

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050420\
 Data File : VX016037.D
 Acq On : 04 May 2020 15:48
 Operator : JC/SP
 Sample : VX0504WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/5/2020 11:35:30 AM

Quant Time: May 05 07:50:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:11:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	322399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	513704	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	466812	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	232794	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	193172	45.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.06%	
35) Dibromofluoromethane	5.46	113	144476	44.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.78%	
50) Toluene-d8	8.70	98	578277	46.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.22%	
62) 4-Bromofluorobenzene	11.12	95	218314	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	62906	18.434	ug/l	99
3) Chloromethane	1.31	50	70133	17.697	ug/l	100
4) Vinyl Chloride	1.39	62	75973	17.968	ug/l	98
5) Bromomethane	1.63	94	53570	25.131	ug/l	97
6) Chloroethane	1.71	64	48892	19.005	ug/l	99
7) Trichlorofluoromethane	1.92	101	104458	18.818	ug/l	100
8) Diethyl Ether	2.17	74	42576	18.204	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	59866	18.693	ug/l	99
10) Methyl Iodide	2.49	142	72478	16.848	ug/l	98
11) Tert butyl alcohol	3.01	59	94623	88.202	ug/l	100
12) 1,1-Dichloroethene	2.36	96	59553	17.770	ug/l	93
13) Acrolein	2.27	56	56711	84.476	ug/l	98
14) Allyl chloride	2.70	41	111016	18.066	ug/l	99
15) Acrylonitrile	3.12	53	193674	87.023	ug/l	100
16) Acetone	2.42	43	169372	89.476	ug/l	97
17) Carbon Disulfide	2.55	76	187583	18.508	ug/l	99
18) Methyl Acetate	2.75	43	81921	17.601	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	212851	18.424	ug/l	99
20) Methylene Chloride	2.83	84	67380	17.267	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	65496	17.537	ug/l	98
22) Diisopropyl ether	3.82	45	209852	18.102	ug/l	96
23) Vinyl Acetate	3.78	43	932659	91.445	ug/l	99
24) 1,1-Dichloroethane	3.67	63	117356	18.097	ug/l	99
25) 2-Butanone	4.64	43	273287	89.594	ug/l	98
26) 2,2-Dichloropropane	4.55	77	107154	18.093	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	72619	17.786	ug/l	100
28) Bromochloromethane	4.98	49	54468	18.420	ug/l	100
29) Tetrahydrofuran	5.09	42	179672	88.897	ug/l	99
30) Chloroform	5.18	83	117616	18.216	ug/l	98
31) Cyclohexane	5.55	56	107047	18.163	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	106874	18.209	ug/l	99
36) 1,1-Dichloropropene	5.77	75	89955	17.789	ug/l	99
37) Ethyl Acetate	4.79	43	105263	17.960	ug/l	99
38) Carbon Tetrachloride	5.76	117	93721	18.234	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050420\
 Data File : VX016037.D
 Acq On : 04 May 2020 15:48
 Operator : JC/SP
 Sample : VX0504WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0504WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/5/2020 11:35:30 AM

Quant Time: May 05 07:50:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:11:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	110206	18.097	ug/l	99
40) Benzene	6.11	78	266127	17.987	ug/l	100
41) Methacrylonitrile	5.00	41	55813	17.634	ug/l	100
42) 1,2-Dichloroethane	6.16	62	97656	18.322	ug/l	99
43) Isopropyl Acetate	6.41	43	169596	18.136	ug/l	100
44) Trichloroethene	7.19	130	95053	18.083	ug/l	99
45) 1,2-Dichloropropane	7.49	63	67835	18.119	ug/l	98
46) Dibromomethane	7.64	93	45485	17.878	ug/l	99
47) Bromodichloromethane	7.88	83	92425	17.837	ug/l	98
48) Methyl methacrylate	7.74	41	79306	17.898	ug/l	98
49) 1,4-Dioxane	7.71	88	37582	353.643	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	518286	90.572	ug/l	100
52) Toluene	8.76	92	169495	18.379	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	109360	17.701	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	115363	17.877	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	65316	18.001	ug/l	99
56) Ethyl methacrylate	9.16	69	106114	17.916	ug/l	99
57) 1,3-Dichloropropane	9.35	76	113709	17.960	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	287110	91.056	ug/l	100
59) 2-Hexanone	9.47	43	403844	89.864	ug/l	99
60) Dibromochloromethane	9.57	129	73164	18.309	ug/l	99
61) 1,2-Dibromoethane	9.65	107	71035	18.074	ug/l	98
64) Tetrachloroethene	9.32	164	106918	18.657	ug/l	97
65) Chlorobenzene	10.12	112	177538	18.163	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	65926	18.248	ug/l	100
67) Ethyl Benzene	10.24	91	320711	18.389	ug/l	98
68) m/p-Xylenes	10.34	106	244196	37.372	ug/l	100
69) o-Xylene	10.68	106	116868	18.607	ug/l	100
70) Styrene	10.70	104	194496	18.253	ug/l	99
71) Bromoform	10.84	173	51692	17.562	ug/l	98
73) Isopropylbenzene	11.00	105	312877	18.478	ug/l	100
74) N-amyl acetate	10.88	43	142998	18.106	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	54753	18.237	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	95924m	18.158	ug/l	
77) Bromobenzene	11.24	156	77954	17.837	ug/l	99
78) n-propylbenzene	11.34	91	363708	18.464	ug/l	100
79) 2-Chlorotoluene	11.40	91	210364	18.093	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	263968	18.464	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	39035	17.609	ug/l	97
82) 4-Chlorotoluene	11.49	91	250640	18.255	ug/l	99
83) tert-Butylbenzene	11.76	119	224689	18.237	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	263067	18.201	ug/l	100
85) sec-Butylbenzene	11.93	105	305180	18.346	ug/l	99
86) p-Isopropyltoluene	12.05	119	282416	18.286	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	138905	17.701	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	140221	17.605	ug/l	99
89) n-Butylbenzene	12.37	91	250723	17.770	ug/l	99
90) Hexachloroethane	12.58	117	46624	17.578	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	135665	17.954	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	23737	17.049	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050420\
Data File : VX016037.D
Acq On : 04 May 2020 15:48
Operator : JC/SP
Sample : VX0504WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

