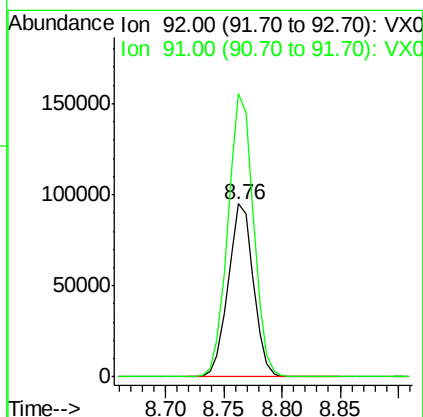
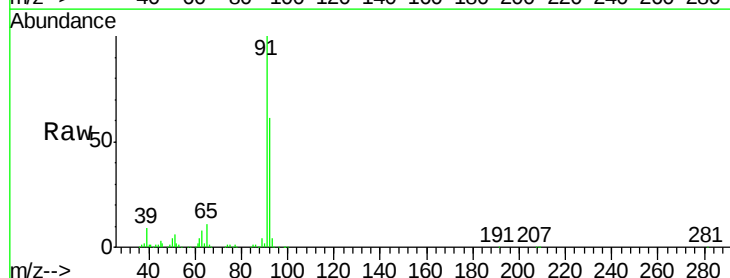
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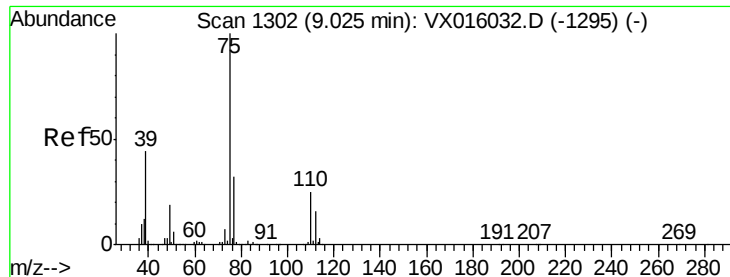
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#52
Toluene
Concen: 19.910 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Tgt Ion	Ratio	Lower	Upper
92	100		
91	165.5	134.5	201.7





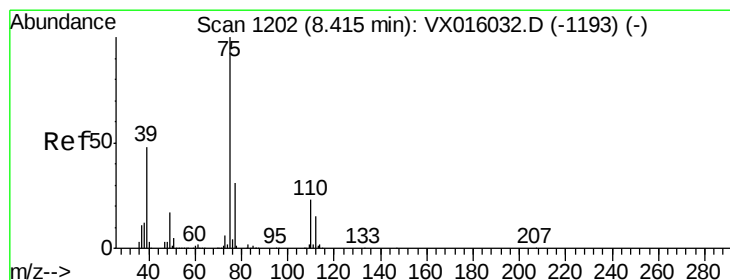
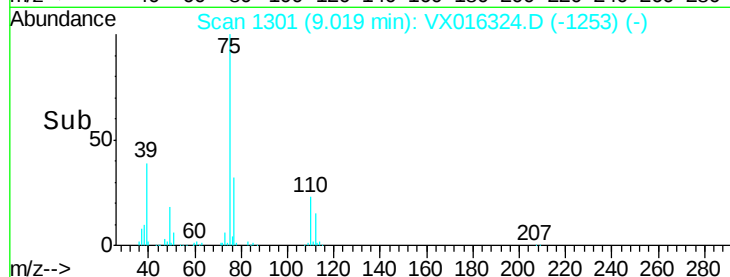
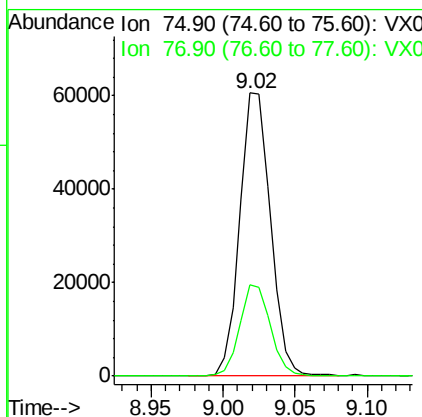
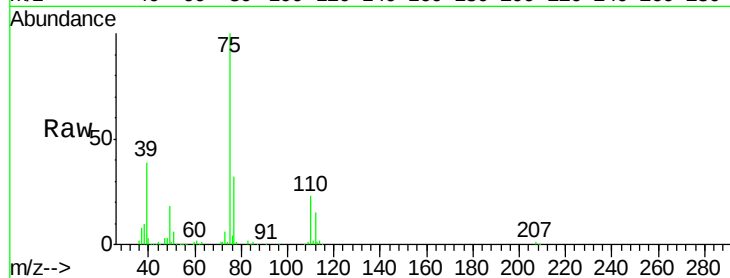
#53
t-1,3-Dichloropropene
Concen: 18.615 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.4	25.7	38.5

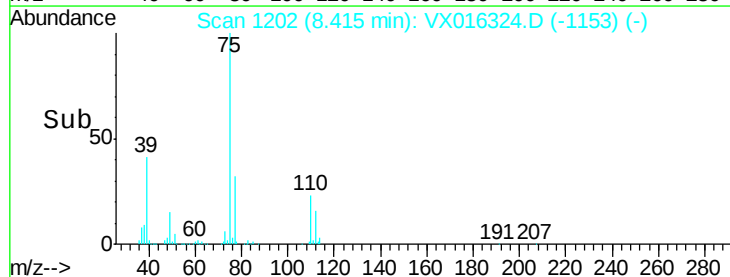
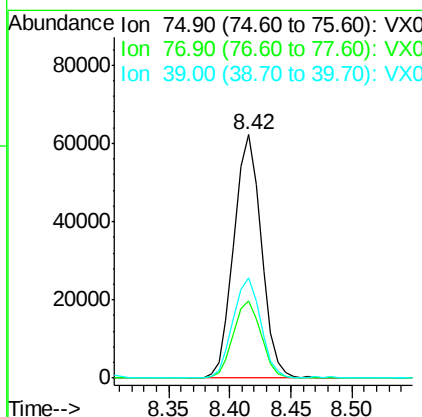
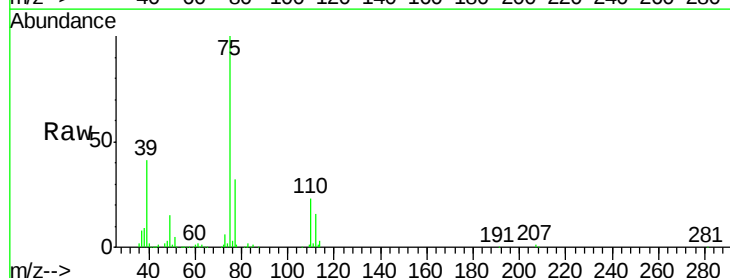
Manual Integrations
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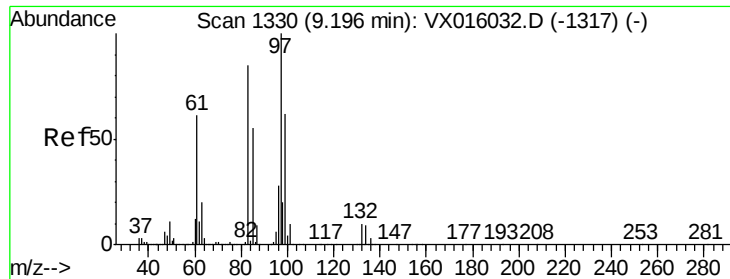
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#54
cis-1,3-Dichloropropene
Concen: 19.164 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	24.7	37.1
39	41.1	38.7	58.1





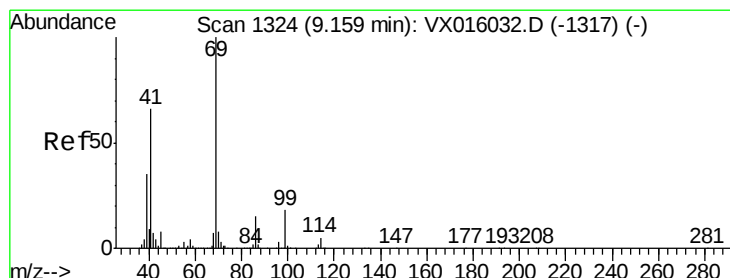
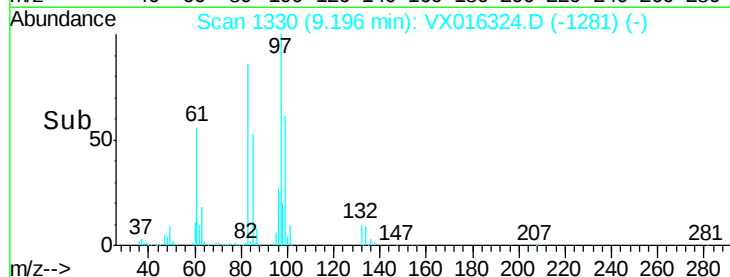
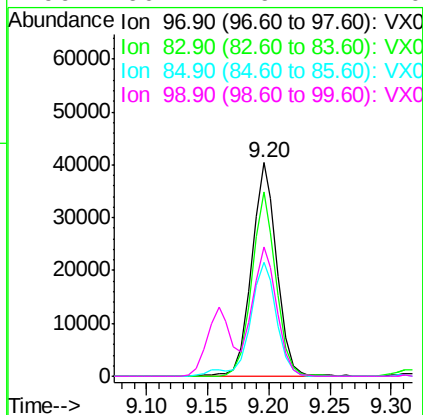
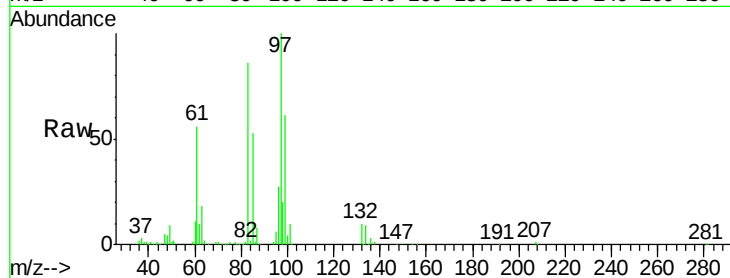
#55
 1,1,2-Trichloroethane
 Concen: 20.361 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016324.D
 Acq: 19 May 2020 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0519WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		57804		
83	86.1	67.8	101.8		
85	53.2	43.8	65.8		
99	60.4	49.4	74.0		

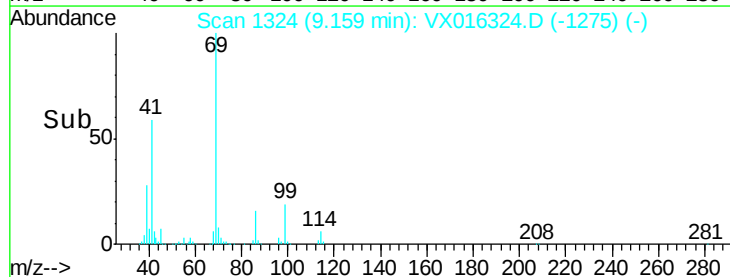
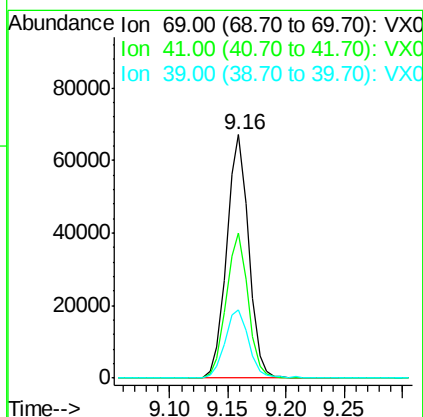
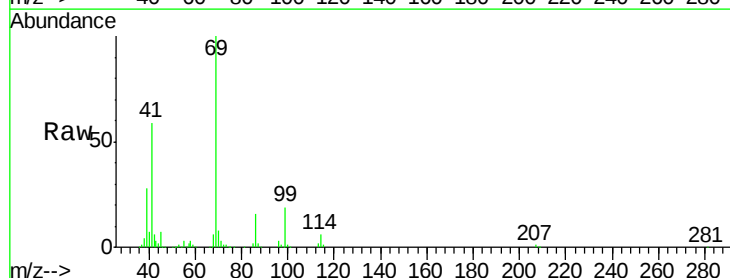
Manual Integrations
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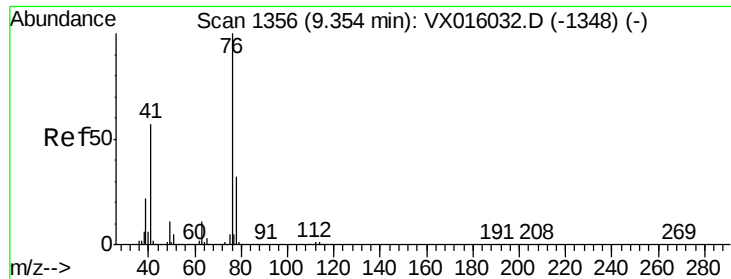
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#56
 Ethyl methacrylate
 Concen: 19.007 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016324.D
 Acq: 19 May 2020 11:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		88080		
41	59.2	52.2	78.4		
39	30.1	28.2	42.4		





#57

1,3-Dichloropropane

Concen: 19.518 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0519WBS01

Tot Ion: 76 Resp: 96687

Ion Ratio Lower Upper

76 100

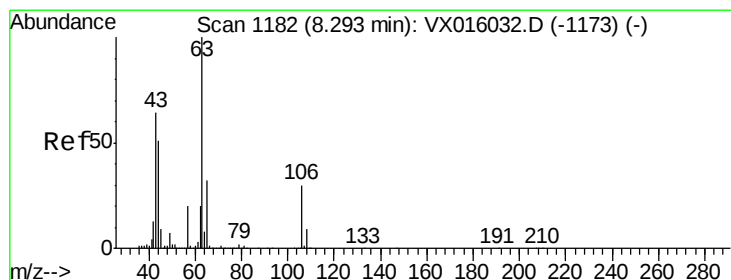
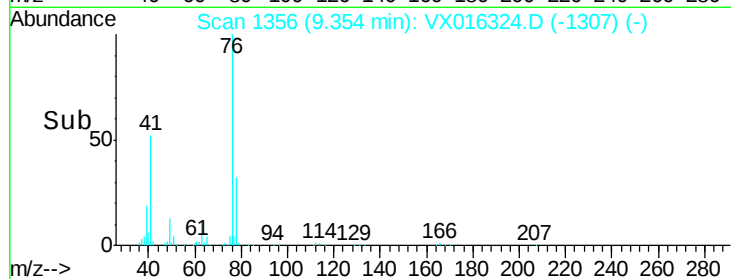
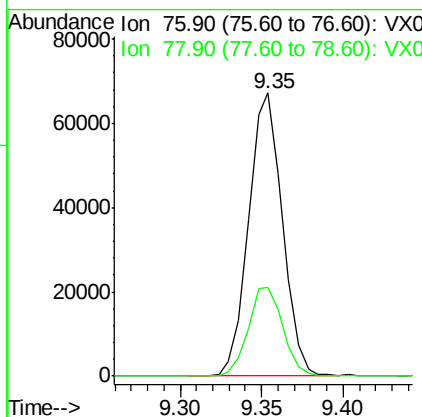
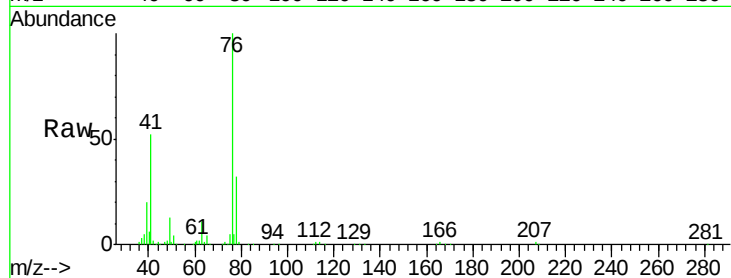
78 32.4 25.9 38.9

