

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050120\
 Data File : VX016006.D
 Acq On : 01 May 2020 12:55
 Operator : JC/SP
 Sample : VX0501WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/4/2020 2:19:51 PM

Quant Time: May 02 07:23:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	288905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	457977	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	423375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	211023	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	187579	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
35) Dibromofluoromethane	5.46	113	138667	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
50) Toluene-d8	8.70	98	534606	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	11.12	95	207332	49.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	50057	19.362	ug/l	99
3) Chloromethane	1.31	50	57435	18.331	ug/l	97
4) Vinyl Chloride	1.39	62	67347	18.927	ug/l	99
5) Bromomethane	1.63	94	47718	19.976	ug/l	95
6) Chloroethane	1.71	64	43192	18.249	ug/l	100
7) Trichlorofluoromethane	1.92	101	94807	17.628	ug/l	96
8) Diethyl Ether	2.17	74	39279	17.494	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	52350	19.527	ug/l	99
10) Methyl Iodide	2.49	142	64794	17.326	ug/l	99
11) Tert butyl alcohol	3.01	59	84570	92.233	ug/l	99
12) 1,1-Dichloroethene	2.36	96	51955	18.796	ug/l	95
13) Acrolein	2.27	56	20851	90.487	ug/l	100
14) Allyl chloride	2.70	41	95910	19.243	ug/l	99
15) Acrylonitrile	3.11	53	169495	93.228	ug/l	100
16) Acetone	2.42	43	150731	93.317	ug/l	98
17) Carbon Disulfide	2.55	76	149632	18.394	ug/l	100
18) Methyl Acetate	2.75	43	86393	18.848	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	190099	19.015	ug/l	99
20) Methylene Chloride	2.83	84	58466	18.285	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	55798	17.912	ug/l	97
22) Diisopropyl ether	3.82	45	186351	19.017	ug/l	92
23) Vinyl Acetate	3.78	43	800433	94.033	ug/l	100
24) 1,1-Dichloroethane	3.67	63	104725	19.185	ug/l	100
25) 2-Butanone	4.63	43	241221	92.157	ug/l	97
26) 2,2-Dichloropropane	4.54	77	95303	19.095	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	64853	18.345	ug/l	99
28) Bromochloromethane	4.98	49	48425	18.332	ug/l	96
29) Tetrahydrofuran	5.09	42	157779	91.978	ug/l	99
30) Chloroform	5.18	83	104692	18.444	ug/l	98
31) Cyclohexane	5.54	56	94393	19.424	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	95847	18.339	ug/l	99
36) 1,1-Dichloropropene	5.77	75	78915	18.092	ug/l	100
37) Ethyl Acetate	4.79	43	93809	18.755	ug/l	99
38) Carbon Tetrachloride	5.75	117	84879	18.423	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050120\
 Data File : VX016006.D
 Acq On : 01 May 2020 12:55
 Operator : JC/SP
 Sample : VX0501WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0501WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/4/2020 2:19:51 PM

Quant Time: May 02 07:23:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	96195	19.065	ug/l	99
40) Benzene	6.11	78	231477	18.599	ug/l	100
41) Methacrylonitrile	5.00	41	51065	19.073	ug/l	97
42) 1,2-Dichloroethane	6.16	62	89171	18.491	ug/l	100
43) Isopropyl Acetate	6.41	43	153093	18.484	ug/l	99
44) Trichloroethene	7.19	130	87600	19.527	ug/l	98
45) 1,2-Dichloropropane	7.49	63	60531	18.819	ug/l	99
46) Dibromomethane	7.64	93	41074	17.971	ug/l	99
47) Bromodichloromethane	7.88	83	84106	18.518	ug/l	100
48) Methyl methacrylate	7.74	41	69912	18.282	ug/l	100
49) 1,4-Dioxane	7.71	88	33085	367.767	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	469374	93.427	ug/l	100
52) Toluene	8.76	92	147855	18.715	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	97175	18.032	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	99275	17.911	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	58953	18.673	ug/l	98
56) Ethyl methacrylate	9.16	69	93076	18.131	ug/l	99
57) 1,3-Dichloropropane	9.35	76	101722	18.752	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	249330	93.985	ug/l	100
59) 2-Hexanone	9.47	43	361625	92.105	ug/l	100
60) Dibromochloromethane	9.57	129	63289	17.910	ug/l	99
61) 1,2-Dibromoethane	9.65	107	63267	18.480	ug/l	99
64) Tetrachloroethene	9.32	164	93982	18.712	ug/l	98
65) Chlorobenzene	10.12	112	158206	18.347	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	59304	18.196	ug/l	99
67) Ethyl Benzene	10.24	91	283276	18.447	ug/l	99
68) m/p-Xylenes	10.34	106	213466	36.634	ug/l	98
69) o-Xylene	10.68	106	102468	18.521	ug/l	98
70) Styrene	10.70	104	171061	18.020	ug/l	99
71) Bromoform	10.84	173	46978	17.652	ug/l #	99
73) Isopropylbenzene	11.00	105	276106	19.234	ug/l	100
74) N-amyl acetate	10.88	43	128165	18.512	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	42289	15.452	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	86299m	19.489	ug/l	
77) Bromobenzene	11.24	156	69764	18.880	ug/l	99
78) n-propylbenzene	11.34	91	319046	19.320	ug/l	100
79) 2-Chlorotoluene	11.40	91	186741	18.979	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	234712	19.409	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	34412	18.365	ug/l	99
82) 4-Chlorotoluene	11.49	91	223789	19.017	ug/l	100
83) tert-Butylbenzene	11.76	119	197757	18.966	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	234958	19.306	ug/l	99
85) sec-Butylbenzene	11.93	105	268827	19.136	ug/l	100
86) p-Isopropyltoluene	12.05	119	252870	19.218	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	125782	18.666	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	126111	18.518	ug/l	97
89) n-Butylbenzene	12.37	91	225693	18.983	ug/l	99
90) Hexachloroethane	12.58	117	43201	18.582	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	119648	18.568	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	20604	17.385	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050120\
Data File : VX016006.D
Acq On : 01 May 2020 12:55
Operator : JC/SP
Sample : VX0501WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS01

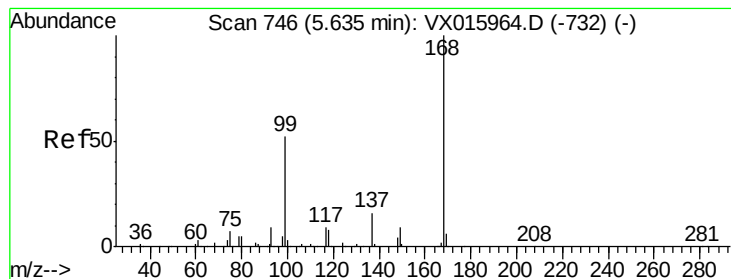
Manual Integrations
APPROVED

MMDadoda
5/4/2020 2:19:51 PM

Quant Time: May 02 07:23:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 28 17:30:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	91175	18.852	ug/l	98
94) Hexachlorobutadiene	13.77	225	39377	18.223	ug/l	99
95) Naphthalene	13.82	128	285423	18.711	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	87757	18.844	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: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS01

Tot Ion:168 Resp: 288905

Ion Ratio Lower Upper

168 100

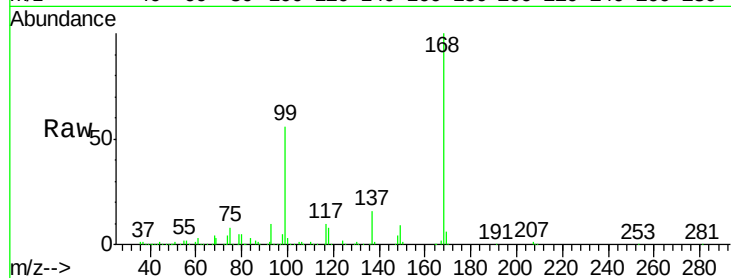
99 56.1 41.7 62.5

Manual Integrations

APPROVED

MMDadoda

5/4/2020 2:19:51 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

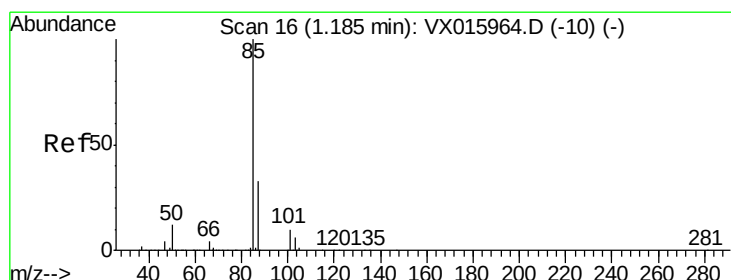
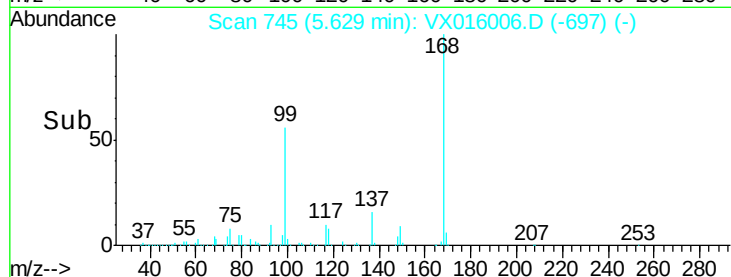
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.362 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016006.D

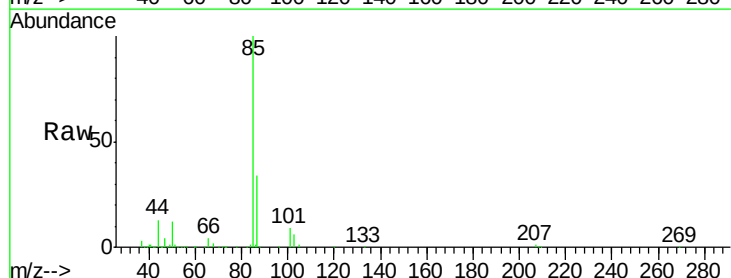
Acq: 01 May 2020 12:55

Tgt Ion: 85 Resp: 50057

Ion Ratio Lower Upper

85 100

87 33.7 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

60000

50000

40000

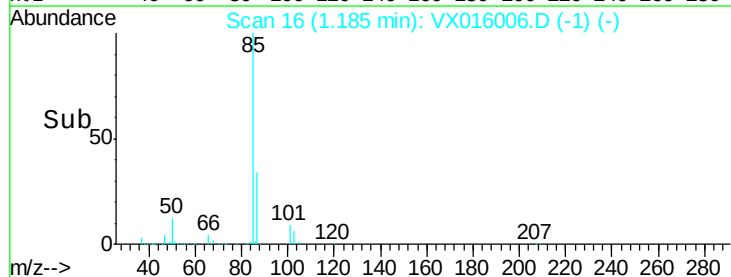
30000

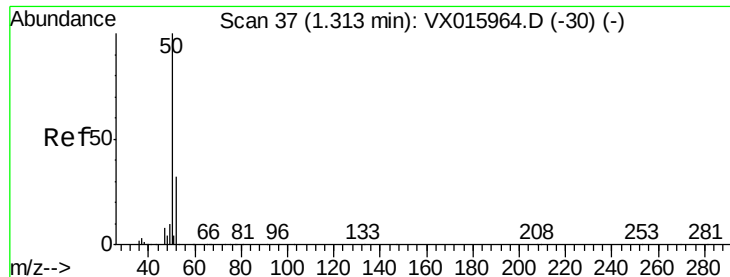
20000

10000

0

Time-->





#3

Chloromethane

Concen: 18.331 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS01

Tot Ion: 50 Resp: 57435

Ion Ratio Lower Upper

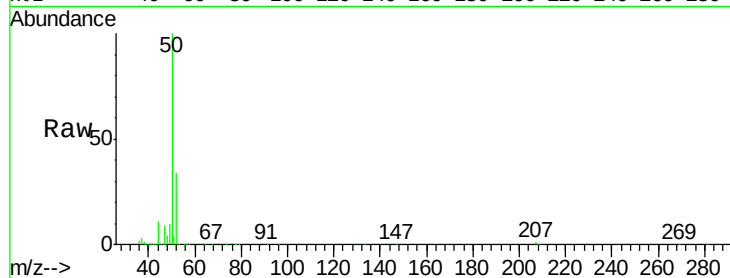
50 100

52 33.6 25.5 38.3

Manual Integrations
APPROVED

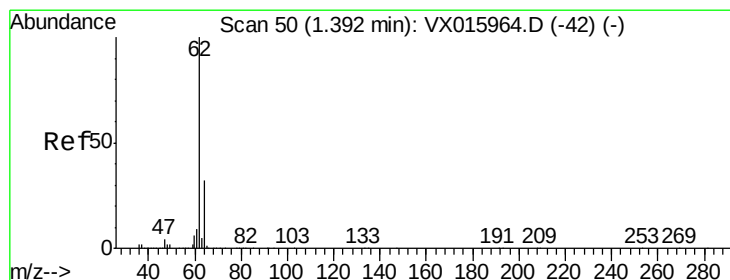
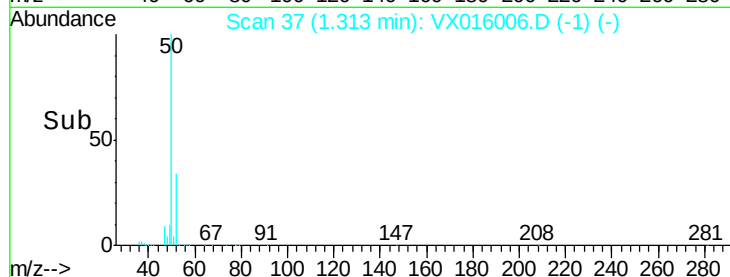
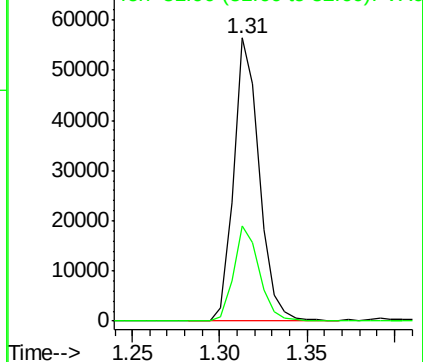
MMDadoda

5/4/2020 2:19:51 PM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.927 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016006.D

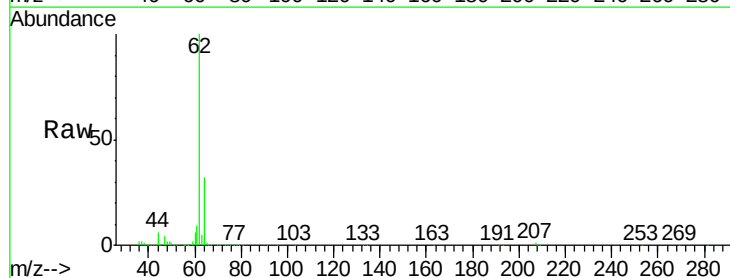
Acq: 01 May 2020 12:55

Tgt Ion: 62 Resp: 67347

Ion Ratio Lower Upper

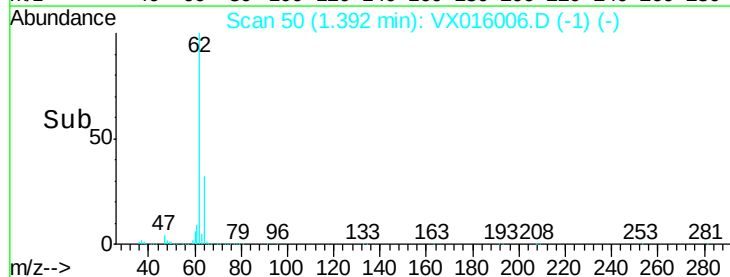
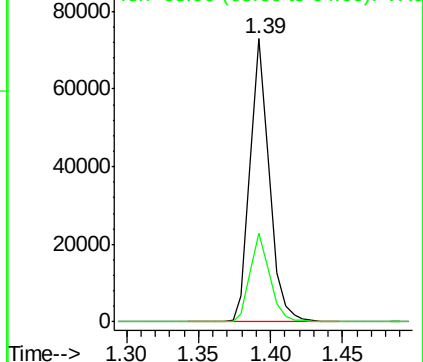
62 100

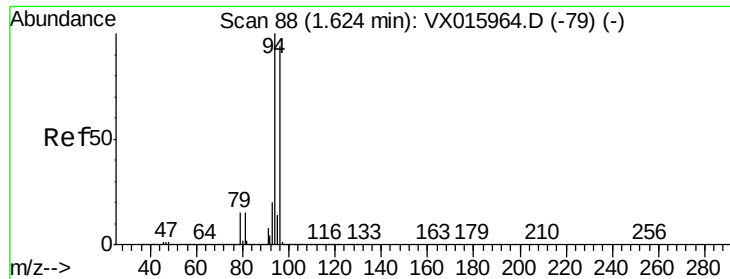
64 31.6 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.976 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS01

Tot Ion: 94 Resp: 47718

Ion Ratio Lower Upper

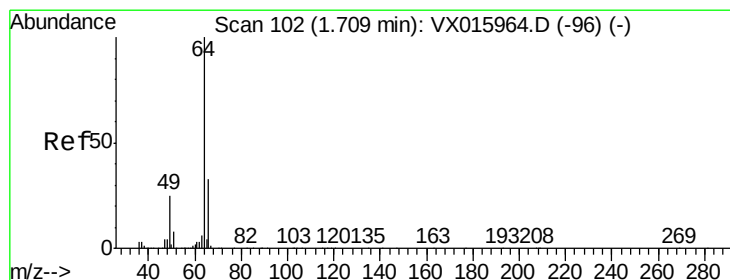
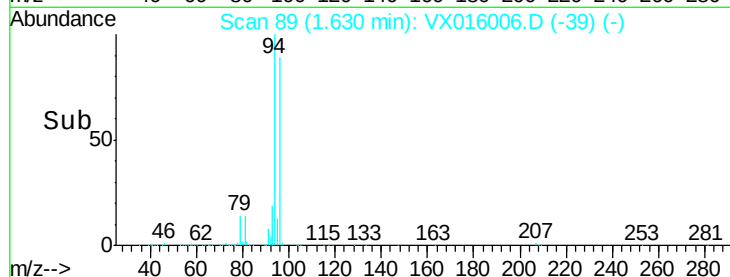
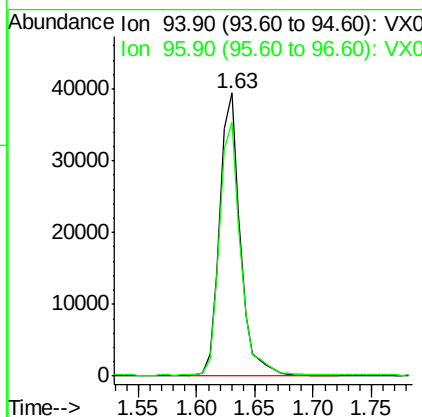
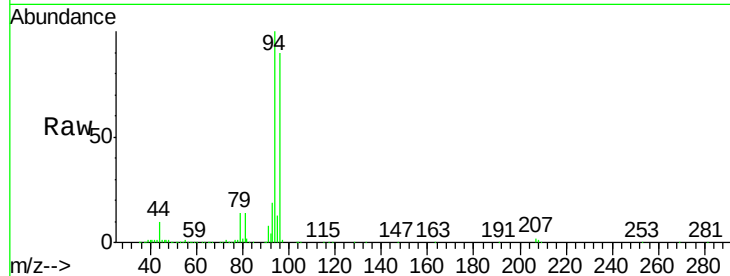
94 100

96 89.3 74.9 112.3

Manual Integrations
APPROVED

MMDadoda

5/4/2020 2:19:51 PM



#6

Chloroethane

Concen: 18.249 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX016006.D

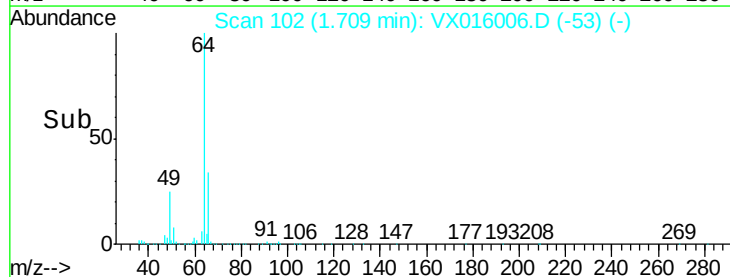
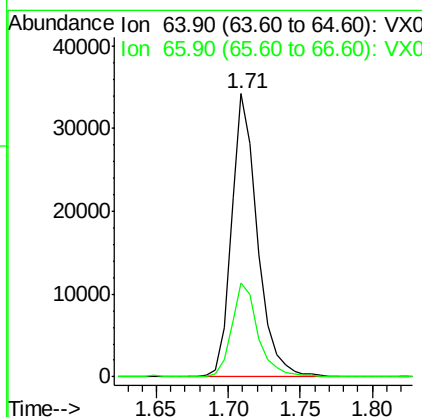
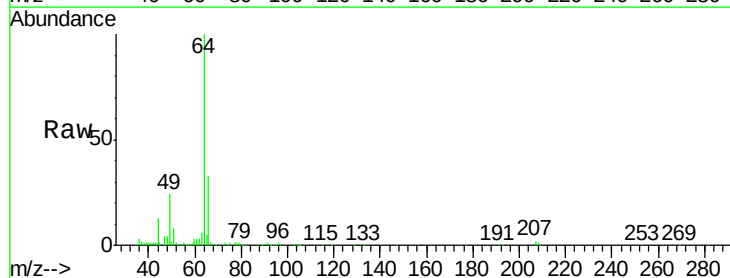
Acq: 01 May 2020 12:55

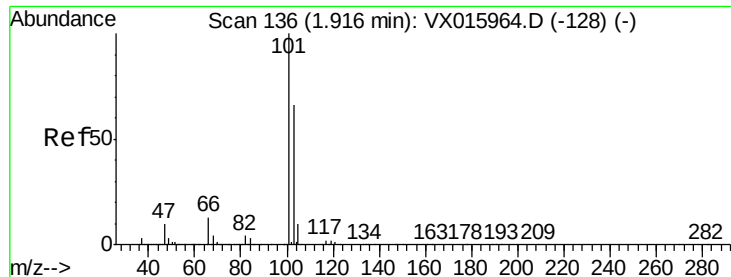
Tgt Ion: 64 Resp: 43192

Ion Ratio Lower Upper

64 100

66 33.0 26.2 39.2





#7

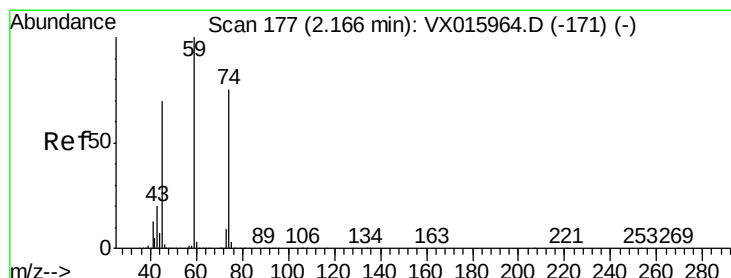
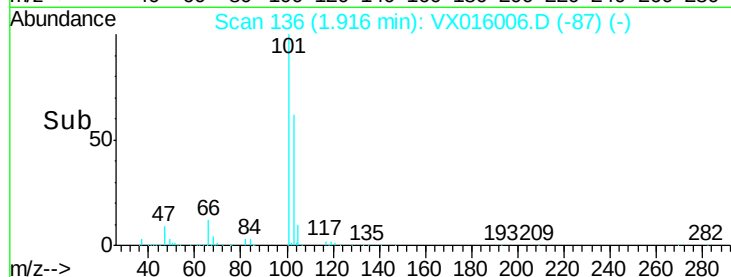
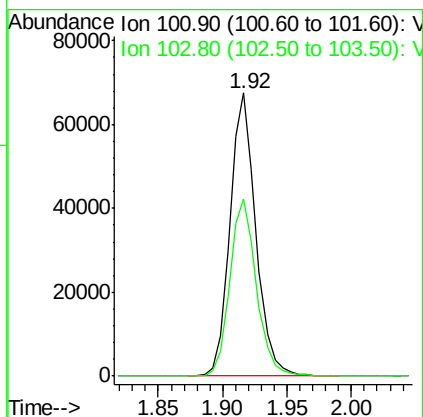
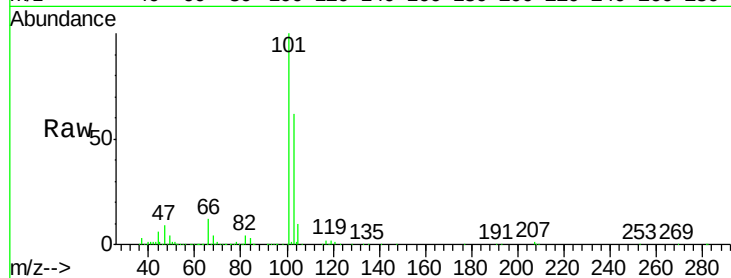
Trichlorofluoromethane
Concen: 17.628 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.3	52.4	78.6

Manual Integrations
APPROVED

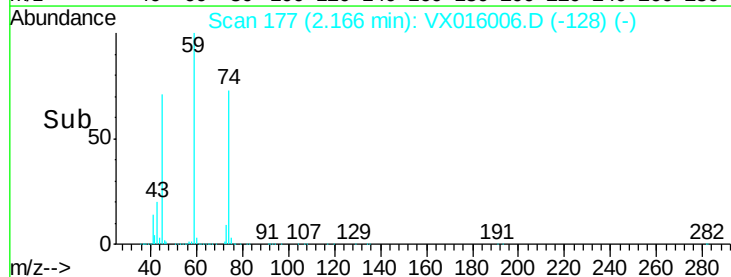
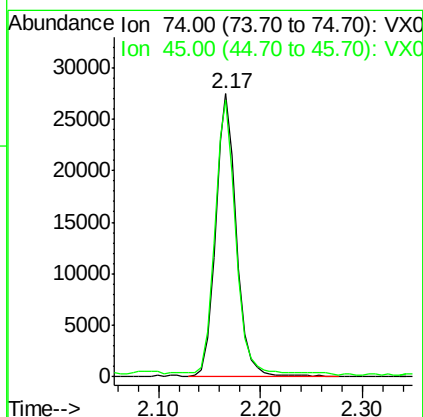
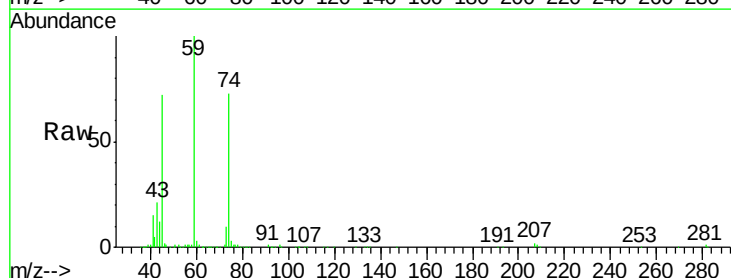
MMDadoda
5/4/2020 2:19:51 PM

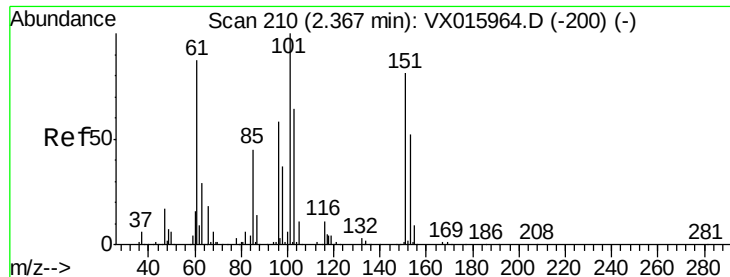


#8

Diethyl Ether
Concen: 17.494 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.0	47.1	141.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.527 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

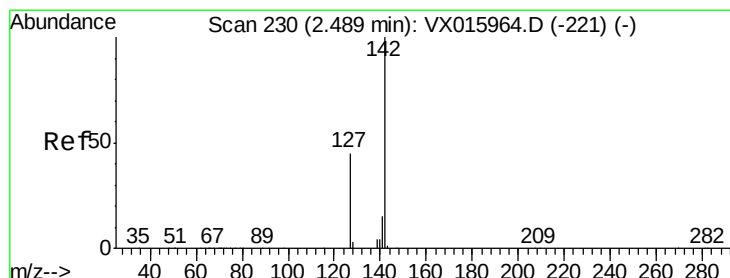
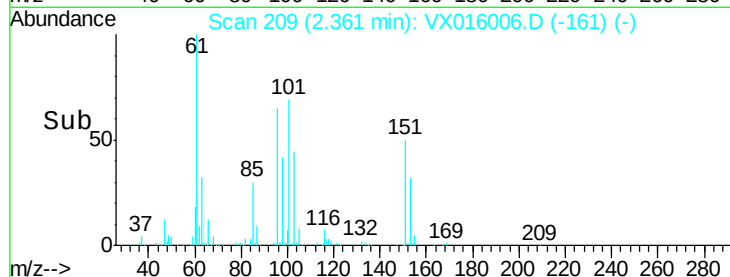
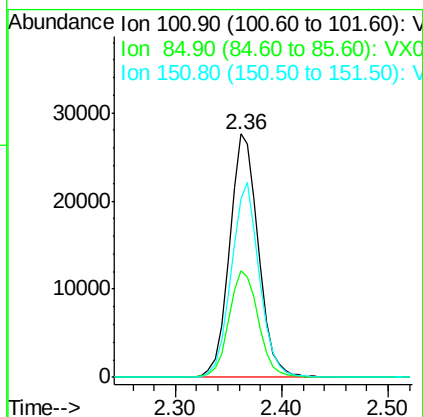
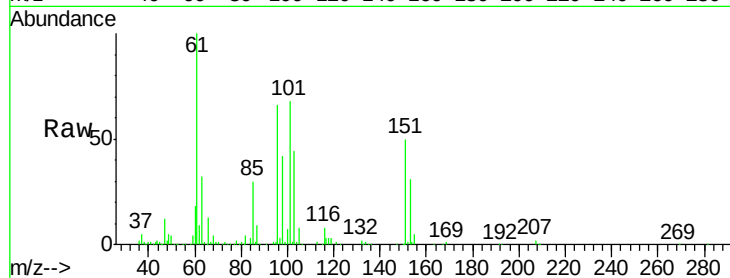
ClientSampleId :

VX0501WBS01

Tot Ion:	101	Resp:	52350
Ion Ratio	Lower	Upper	
101	100		
85	44.7	36.3	54.5
151	78.2	63.1	94.7

Manual Integrations
APPROVED

MMDadoda
5/4/2020 2:19:51 PM



#10

Methyl Iodide

Concen: 17.326 ug/l

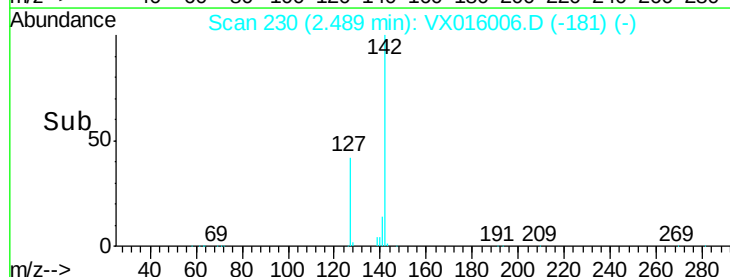
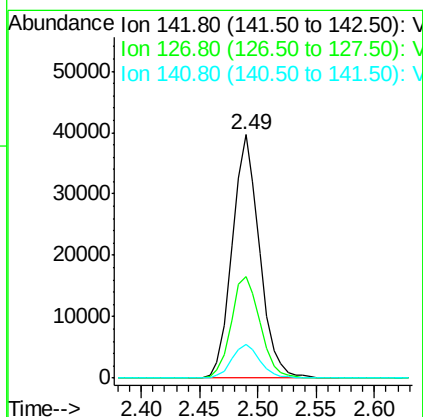
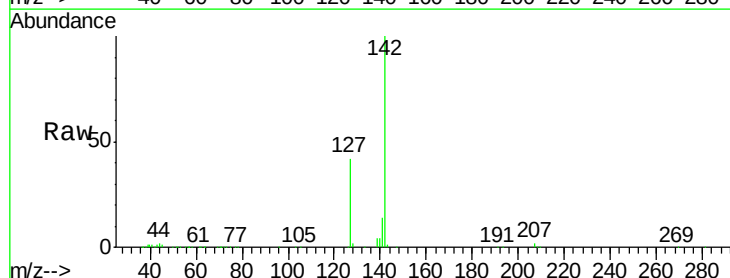
RT: 2.49 min Scan# 230

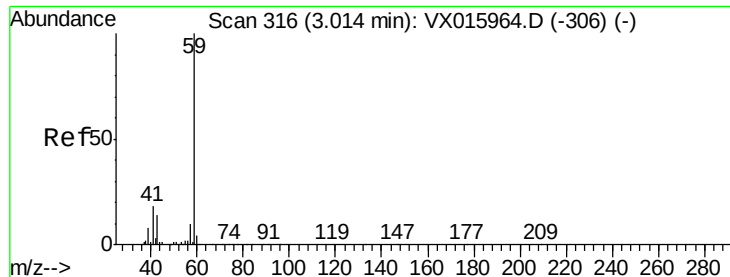
Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Tgt Ion:	142	Resp:	64794
Ion Ratio	Lower	Upper	
142	100		
127	44.4	36.5	54.7
141	14.5	11.6	17.4





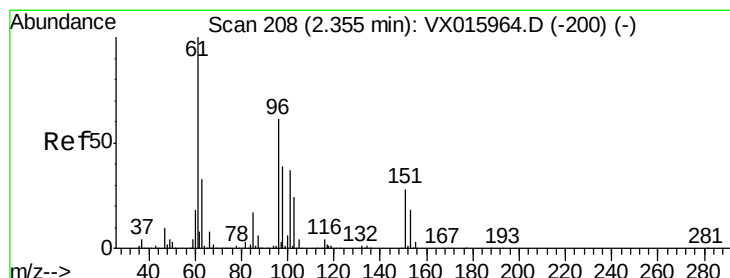
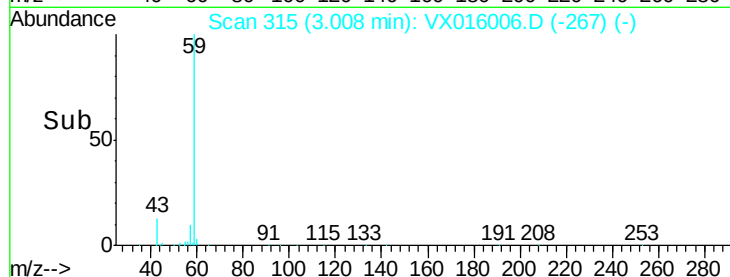
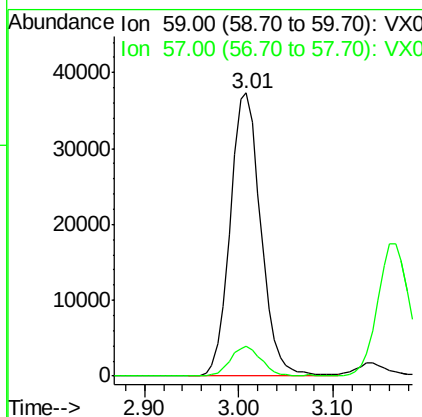
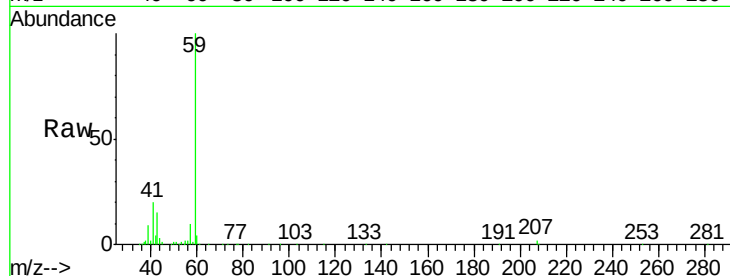
#11
Tert butyl alcohol
Concen: 92.233 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS01

Tot Ion: 59 Resp: 84570
Ion Ratio Lower Upper
59 100
57 10.9 8.3 12.5

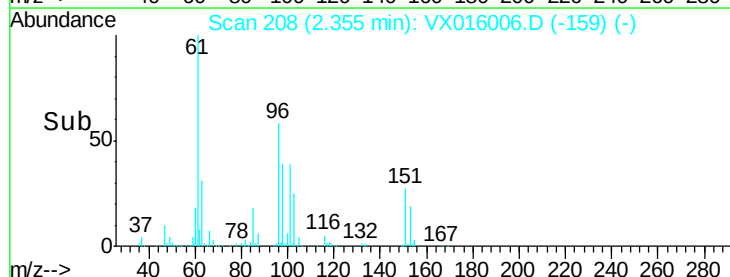
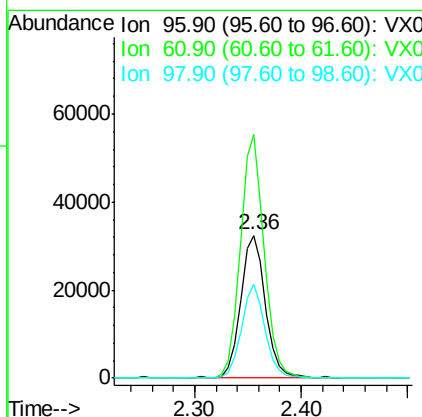
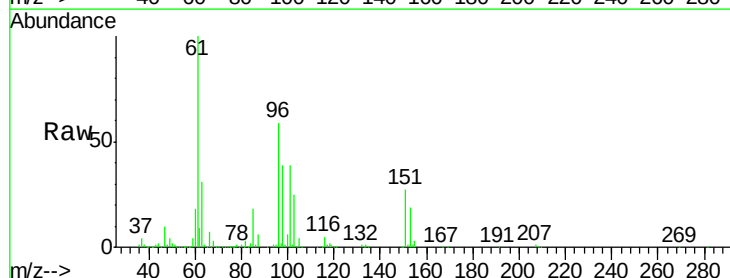
Manual Integrations
APPROVED

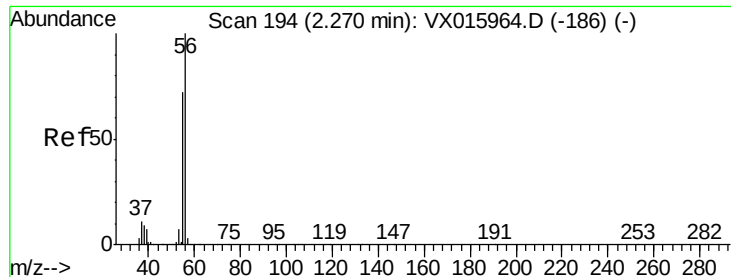
MMDadoda
5/4/2020 2:19:51 PM



#12
1,1-Dichloroethene
Concen: 18.796 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Tgt Ion: 96 Resp: 51955
Ion Ratio Lower Upper
96 100
61 171.4 131.0 196.4
98 66.4 50.7 76.1





#13

Acrolein

Concen: 90.487 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS01

Tot Ion: 56 Resp: 20851

Ion Ratio Lower Upper

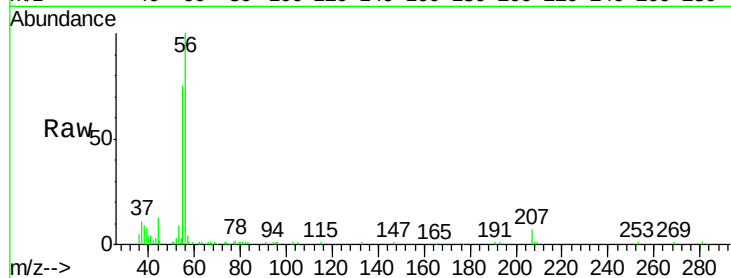
56 100

55 71.3 56.9 85.3

Manual Integrations
APPROVED

MMDadoda

5/4/2020 2:19:51 PM



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

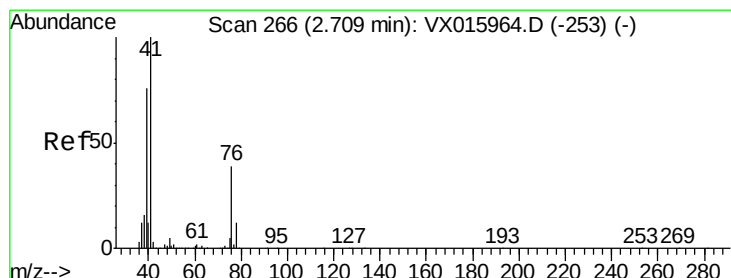
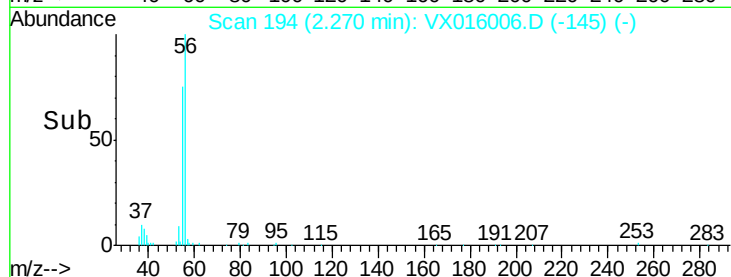
15000

10000

5000

0

Time--> 2.15 2.20 2.25 2.30 2.35



#14

Allyl chloride

Concen: 19.243 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

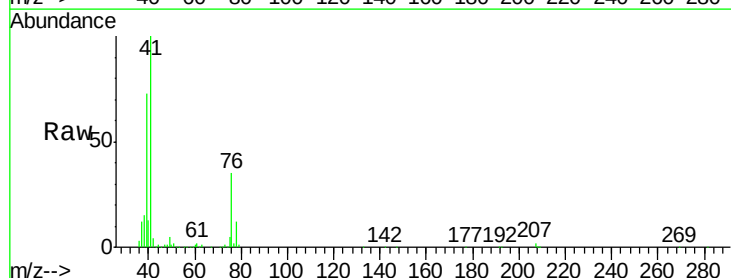
Tgt Ion: 41 Resp: 95910

Ion Ratio Lower Upper

41 100

39 68.3 55.4 83.0

76 33.7 27.1 40.7



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

120000

100000

80000

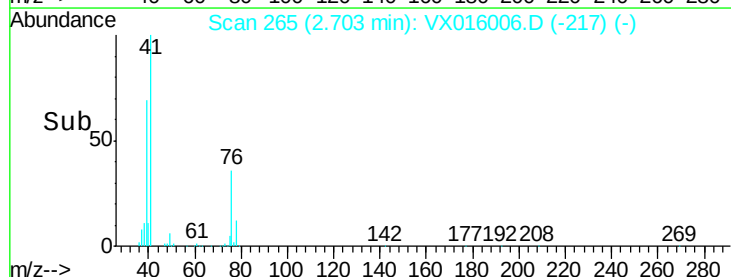
60000

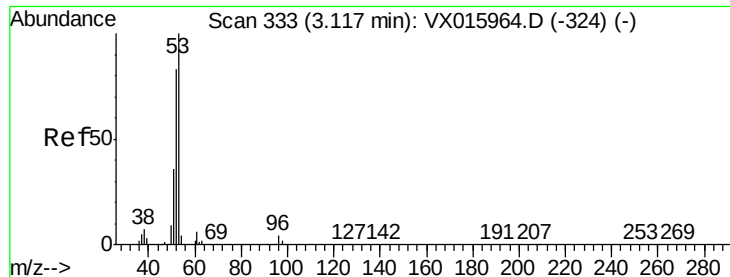
40000

20000

0

Time--> 2.60 2.70 2.80





#15

Acrylonitrile

Concen: 93.228 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

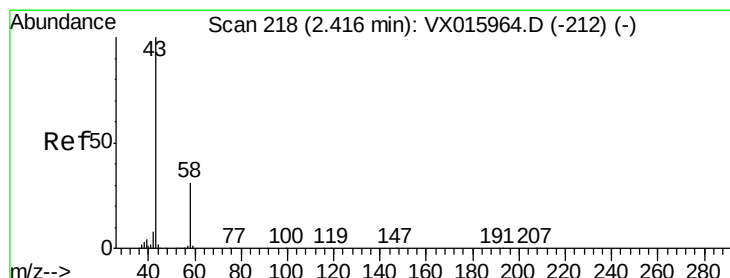
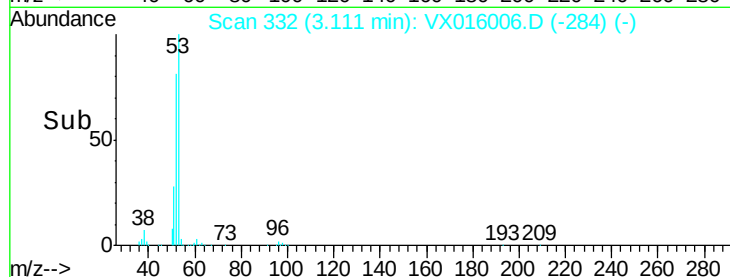
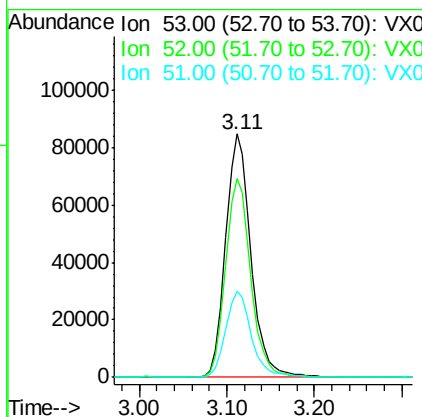
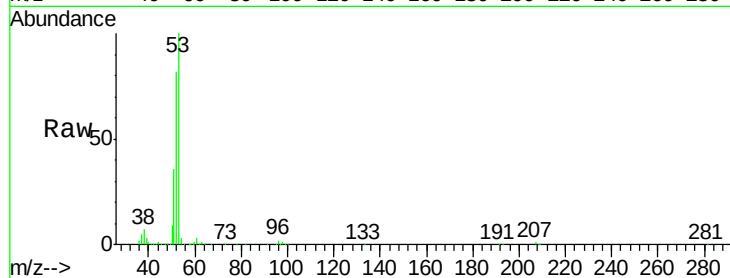
ClientSampleId :

VX0501WBS01

Tot Ion:	53	Resp:	169495
Ion Ratio		Lower	Upper
53	100		
52	82.0	65.5	98.3
51	36.3	28.7	43.1

Manual Integrations
APPROVED

MMDadoda
5/4/2020 2:19:51 PM



#16

Acetone

Concen: 93.317 ug/l

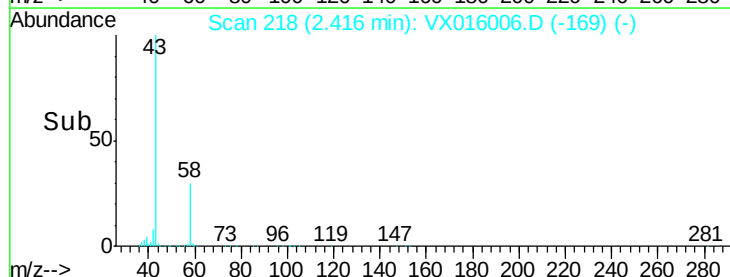
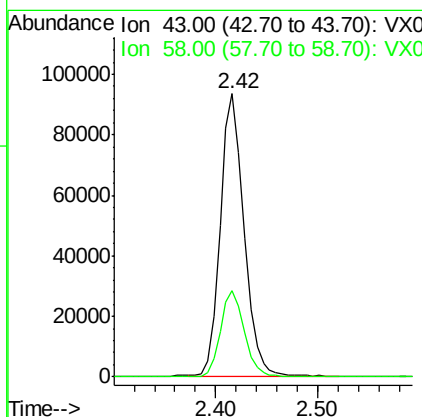
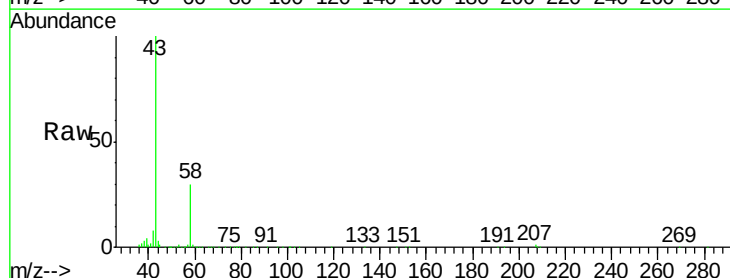
RT: 2.42 min Scan# 218

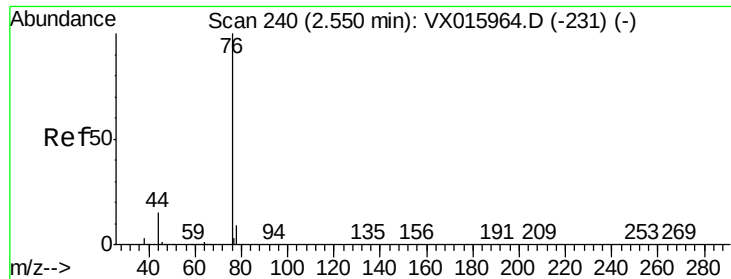
Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Tgt Ion:	43	Resp:	150731
Ion Ratio		Lower	Upper
43	100		
58	30.4	25.1	37.7





#17

Carbon Disulfide

Concen: 18.394 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampled :

VX0501WBS01

Tot Ion: 76 Resp: 149632

Ion Ratio Lower Upper

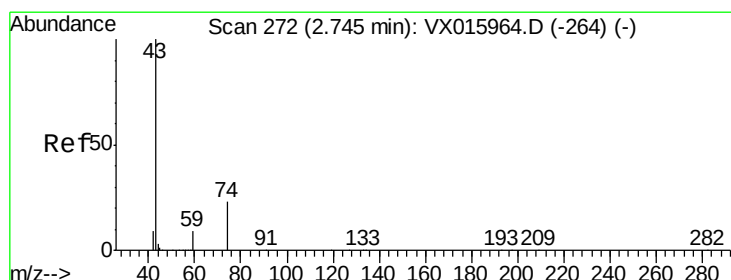
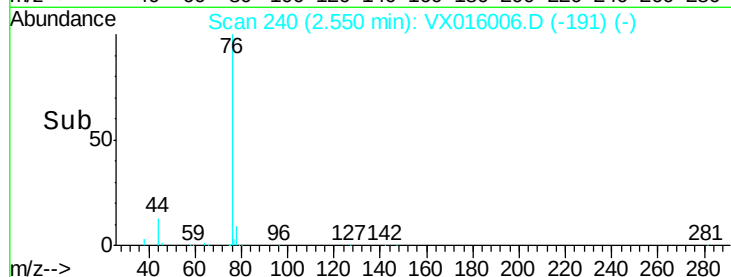
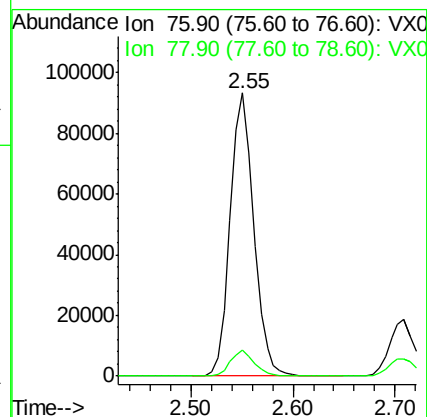
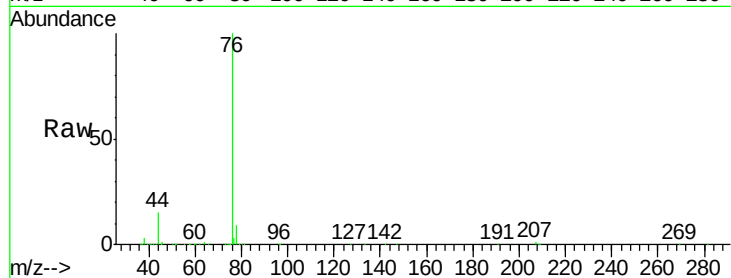
76 100

78 9.1 7.4 11.0

Manual Integrations
APPROVED

MMDadoda

5/4/2020 2:19:51 PM



#18

Methyl Acetate

Concen: 18.848 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX016006.D

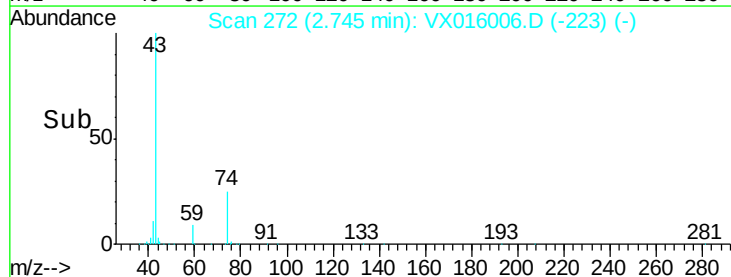
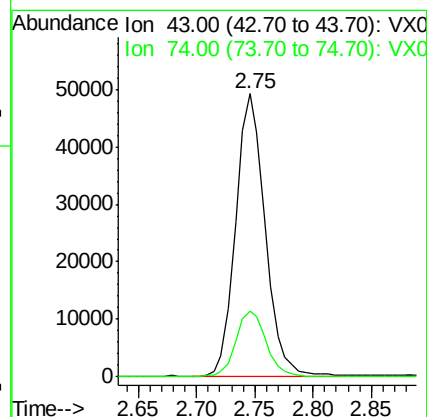
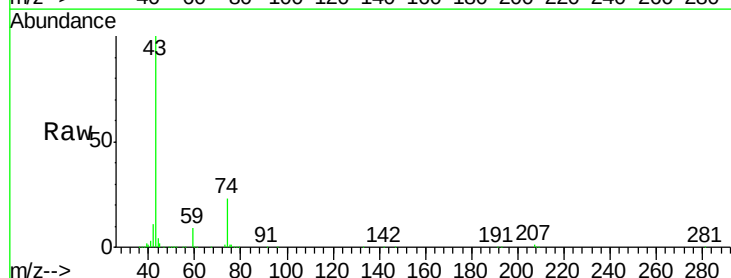
Acq: 01 May 2020 12:55

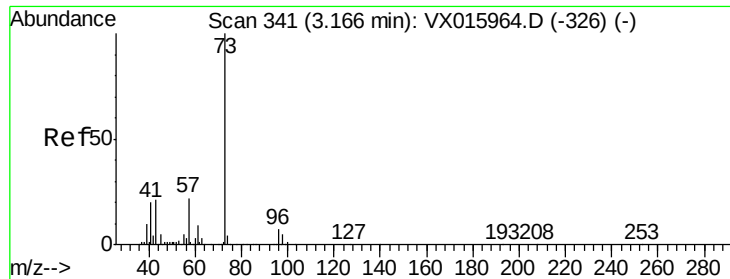
Tgt Ion: 43 Resp: 86393

Ion Ratio Lower Upper

43 100

74 24.6 19.6 29.4





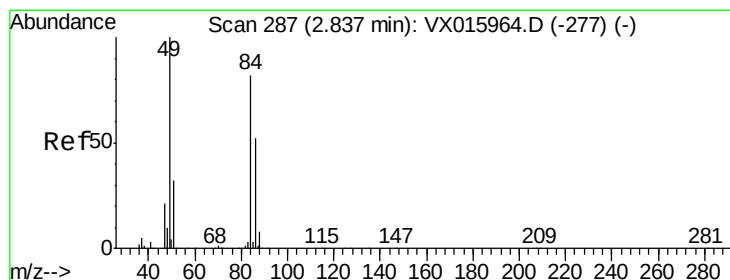
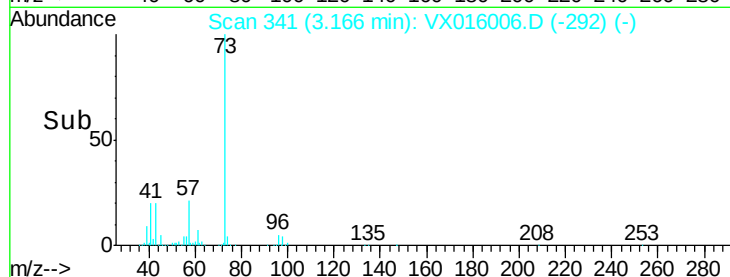
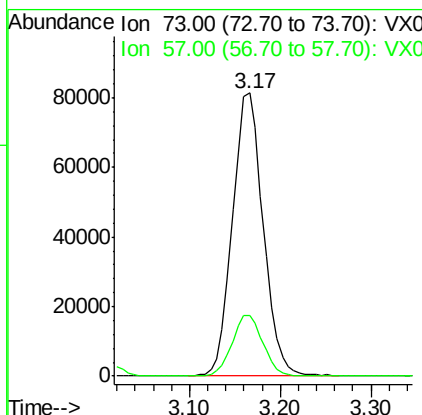
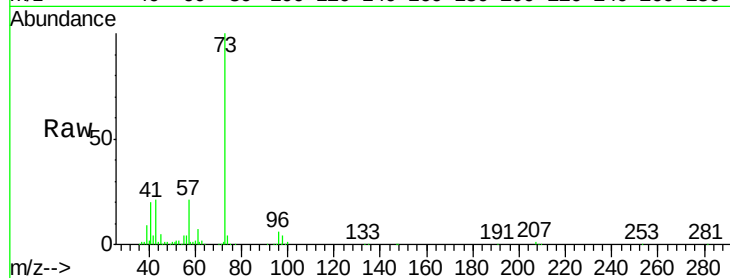
#19
Methyl tert-butyl Ether
Concen: 19.015 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.5	26.3

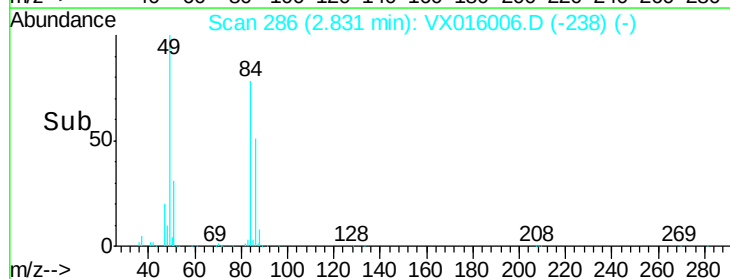
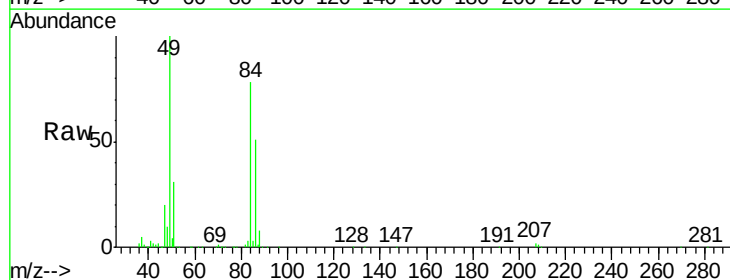
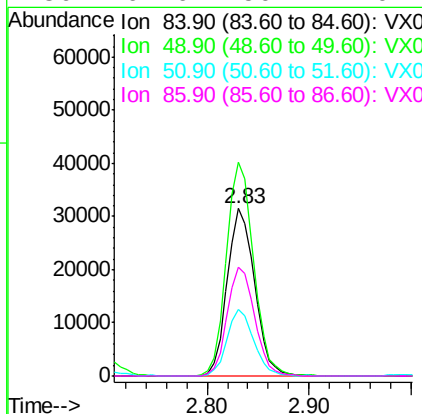
Manual Integrations
APPROVED

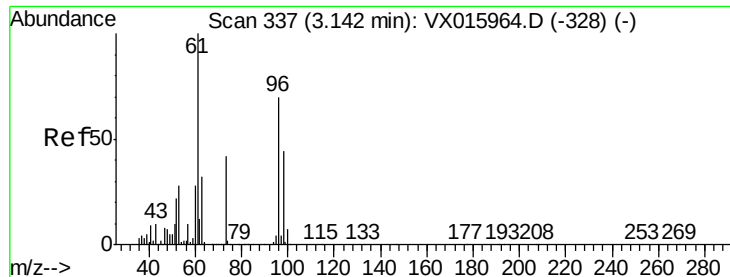
MMDadoda
5/4/2020 2:19:51 PM



#20
Methylene Chloride
Concen: 18.285 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.4	97.9	146.9
51	39.6	31.2	46.8
86	64.6	50.7	76.1





#21

trans-1,2-Dichloroethene

Concen: 17.912 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS01

Tot Ion: 96 Resp: 55798

Ion Ratio Lower Upper

96 100

61 144.1 113.6 170.4

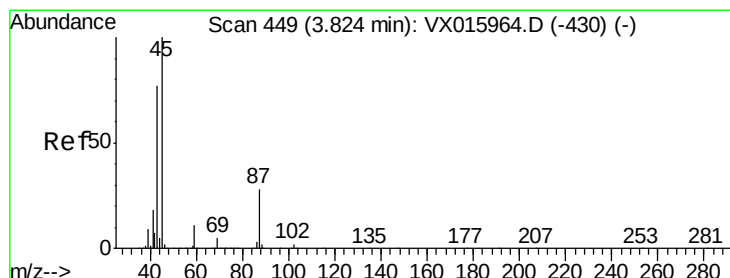
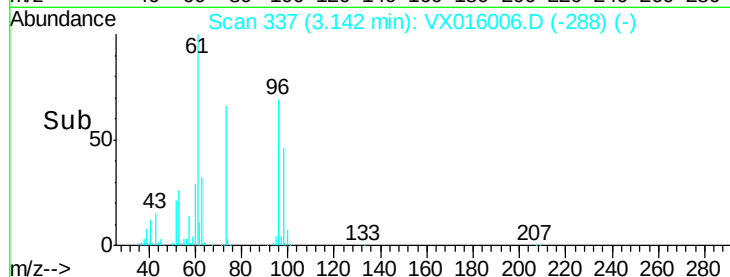
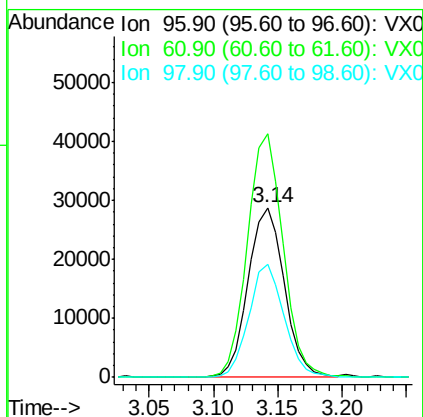
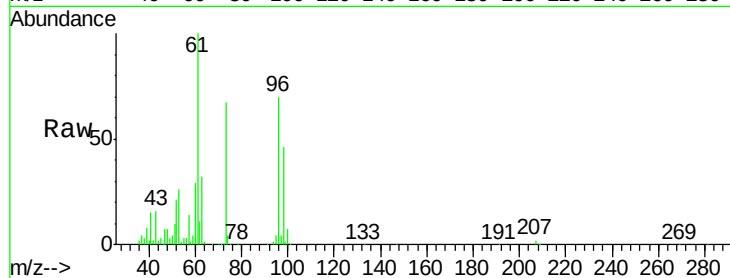
98 66.8 50.3 75.5

Manual Integrations

APPROVED

MMDadoda

5/4/2020 2:19:51 PM



#22

Diisopropyl ether

Concen: 19.017 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Tgt Ion: 45 Resp: 186351

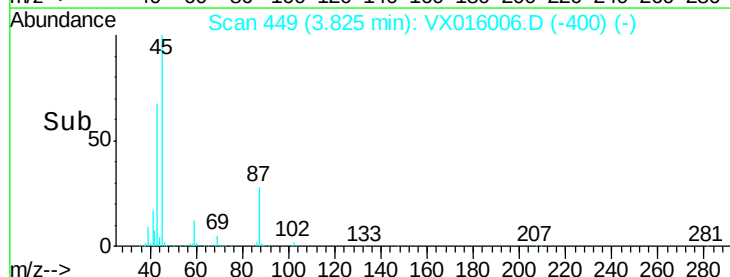
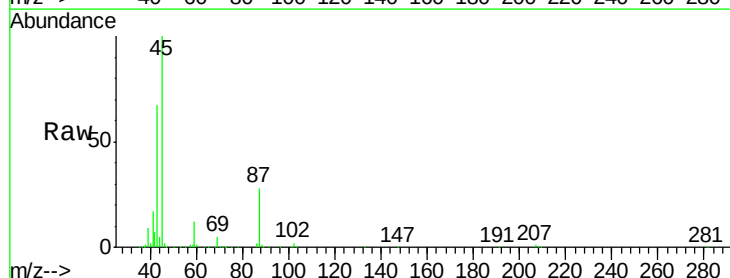
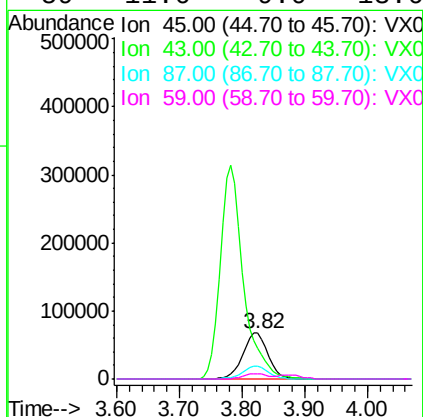
Ion Ratio Lower Upper