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#58

2-Chloroethyl Vinyl ether

Concen: 85.962 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016324.D

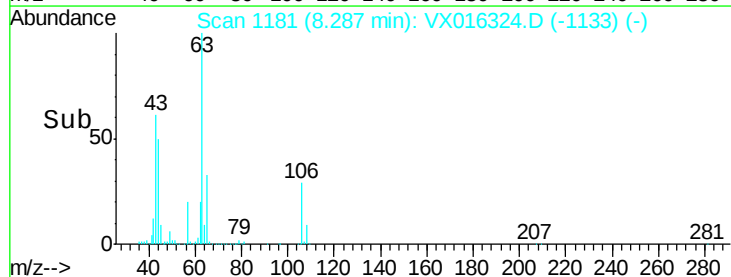
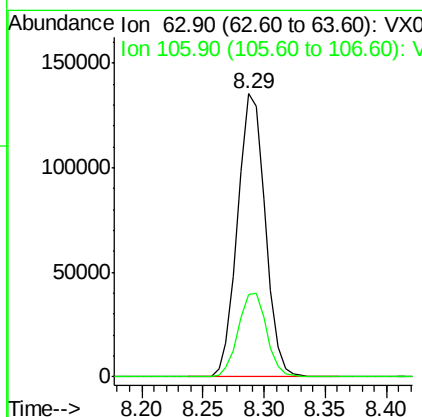
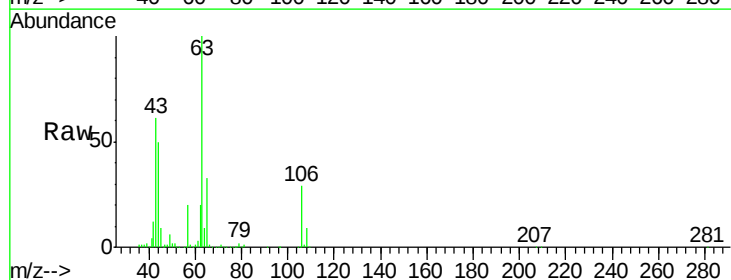
Acq: 19 May 2020 11:06

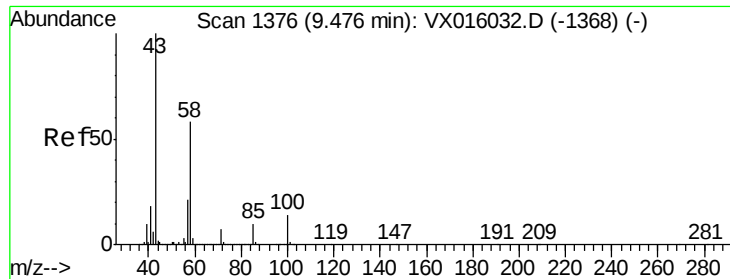
Tgt Ion: 63 Resp: 212072

Ion Ratio Lower Upper

63 100

106 30.4 23.4 35.2





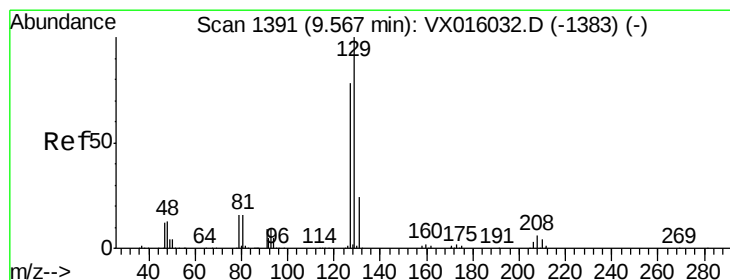
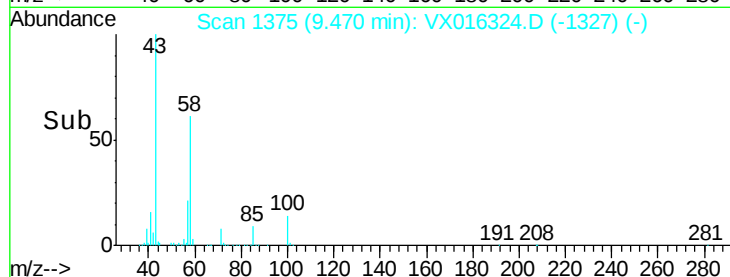
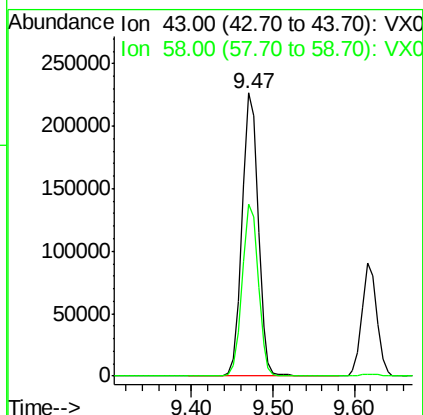
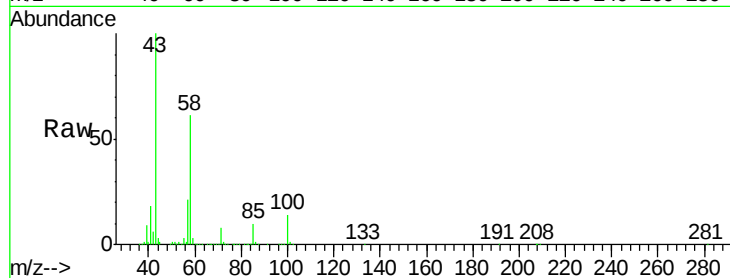
#59
2-Hexanone
Concen: 87.329 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

Tot Ion: 43 Resp: 307058
Ion Ratio Lower Upper
43 100
58 60.7 28.6 85.9

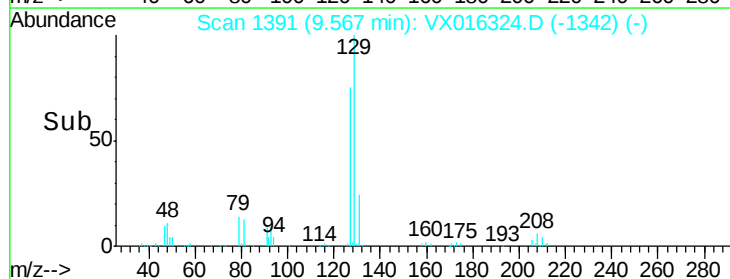
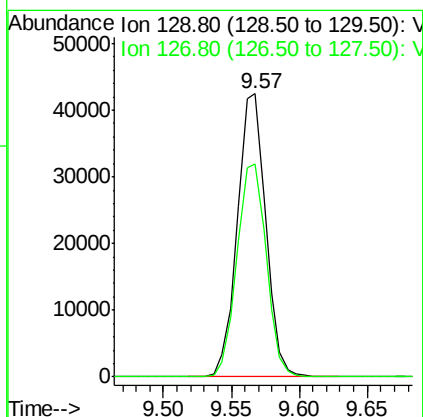
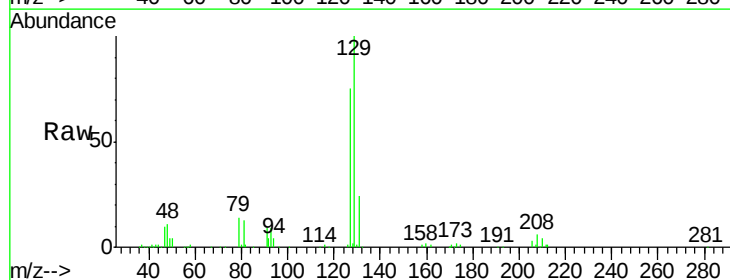
Manual Integrations
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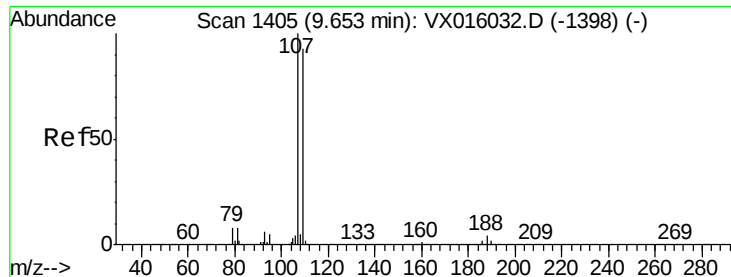
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#60
Dibromochloromethane
Concen: 19.787 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Tgt Ion:129 Resp: 61866
Ion Ratio Lower Upper
129 100
127 77.9 38.4 115.2





#61

1,2-Dibromoethane

Concen: 19.393 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0519WBS01

Tot Ion:107 Resp: 59634

Ion Ratio Lower Upper

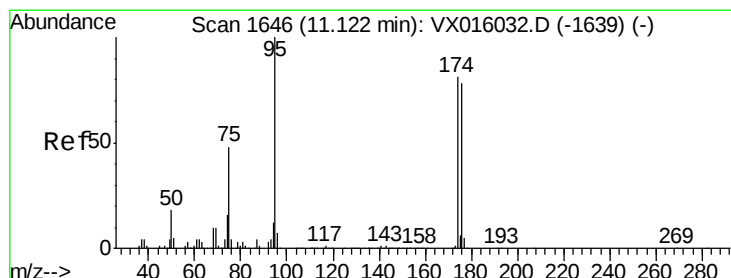
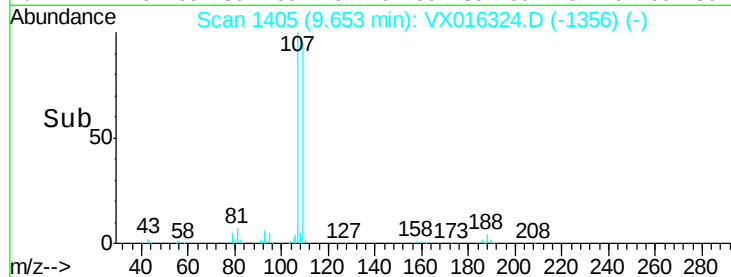
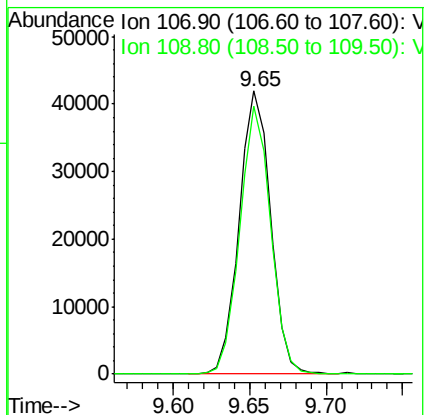
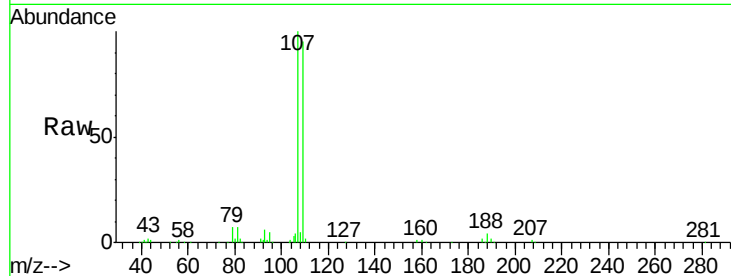
107 100

109 93.2 74.9 112.3

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 46.880 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

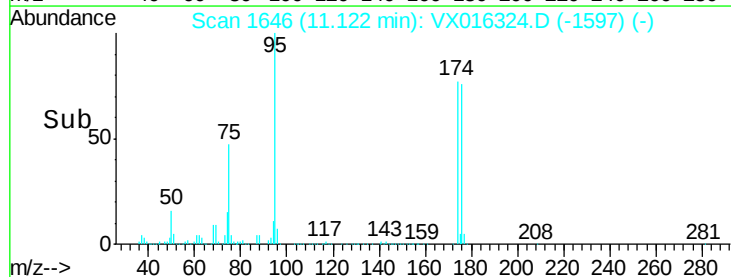
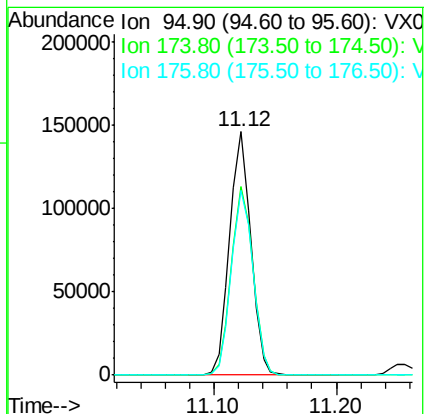
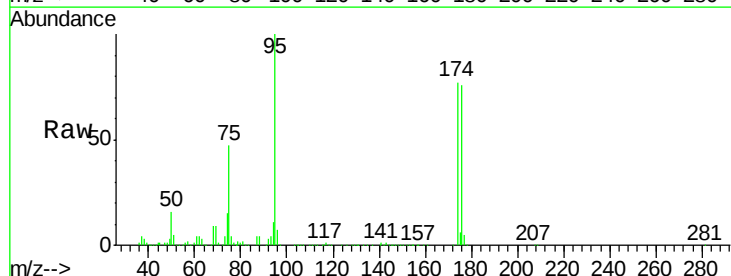
Tgt Ion: 95 Resp: 174947