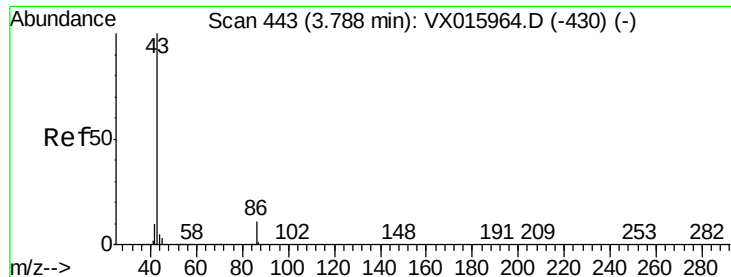
45 100

43 66.7 61.3 91.9

87 27.8 22.6 33.8

59 11.6 9.0 13.6





#23

Vinyl Acetate

Concen: 94.033 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS01

Tot Ion: 43 Resp: 800433

Ion Ratio Lower Upper

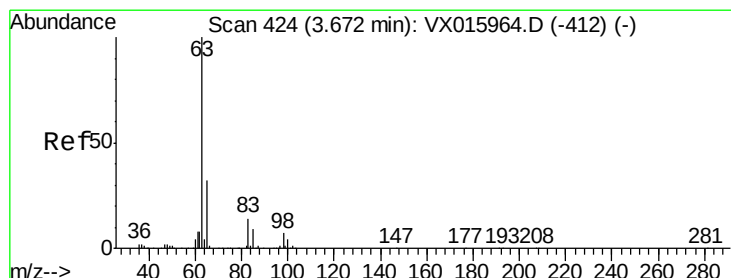
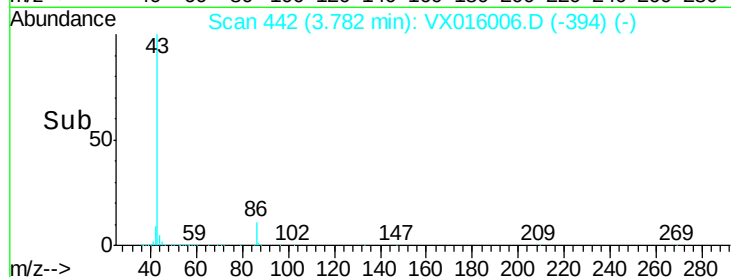
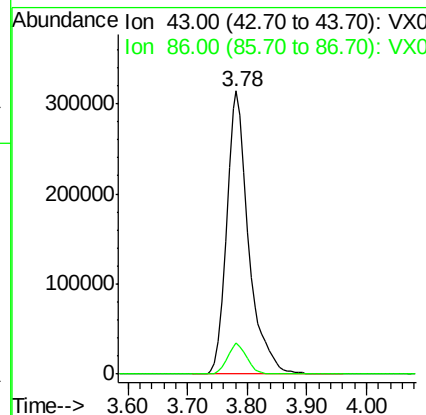
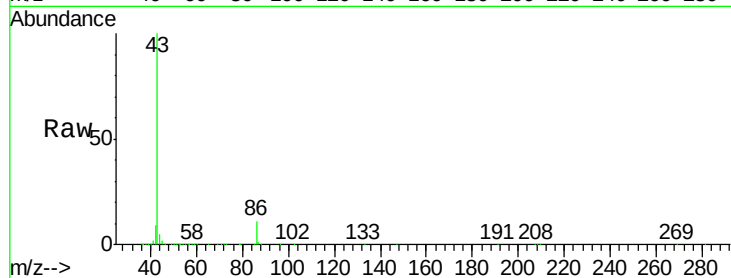
43 100

86 11.0 8.9 13.3

Manual Integrations
APPROVED

MMDadoda

5/4/2020 2:19:51 PM



#24

1,1-Dichloroethane

Concen: 19.185 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

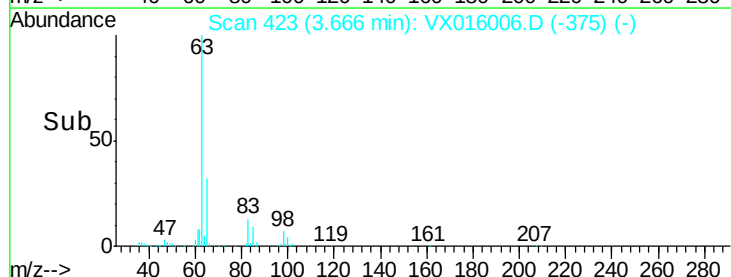
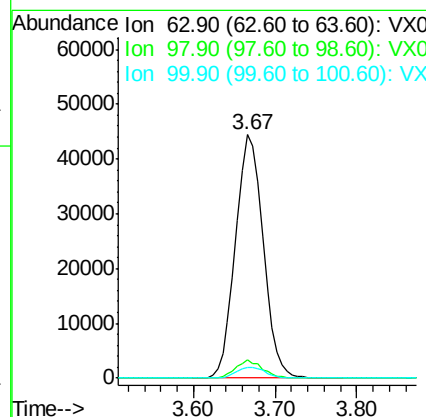
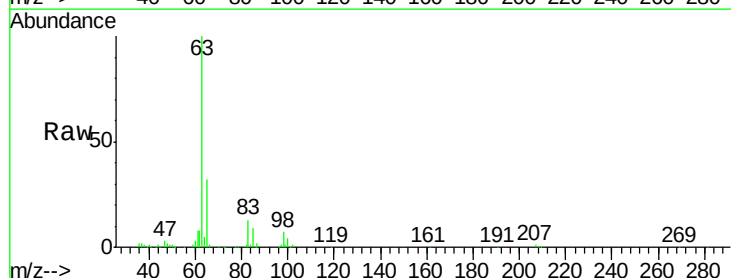
Tgt Ion: 63 Resp: 104725

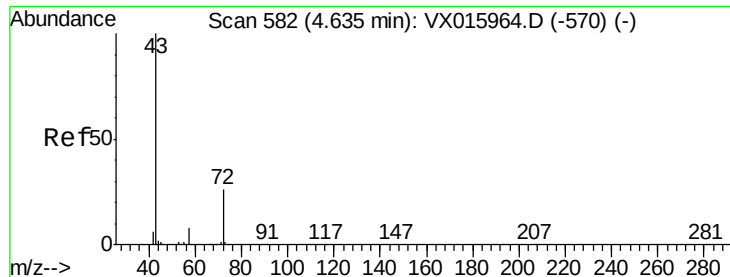
Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.8

100 4.4 2.2 6.6





#25

2-Butanone

Concen: 92.157 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS01

Tot Ion: 43 Resp: 241221

Ion Ratio Lower Upper

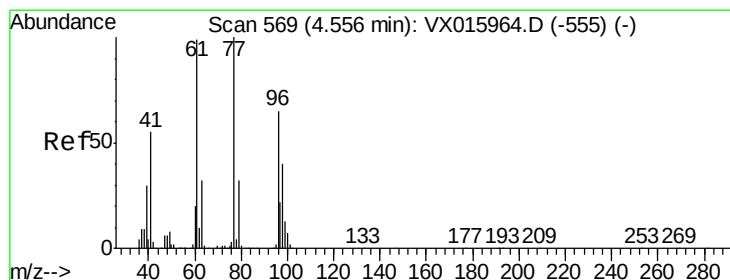
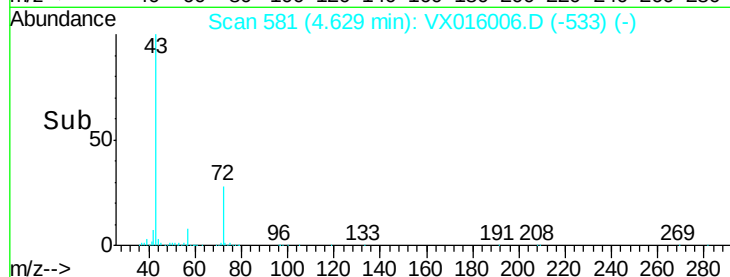
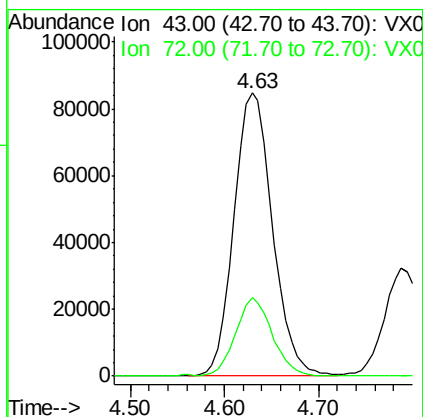
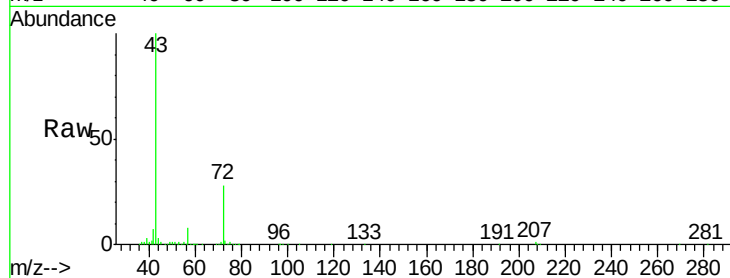
43 100

72 27.5 21.0 31.4

Manual Integrations
APPROVED

MMDadoda

5/4/2020 2:19:51 PM



#26

2,2-Dichloropropane

Concen: 19.095 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016006.D

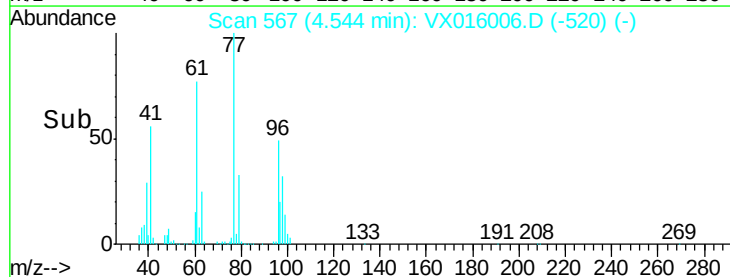
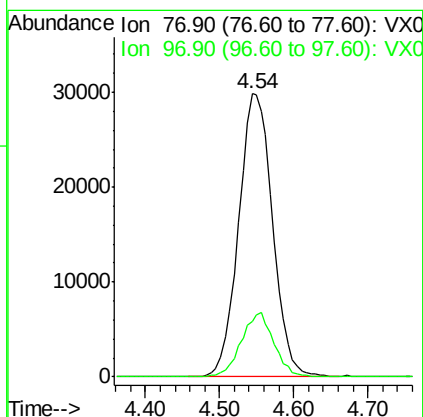
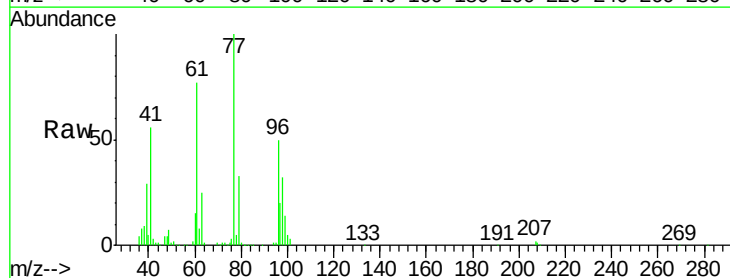
Acq: 01 May 2020 12:55

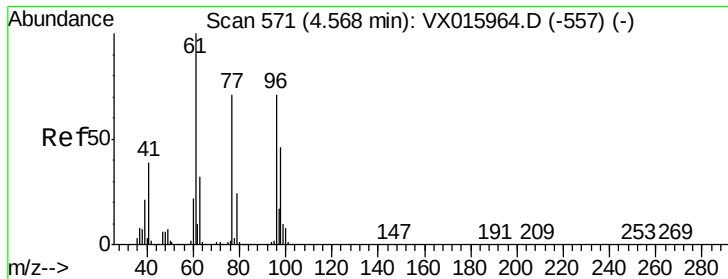
Tgt Ion: 77 Resp: 95303

Ion Ratio Lower Upper

77 100

97 21.9 11.1 33.3





#27

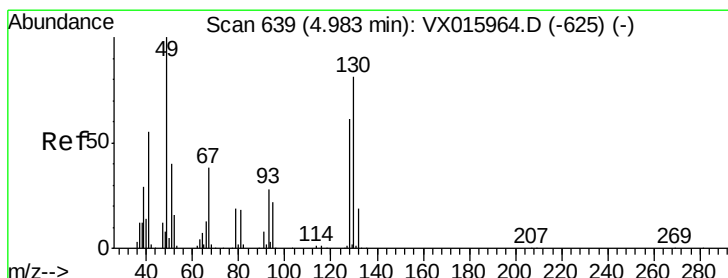
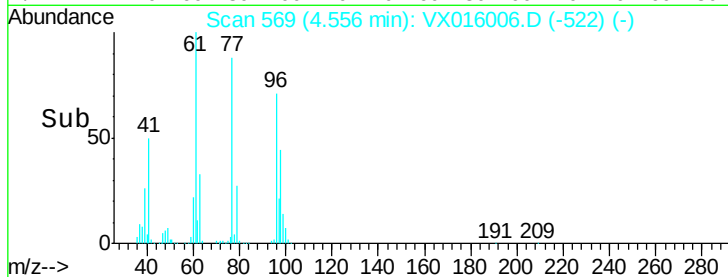
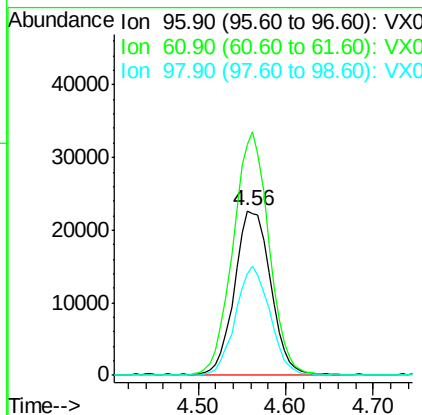
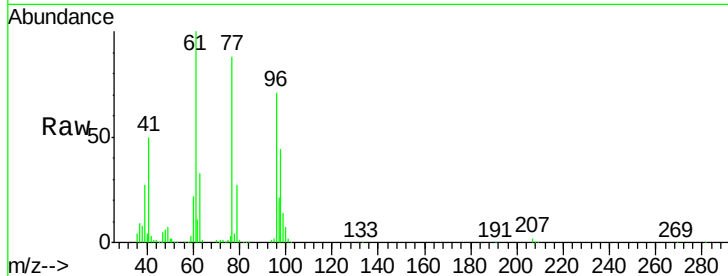
cis-1,2-Dichloroethene
Concen: 18.345 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.0	0.0	294.2
98	63.9	0.0	127.4

Manual Integrations
APPROVED

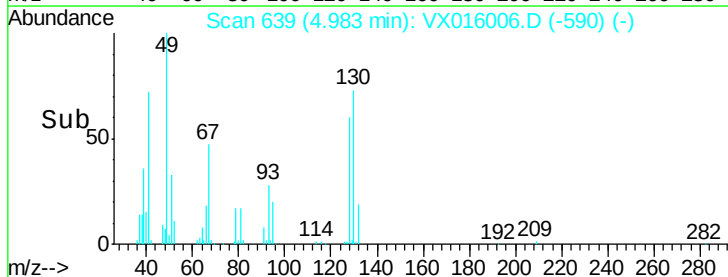
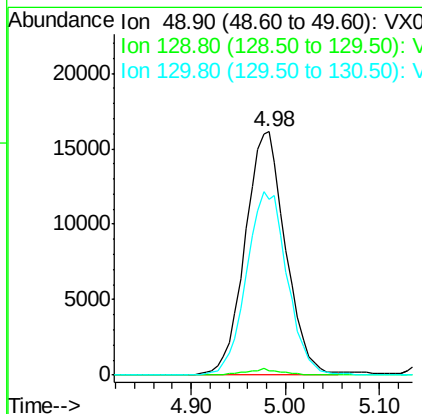
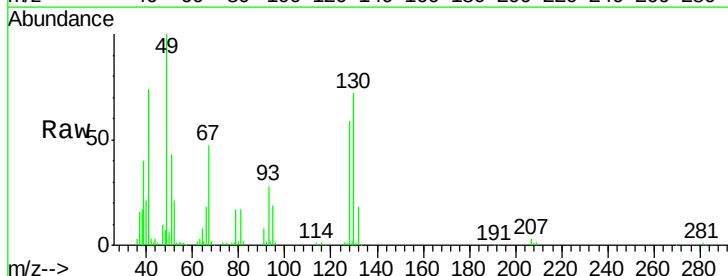
MMDadoda
5/4/2020 2:19:51 PM

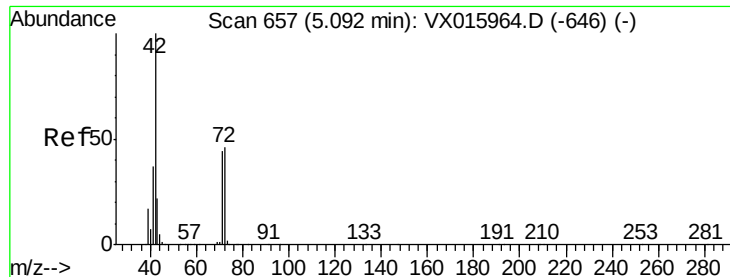


#28

Bromochloromethane
Concen: 18.332 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	76.0	63.9	95.9





#29

Tetrahydrofuran

Concen: 91.978 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

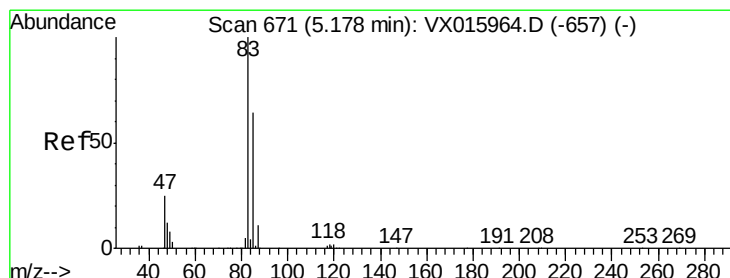
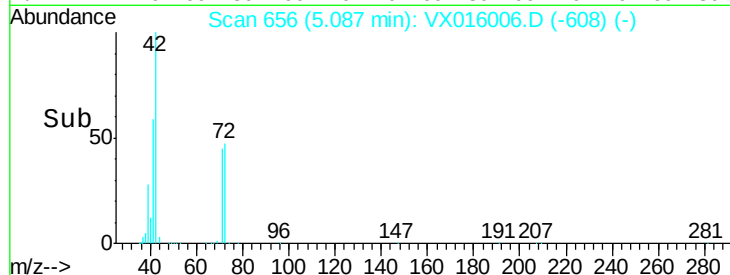
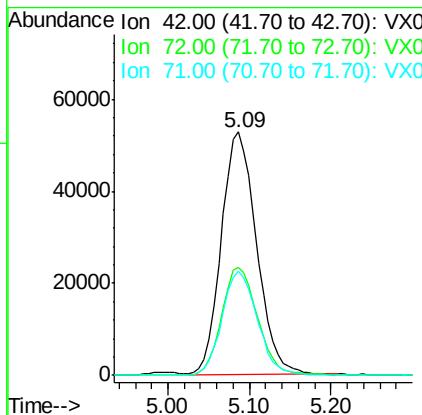
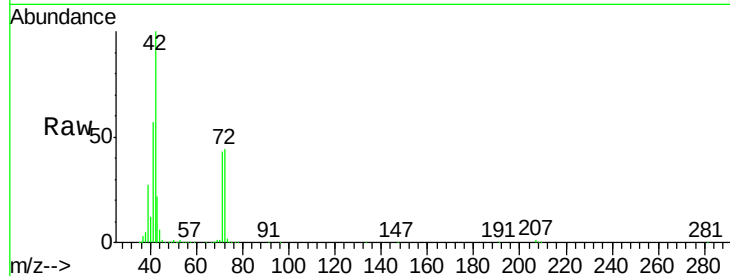
ClientSampleId :

VX0501WBS01

Tot Ion:	42	Resp:	157779
Ion	Ratio	Lower	Upper
42	100		
72	45.7	37.4	56.0
71	42.7	34.6	52.0

Manual Integrations
APPROVED

MMDadoda
5/4/2020 2:19:51 PM



#30

Chloroform

Concen: 18.444 ug/l

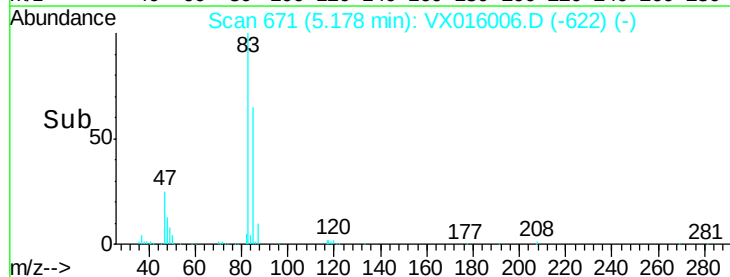
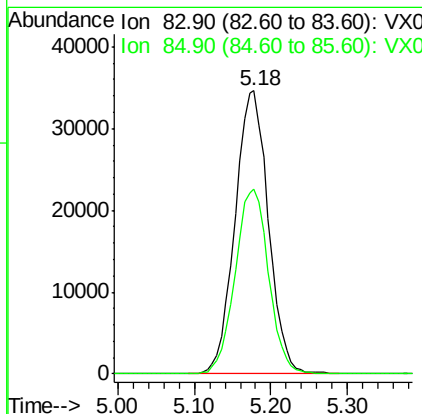
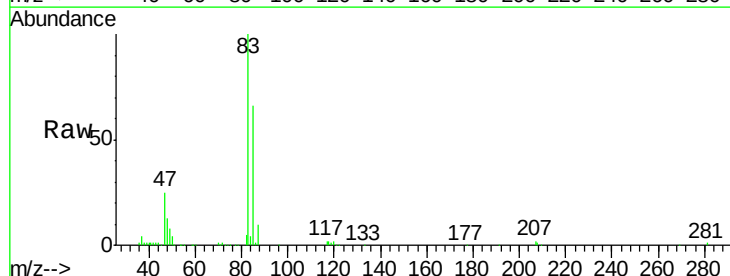
RT: 5.18 min Scan# 671

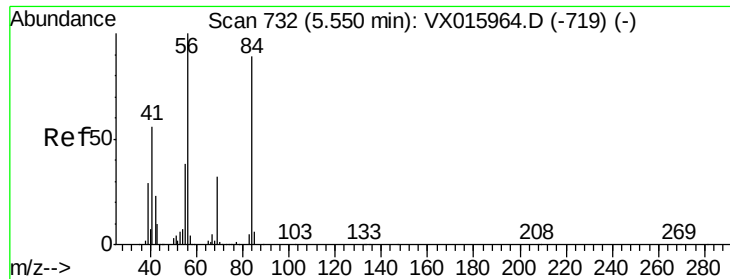
Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Tgt Ion:	83	Resp:	104692
Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.0	76.4





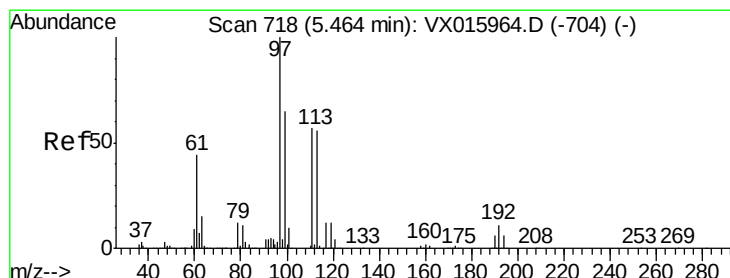
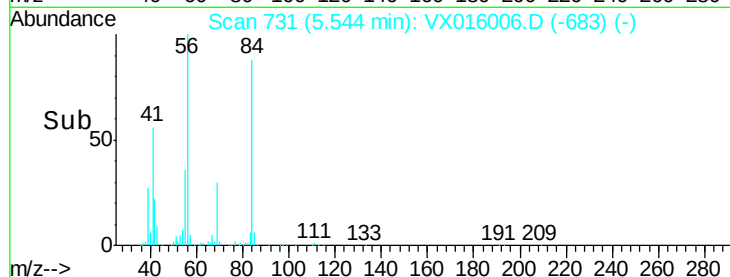
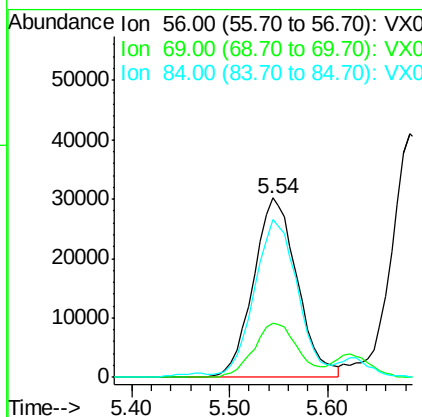
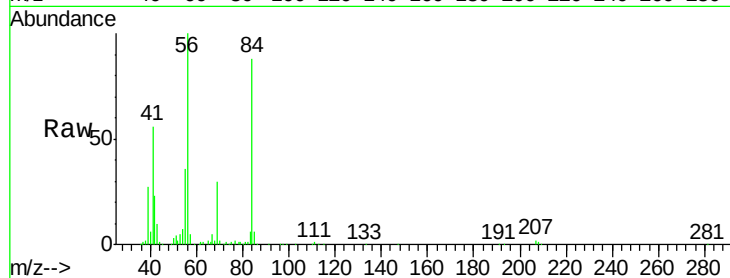
#31
Cyclohexane
Concen: 19.424 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.1	25.4	38.2
84	86.3	71.0	106.6

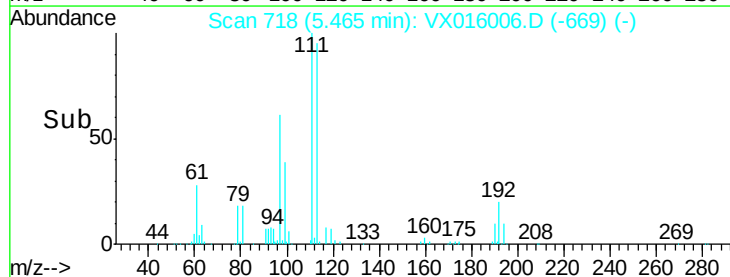
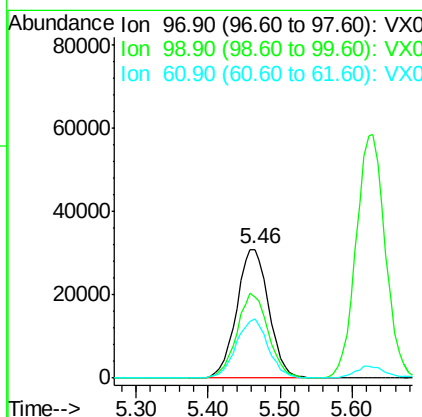
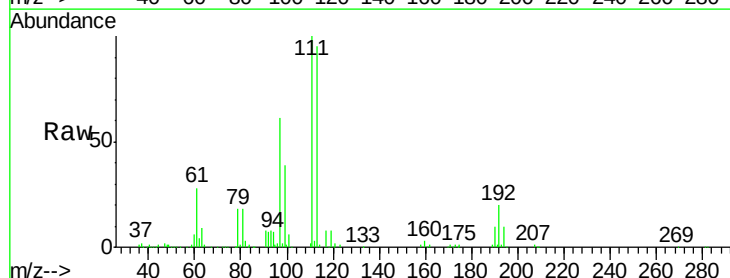
Manual Integrations
APPROVED

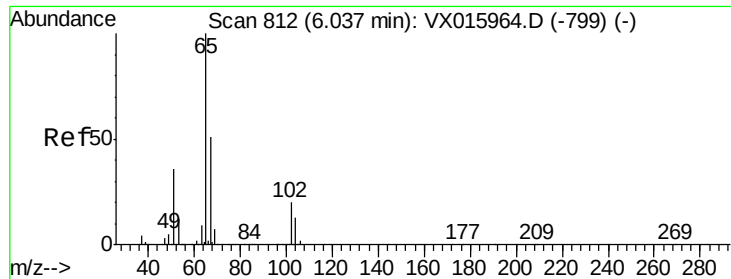
MMDadoda
5/4/2020 2:19:51 PM



#32
1,1,1-Trichloroethane
Concen: 18.339 ug/l
RT: 5.46 min Scan# 718
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.4	77.0
61	45.5	35.7	53.5





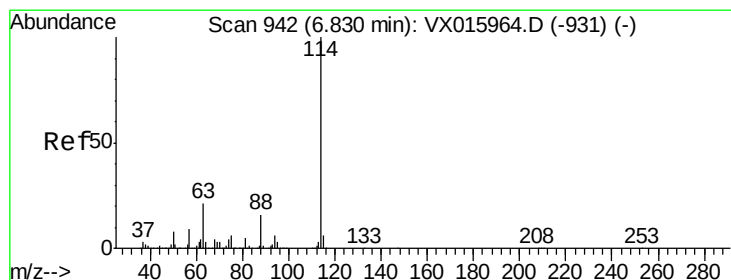
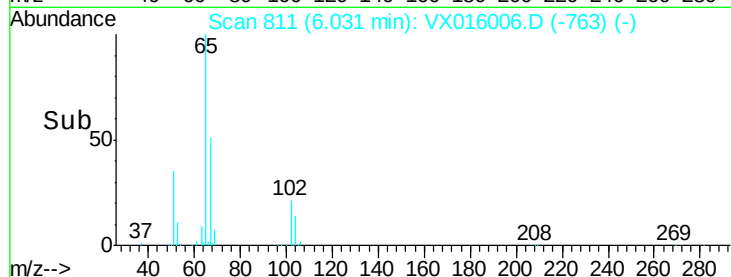
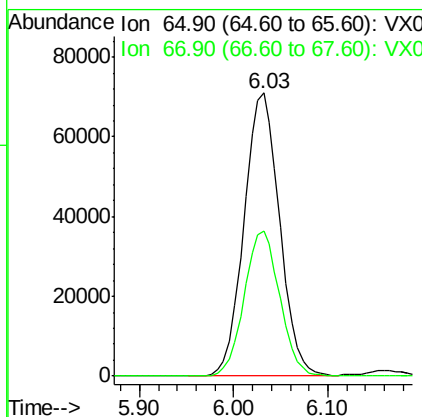
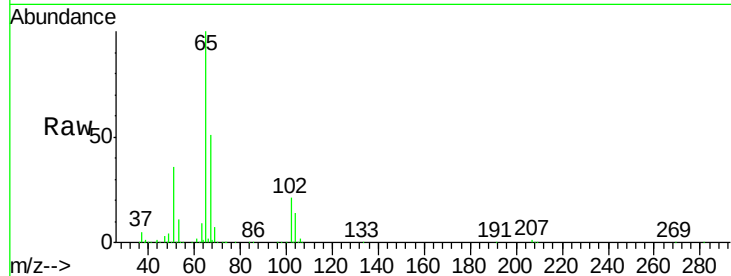
#33
 1,2-Dichloroethane-d4
 Concen: 49.659 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.4	0.0	102.4

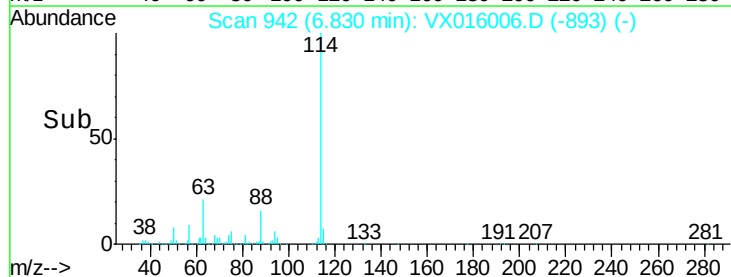
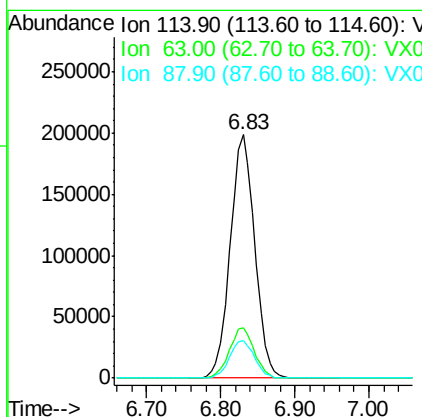
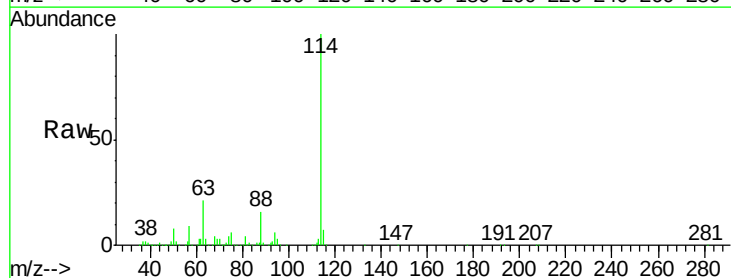
Manual Integrations
 APPROVED

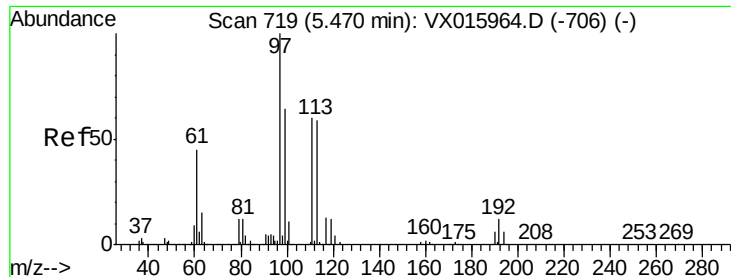
MMDadoda
 5/4/2020 2:19:51 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	41.2
88	15.6	0.0	31.8





#35

Dibromofluoromethane

Concen: 48.538 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

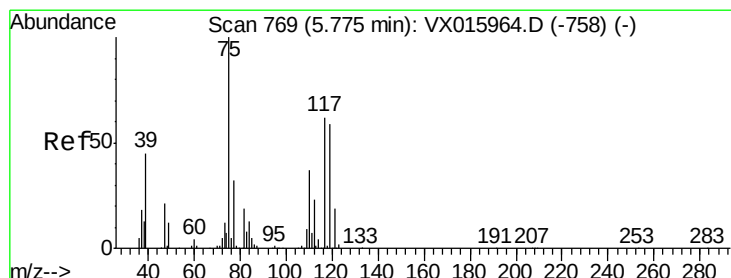
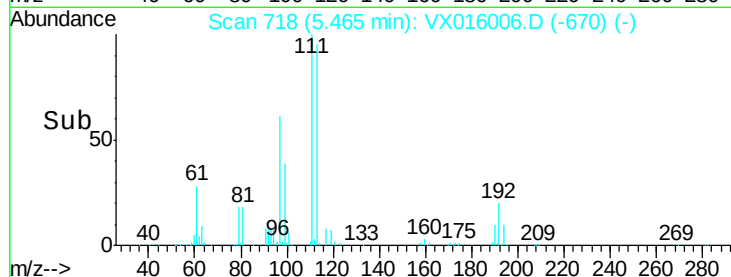
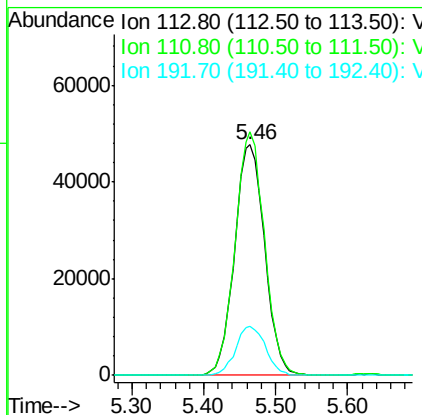
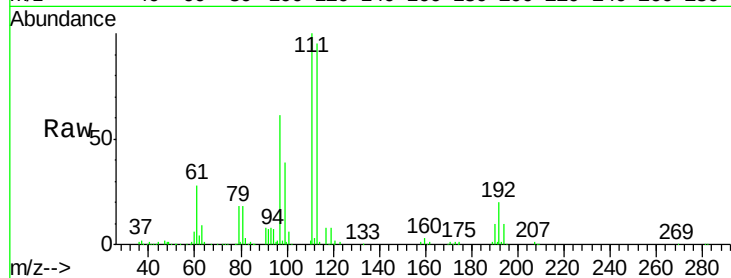
ClientSampleId :

VX0501WBS01

Tot Ion:	113	Resp:	138667
Ion Ratio	Lower	Upper	
113	100		
111	102.9	81.8	122.8
192	21.1	16.8	25.2

Manual Integrations
APPROVED

MMDadoda
5/4/2020 2:19:51 PM



#36

1,1-Dichloropropene

Concen: 18.092 ug/l

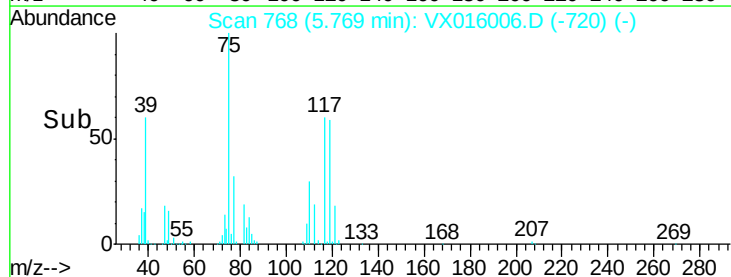
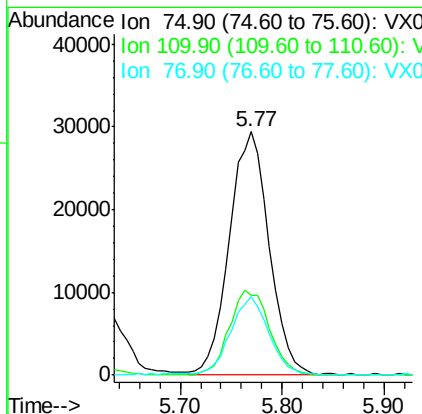
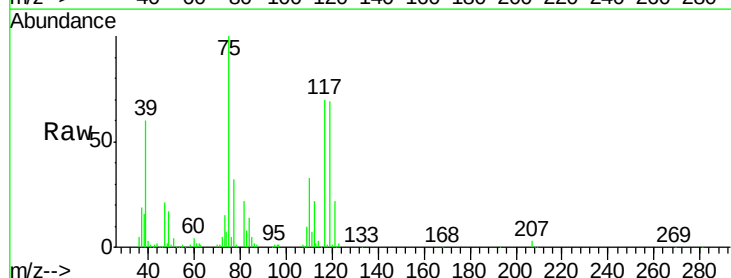
RT: 5.77 min Scan# 768

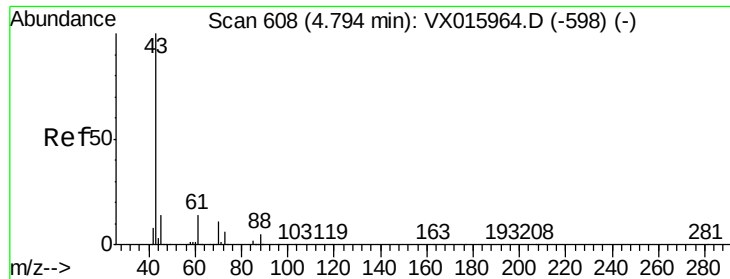
Delta R.T. -0.01 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Tgt Ion:	75	Resp:	78915
Ion Ratio	Lower	Upper	
75	100		
110	35.7	17.9	53.7
77	31.4	25.2	37.8





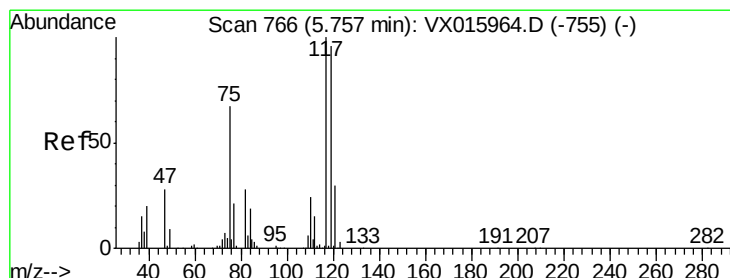
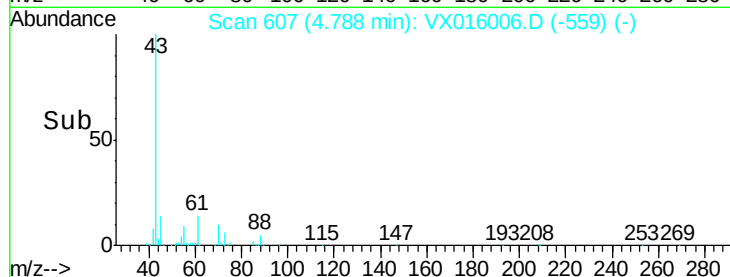
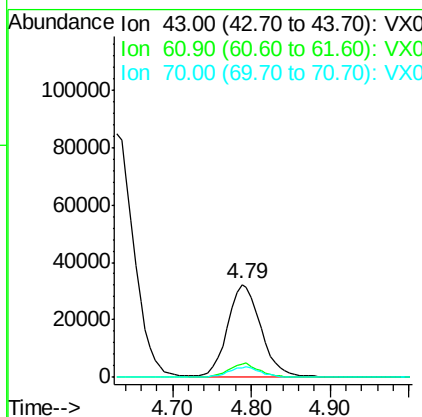
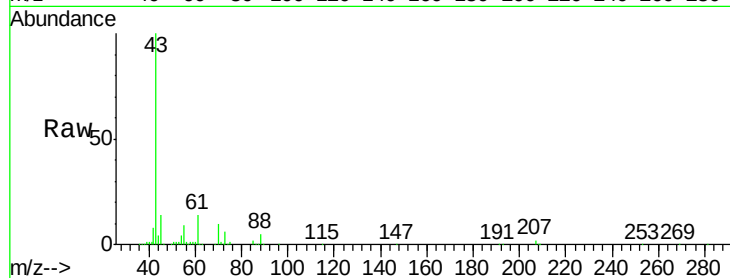
#37
Ethyl Acetate
Concen: 18.755 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS01

Tot Ion:	43	Resp:	93809
Ion	Ratio	Lower	Upper
43	100		
61	13.6	11.6	17.4
70	11.2	8.9	13.3

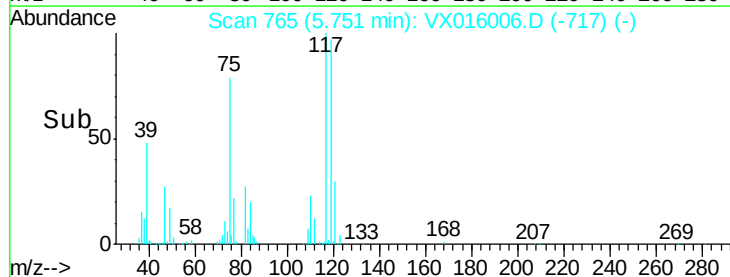
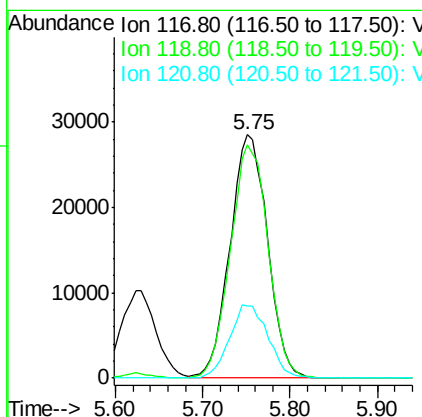
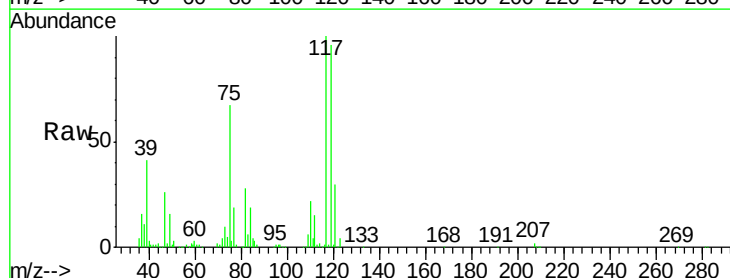
Manual Integrations
APPROVED

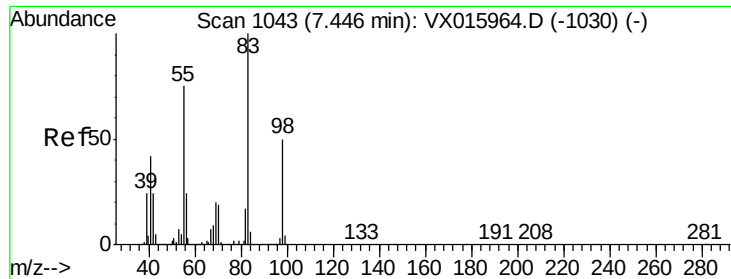
MMDadoda
5/4/2020 2:19:51 PM



#38
Carbon Tetrachloride
Concen: 18.423 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Tgt Ion:	117	Resp:	84879
Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.2	114.4
121	29.6	24.2	36.4





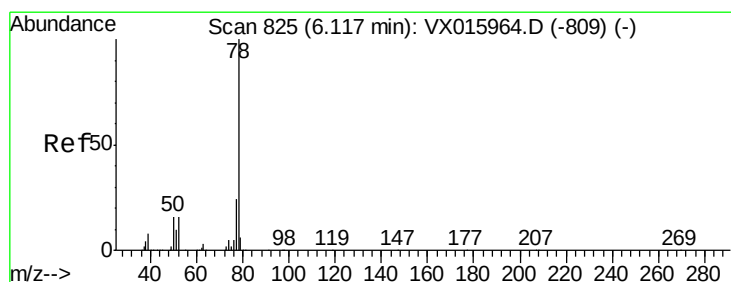
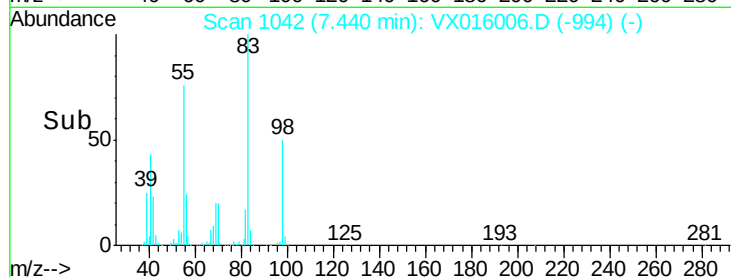
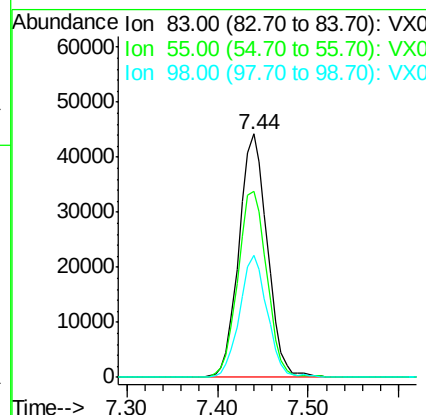
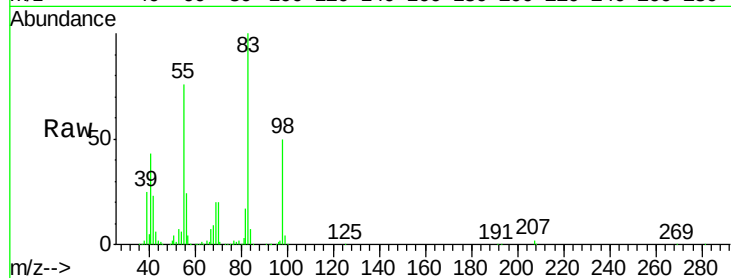
#39
Methylvlcyclohexane
Concen: 19.065 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.01 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.4	59.9	89.9
98	50.2	39.9	59.9

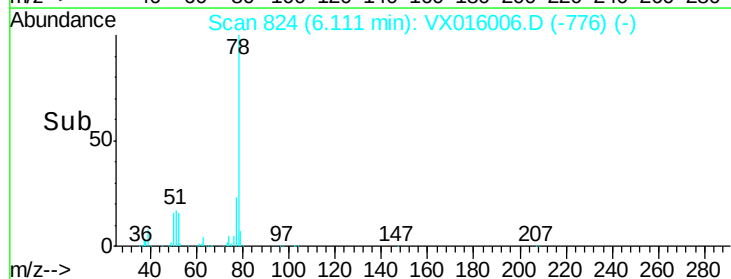
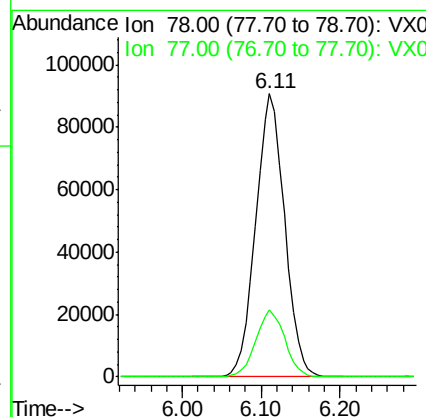
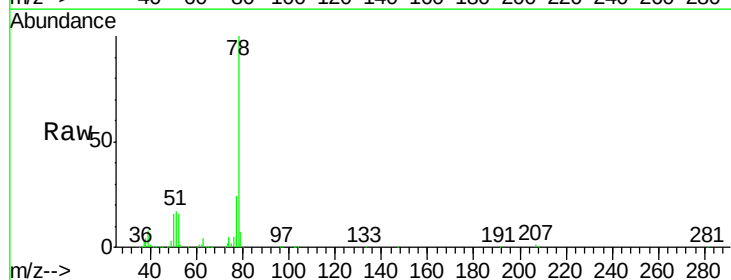
Manual Integrations
APPROVED

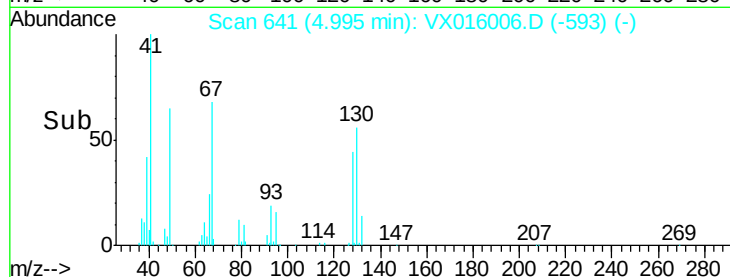
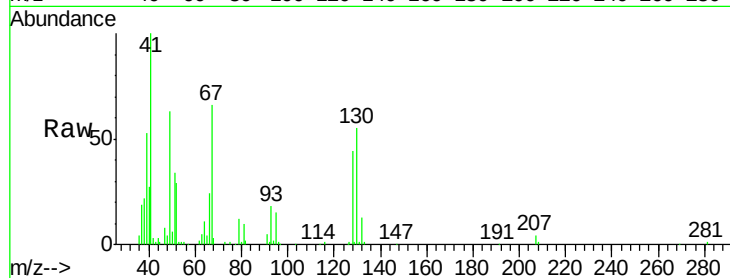
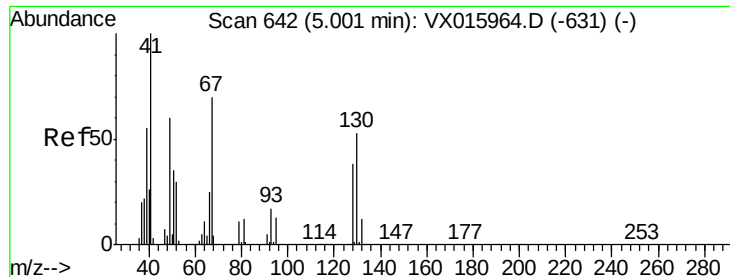
MMDadoda
5/4/2020 2:19:51 PM



#40
Benzene
Concen: 18.599 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

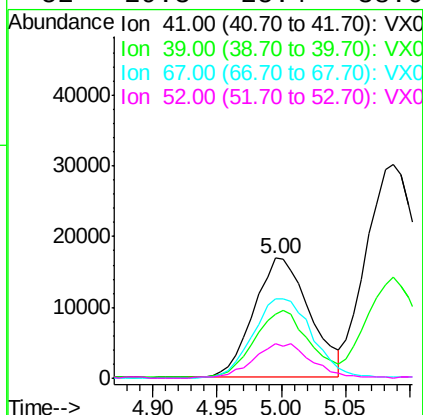
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.8	28.2





#41
Methacrylonitrile
Concen: 19.073 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

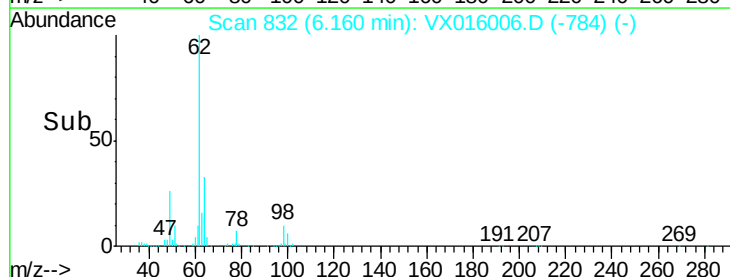
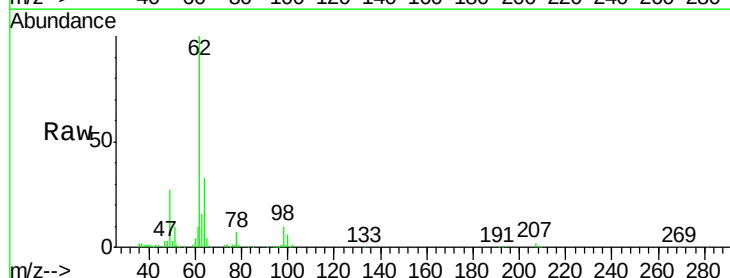
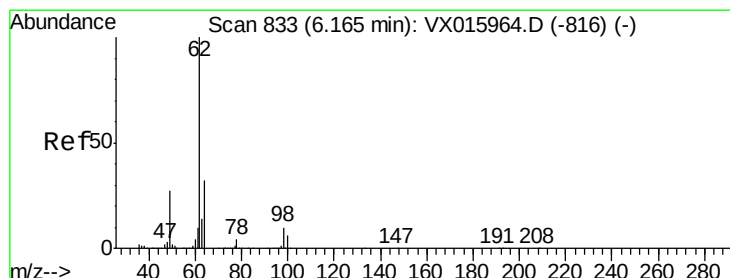
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.5	45.2	67.8	
67	71.5	59.4	89.2	
52	29.3	25.4	38.0	



Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS01

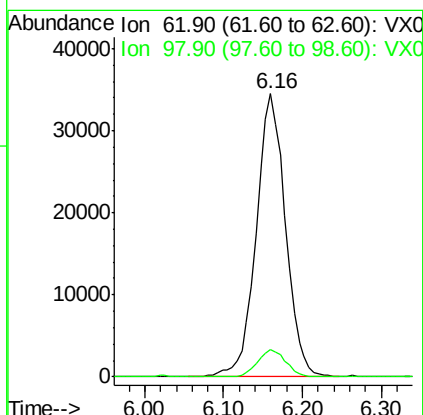
Manual Integrations
APPROVED

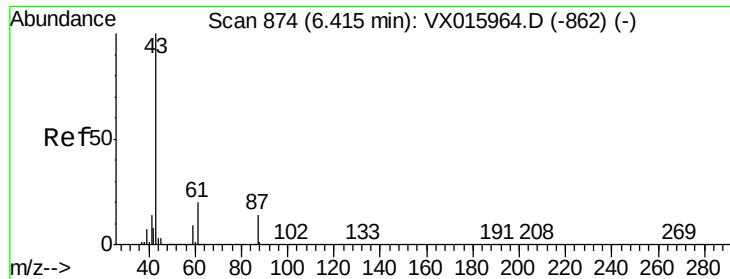
MMDadoda
5/4/2020 2:19:51 PM



#42
1,2-Dichloroethane
Concen: 18.491 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.3	0.0	18.4	





#43

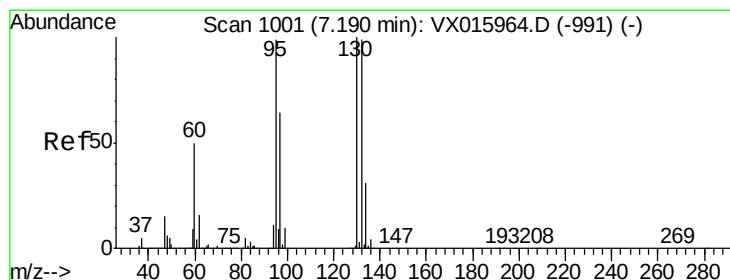
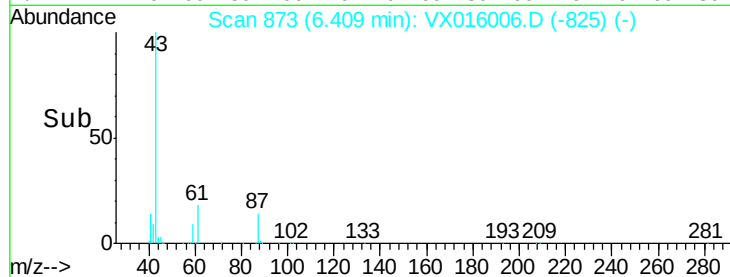
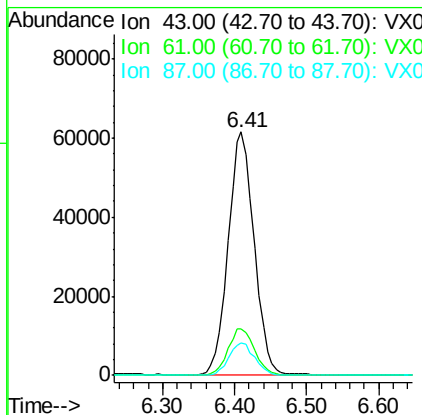
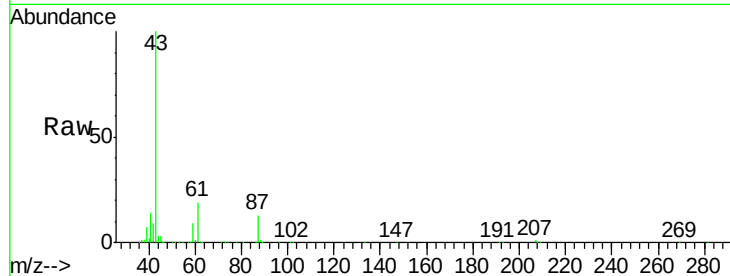
Isopropyl Acetate
 Concen: 18.484 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	16.1	24.1
87	13.5	10.9	16.3

Manual Integrations
 APPROVED

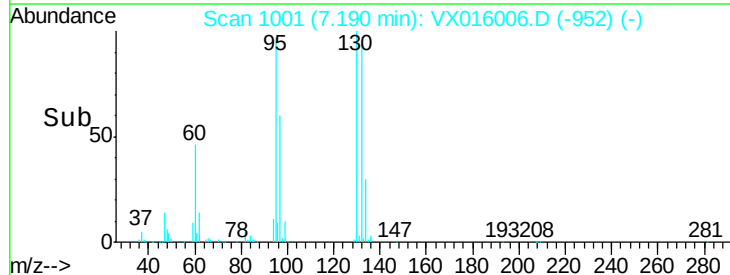
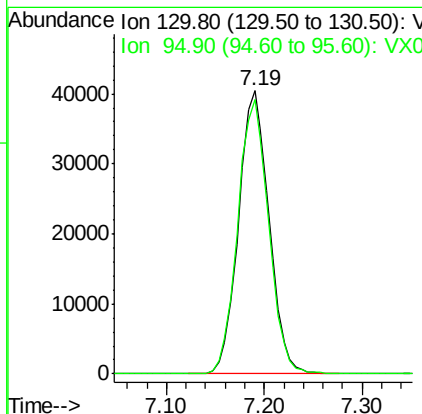
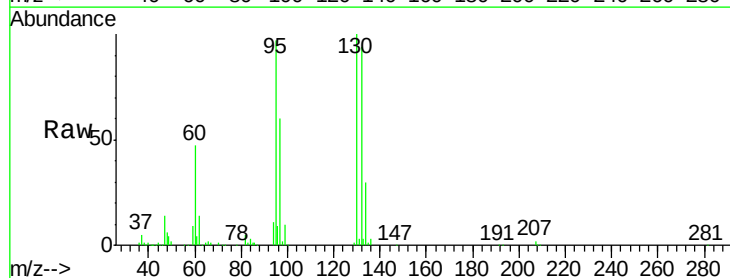
MMDadoda
 5/4/2020 2:19:51 PM

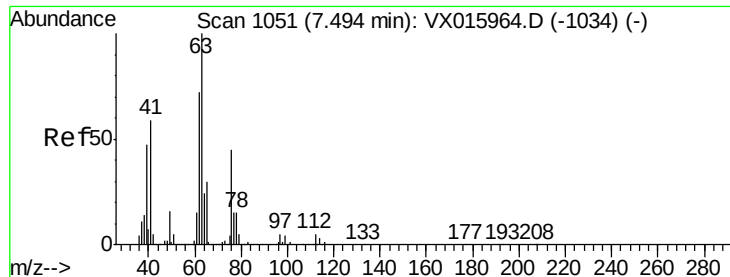


#44

Trichloroethene
 Concen: 19.527 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	197.4





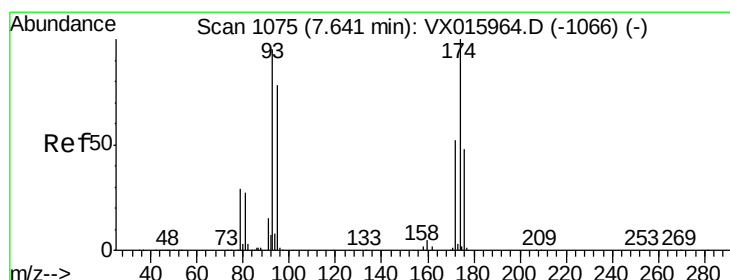
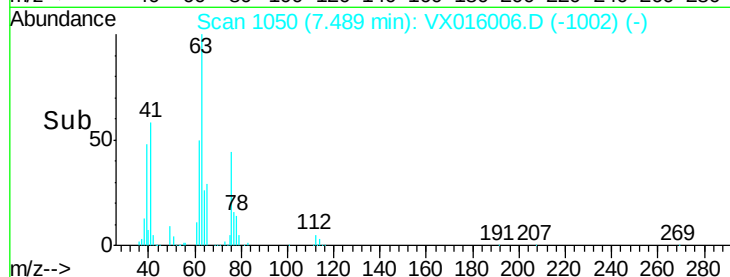
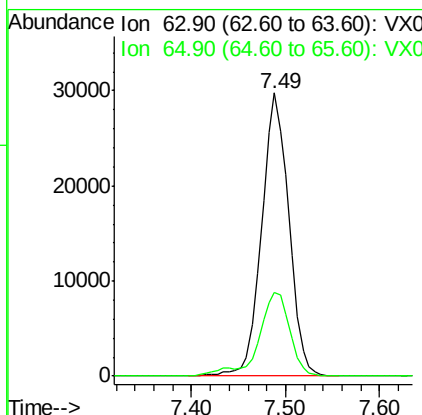
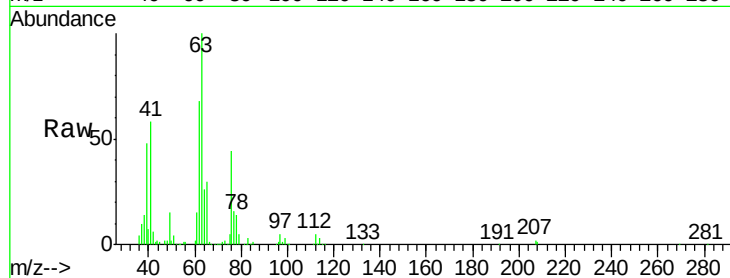
#45
 1,2-Dichloropropane
 Concen: 18.819 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS01

Tot Ion	Ratio	Resp	Lower	Upper
63	100	60531		
65	29.6		24.3	36.5

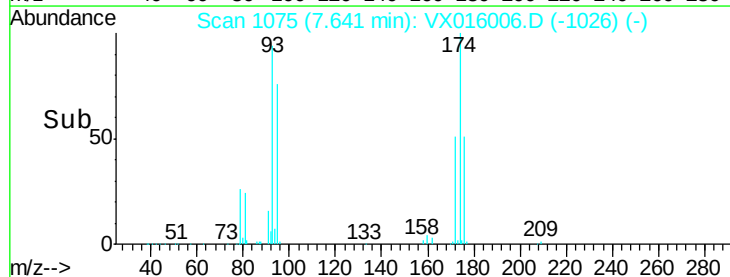
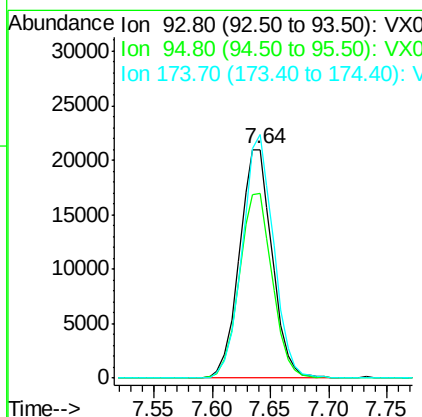
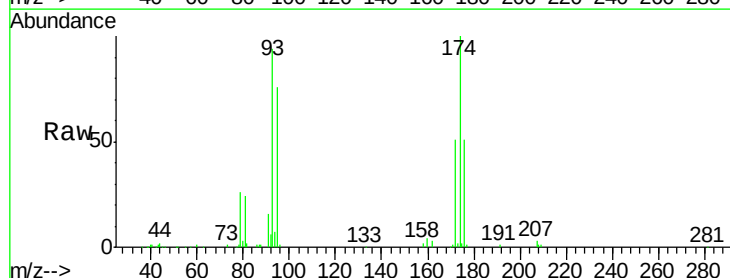
Manual Integrations
 APPROVED

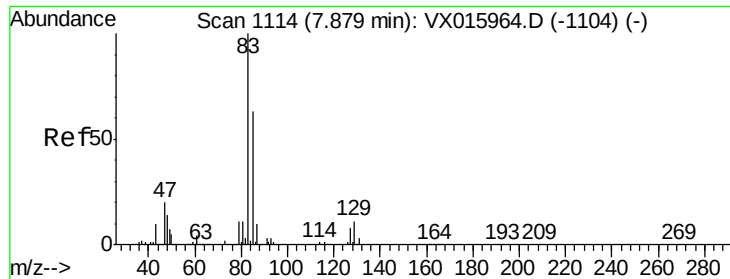
MMDadoda
 5/4/2020 2:19:51 PM



#46
 Dibromomethane
 Concen: 17.971 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	41074		
95	81.7		65.5	98.3
174	102.5		82.7	124.1