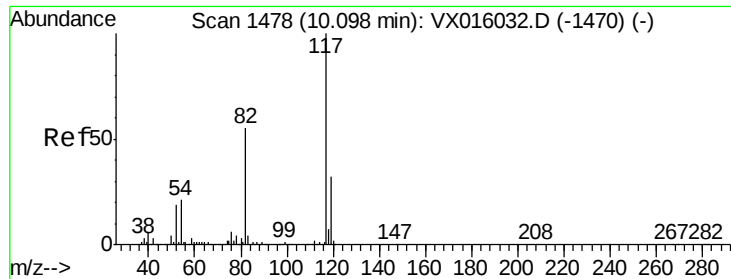
Ion Ratio Lower Upper

95 100

174 79.1 0.0 159.4

176 77.5 0.0 157.6





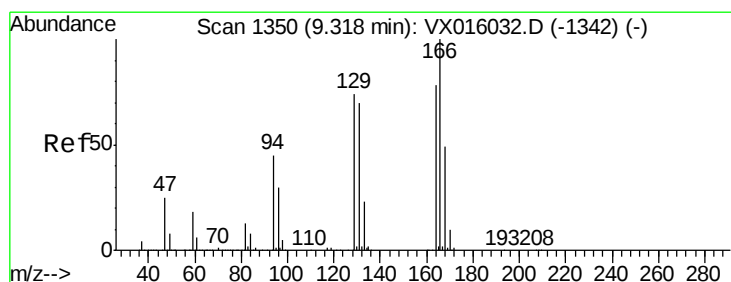
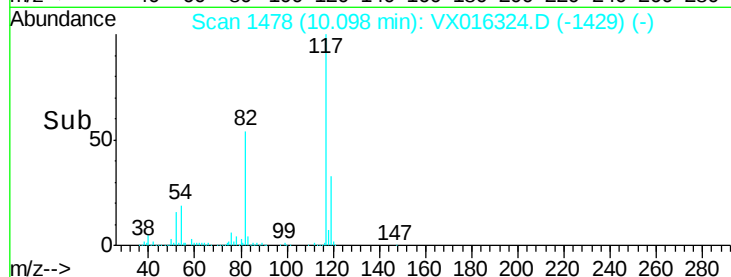
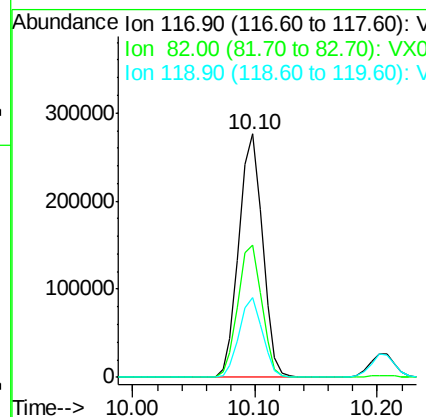
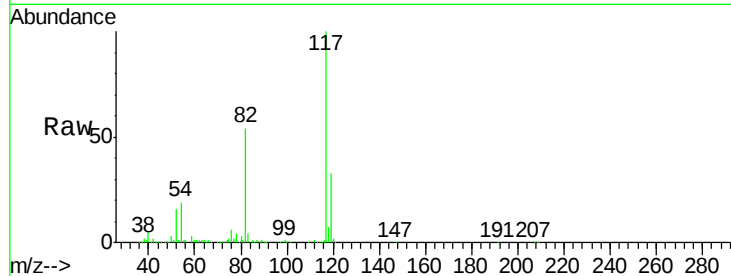
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	369209		
82	54.3		44.4	66.6
119	32.8		25.5	38.3

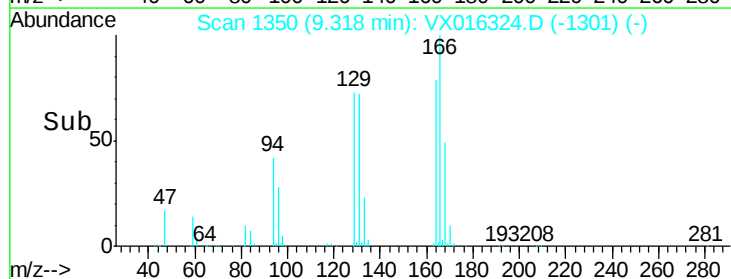
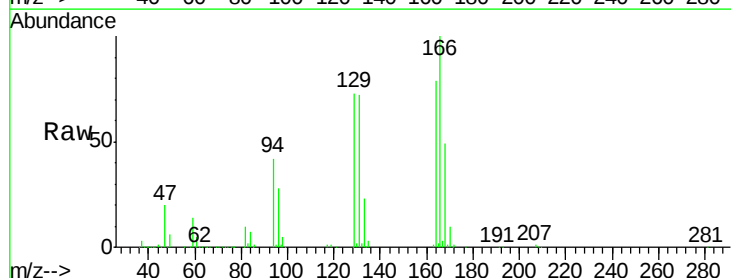
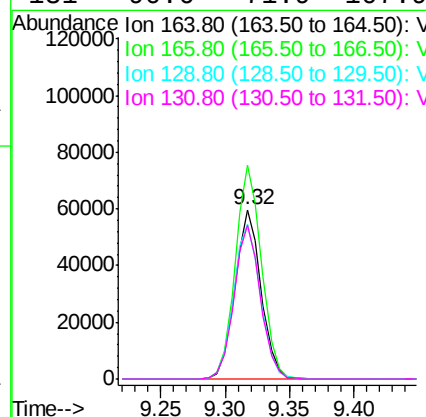
Manual Integrations
APPROVED

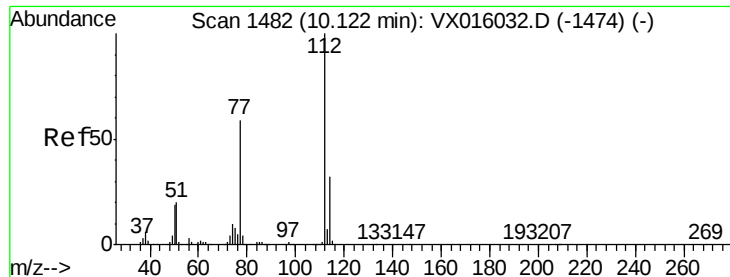
MMDadoda
5/21/2020 1:11:54 PM



#64
Tetrachloroethene
Concen: 18.589 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	84254		
166	126.4		102.9	154.3
129	91.8		76.1	114.1
131	90.6		71.9	107.9





#65

Chlorobenzene

Concen: 19.800 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampled :

VX0519WBS01

Tot Ion:112 Resp: 153070

Ion Ratio Lower Upper

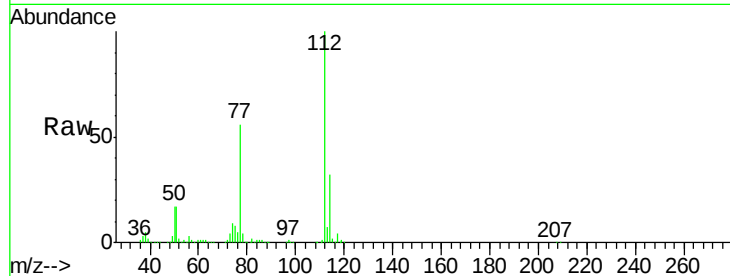
112 100

114 31.6 25.7 38.5

Manual Integrations
APPROVED

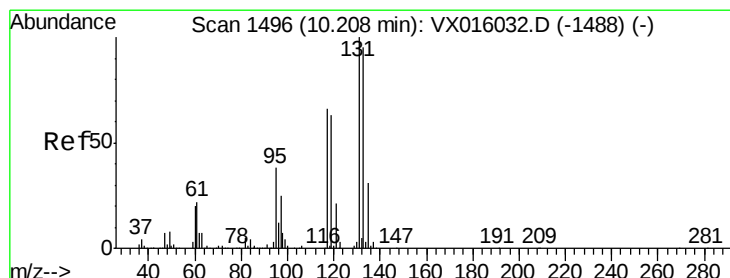
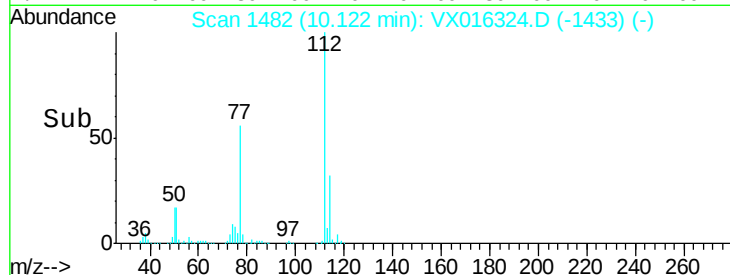
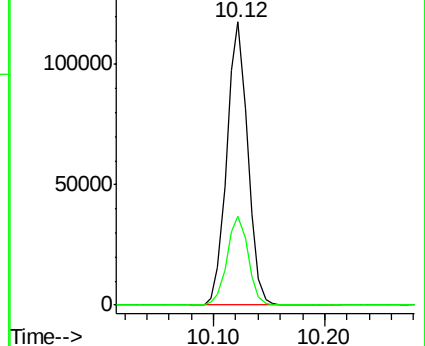
MMDadoda

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.183 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

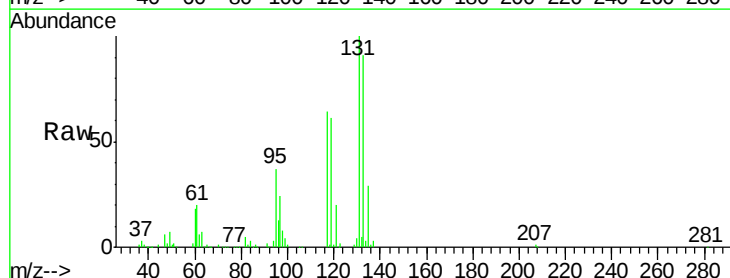
Tgt Ion:131 Resp: 57671

Ion Ratio Lower Upper

131 100

133 93.5 48.3 144.8

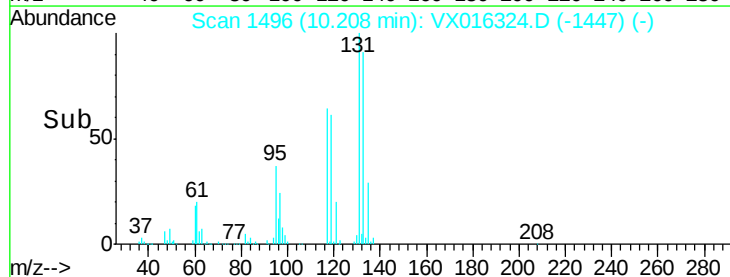
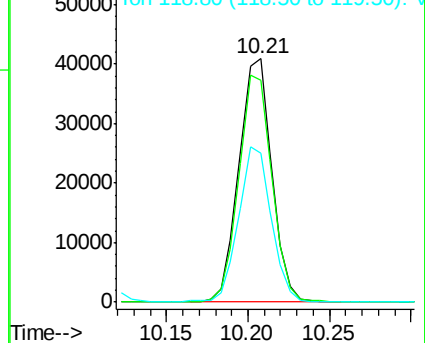
119 63.3 32.3 96.9

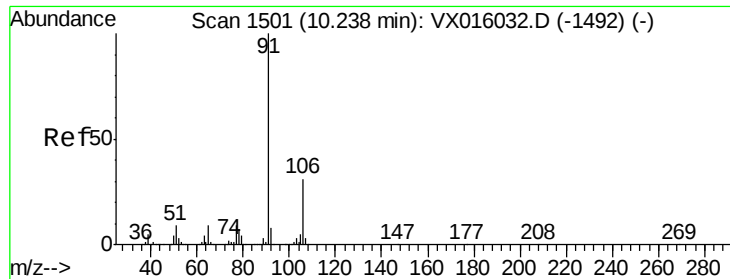


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





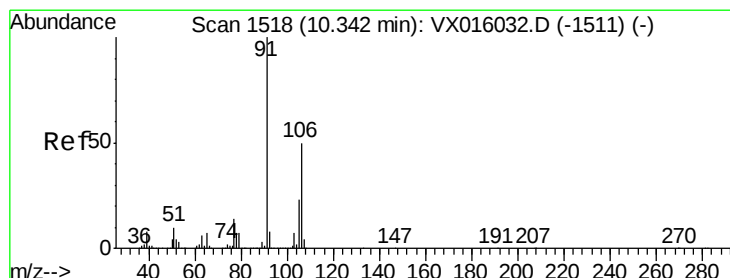
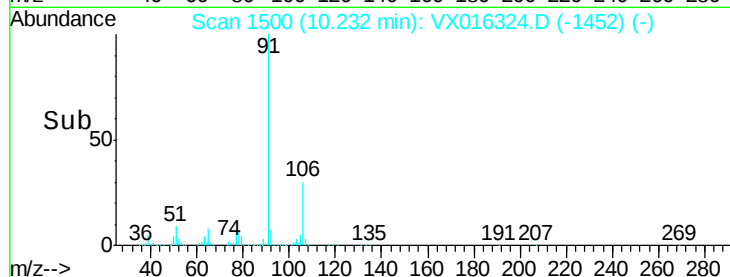
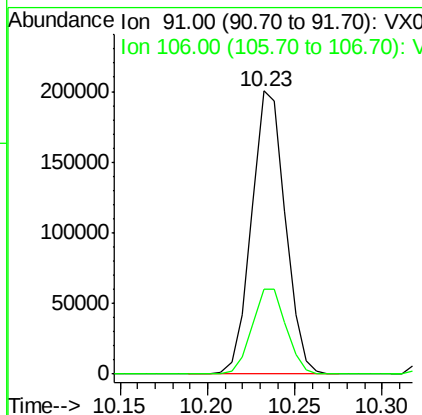
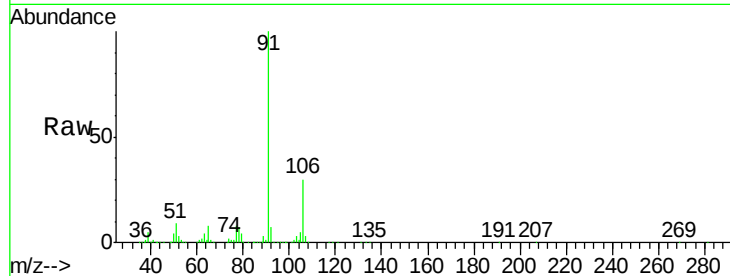
#67
Ethyl Benzene
Concen: 19.441 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

Tot Ion: 91 Resp: 268166
Ion Ratio Lower Upper
91 100
106 30.2 25.1 37.7

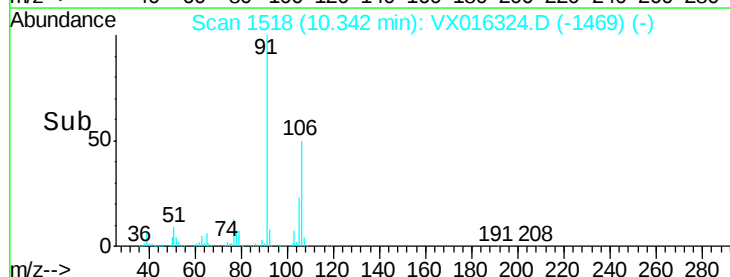
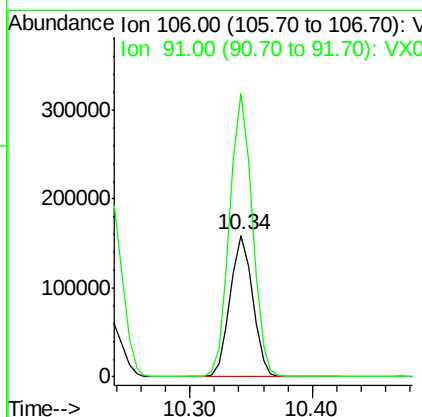
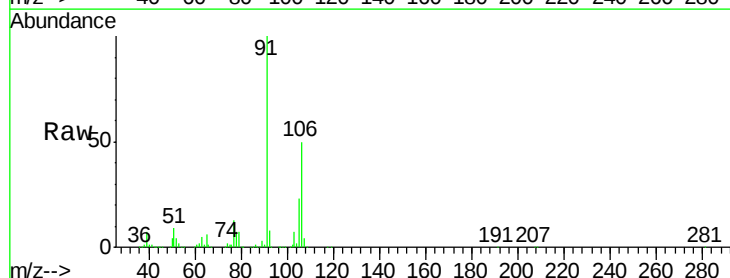
Manual Integrations
APPROVED

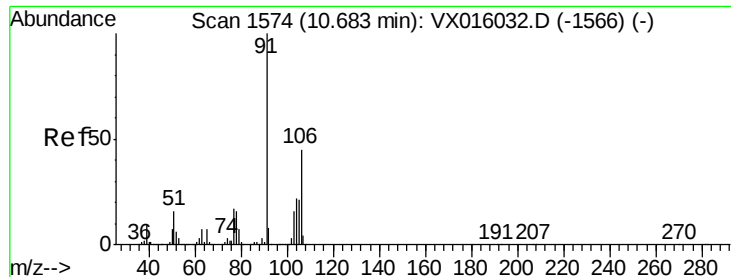
MMDadoda
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#68
m/p-Xylenes
Concen: 39.258 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Tgt Ion: 106 Resp: 202886
Ion Ratio Lower Upper
106 100
91 201.6 161.7 242.5





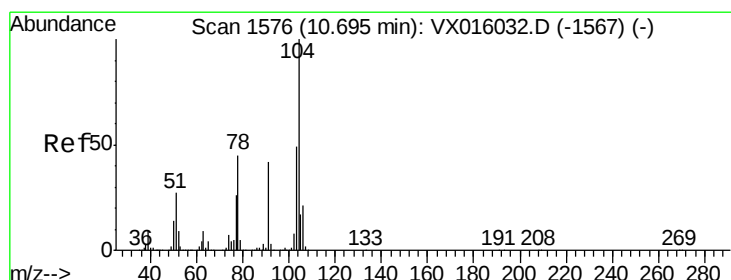
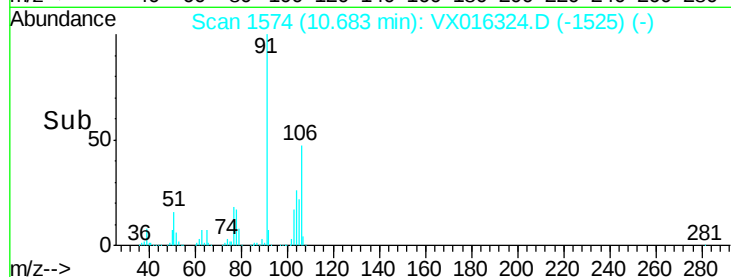
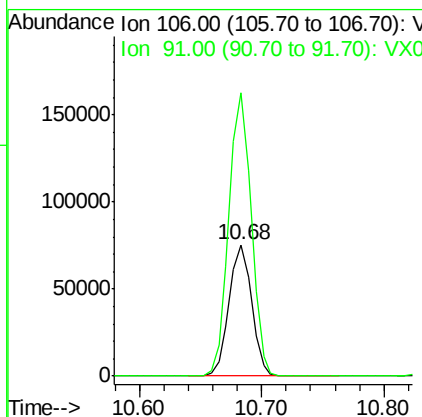
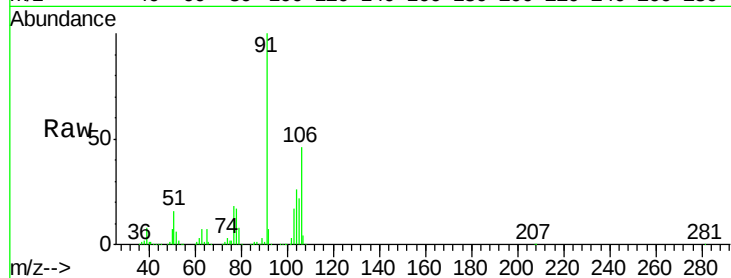
#69
o-Xylene
Concen: 19.351 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	106	100		
91	91	214.7	107.5	322.6

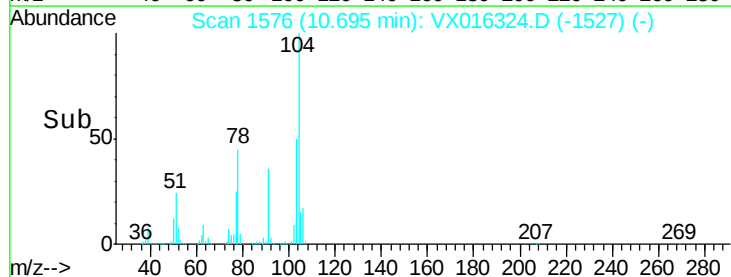
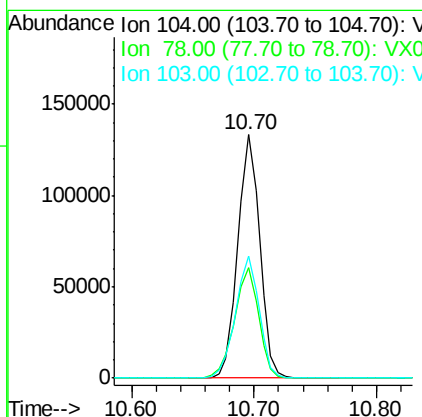
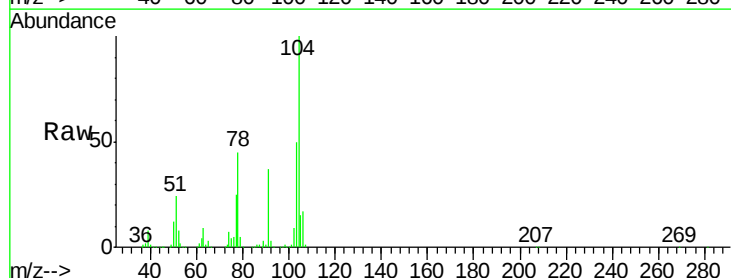
Manual Integrations
APPROVED

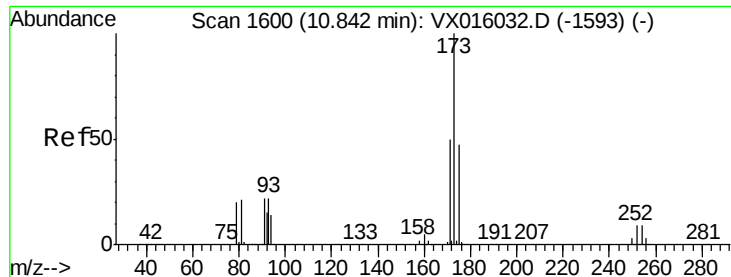
MMDadoda
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#70
Styrene
Concen: 19.591 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Tgt Ion	Ion	Ratio	Lower	Upper
104	104	100		
78	78	50.0	40.2	60.2
103	103	54.1	43.0	64.6





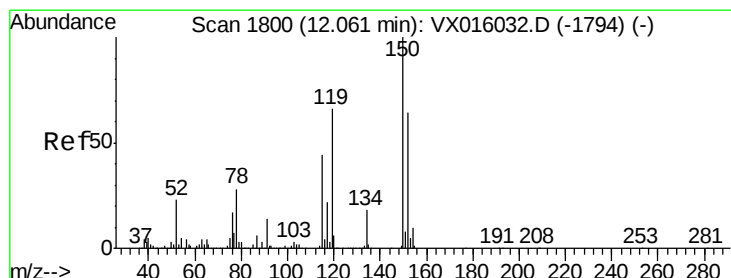
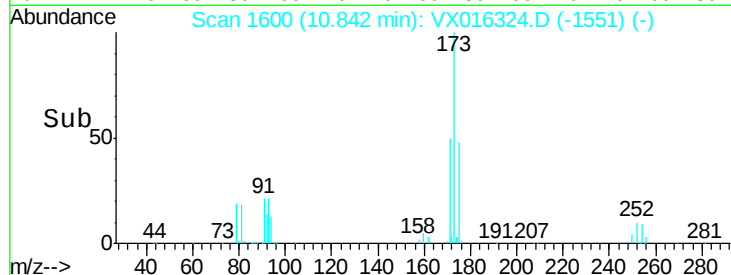
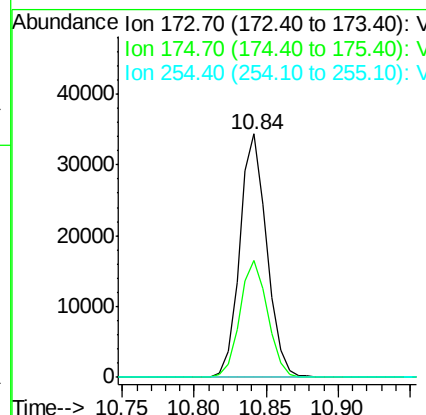
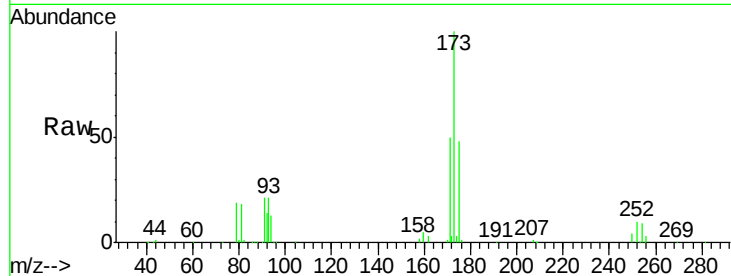
#71
Bromoform
Concen: 19.284 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.6	24.0	72.0
254	0.1	0.1	0.1

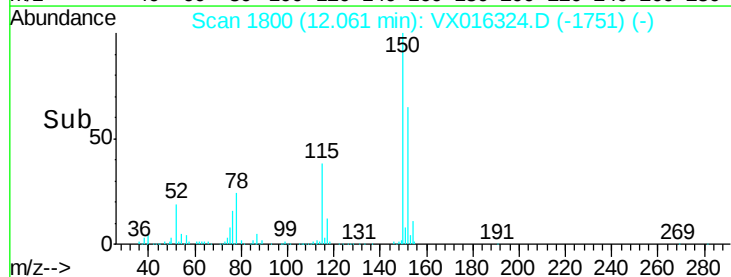
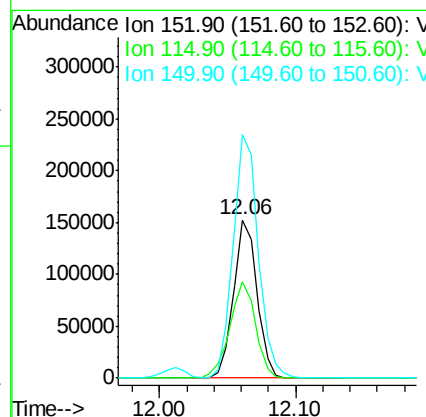
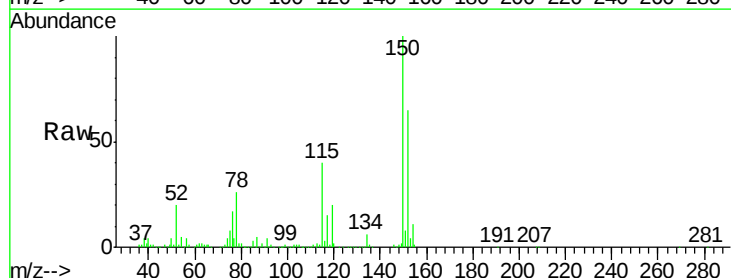
Manual Integrations
APPROVED

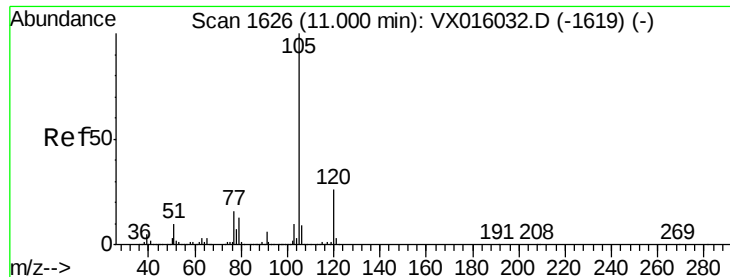
MMDadoda
5/21/2020 1:11:54 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.9	41.3	124.1
150	165.2	0.0	352.2





#73

Isopropylbenzene

Concen: 19.125 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0519WBS01

Tot Ion: 105 Resp: 254168

Ion Ratio Lower Upper

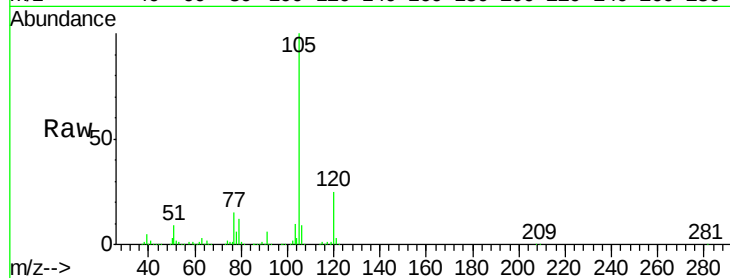
105 100

120 26.2 13.4 40.2

Manual Integrations
APPROVED

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

200000

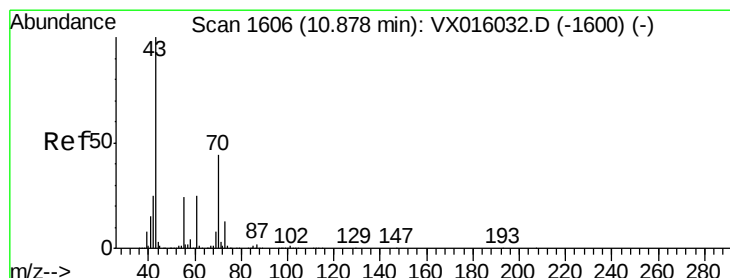
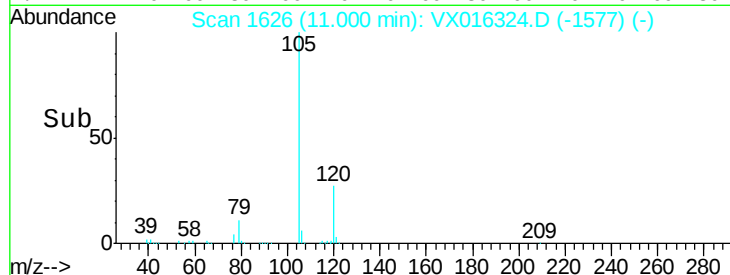
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 17.616 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Tgt Ion: 43 Resp: 109204