#47

Bromodichloromethane

Concen: 18.518 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

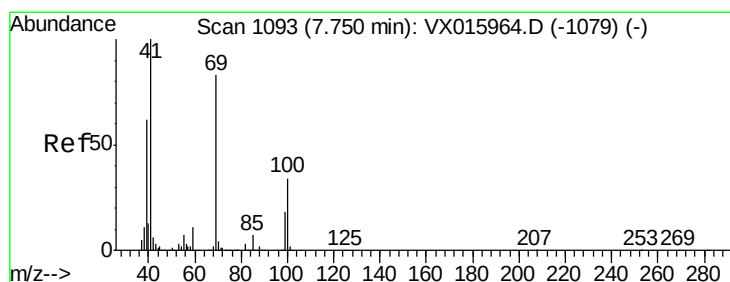
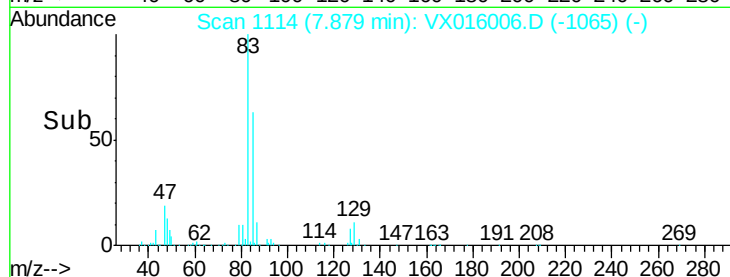
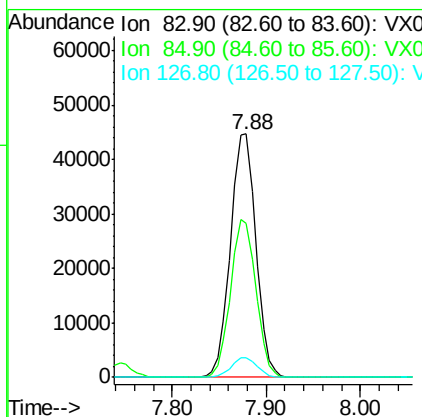
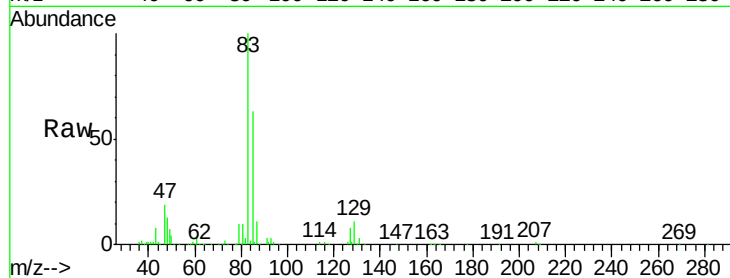
ClientSampleId :

VX0501WBS01

Tot Ion:	83	Resp:	84106
Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.6	75.8
127	7.8	6.7	10.1

Manual Integrations
APPROVED

MMDadoda
5/4/2020 2:19:51 PM



#48

Methyl methacrylate

Concen: 18.282 ug/l

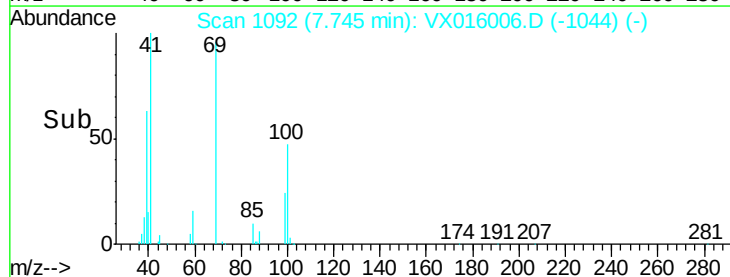
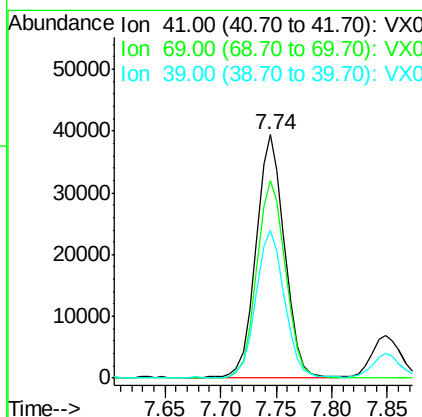
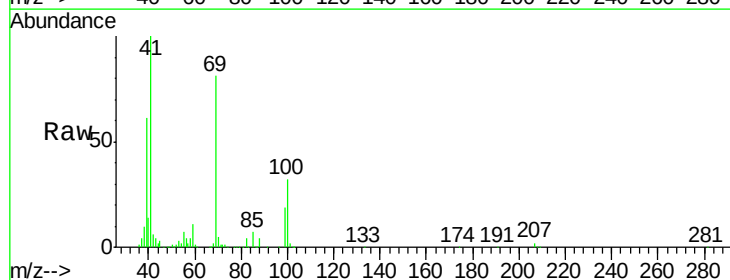
RT: 7.74 min Scan# 1092

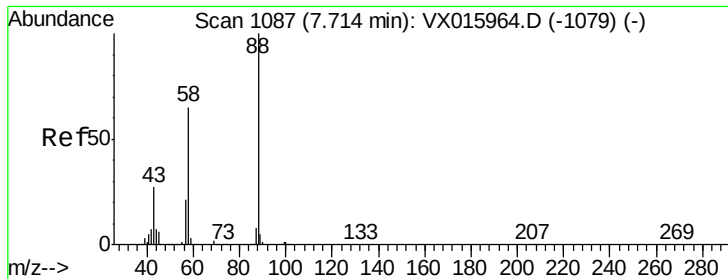
Delta R.T. -0.01 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Tgt Ion:	41	Resp:	69912
Ion	Ratio	Lower	Upper
41	100		
69	82.3	66.0	99.0
39	60.9	49.0	73.4





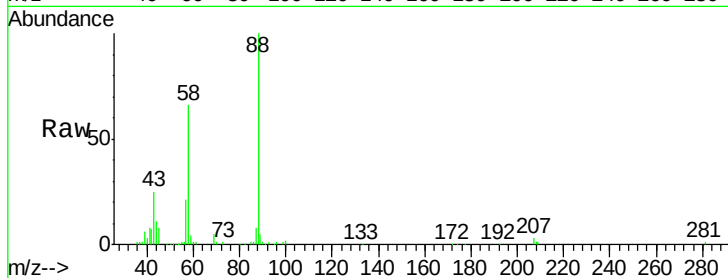
#49
1,4-Dioxane
Concen: 367.767 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.9	26.6	39.8
58	70.7	54.8	82.2

Manual Integrations
APPROVED

MMDadoda
5/4/2020 2:19:51 PM



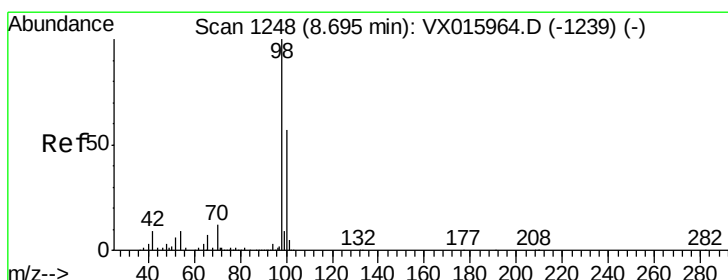
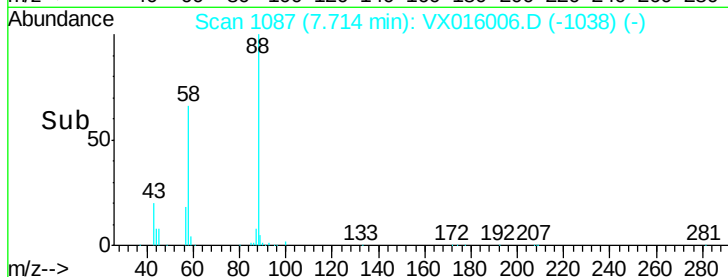
Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

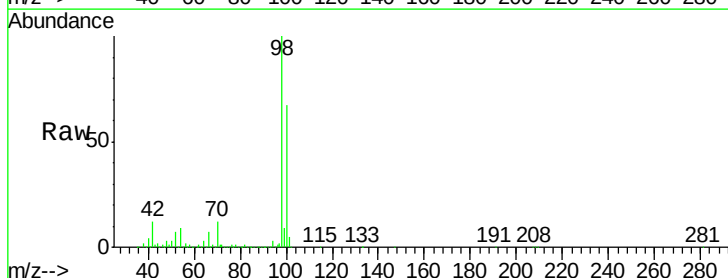
Ion 58.00 (57.70 to 58.70): VX0

Time-->



#50
Toluene-d8
Concen: 50.049 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.1	79.7

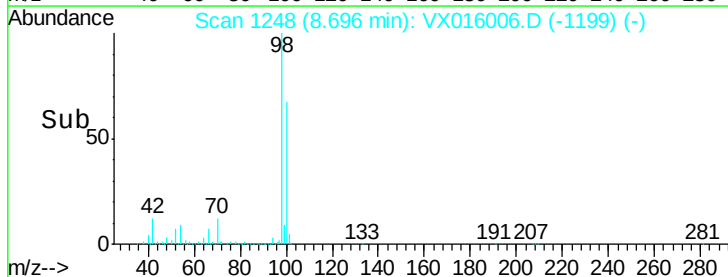


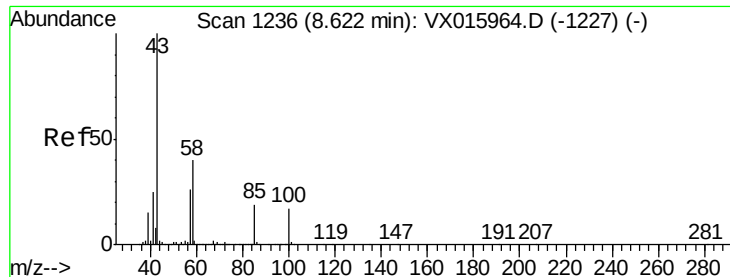
Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

Time-->





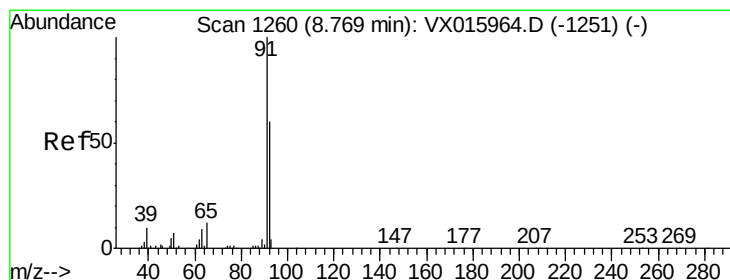
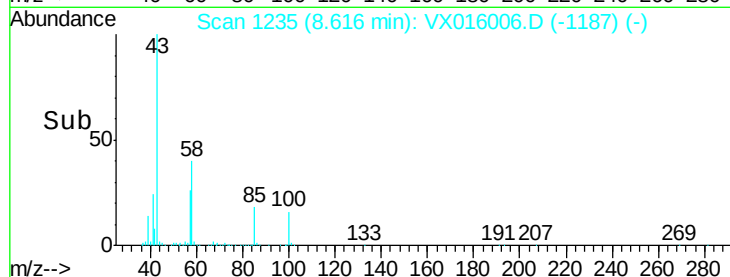
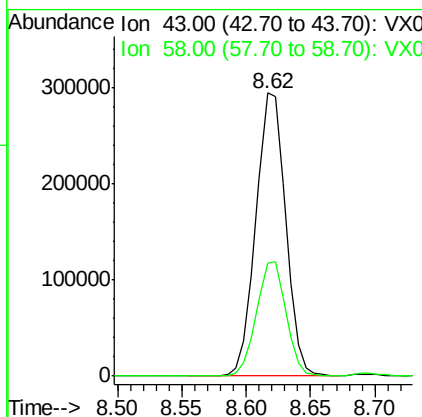
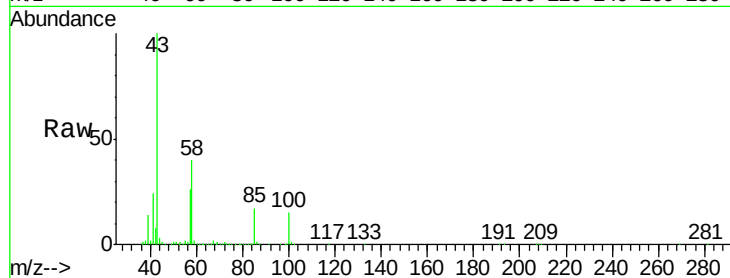
#51
4-Methyl-2-Pentanone
Concen: 93.427 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.1	32.0	48.0

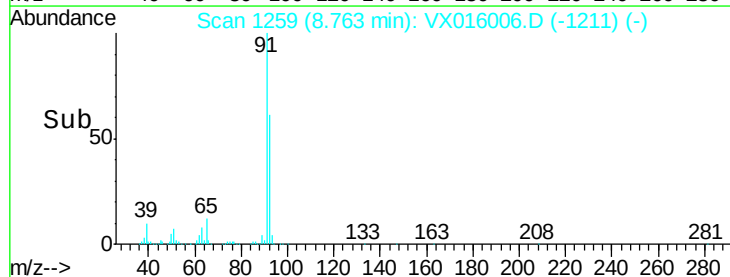
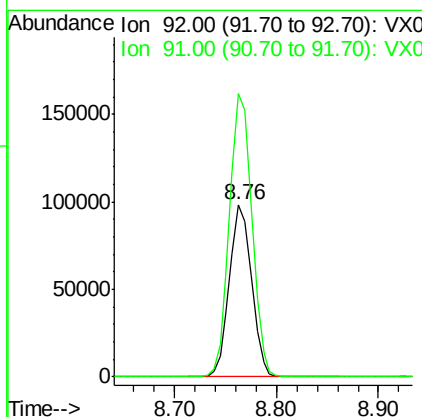
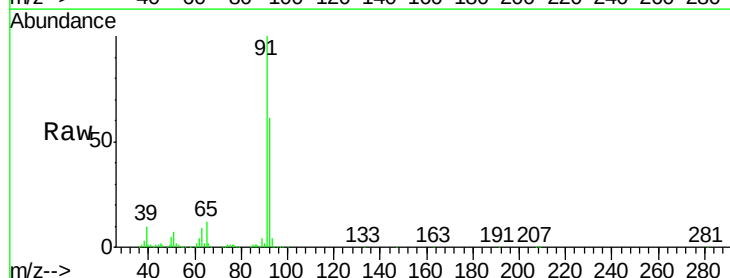
Manual Integrations
APPROVED

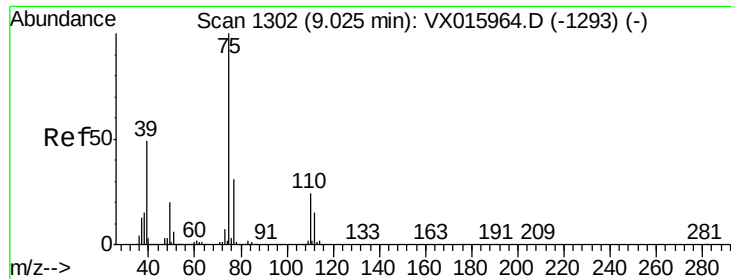
MMDadoda
5/4/2020 2:19:51 PM



#52
Toluene
Concen: 18.715 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Tgt Ion	Ratio	Lower	Upper
92	100		
91	166.8	134.6	202.0





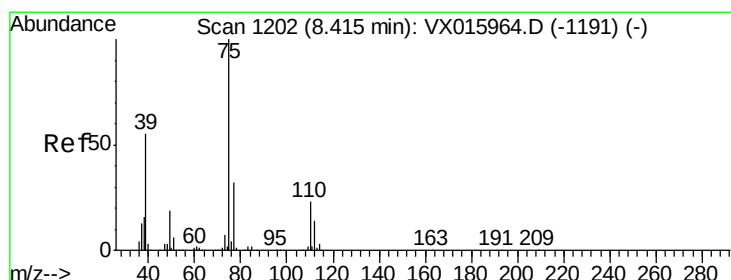
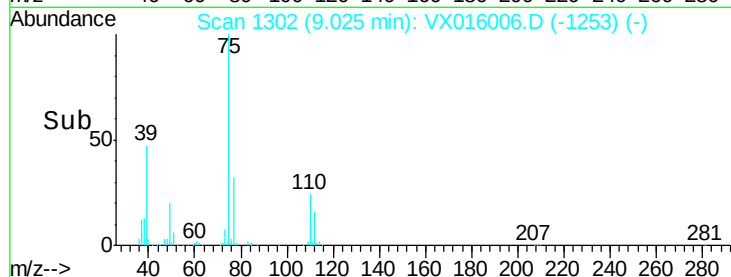
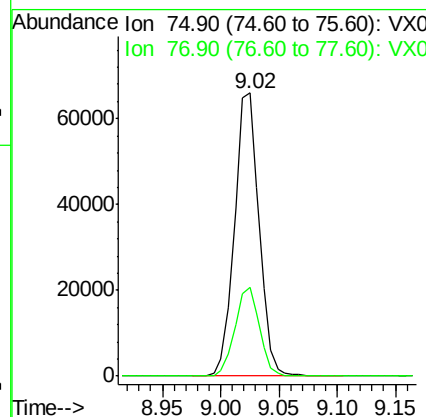
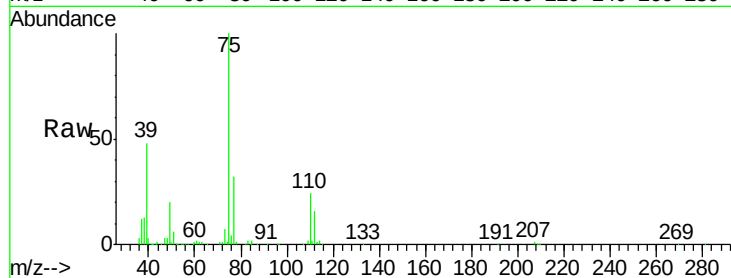
#53
t-1,3-Dichloropropene
Concen: 18.032 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.9	37.3

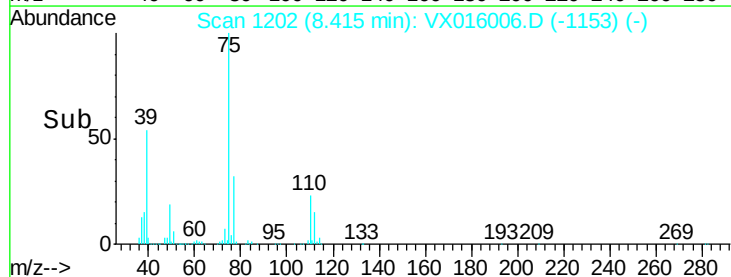
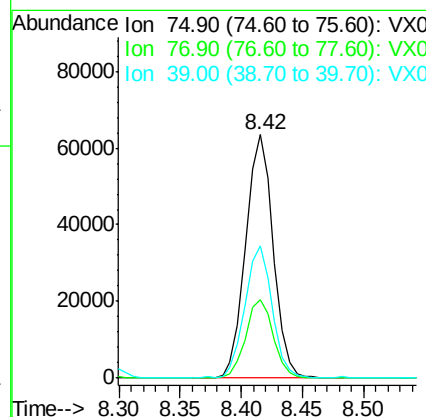
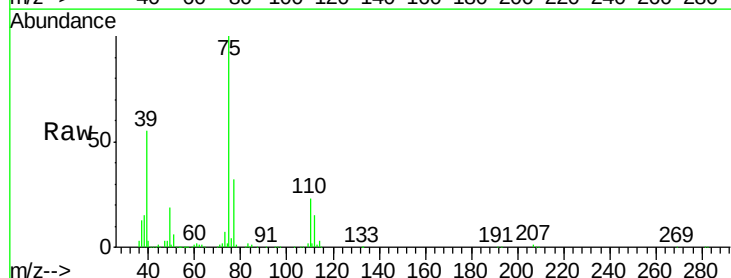
Manual Integrations
APPROVED

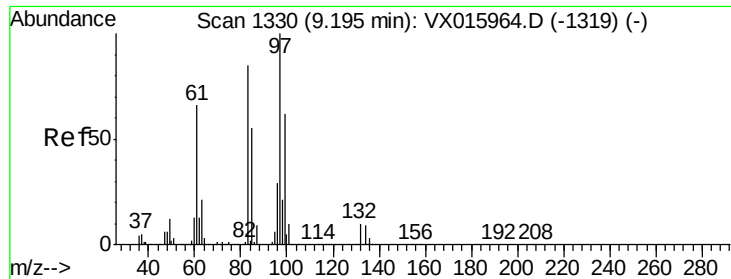
MMDadoda
5/4/2020 2:19:51 PM



#54
cis-1,3-Dichloropropene
Concen: 17.911 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.4	38.0
39	54.3	44.1	66.1





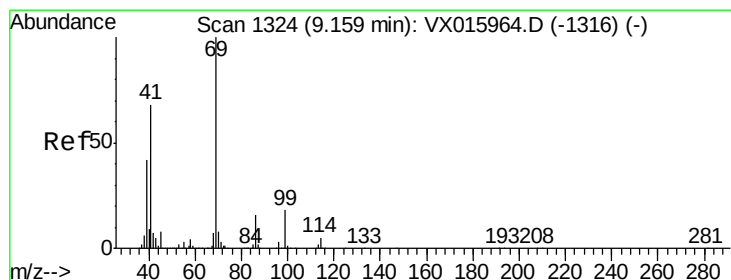
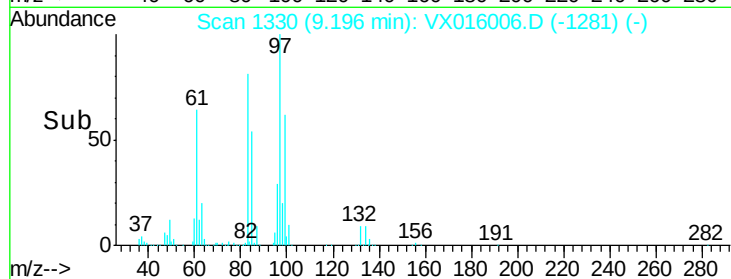
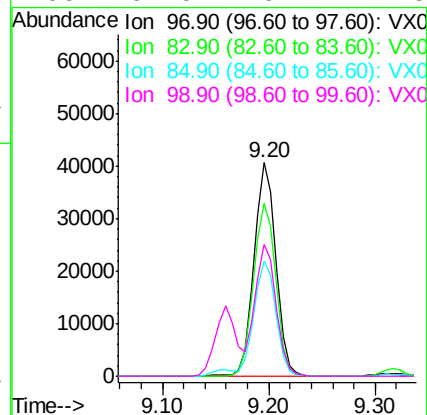
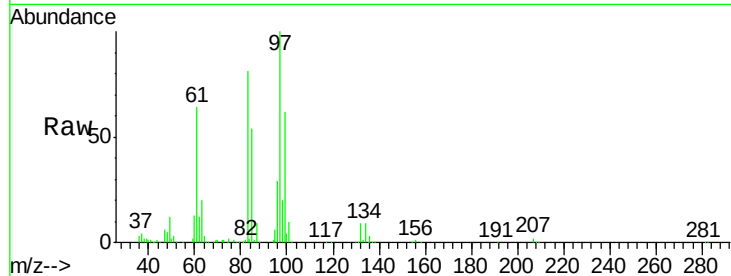
#55
 1,1,2-Trichloroethane
 Concen: 18.673 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS01

Tot Ion:	97	Resp:	58953
Ion	Ratio	Lower	Upper
97	100		
83	81.0	68.2	102.2
85	54.1	43.7	65.5
99	62.0	49.7	74.5

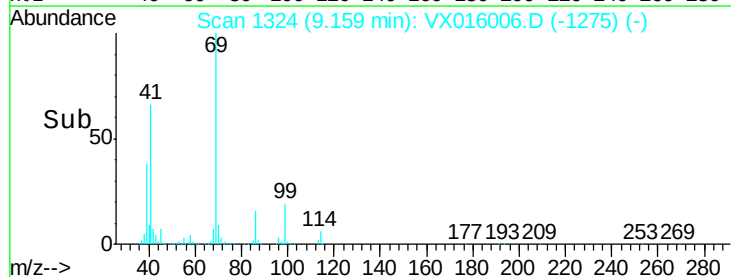
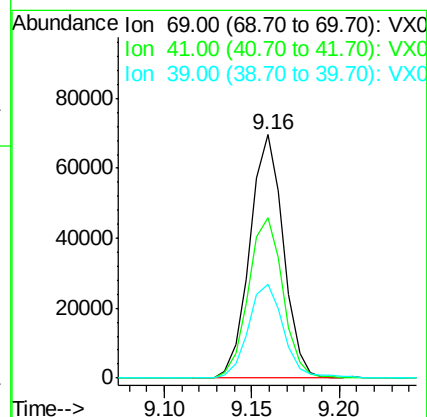
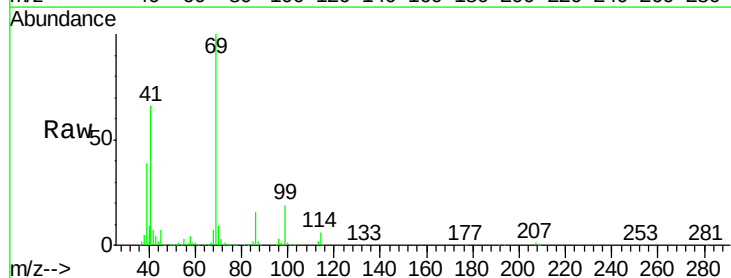
Manual Integrations
 APPROVED

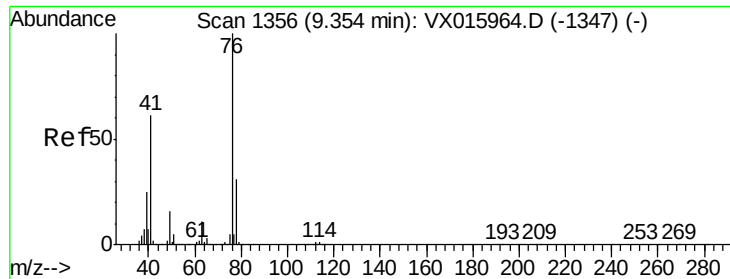
MMDadoda
 5/4/2020 2:19:51 PM



#56
 Ethyl methacrylate
 Concen: 18.131 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

Tgt Ion:	69	Resp:	93076
Ion	Ratio	Lower	Upper
69	100		
41	67.0	53.5	80.3
39	40.1	33.4	50.0





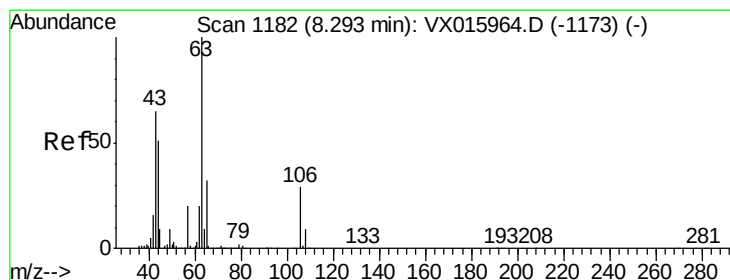
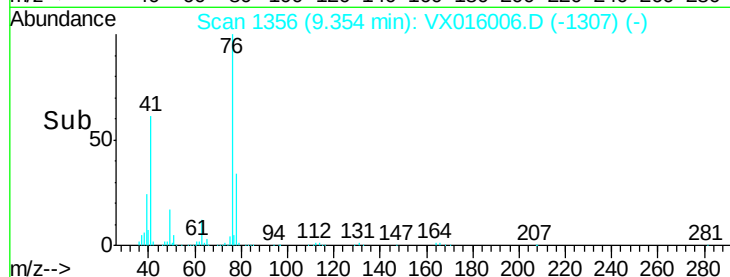
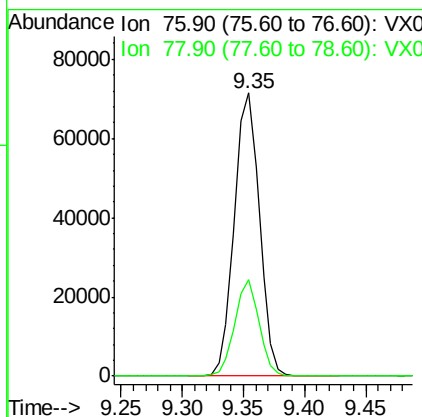
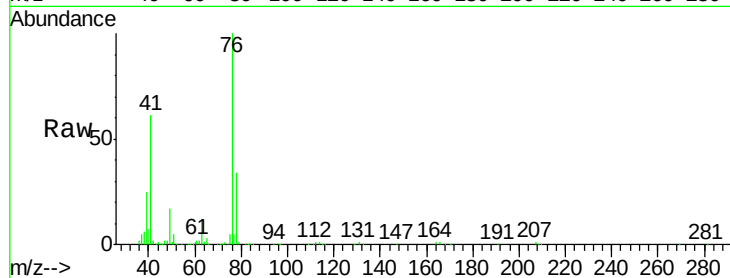
#57
 1,3-Dichloropropane
 Concen: 18.752 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.6	25.5	38.3

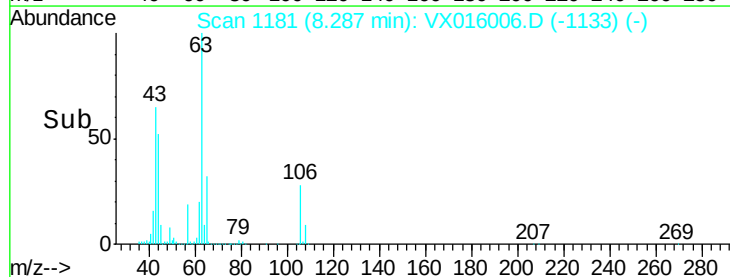
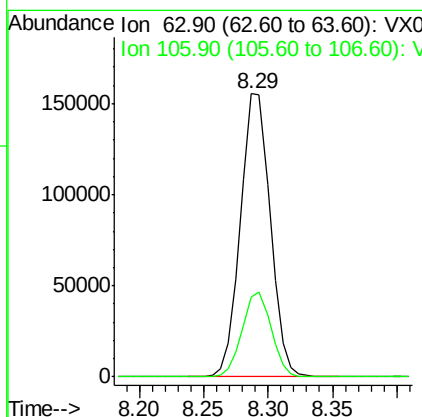
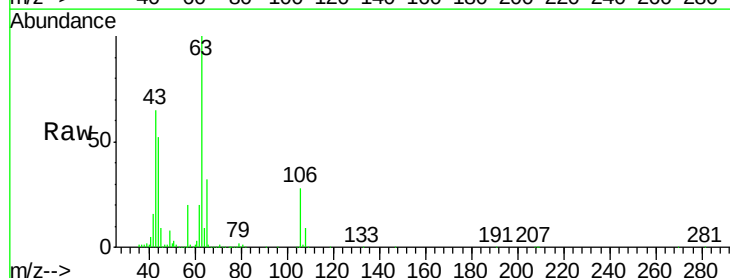
Manual Integrations
 APPROVED

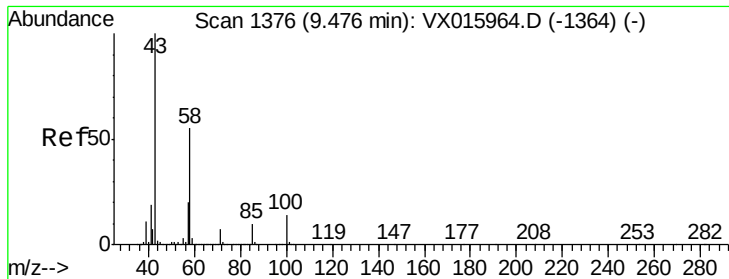
MMDadoda
 5/4/2020 2:19:51 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.985 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.3	23.6	35.4