Ion Ratio Lower Upper

43 100

70 47.6 36.5 54.7

55 26.6 19.7 29.5

61 27.0 20.9 31.3

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

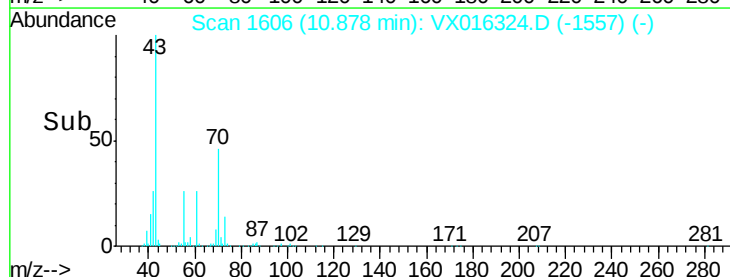
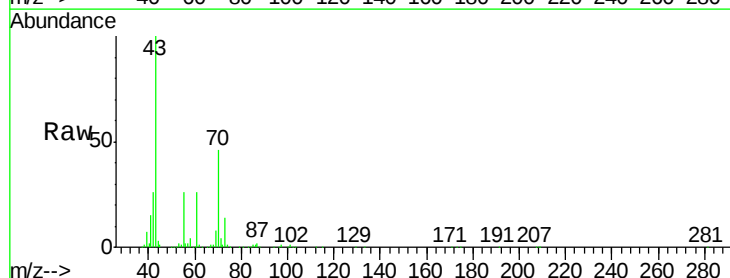
10.88

100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 24.207 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

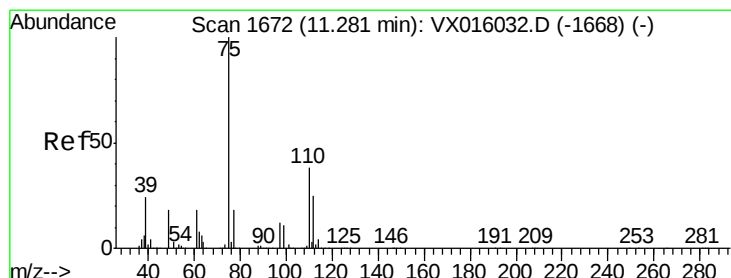
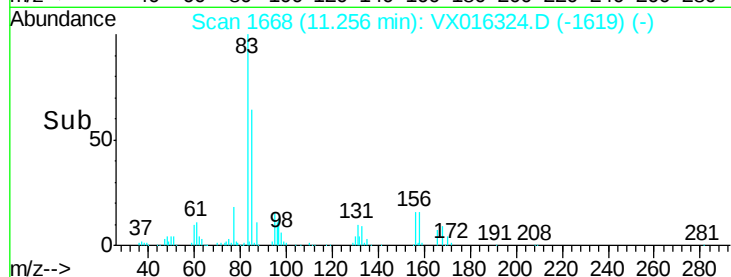
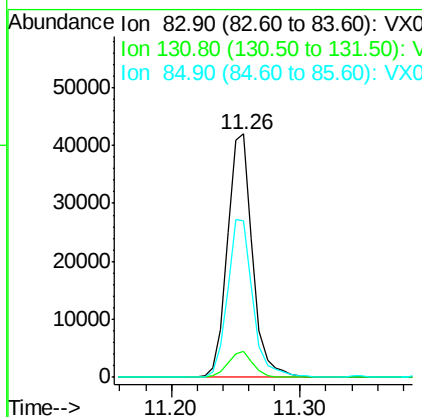
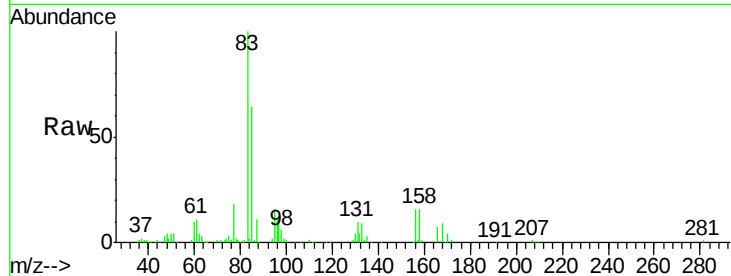
ClientSampleId :

VX0519WBS01

Tot Ion:	83	Resp:	57347
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.4
85	65.4	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.223 ug/l m

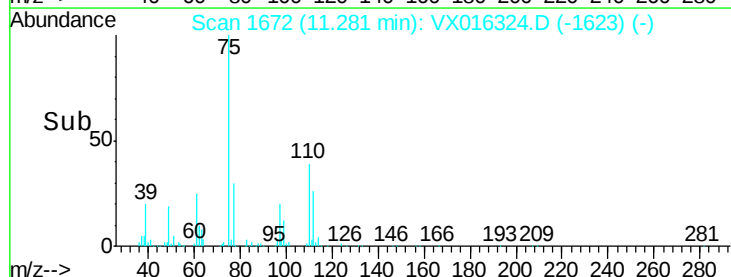
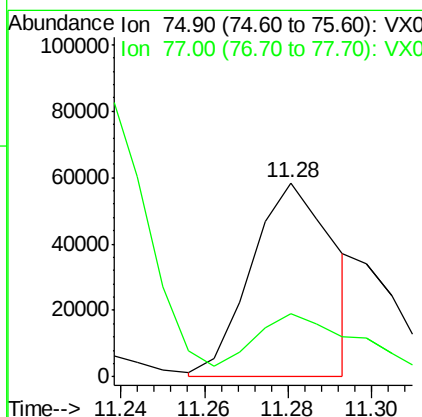
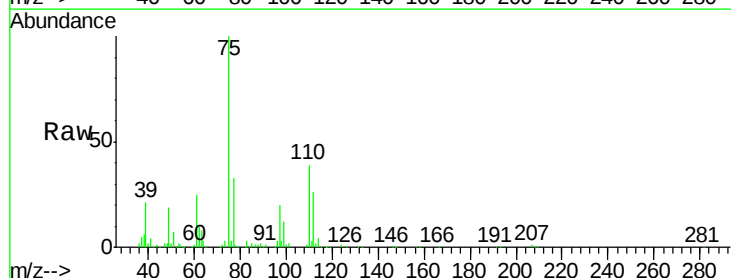
RT: 11.28 min Scan# 1672

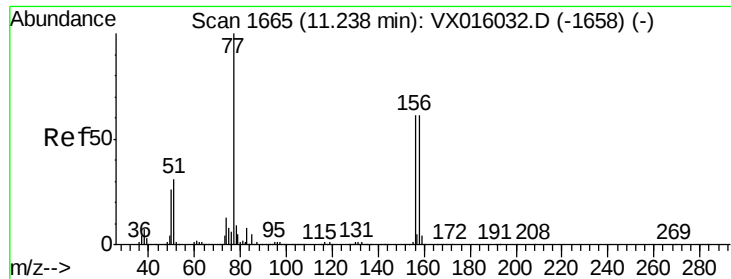
Delta R.T. -0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Tgt Ion:	75	Resp:	79705
Ion Ratio	Lower	Upper	
75	100		
77	42.3	21.2	63.6





#77

Bromobenzene

Concen: 19.039 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

ClientSampleId :

VX0519WBS01

Tot Ion:156 Resp: 65309

Ion Ratio Lower Upper

156 100

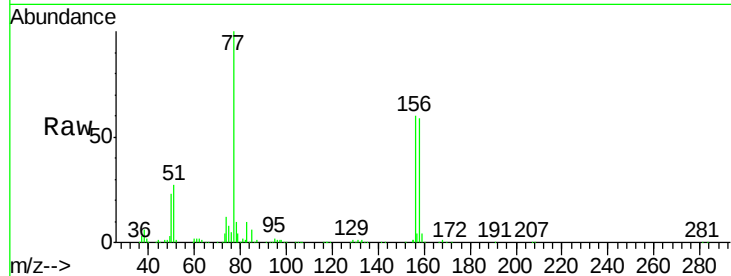
77 162.8 80.1 240.3

158 96.9 49.4 148.2

Manual Integrations
APPROVED

MMDadoda

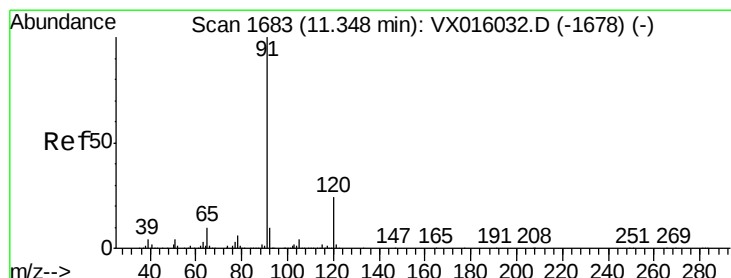
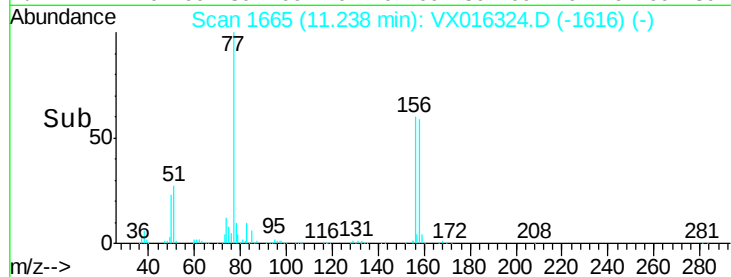
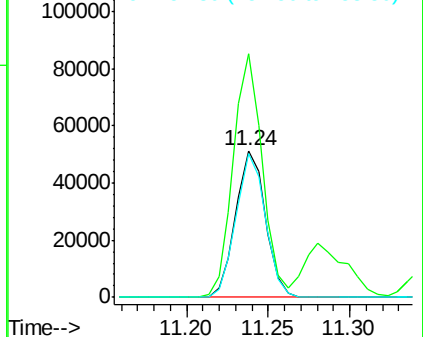
5/21/2020 1:11:54 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.188 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016324.D

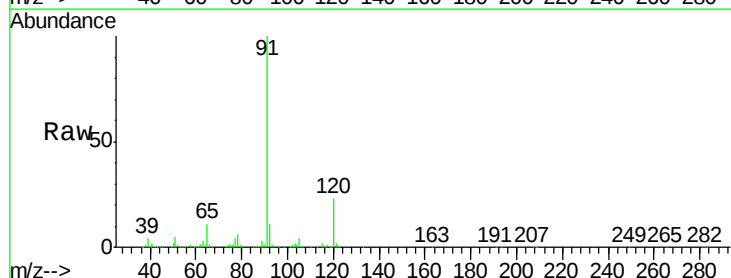
Acq: 19 May 2020 11:06

Tgt Ion: 91 Resp: 281205

Ion Ratio Lower Upper

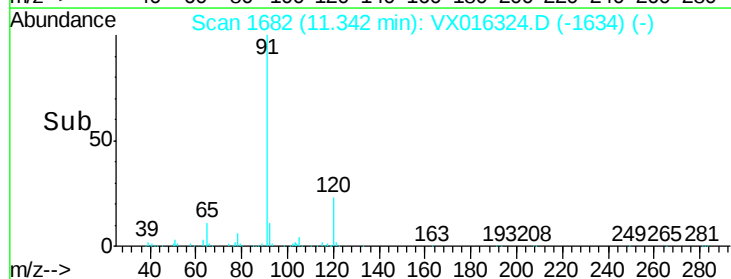
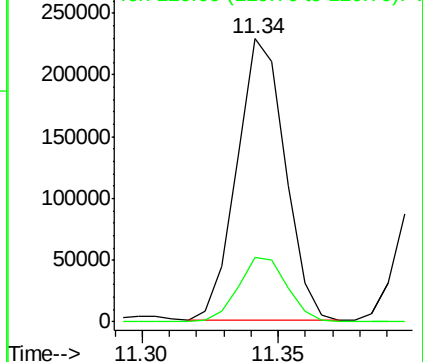
91 100

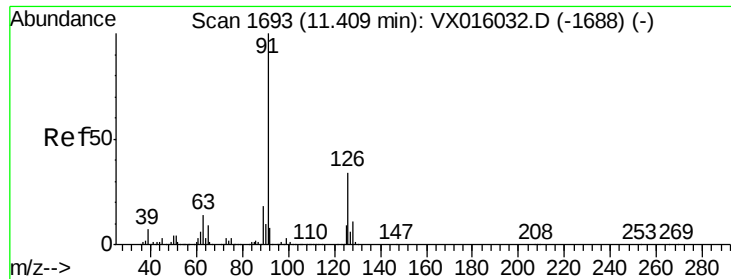
120 23.3 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





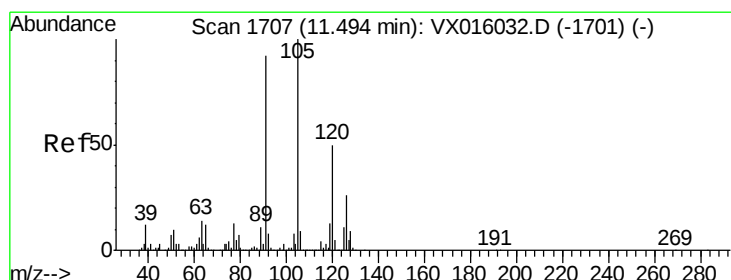
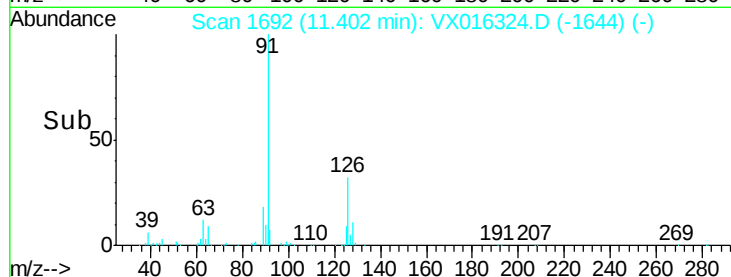
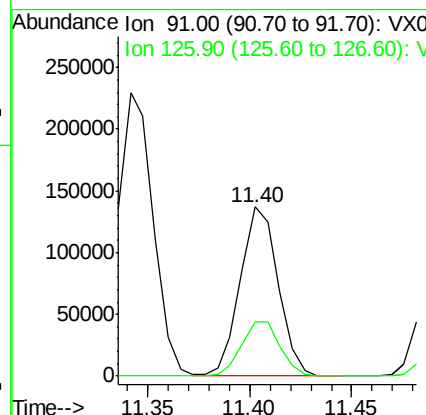
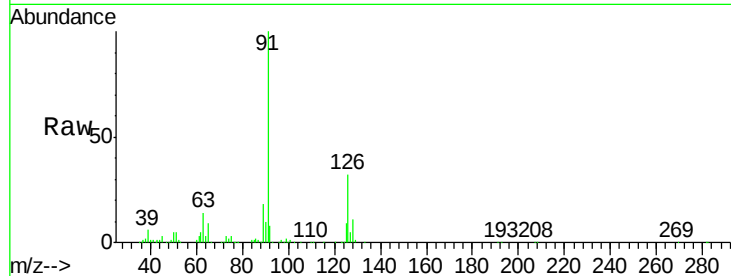
#79
 2-Chlorotoluene
 Concen: 19.249 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: VX016324.D
 Acq: 19 May 2020 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0519WBS01

Tot Ion: 91 Resp: 175668
 Ion Ratio Lower Upper
 91 100
 126 33.4 16.9 50.6

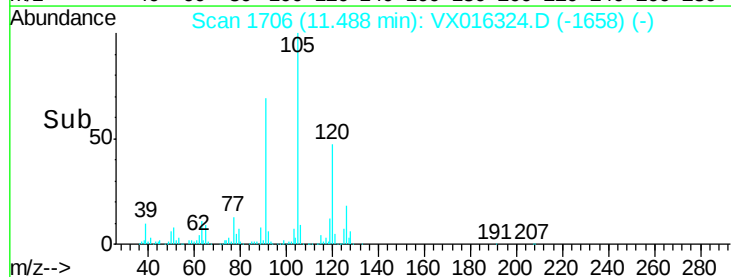
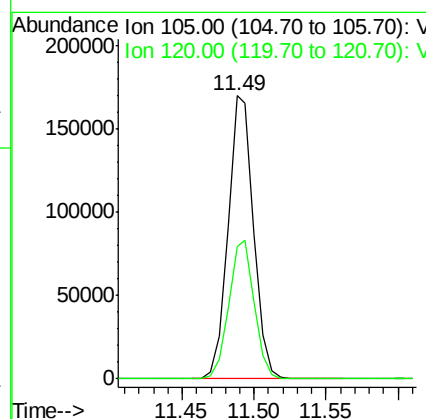
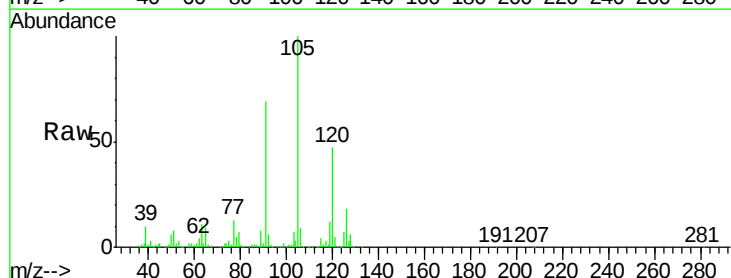
Manual Integrations
 APPROVED

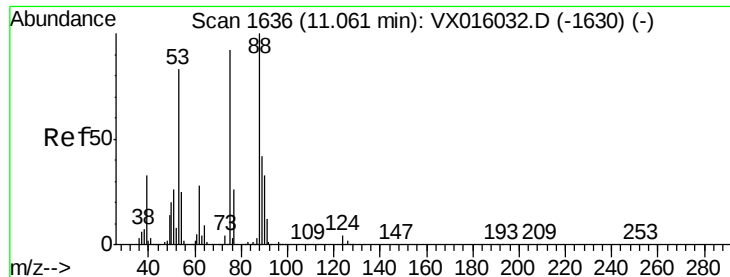
MMDadoda
 5/21/2020 1:11:54 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 18.853 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX016324.D
 Acq: 19 May 2020 11:06

Tgt Ion: 105 Resp: 211556
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.999 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

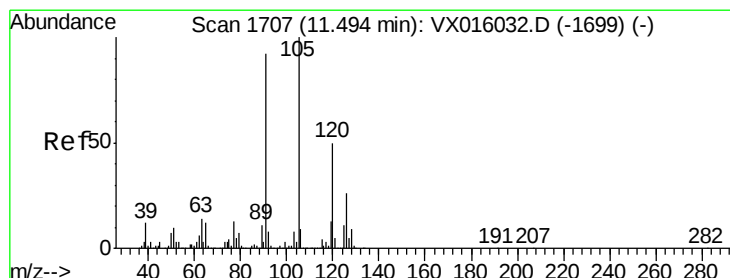
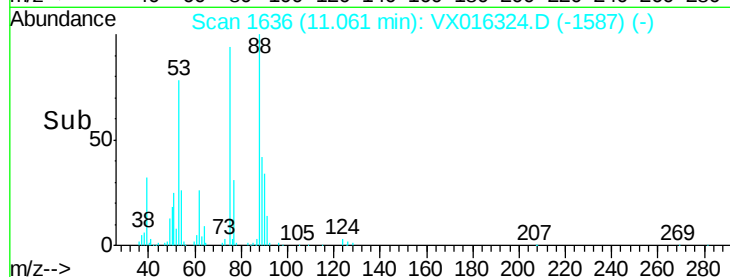
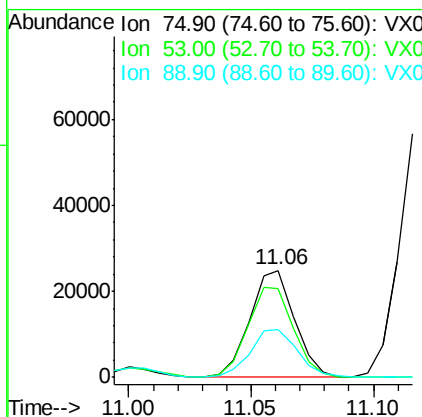
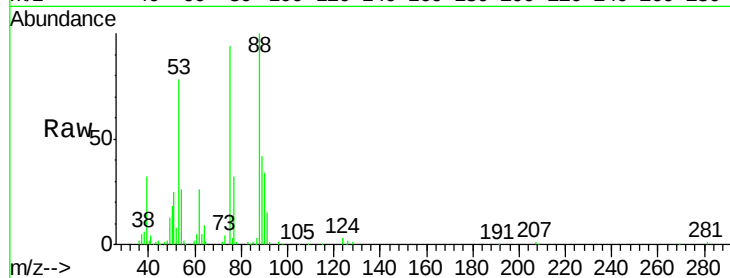
ClientSampleId :

VX0519WBS01

Tot Ion:	75	Resp:	31317
Ion Ratio	Lower	Upper	
75	100		
53	87.5	73.1	109.7
89	48.5	36.7	55.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 19.099 ug/l

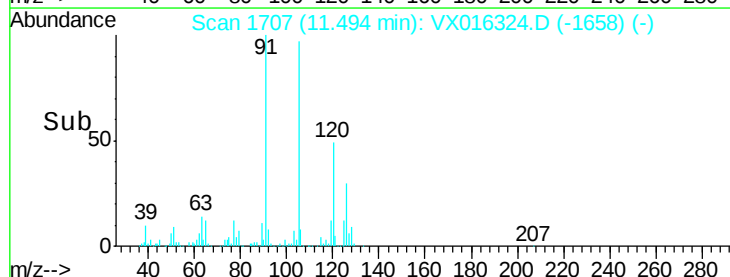
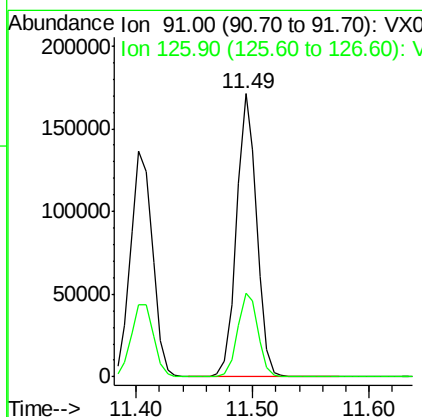
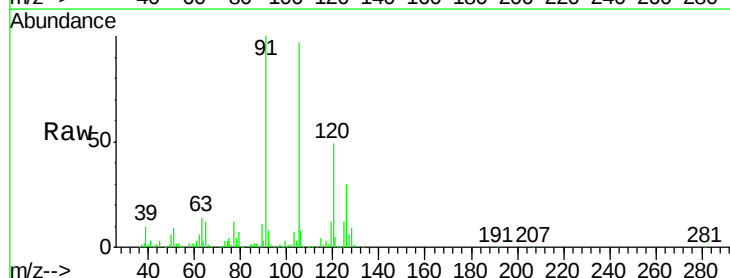
RT: 11.49 min Scan# 1707

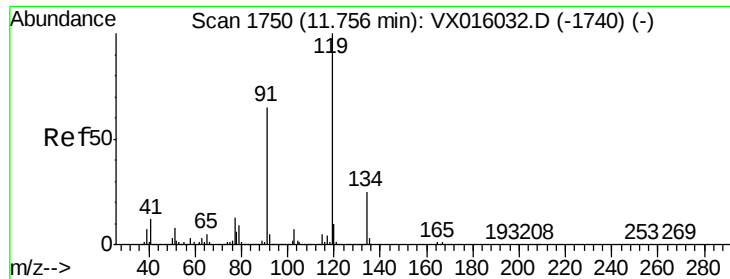
Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Tgt Ion:	91	Resp:	205832
Ion Ratio	Lower	Upper	
91	100		
126	30.1	14.8	44.3





#83

tert-Butylbenzene

Concen: 18.112 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

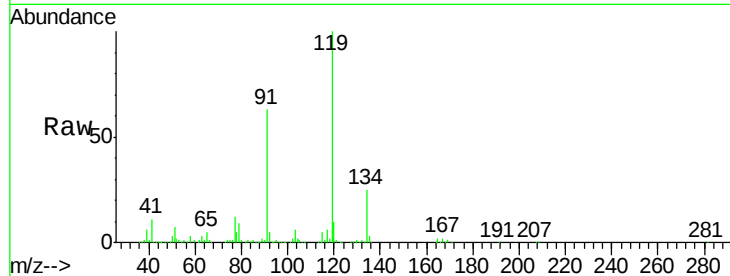
ClientSampleId :

VX0519WBS01

Tot Ion:	119	Resp:	175152
Ion Ratio	Lower	Upper	
119	100		
91	63.3	32.8	98.4
134	24.4	12.4	37.0

Manual Integrations
APPROVED

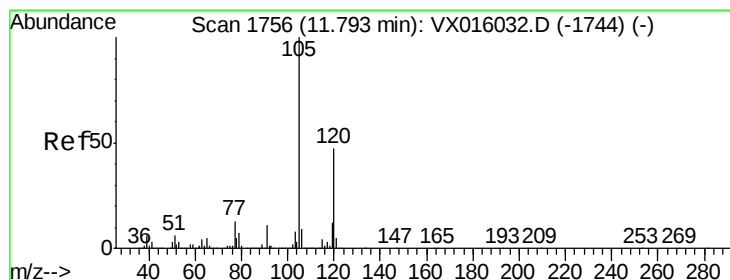
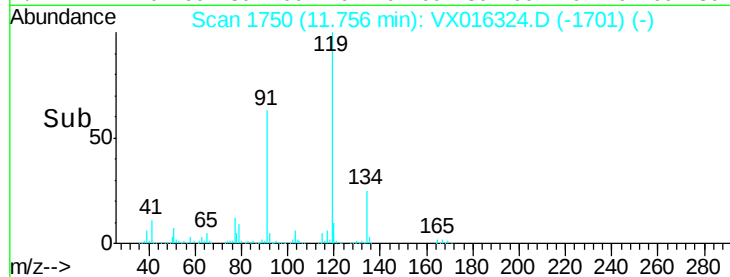
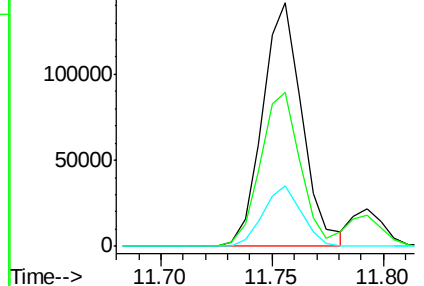
MMDadoda
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 18.846 ug/l

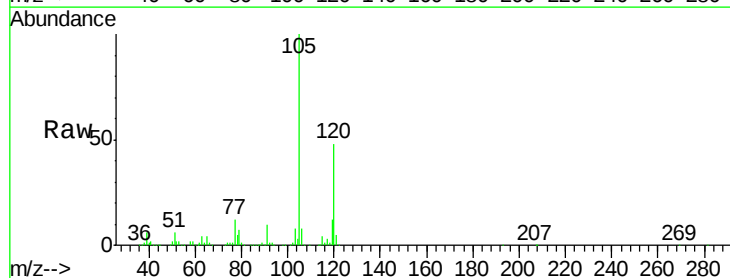
RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX016324.D

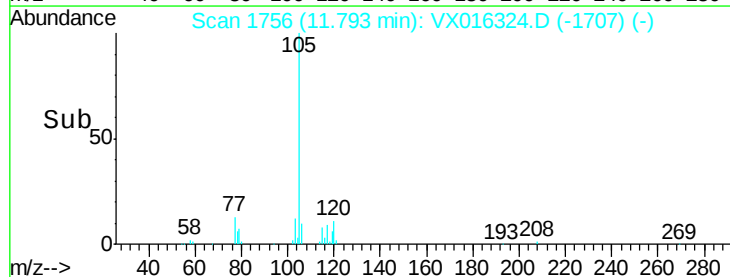
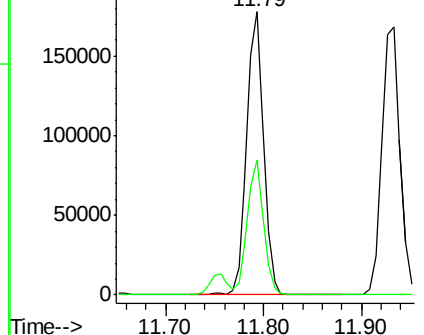
Acq: 19 May 2020 11:06

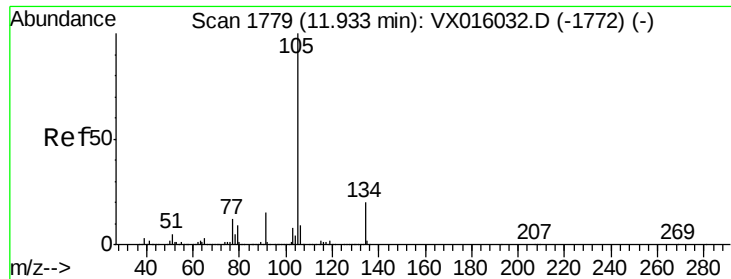
Tgt Ion:	105	Resp:	213804
Ion Ratio	Lower	Upper	
105	100		
120	45.8	23.0	69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