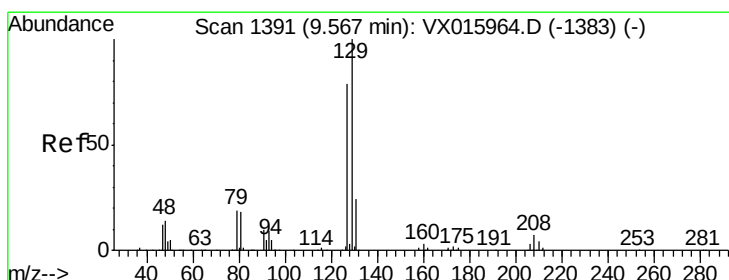
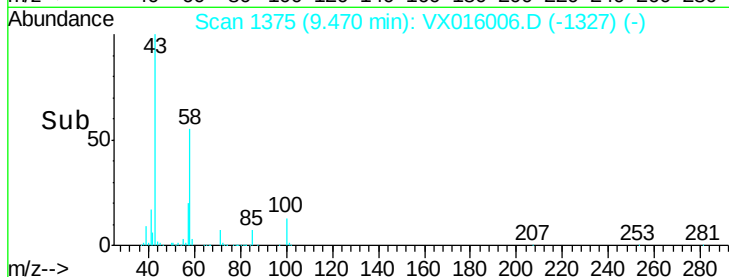
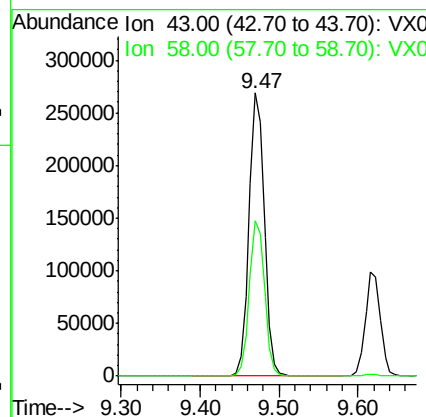
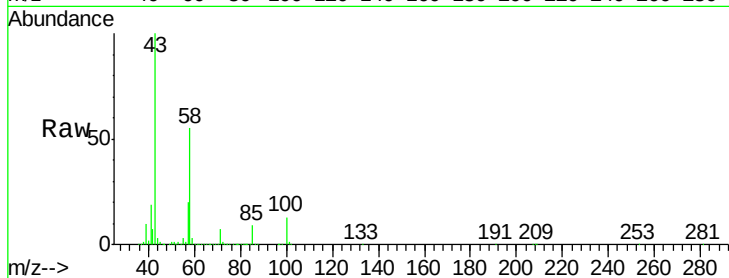
#59
2-Hexanone
Concen: 92.105 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS01

Tot Ion: 43 Resp: 361625
Ion Ratio Lower Upper
43 100
58 55.0 27.7 83.1

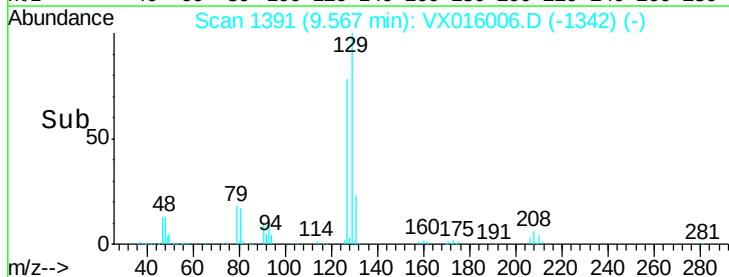
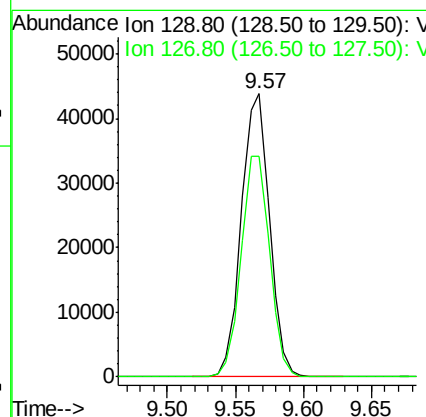
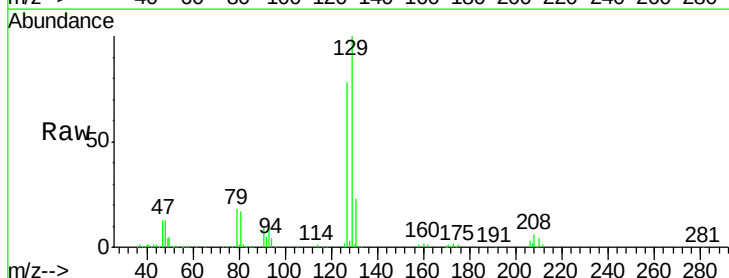
Manual Integrations
APPROVED

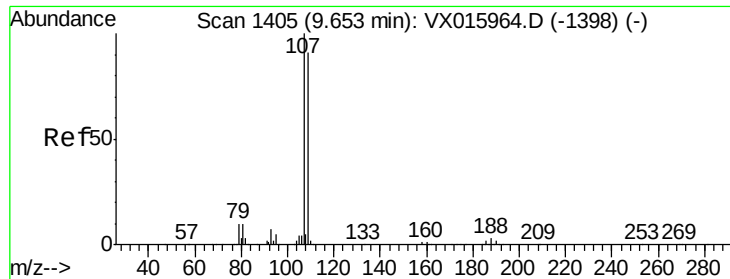
MMDadoda
5/4/2020 2:19:51 PM



#60
Dibromochloromethane
Concen: 17.910 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Tgt Ion: 129 Resp: 63289
Ion Ratio Lower Upper
129 100
127 79.2 39.4 118.1





#61

1,2-Dibromoethane

Concen: 18.480 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS01

Tot Ion: 107 Resp: 63267

Ion Ratio Lower Upper

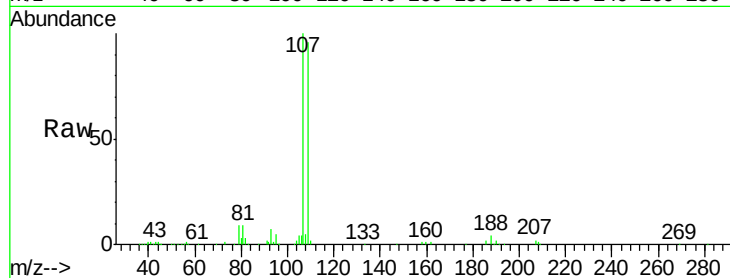
107 100

109 92.6 74.9 112.3

Manual Integrations
APPROVED

MMDadoda

5/4/2020 2:19:51 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

50000

40000

30000

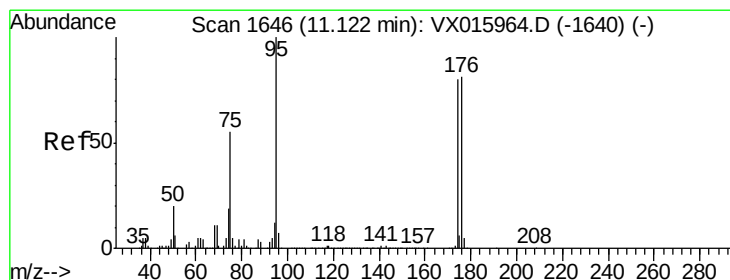
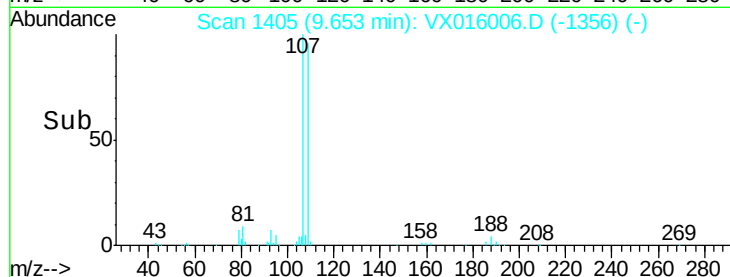
20000

10000

0

9.55 9.60 9.65 9.70 9.75

Time-->



#62

4-Bromofluorobenzene

Concen: 49.489 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

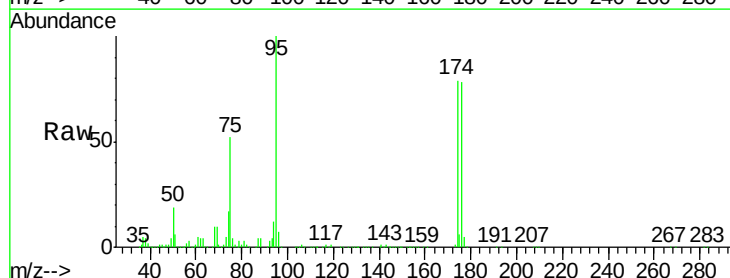
Tgt Ion: 95 Resp: 207332

Ion Ratio Lower Upper

95 100

174 79.2 0.0 165.0

176 77.6 0.0 163.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

200000

150000

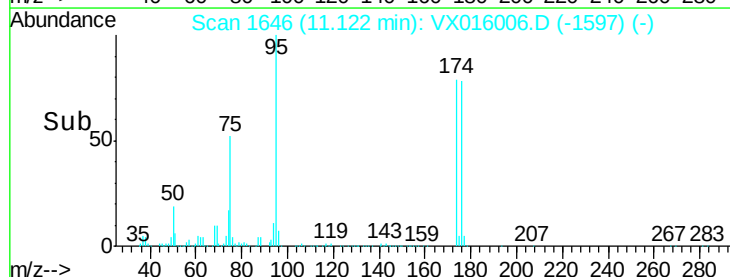
100000

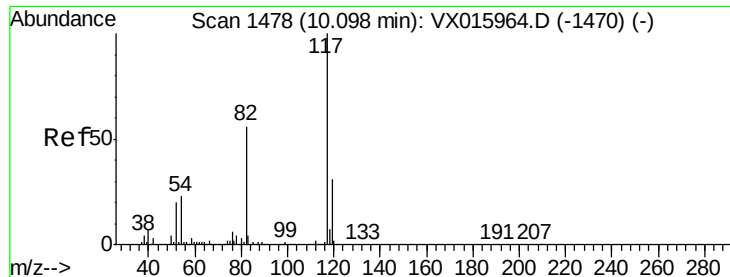
50000

0

11.05 11.10 11.15 11.20

Time-->





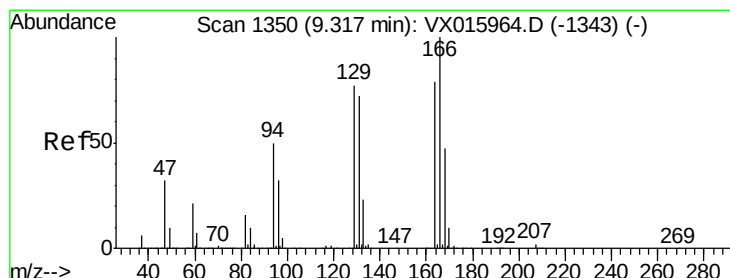
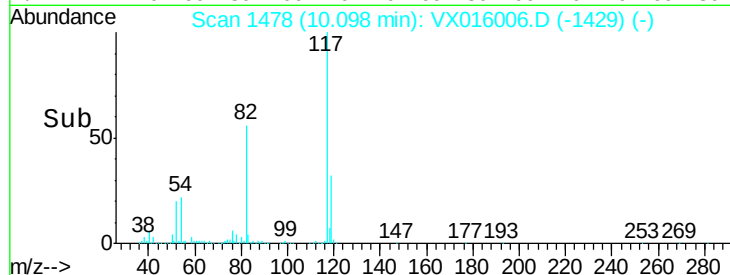
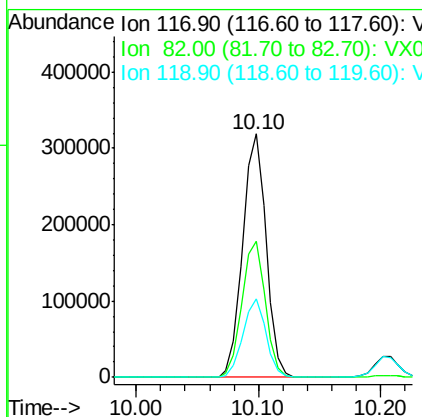
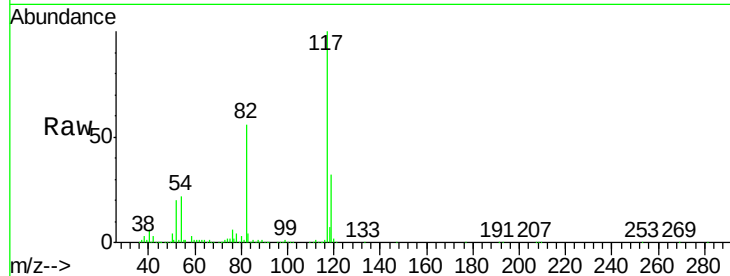
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	423375		
82	56.0		44.5	66.7
119	32.3		25.0	37.6

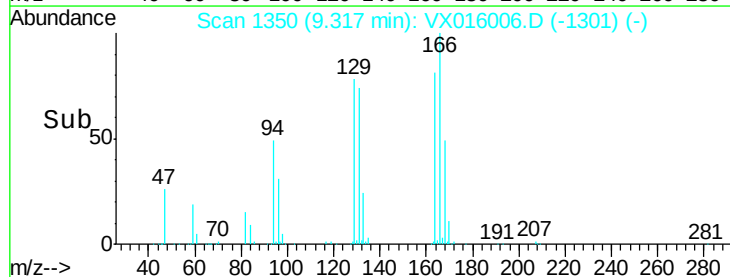
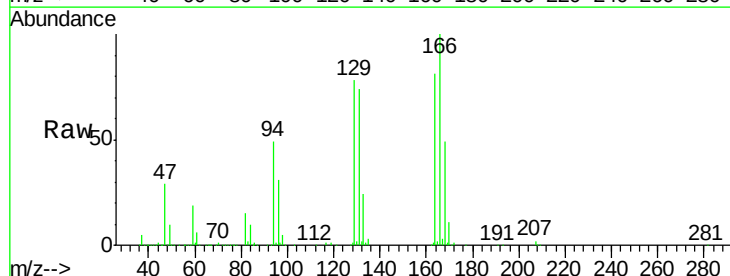
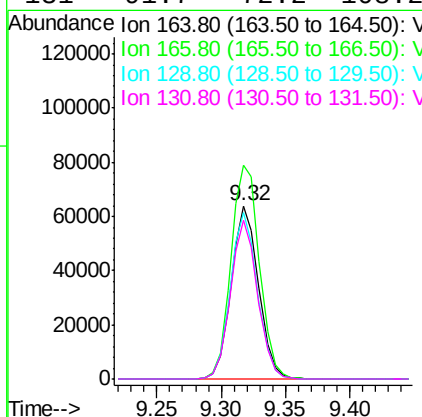
Manual Integrations
APPROVED

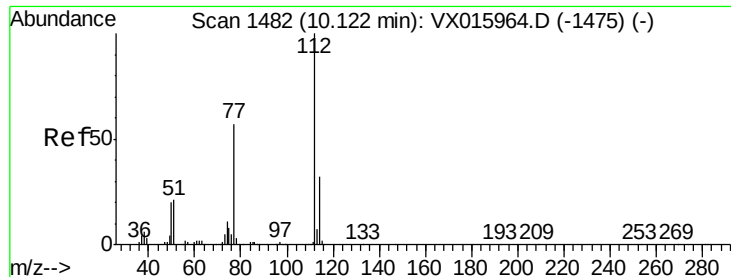
MMDadoda
5/4/2020 2:19:51 PM



#64
Tetrachloroethene
Concen: 18.712 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	93982		
166	123.3		101.0	151.4
129	96.0		77.4	116.0
131	91.7		72.2	108.2





#65

Chlorobenzene

Concen: 18.347 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS01

Tot Ion:112 Resp: 158206

Ion Ratio Lower Upper

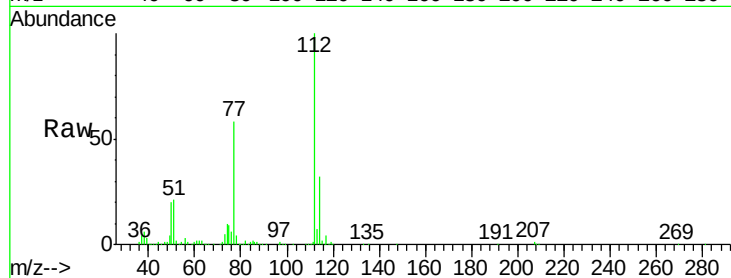
112 100

114 31.8 25.4 38.0

Manual Integrations
APPROVED

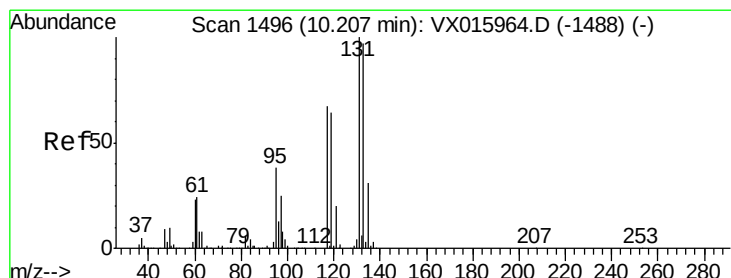
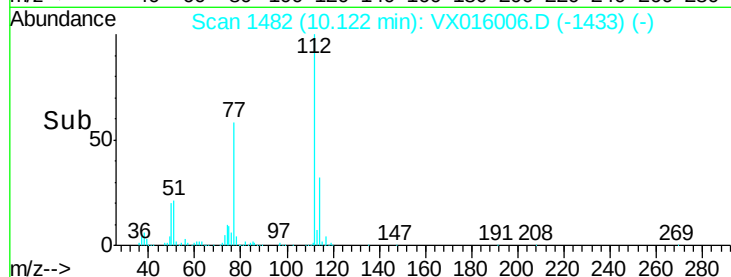
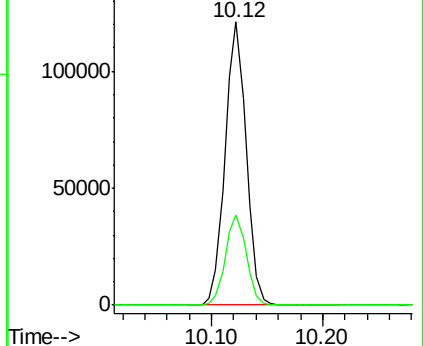
MMDadoda

5/4/2020 2:19:51 PM



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: 18.196 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

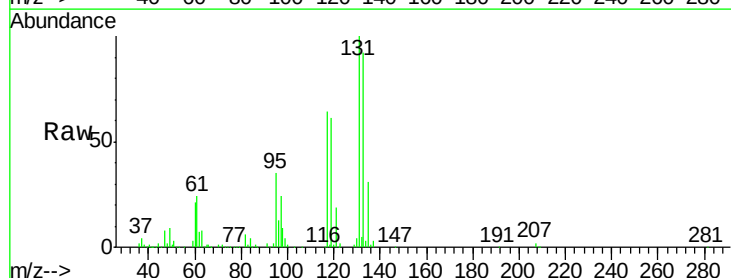
Tgt Ion:131 Resp: 59304

Ion Ratio Lower Upper

131 100

133 94.9 48.3 144.8

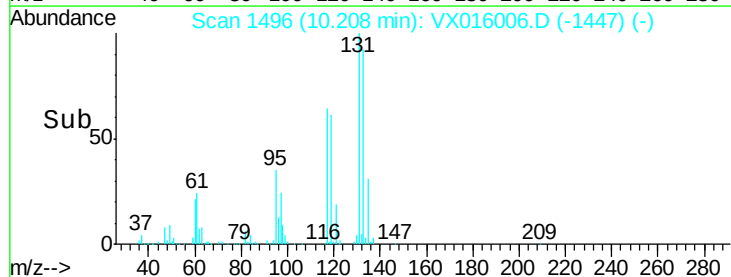
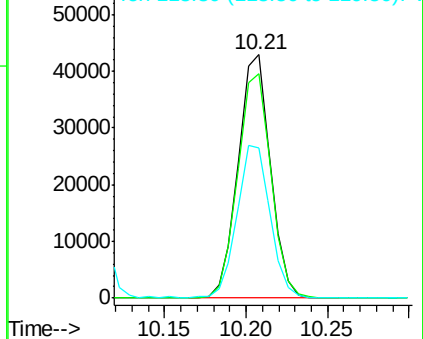
119 64.0 31.6 94.8

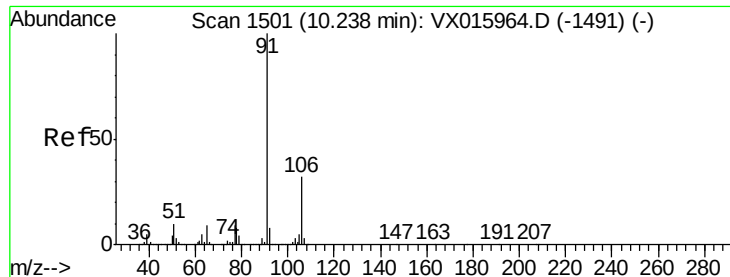


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





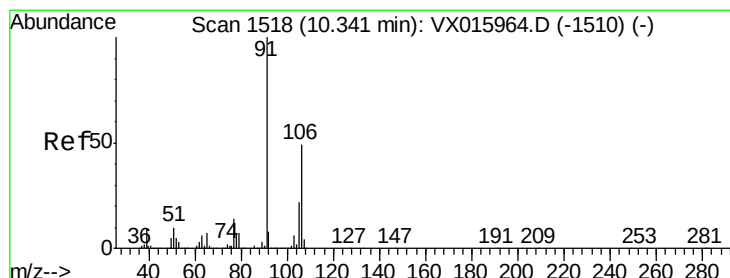
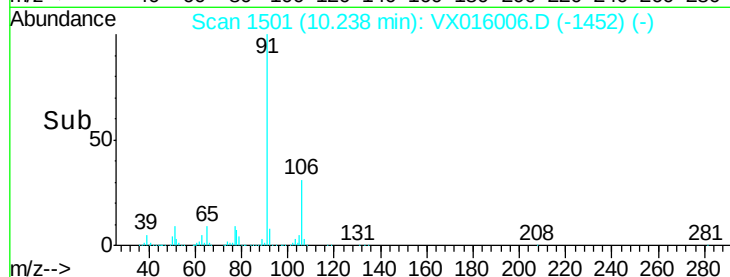
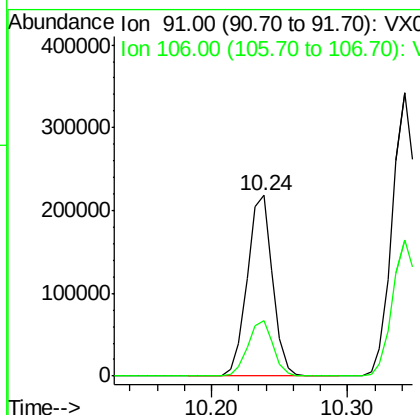
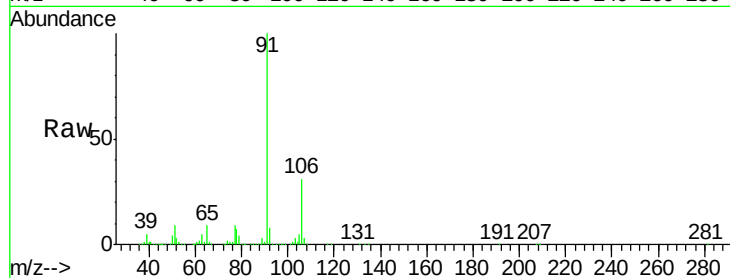
#67
Ethyl Benzene
Concen: 18.447 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
106	31.1	25.3	37.9

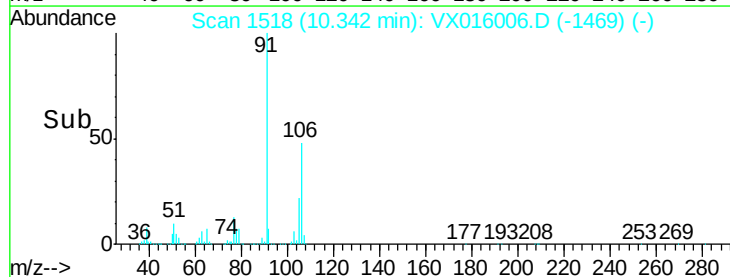
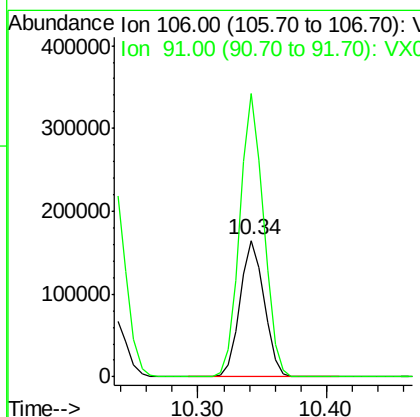
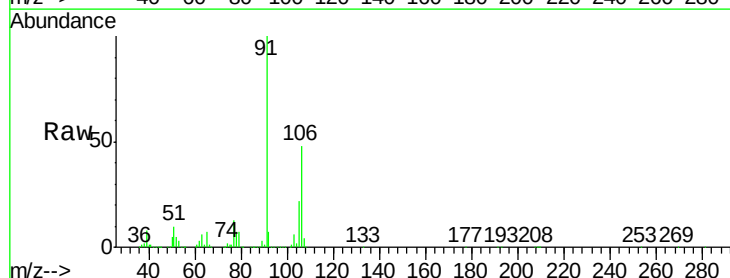
Manual Integrations
APPROVED

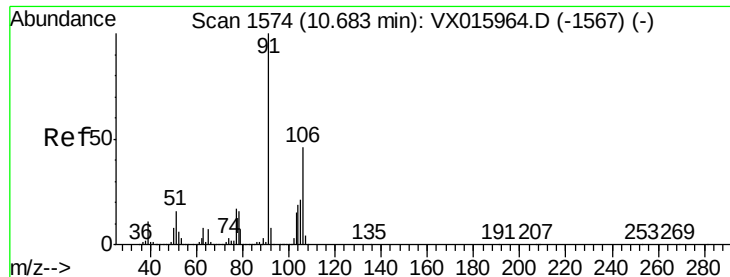
MMDadoda
5/4/2020 2:19:51 PM



#68
m/p-Xylenes
Concen: 36.634 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Tgt Ion	Ratio	Lower	Upper
106	100		
91	205.4	161.6	242.4





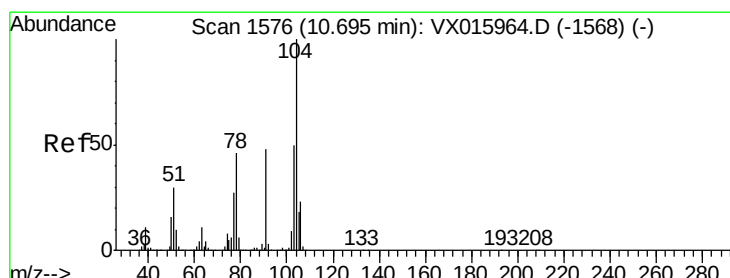
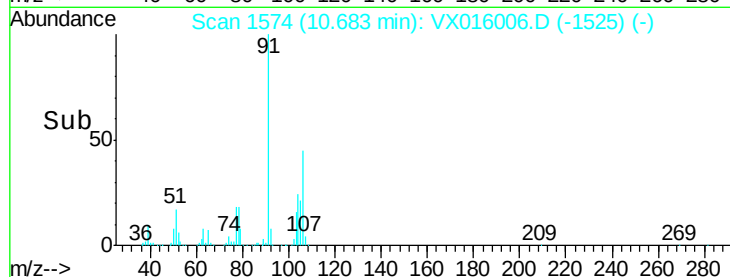
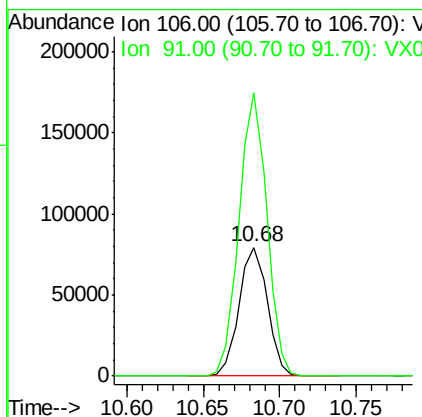
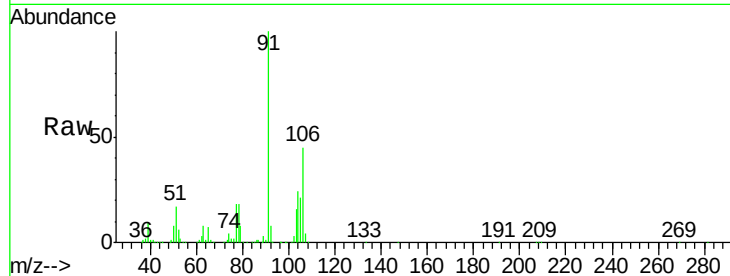
#69
o-Xylene
Concen: 18.521 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.9	106.1	318.3

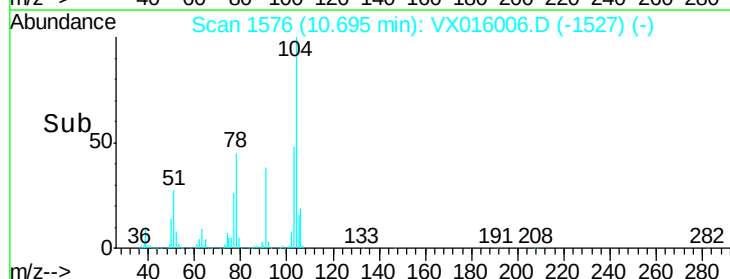
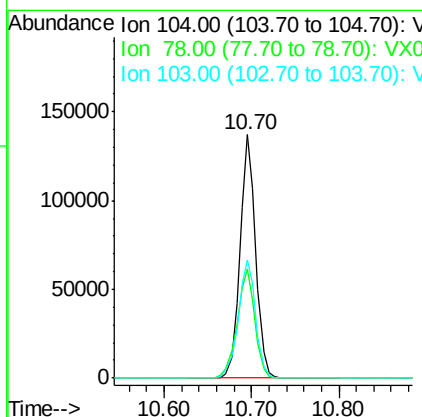
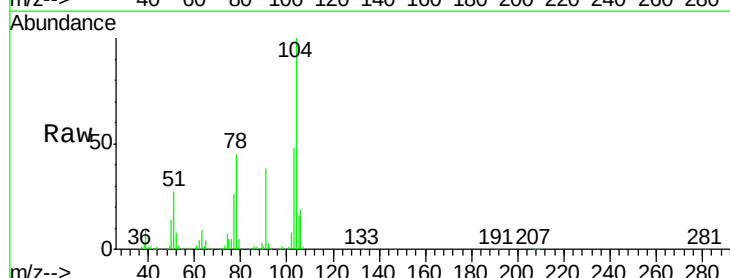
Manual Integrations
APPROVED

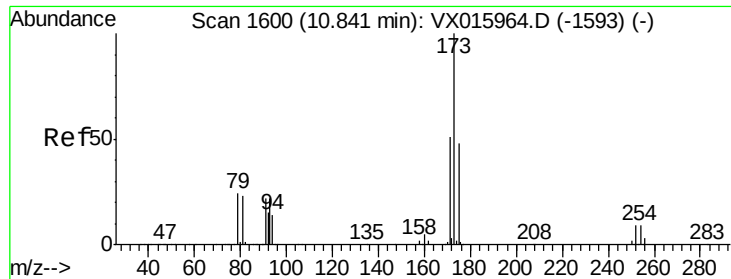
MMDadoda
5/4/2020 2:19:51 PM



#70
Styrene
Concen: 18.020 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.5	41.0	61.4
103	53.7	43.4	65.2





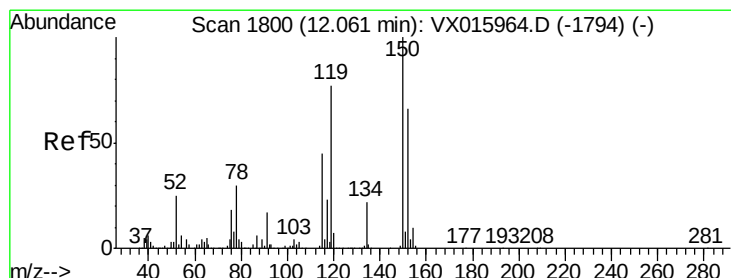
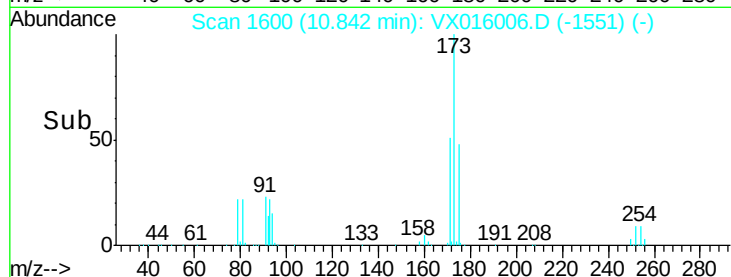
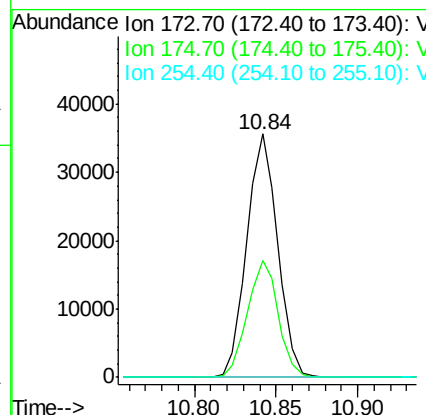
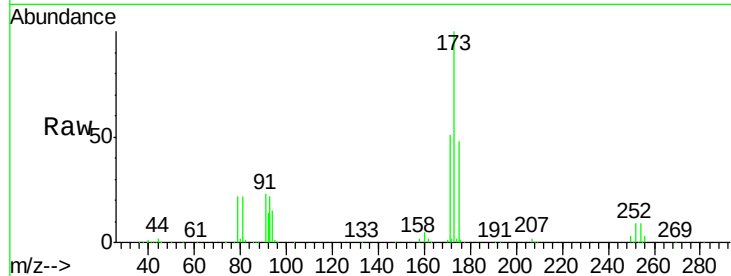
#71
Bromoform
Concen: 17.652 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.7	24.1	72.4
254	0.1	0.1	0.1#

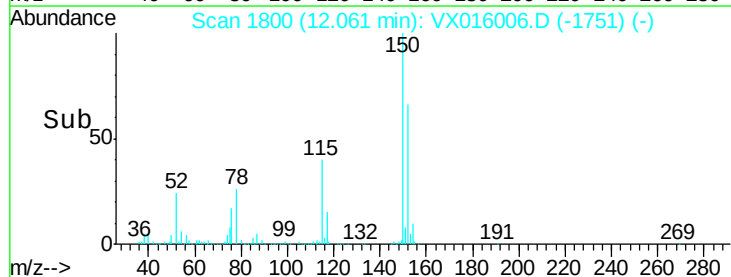
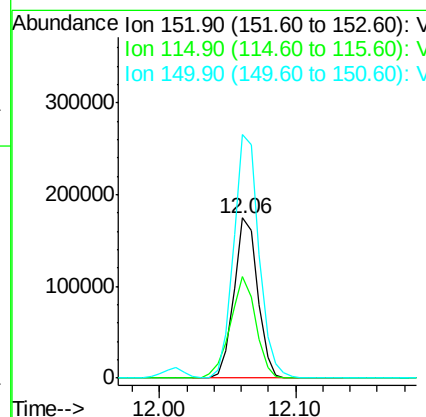
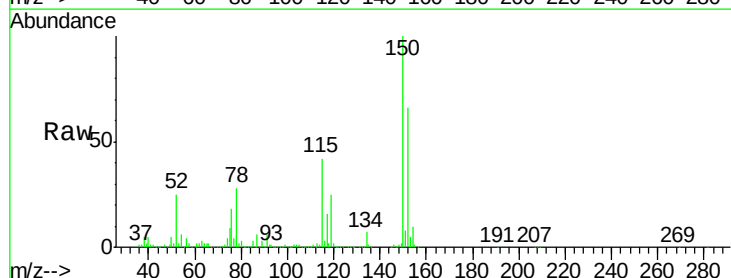
Manual Integrations
APPROVED

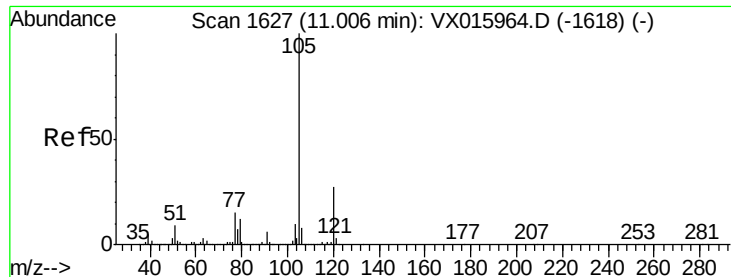
MMDadoda
5/4/2020 2:19:51 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	68.0	40.9	122.7
150	162.5	0.0	342.4





#73

Isopropylbenzene

Concen: 19.234 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS01

Tot Ion:105 Resp: 276106

Ion Ratio Lower Upper

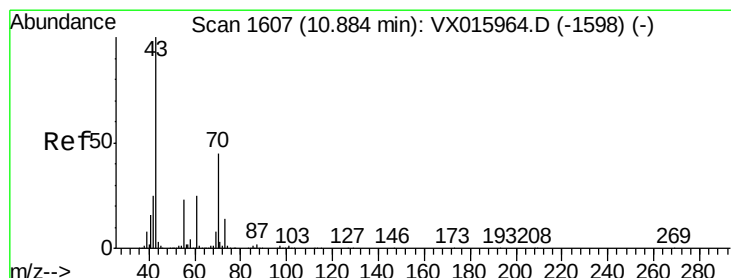
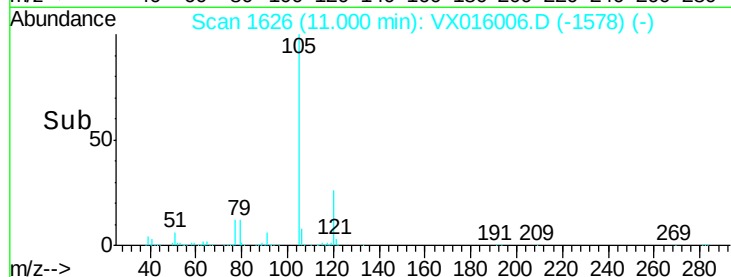
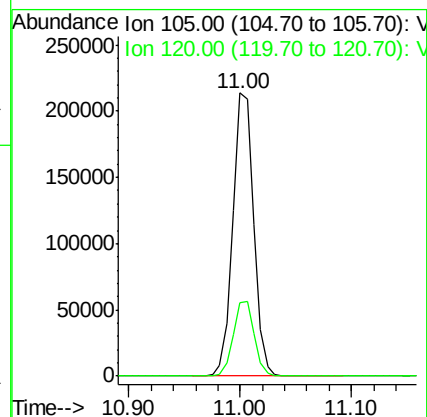
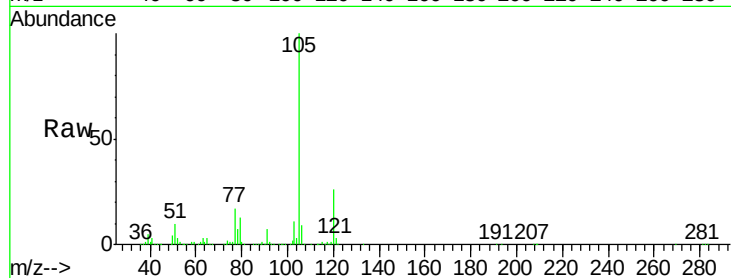
105 100

120 26.5 13.3 39.8

Manual Integrations
APPROVED

MMDadoda

5/4/2020 2:19:51 PM



#74

N-ethyl acetate

Concen: 18.512 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Tgt Ion: 43 Resp: 128165

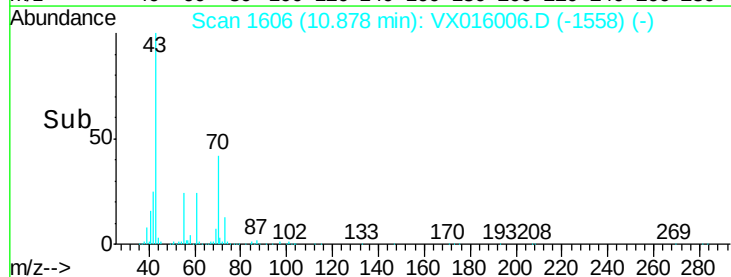
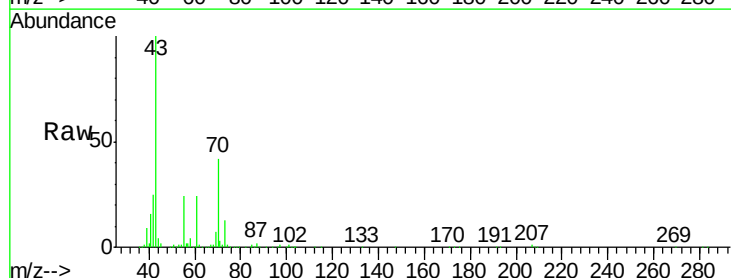
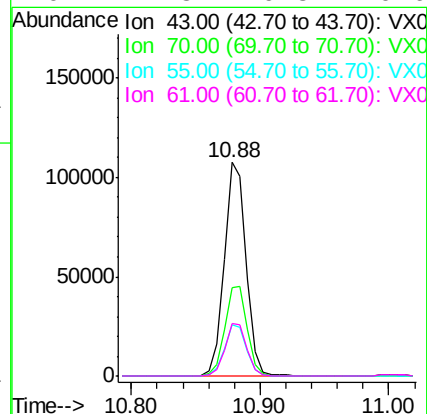
Ion Ratio Lower Upper

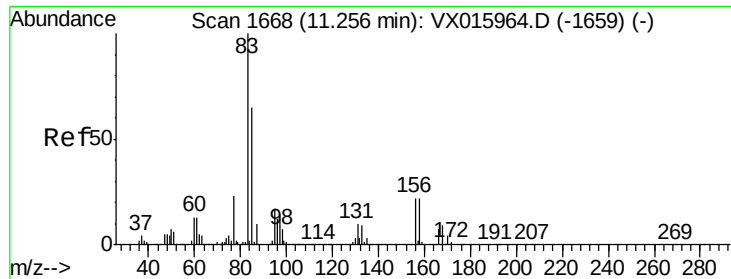
43 100

70 43.4 34.5 51.7

55 24.7 18.6 28.0

61 24.8 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 15.452 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

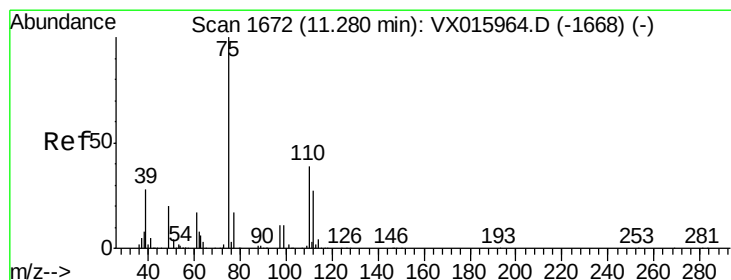
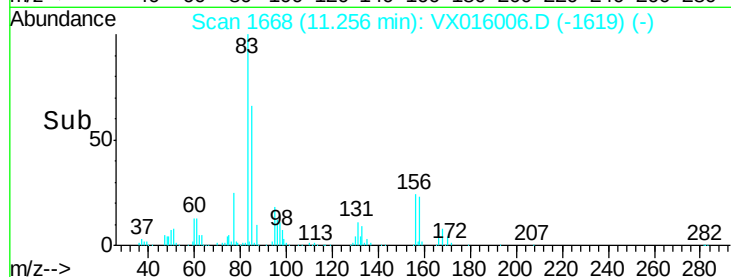
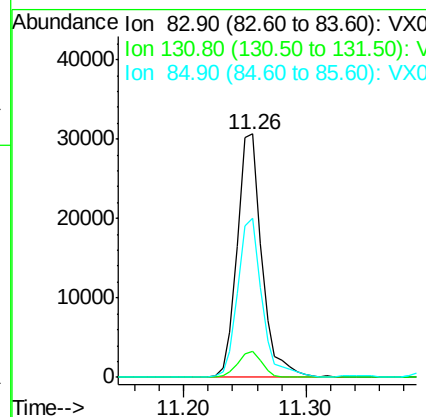
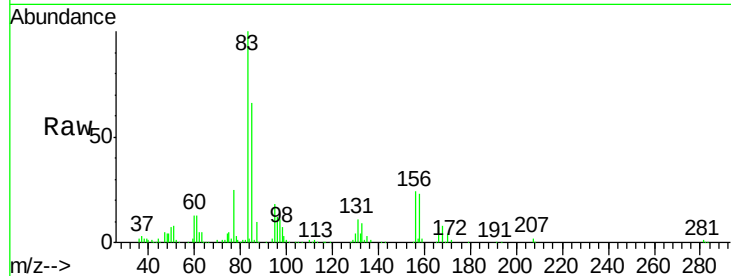
ClientSampleId :

VX0501WBS01

Tot Ion:	83	Resp:	42289
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.4
85	64.9	32.2	96.6

Manual Integrations
APPROVED

MMDadoda
5/4/2020 2:19:51 PM



#76

1,2,3-Trichloropropane

Concen: 19.489 ug/l m

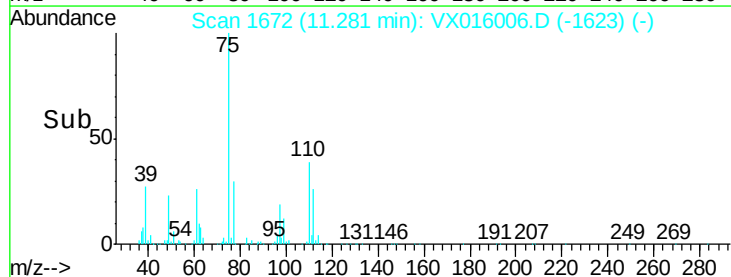
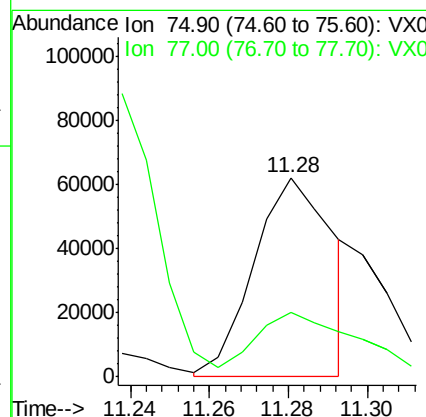
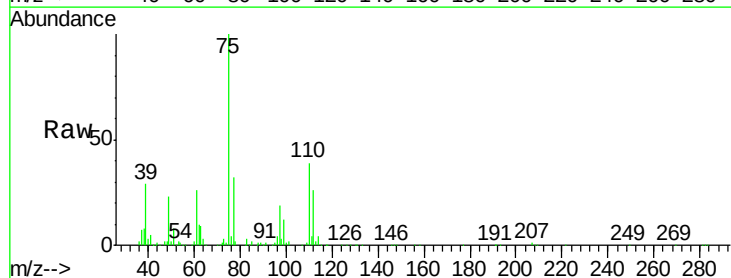
RT: 11.28 min Scan# 1672

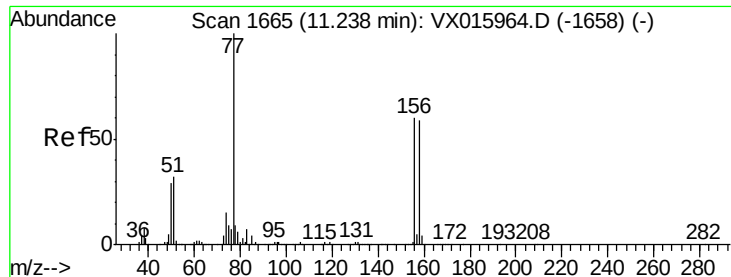
Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Tgt Ion:	75	Resp:	86299
Ion Ratio	Lower	Upper	
75	100		
77	42.0	21.6	65.0





#77

Bromobenzene

Concen: 18.880 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016006.D

Acq: 01 May 2020 12:55

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBS01

Tot Ion:156 Resp: 69764

Ion Ratio Lower Upper

156 100

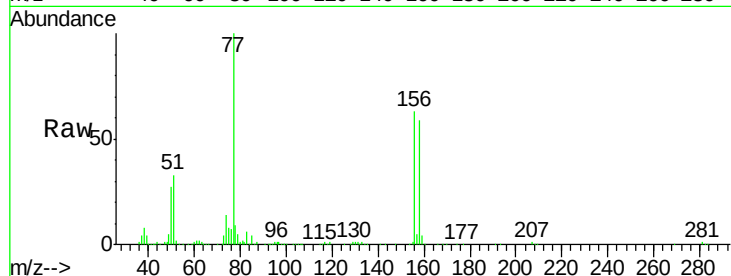
77 157.3 78.3 234.8

158 95.4 48.5 145.5

Manual Integrations
APPROVED

MMDadoda

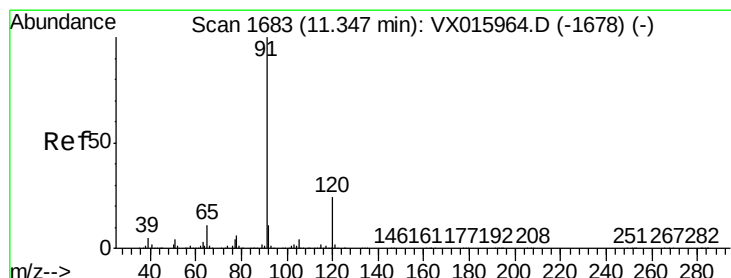
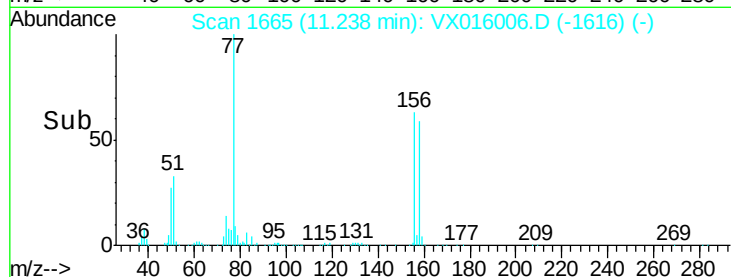
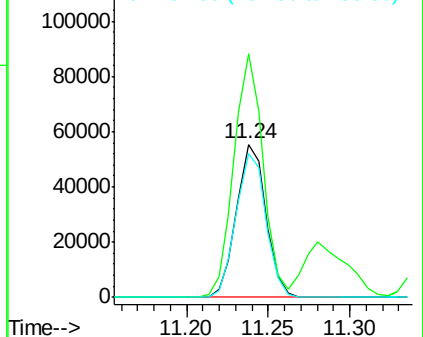
5/4/2020 2:19:51 PM



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: 19.320 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016006.D

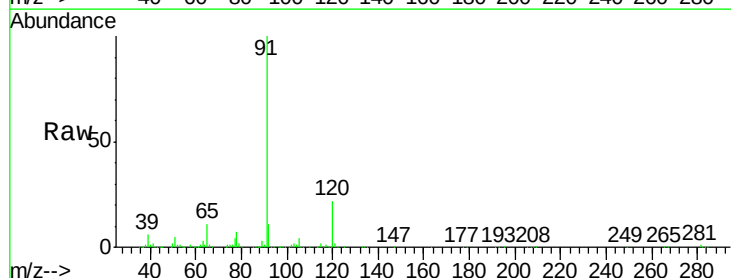
Acq: 01 May 2020 12:55

Tgt Ion: 91 Resp: 319046

Ion Ratio Lower Upper

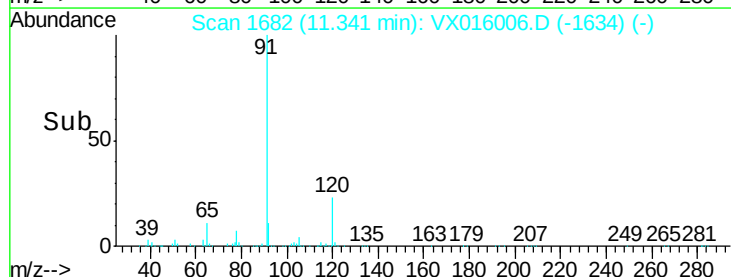
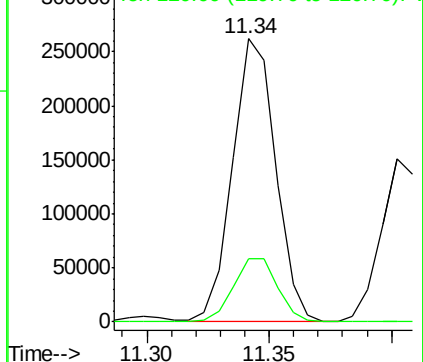
91 100

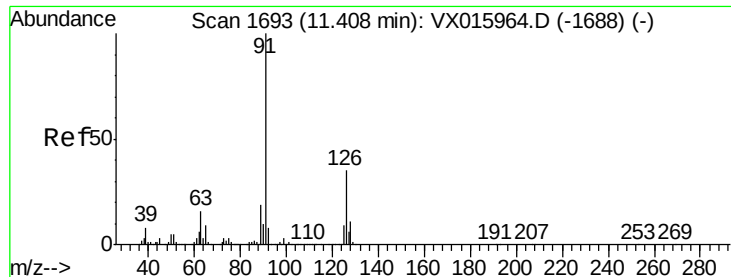
120 23.3 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





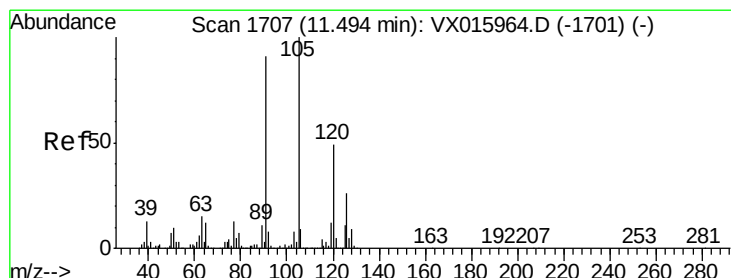
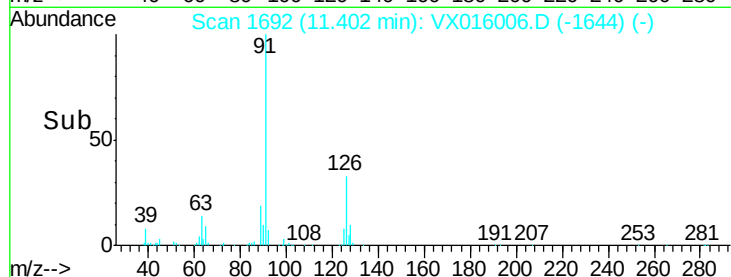
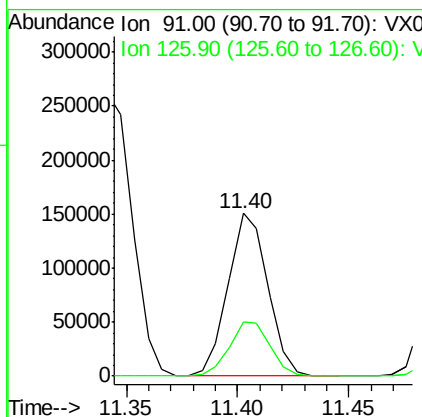
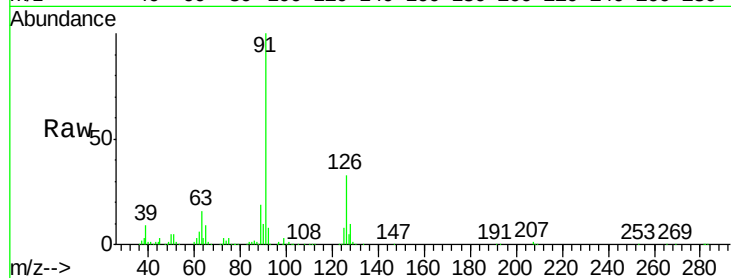
#79
2-Chlorotoluene
Concen: 18.979 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.01 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		186741		
126	34.4		17.0	51.0	

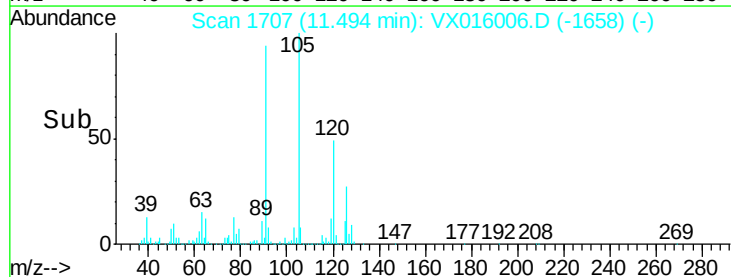
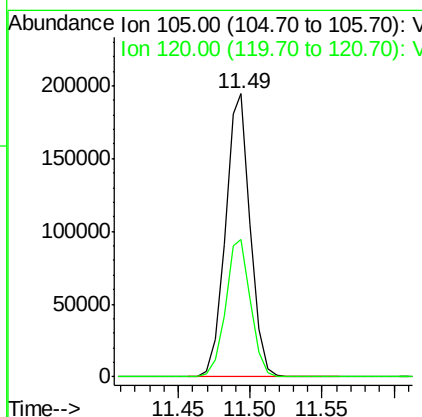
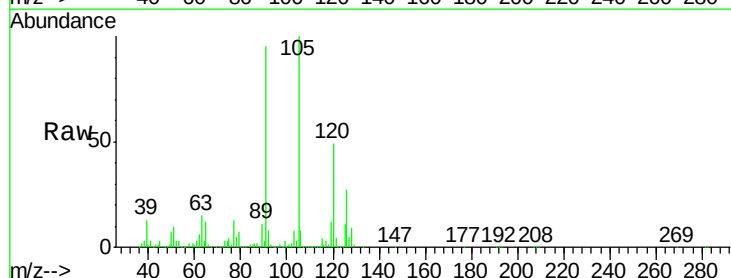
Manual Integrations
APPROVED

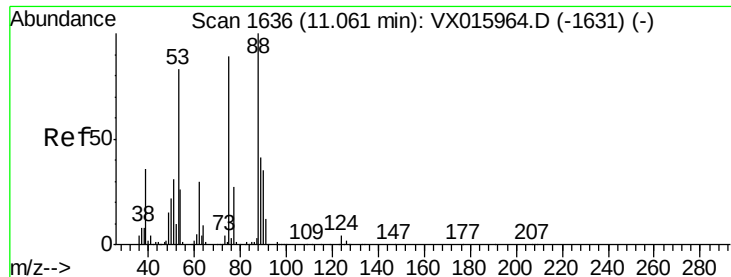
MMDadoda
5/4/2020 2:19:51 PM



#80
1,3,5-Trimethylbenzene
Concen: 19.409 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		234712		
120	49.1		24.6	73.6	





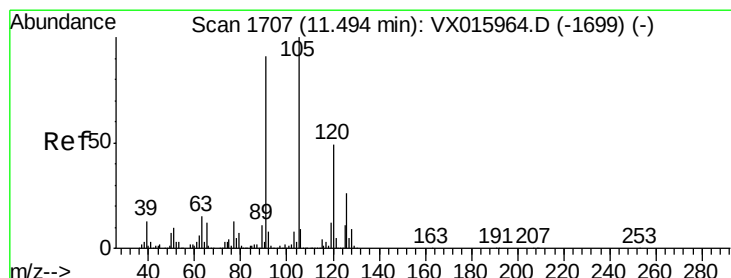
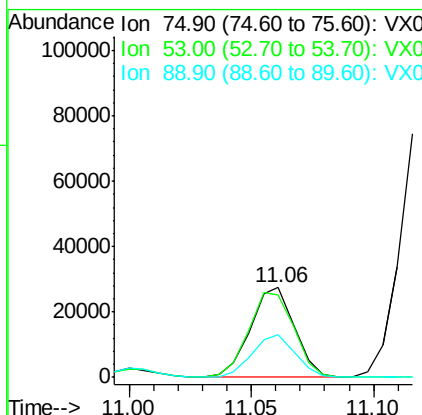
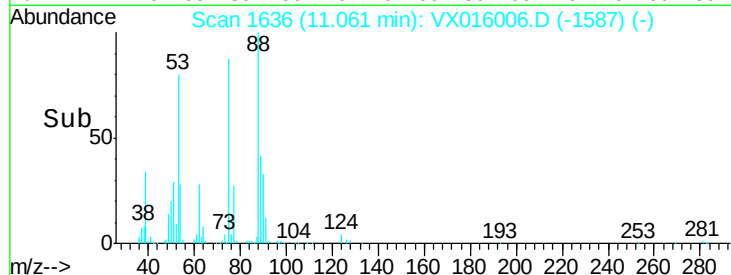
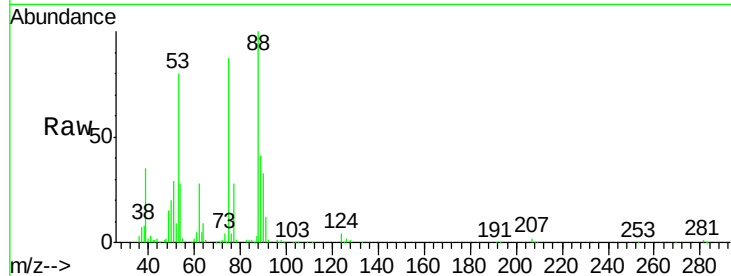
#81
trans-1,4-Dichloro-2-butene
Concen: 18.365 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.6	78.3	117.5
89	47.3	37.2	55.8

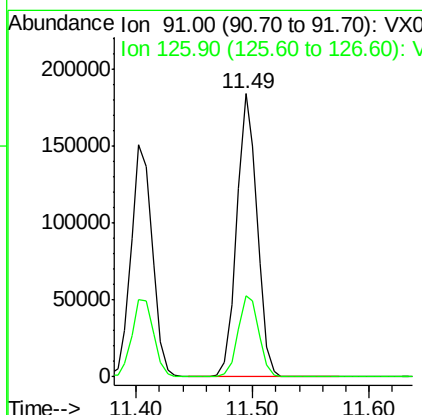
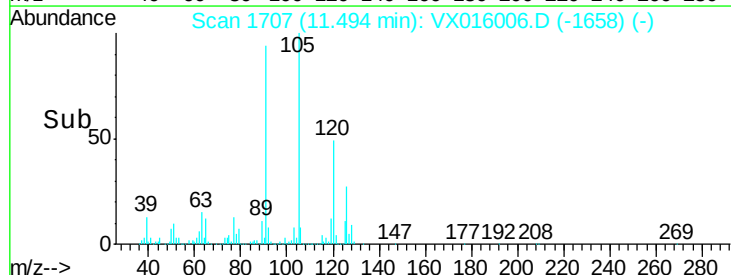
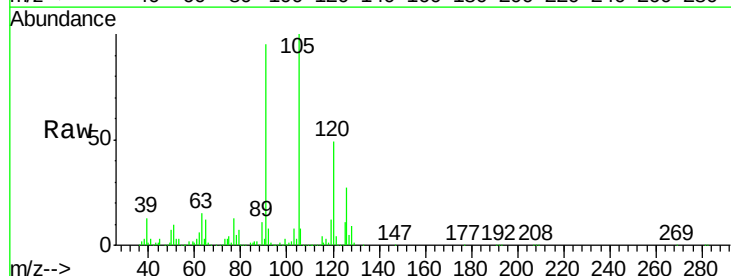
Manual Integrations
APPROVED

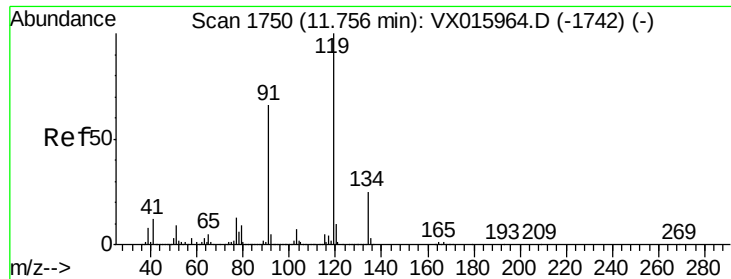
MMDadoda
5/4/2020 2:19:51 PM



#82
4-Chlorotoluene
Concen: 19.017 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.3	14.8	44.3





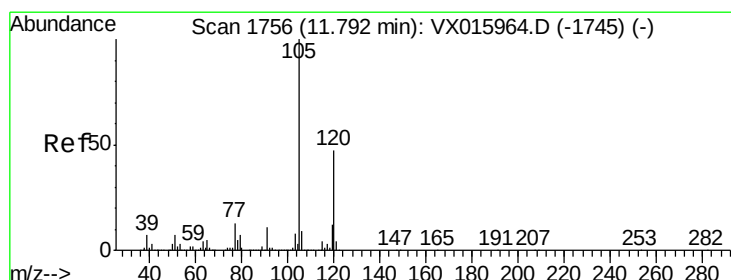
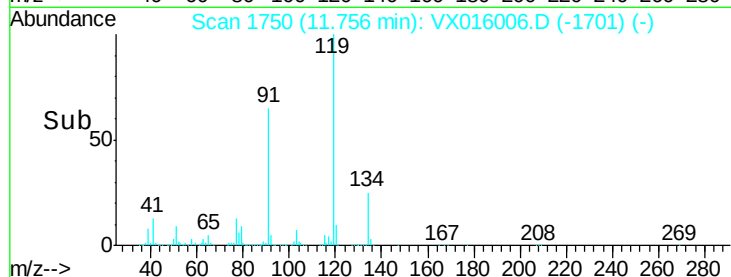
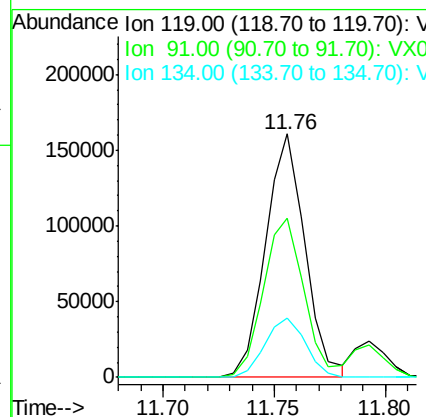
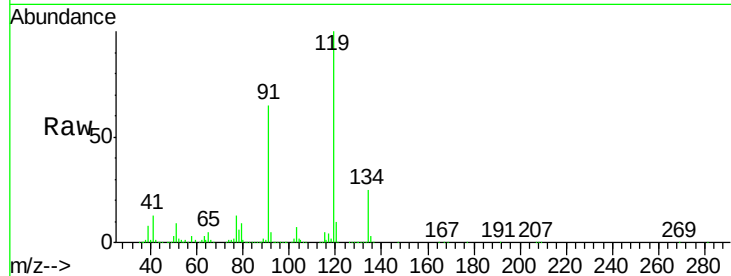
#83
 tert-Butylbenzene
 Concen: 18.966 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	197757		
91	66.7	33.5	100.4	
134	24.9	12.4	37.2	