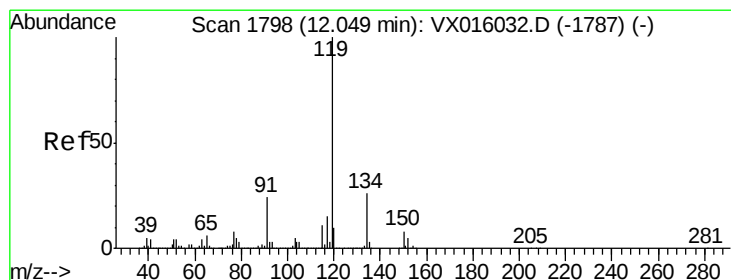
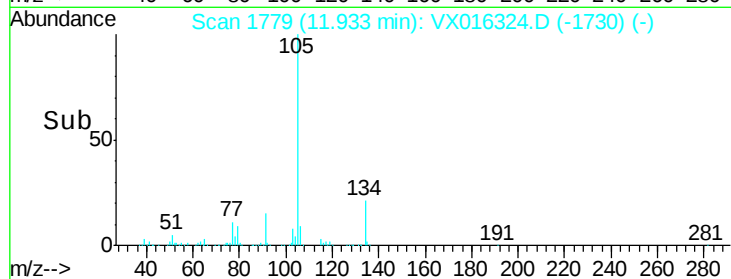
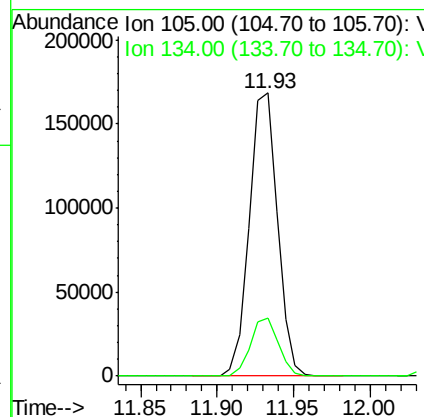
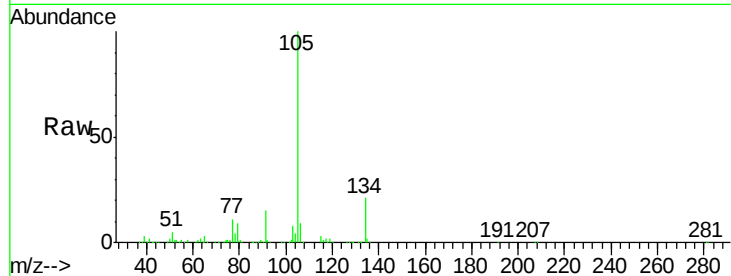
#85
 sec-Butylbenzene
 Concen: 16.484 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016324.D
 Acq: 19 May 2020 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0519WBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	10.1	30.3

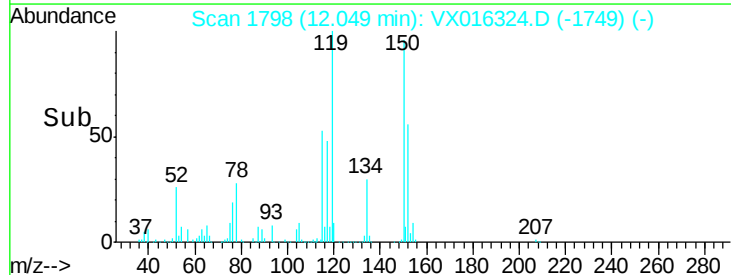
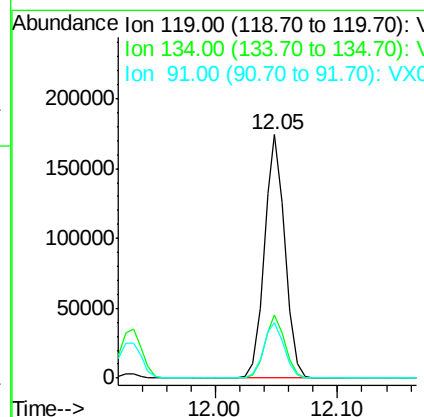
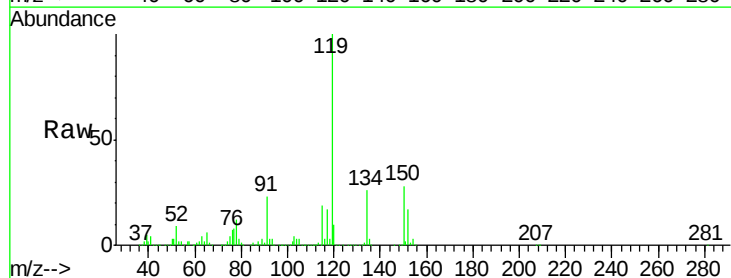
Manual Integrations
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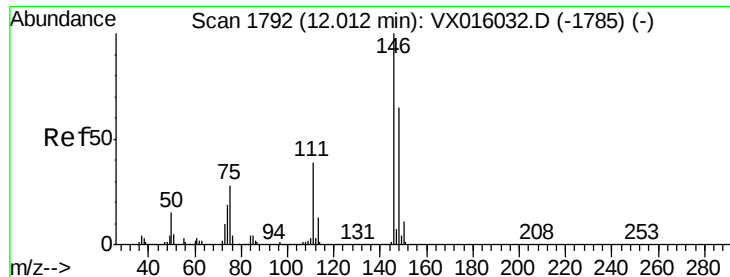
MMDadoda
 5/21/2020 1:11:54 PM



#86
 p-Isopropyltoluene
 Concen: 16.808 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016324.D
 Acq: 19 May 2020 11:06

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.1	39.3
91	23.4	11.8	35.4





#87

1,3-Dichlorobenzene

Concen: 18.787 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

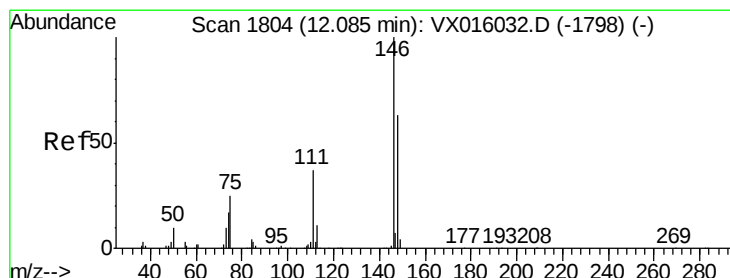
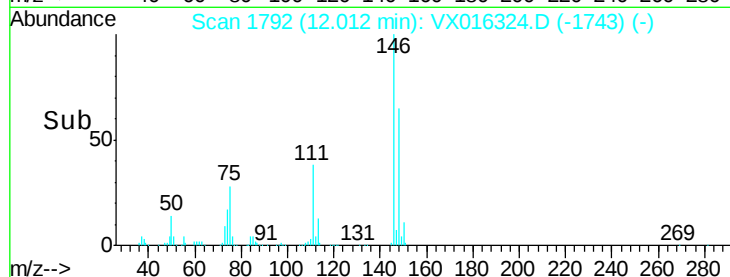
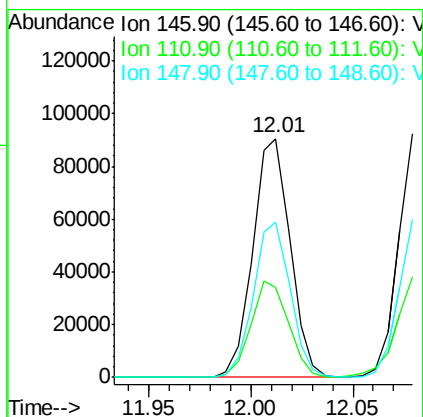
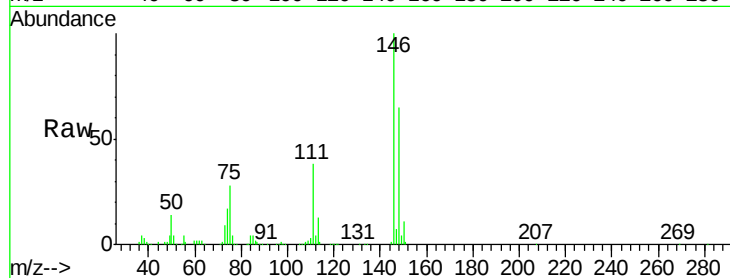
ClientSampleId :

VX0519WBS01

Tot Ion:	146	Resp:	115713
Ion Ratio	Lower	Upper	
146	100		
111	40.7	20.2	60.6
148	63.9	32.1	96.3

Manual Integrations
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5/21/2020 1:11:54 PM



#88

1,4-Dichlorobenzene

Concen: 18.916 ug/l

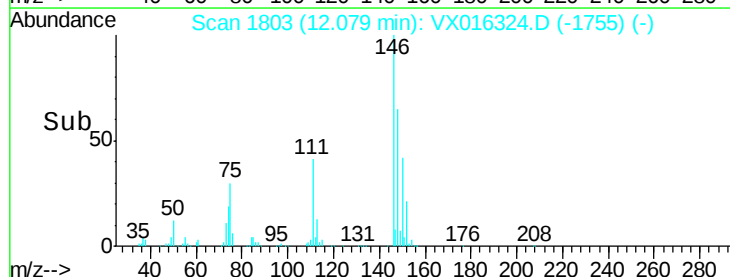
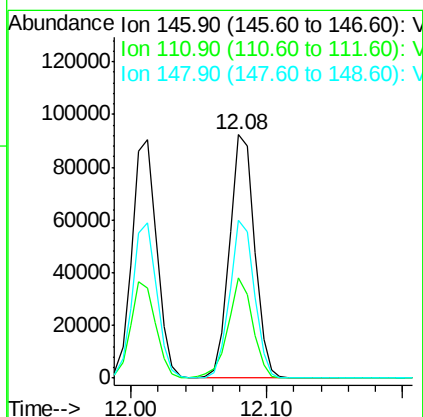
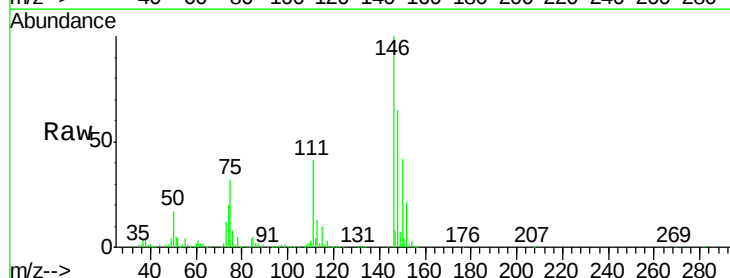
RT: 12.08 min Scan# 1803

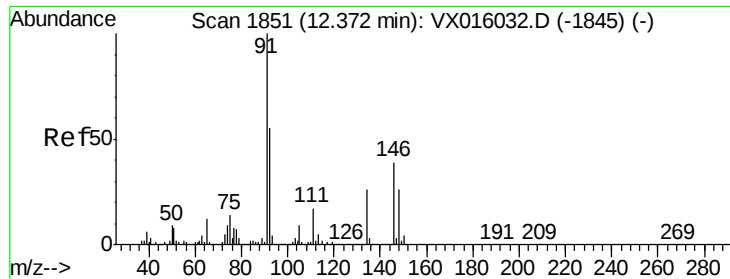
Delta R.T. -0.01 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Tgt Ion:	146	Resp:	118256
Ion Ratio	Lower	Upper	
146	100		
111	40.3	19.6	58.7
148	63.8	31.8	95.3





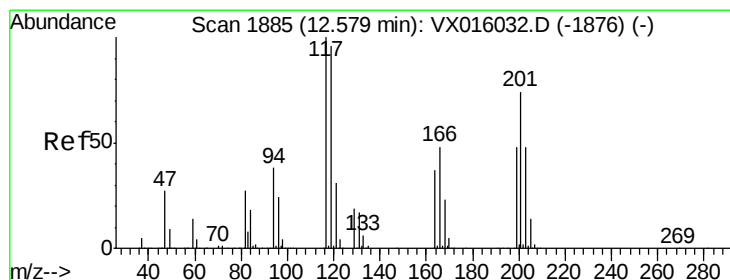
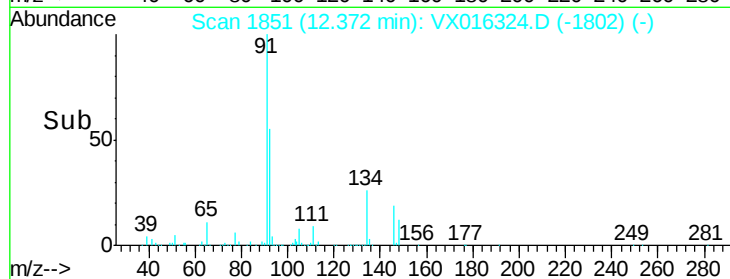
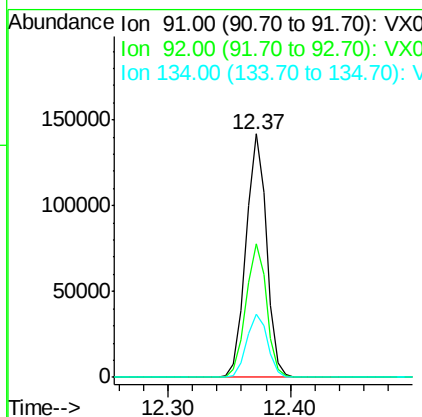
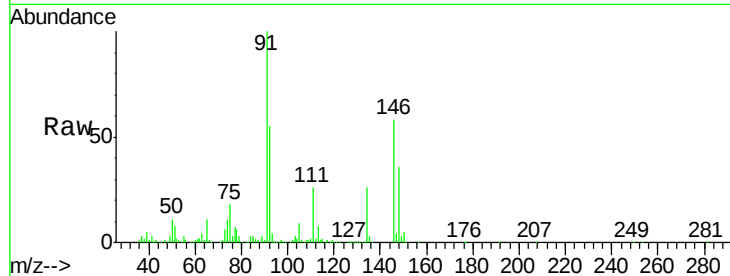
#89
n-Butylbenzene
Concen: 14.908 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Instrument :
MSVOA_X
ClientSampleId :
VX0519WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	165105		
92	54.9	27.6	82.7	
134	26.7	13.4	40.1	

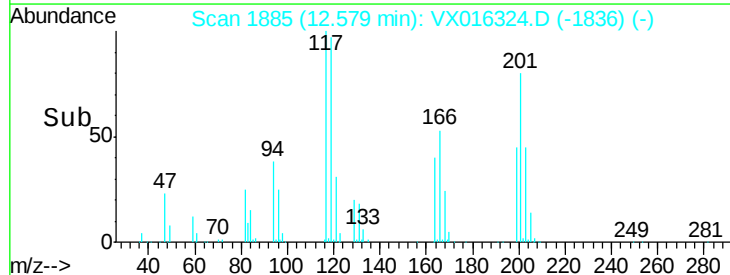
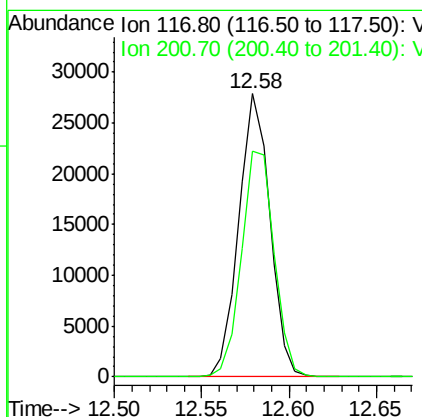
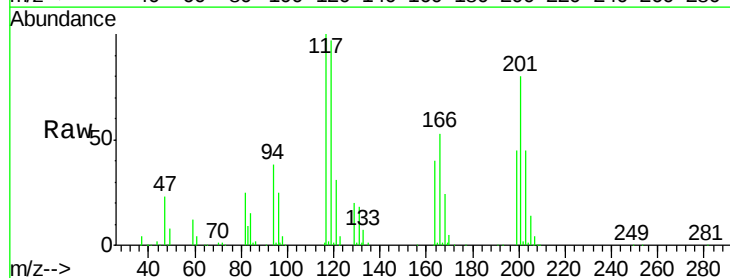
Manual Integrations
APPROVED

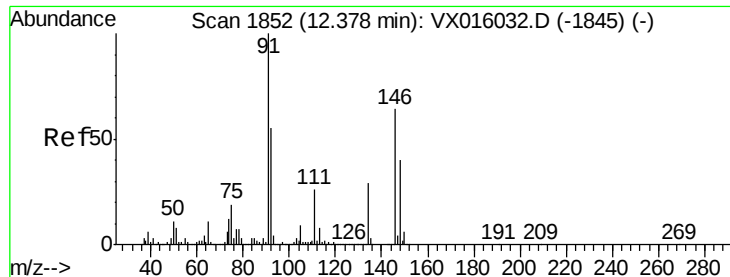
MMDadoda
5/21/2020 1:11:54 PM



#90
Hexachloroethane
Concen: 16.642 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016324.D
Acq: 19 May 2020 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	34648		
201	83.7	39.8	119.3	





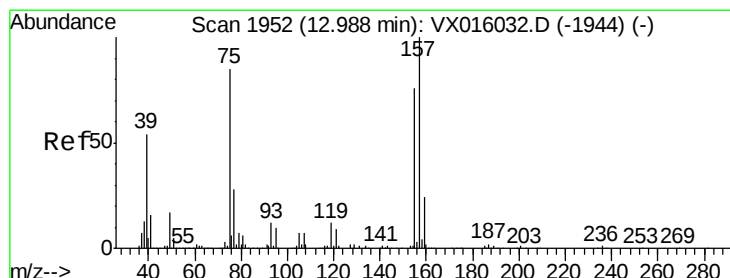
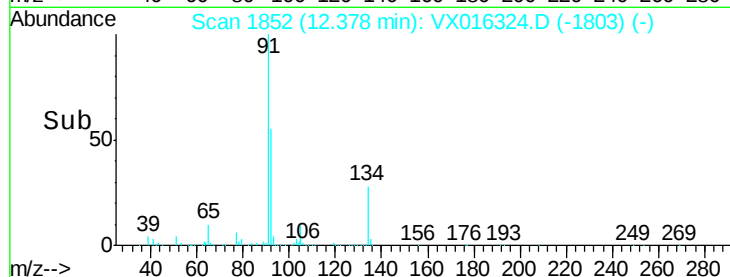
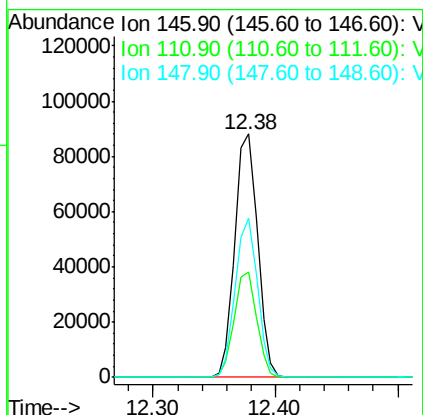
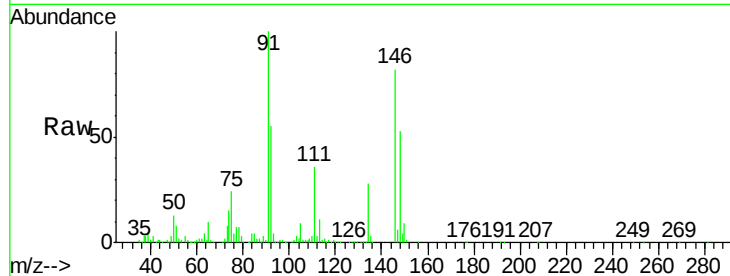
#91
 1,2-Dichlorobenzene
 Concen: 19.117 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016324.D
 Acq: 19 May 2020 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0519WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.1	63.1
148	63.8	32.4	97.0

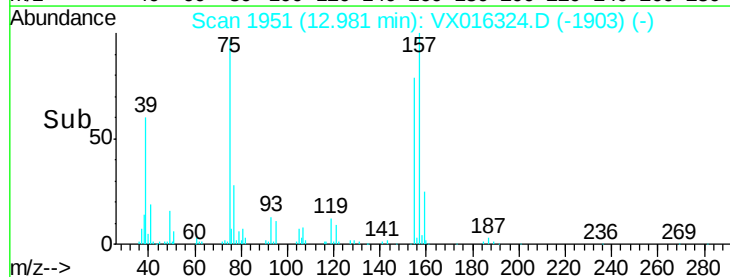
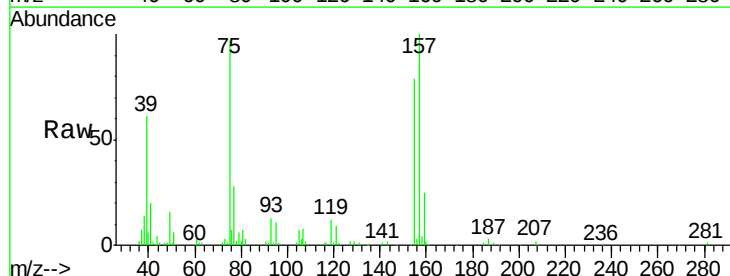
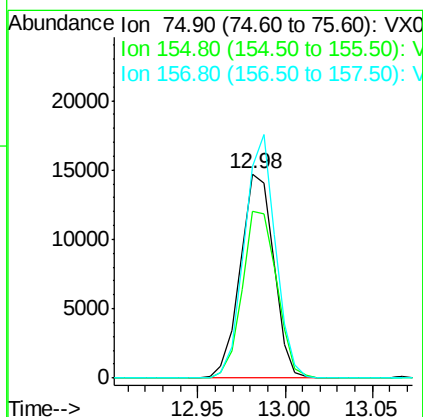
Manual Integrations
 APPROVED

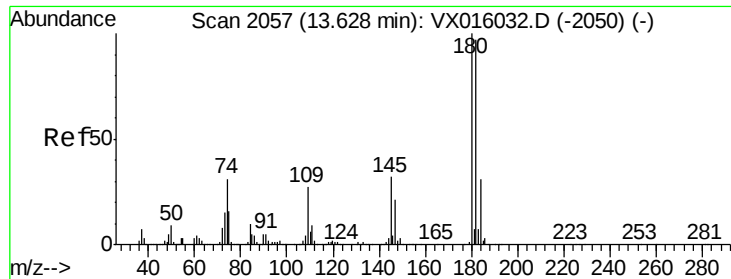
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 5/21/2020 1:11:54 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.965 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016324.D
 Acq: 19 May 2020 11:06

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.0	42.5	127.5
157	110.3	55.3	165.8





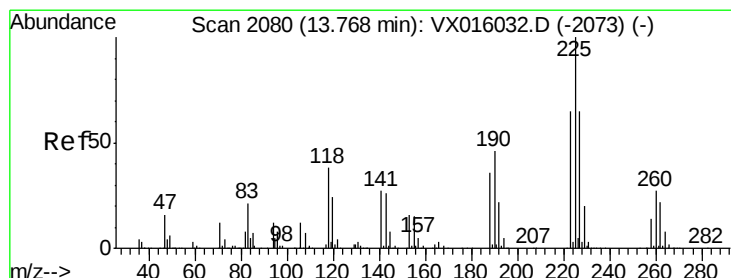
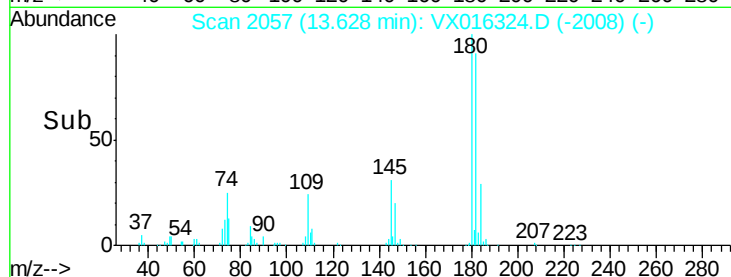
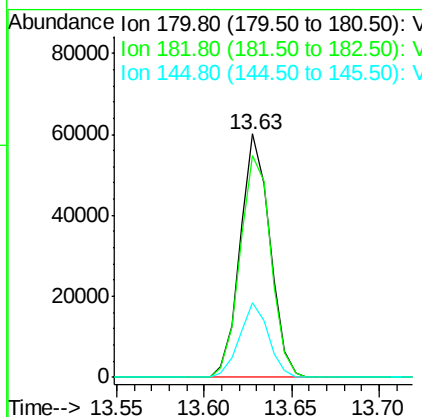
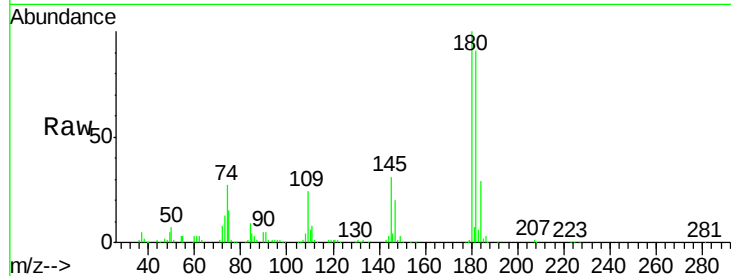
#93
 1,2,4-Trichlorobenzene
 Concen: 16.156 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016324.D
 Acq: 19 May 2020 11:06

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0519WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	70942		
182	94.9	48.7	146.1	
145	30.2	15.7	47.1	

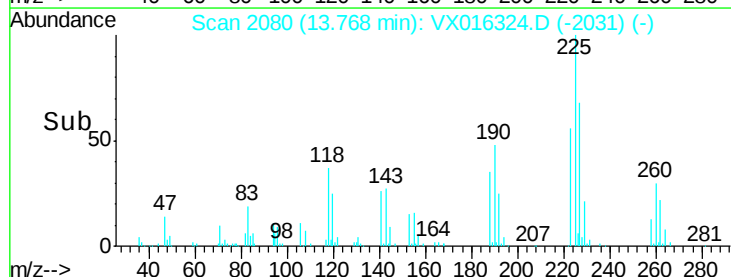
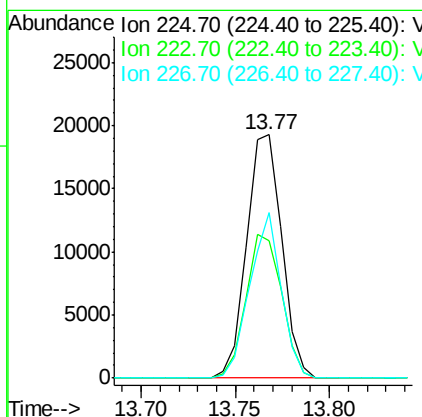
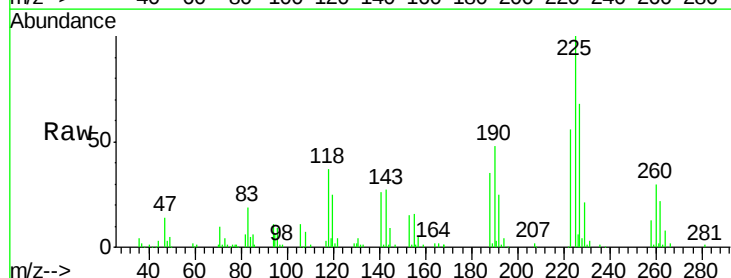
Manual Integrations
 APPROVED

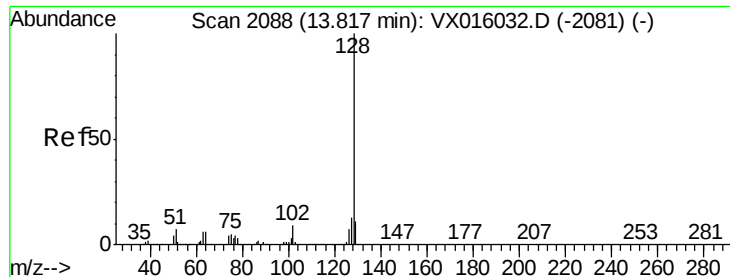
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 13.609 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016324.D
 Acq: 19 May 2020 11:06

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	25003		
223	60.0	32.3	96.9	
227	60.4	31.8	95.4	





#95

Naphthalene

Concen: 17.849 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Instrument :

MSVOA_X

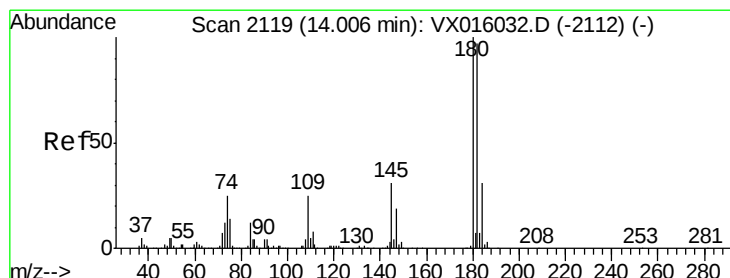
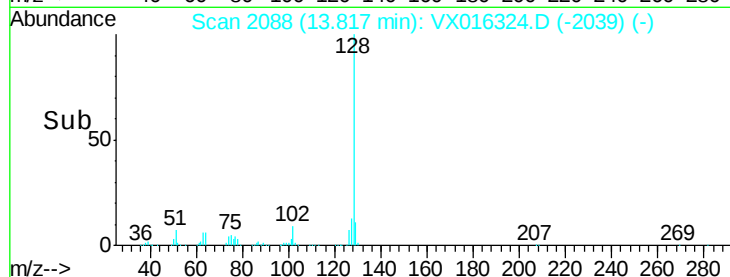
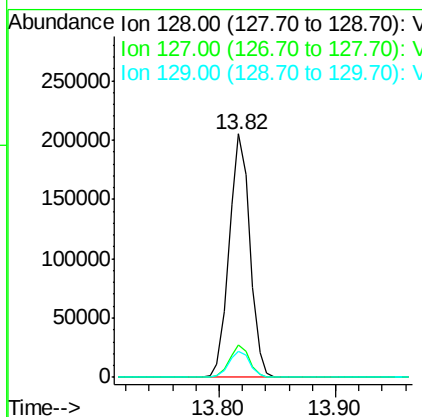
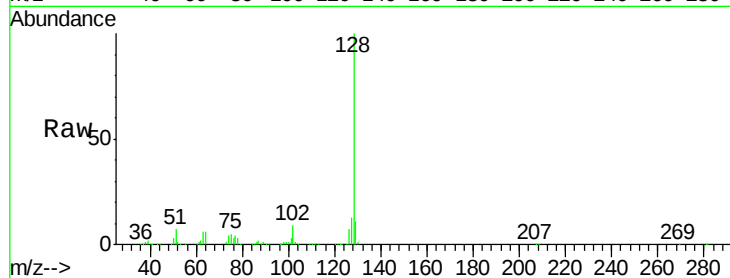
ClientSampleId :

VX0519WBS01

Tot Ion:	128	Resp:	253776
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/21/2020 1:11:54 PM



#96

1,2,3-Trichlorobenzene

Concen: 16.609 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VX016324.D

Acq: 19 May 2020 11:06

Tgt Ion:	180	Resp:	71276
Ion Ratio	Lower	Upper	
180	100		
182	92.0	48.4	145.0
145	31.2	16.4	49.1