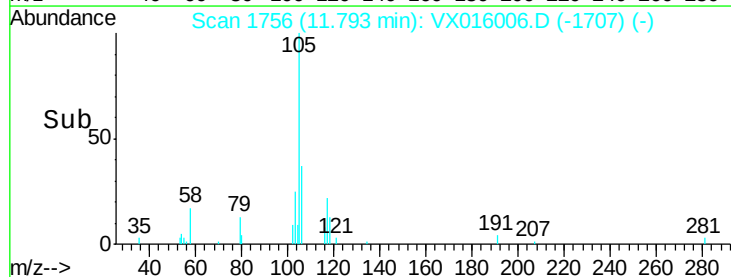
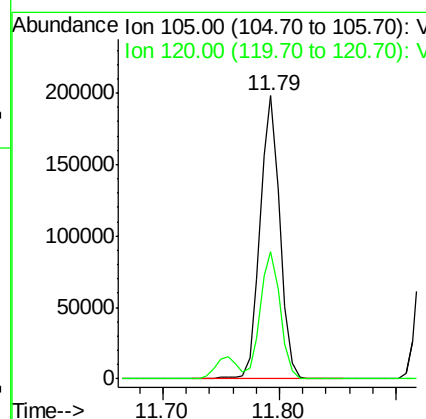
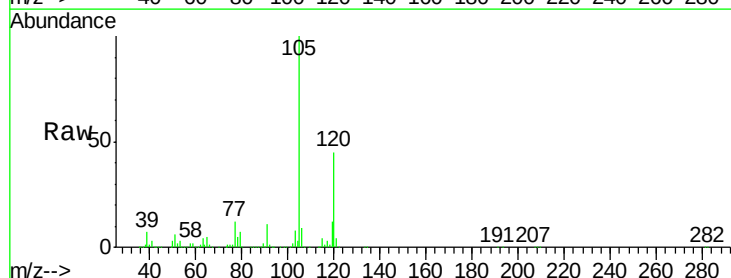
Manual Integrations
 APPROVED

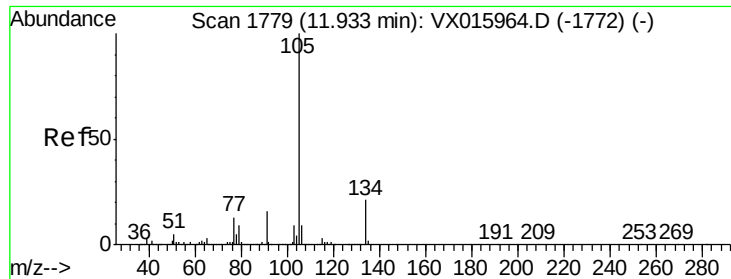
MMDadoda
 5/4/2020 2:19:51 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.306 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	234958		
120	45.4	22.9	68.8	





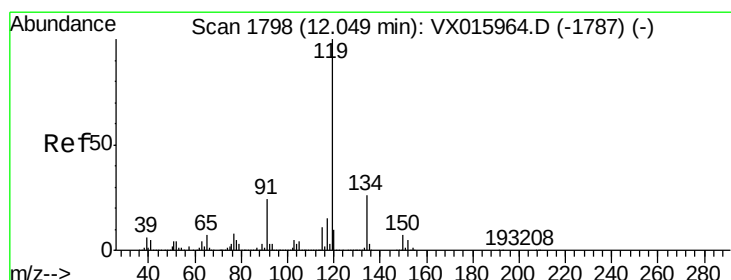
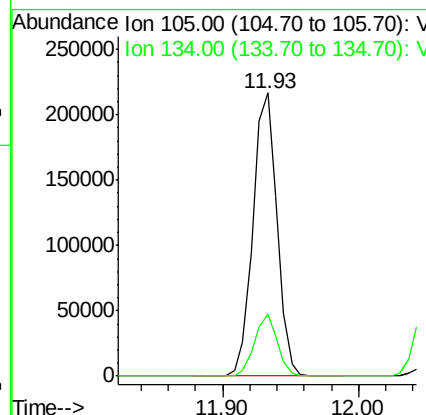
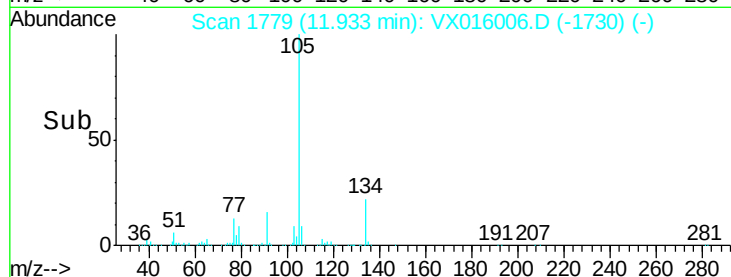
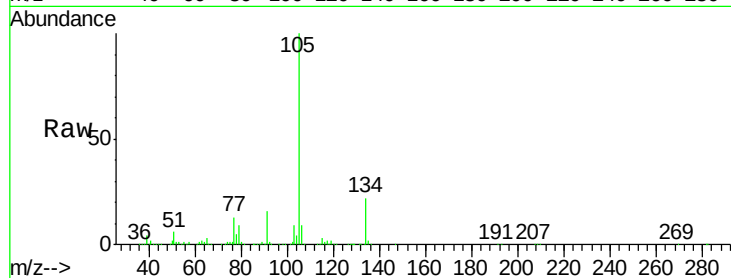
#85
 sec-Butylbenzene
 Concen: 19.136 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

Instrument :
 MSVOA_X
 ClientSampled :
 VX0501WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	268827		
134	20.7	10.4	31.1	

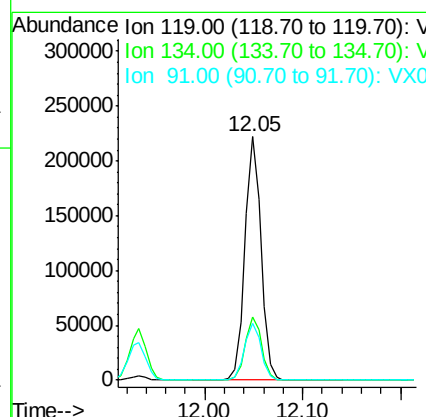
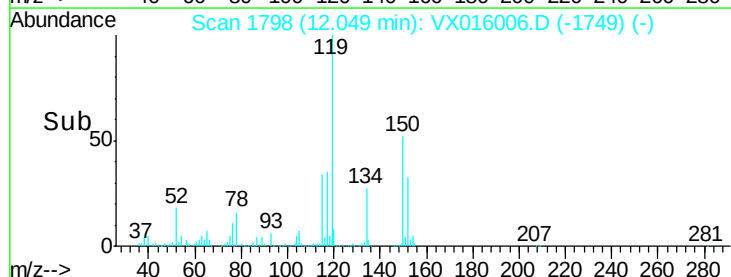
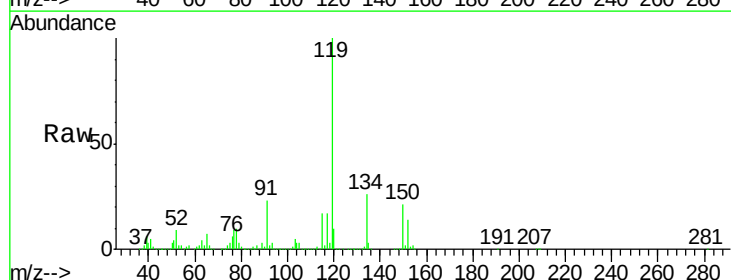
Manual Integrations
 APPROVED

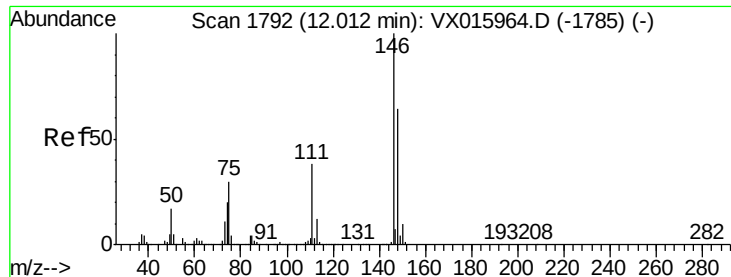
MMDadoda
 5/4/2020 2:19:51 PM



#86
 p-Isopropyltoluene
 Concen: 19.218 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	252870		
134	26.3	13.0	39.0	
91	24.0	11.9	35.9	





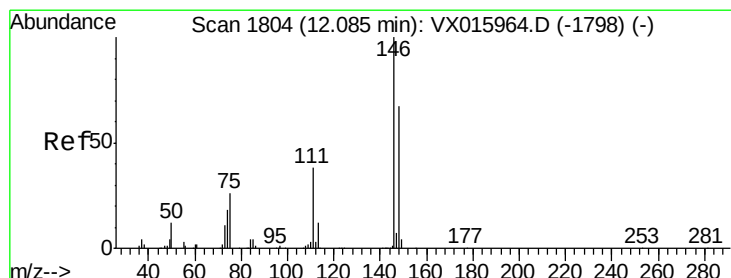
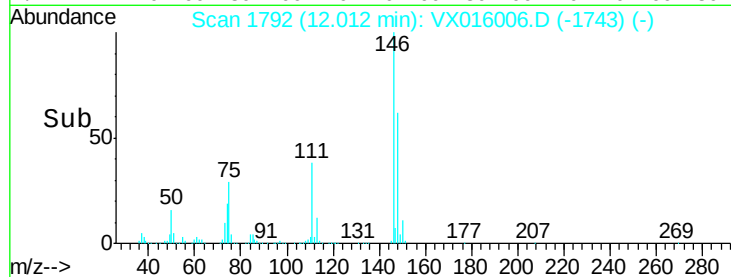
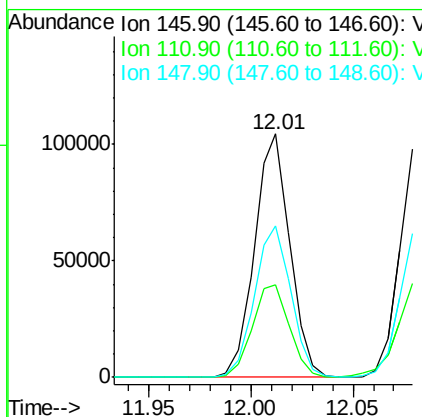
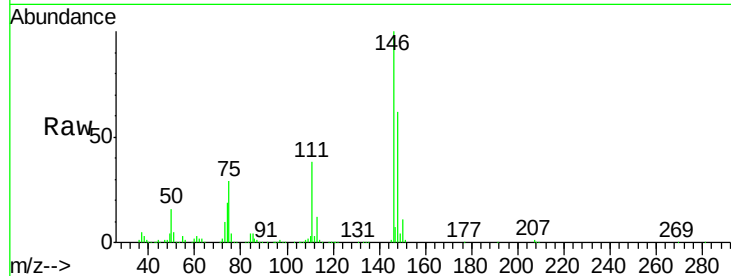
#87
 1,3-Dichlorobenzene
 Concen: 18.666 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

Instrument :
 MSVOA_X
 ClientSampled :
 VX0501WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.6	58.8
148	64.0	32.0	96.0

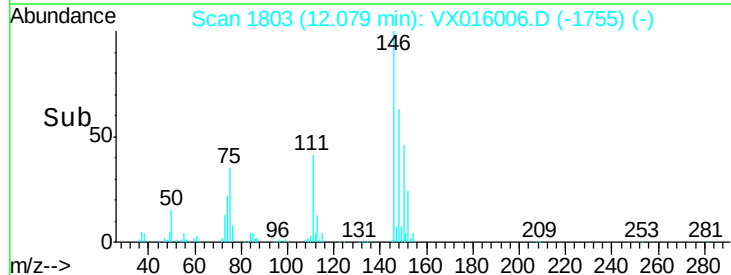
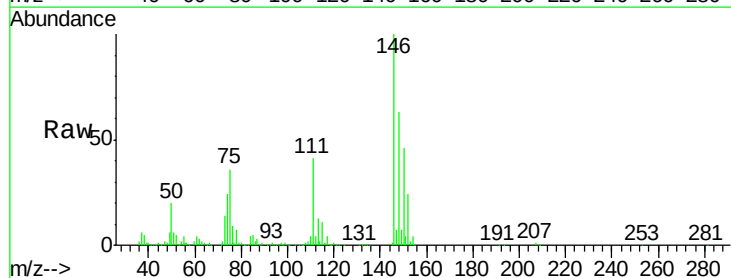
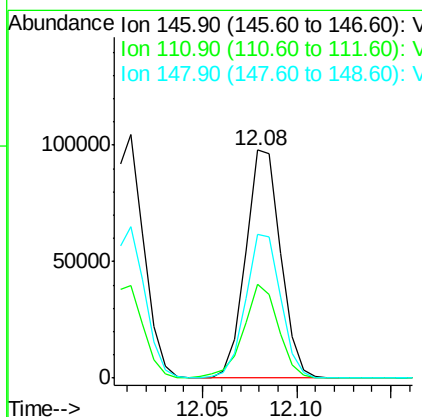
Manual Integrations
 APPROVED

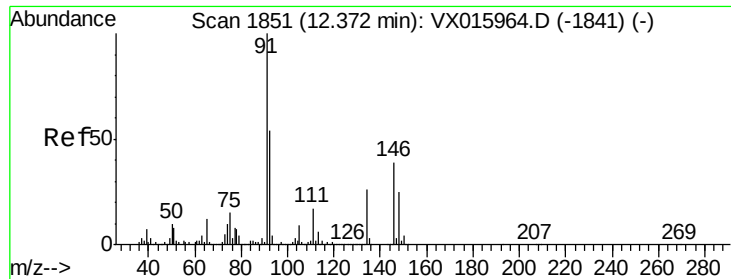
MMDadoda
 5/4/2020 2:19:51 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.518 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	19.7	59.0
148	63.3	32.8	98.4





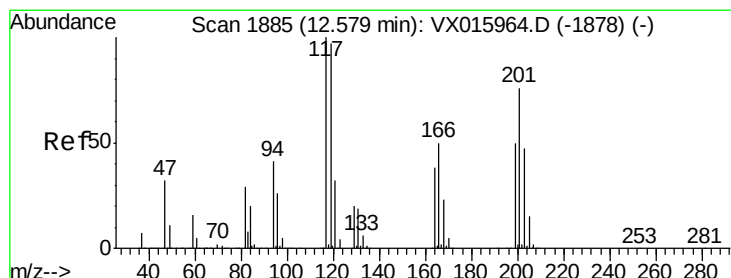
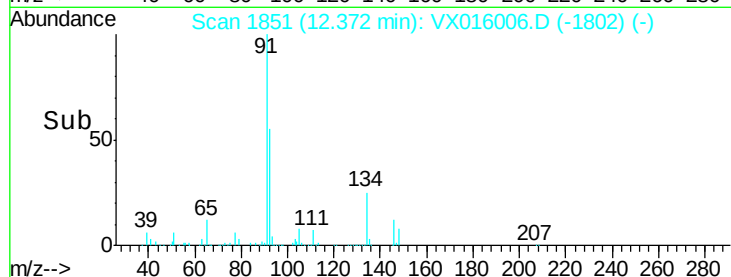
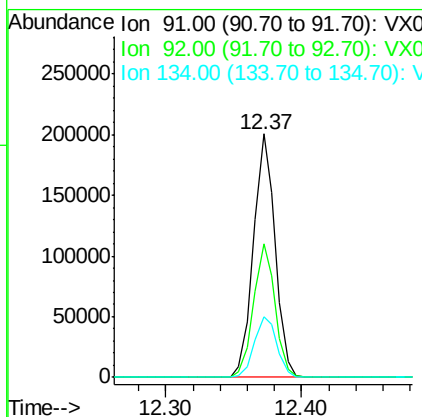
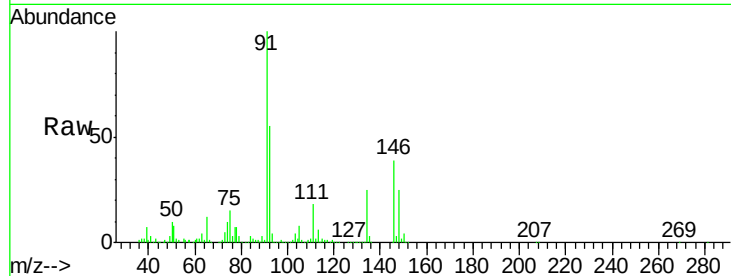
#89
n-Butylbenzene
Concen: 18.983 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Instrument :
MSVOA_X
ClientSampled :
VX0501WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.1	81.3
134	26.0	13.3	39.8

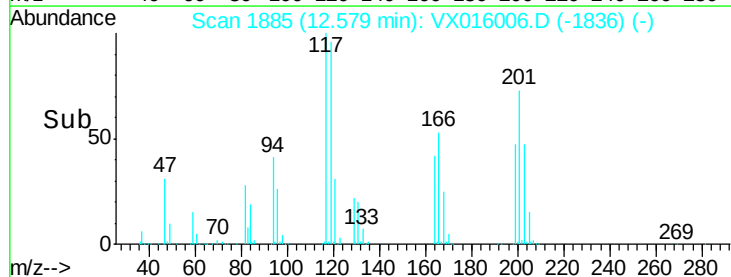
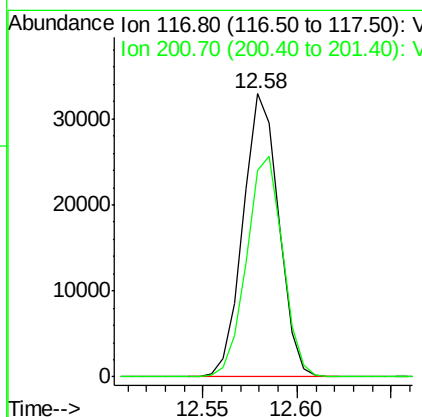
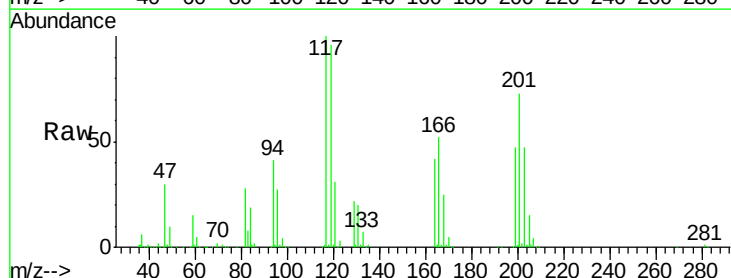
Manual Integrations
APPROVED

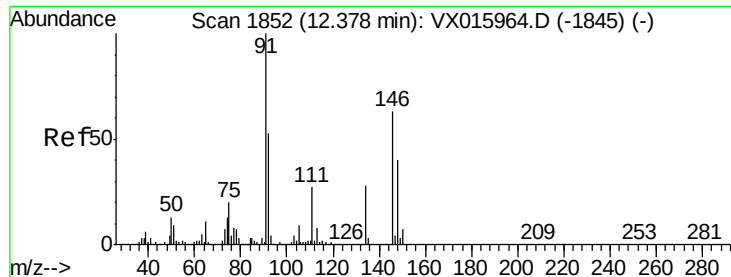
MMDadoda
5/4/2020 2:19:51 PM



#90
Hexachloroethane
Concen: 18.582 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Tgt Ion	Ratio	Lower	Upper
117	100		
201	78.6	40.3	120.8





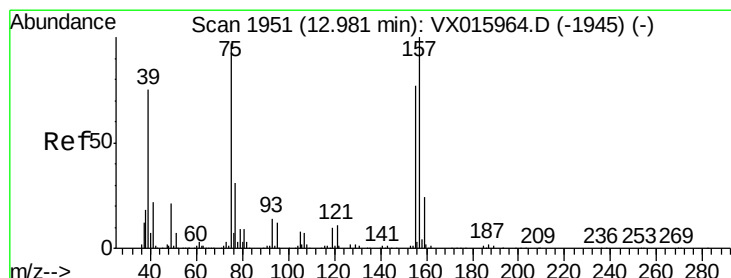
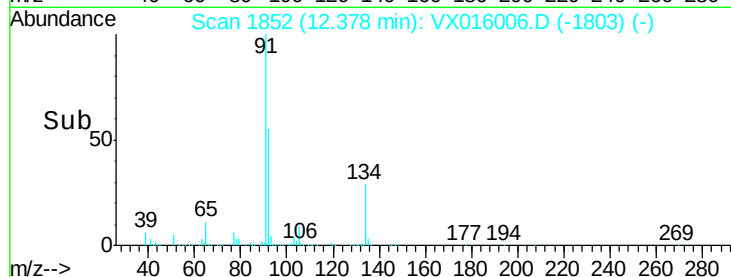
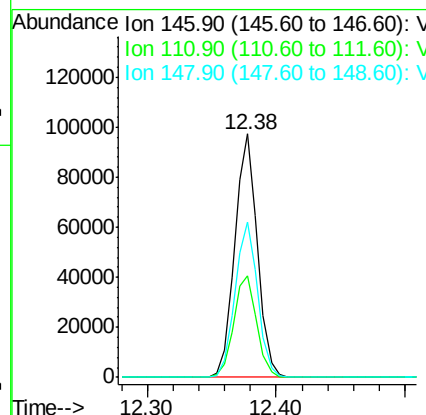
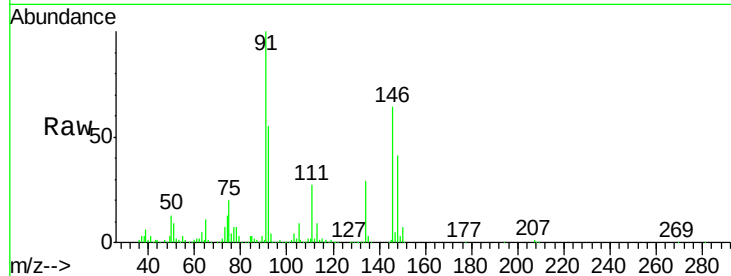
#91
 1,2-Dichlorobenzene
 Concen: 18.568 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	42.3	21.1	63.3	
148	63.7	32.3	96.9	

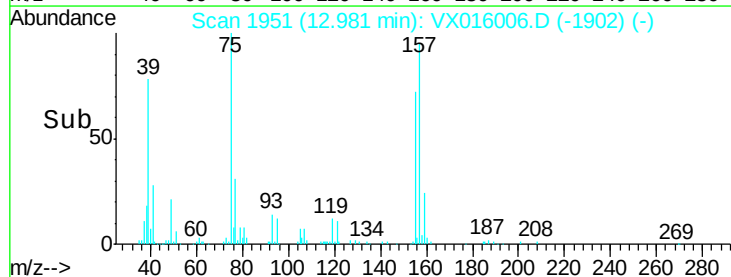
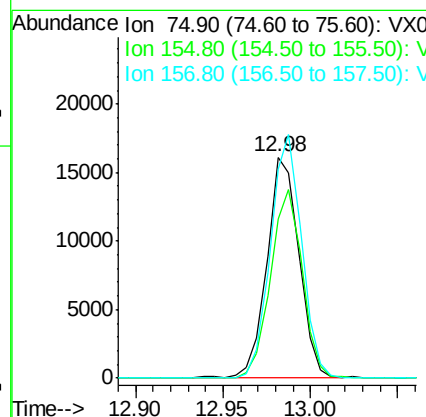
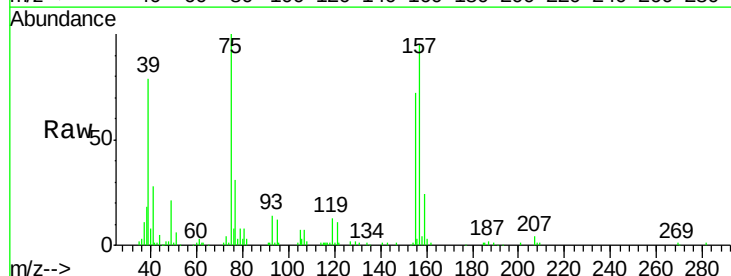
Manual Integrations
 APPROVED

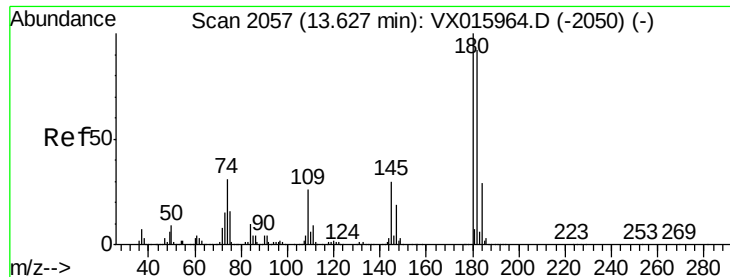
MMDadoda
 5/4/2020 2:19:51 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.385 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	84.0	42.5	127.6	
157	106.5	56.0	168.2	





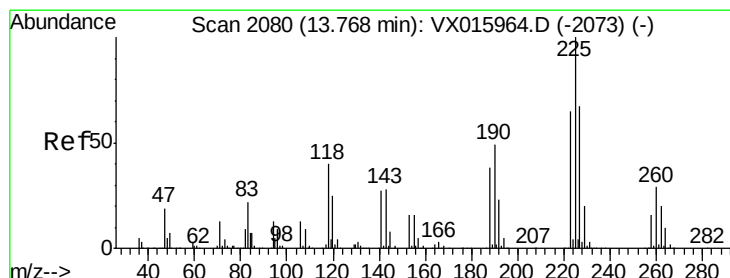
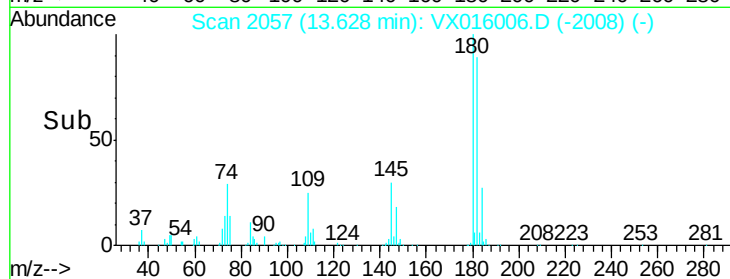
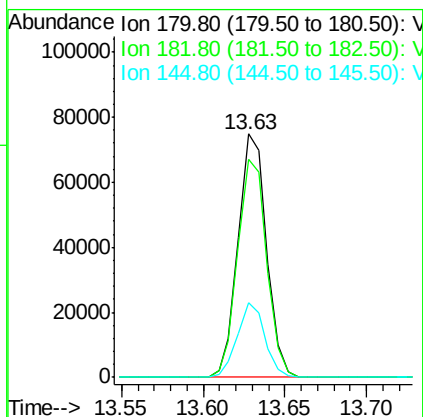
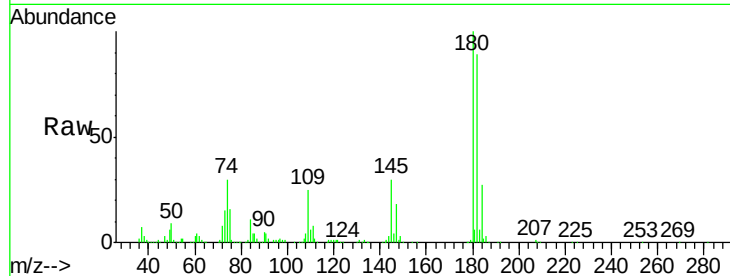
#93
 1,2,4-Trichlorobenzene
 Concen: 18.852 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	91175		
182	91.5	46.9	140.6	
145	29.4	14.7	44.1	

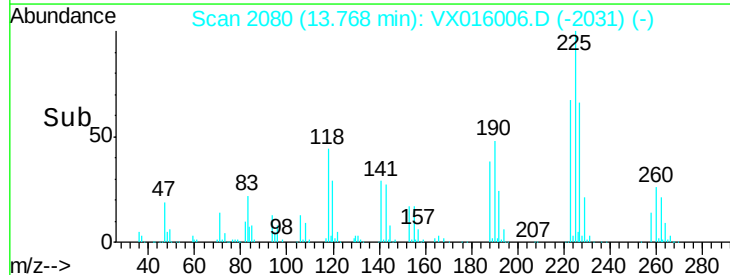
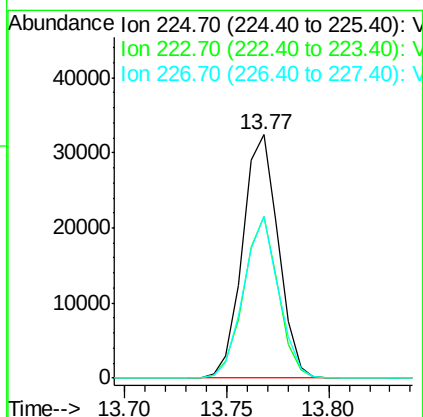
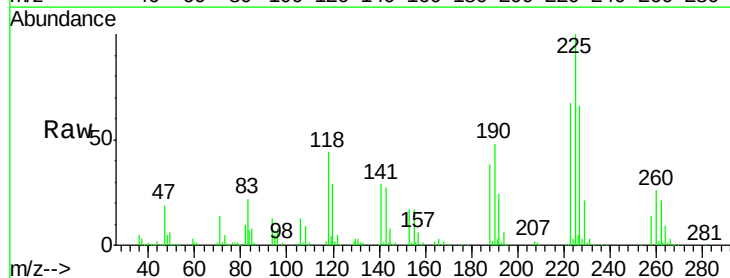
Manual Integrations
 APPROVED

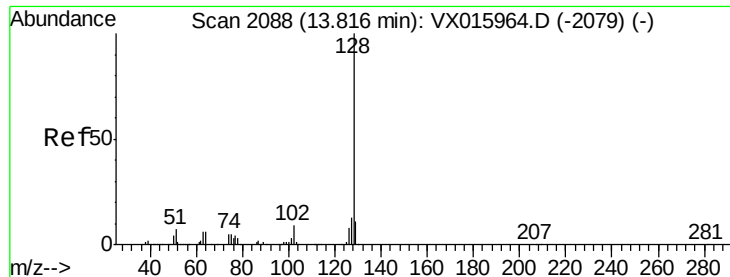
MMDadoda
 5/4/2020 2:19:51 PM



#94
 Hexachlorobutadiene
 Concen: 18.223 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016006.D
 Acq: 01 May 2020 12:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	39377		
223	64.4	32.0	96.0	
227	65.1	33.0	99.0	





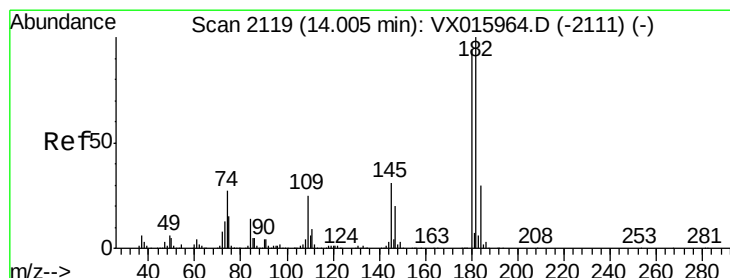
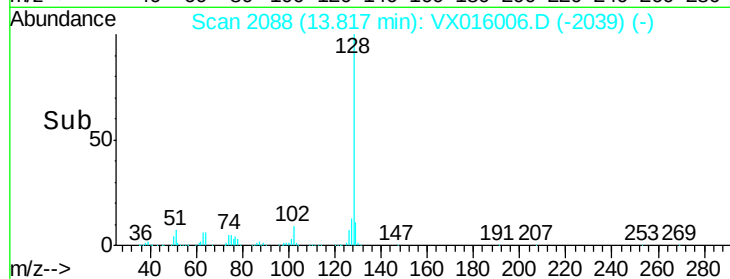
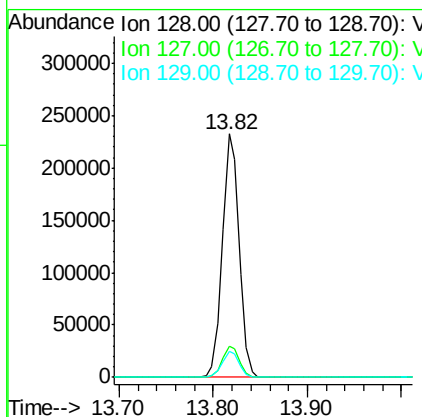
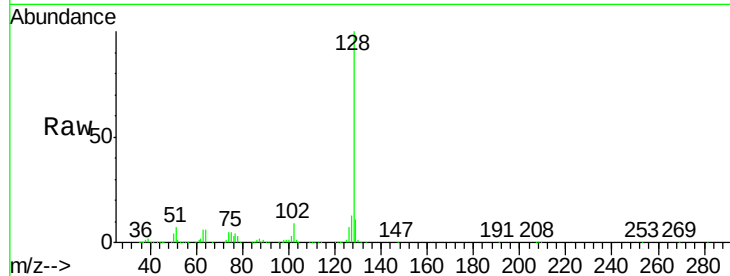
#95
Naphthalene
Concen: 18.711 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/4/2020 2:19:51 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.844 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VX016006.D
Acq: 01 May 2020 12:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	48.7	146.1
145	31.4	16.1	48.3