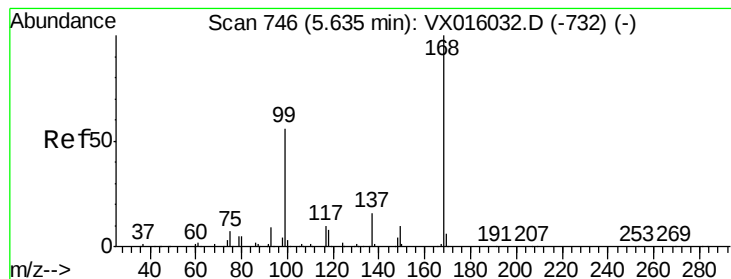
Manual Integrations
APPROVED

MMDadoda
5/5/2020 11:35:30 AM

Quant Time: May 05 07:50:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Tue May 05 07:11:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	98805	17.662	ug/l	97
94) Hexachlorobutadiene	13.77	225	44321	18.730	ug/l	97
95) Naphthalene	13.82	128	318543	17.585	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	96250	17.604	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBS01

Tot Ion:168 Resp: 322399

Ion Ratio Lower Upper

168 100

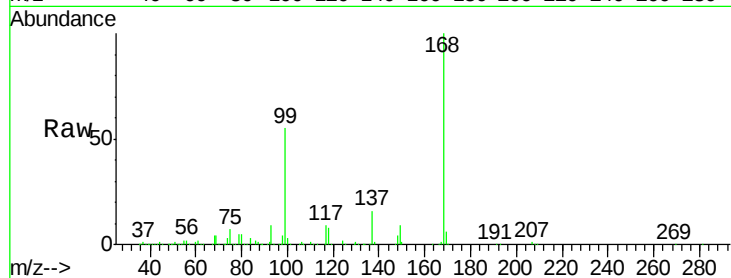
99 54.6 45.0 67.4

Manual Integrations

APPROVED

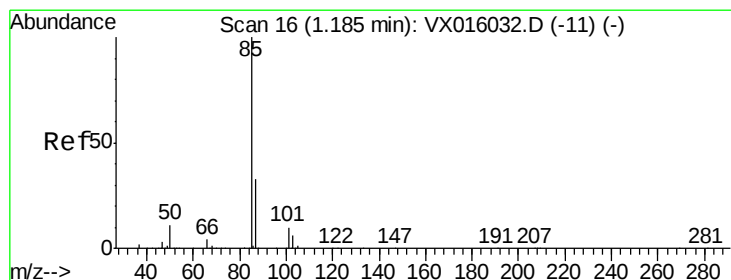
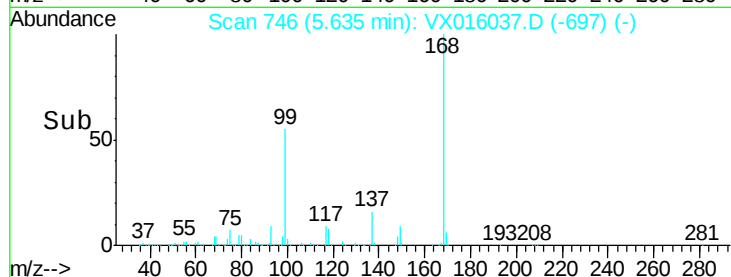
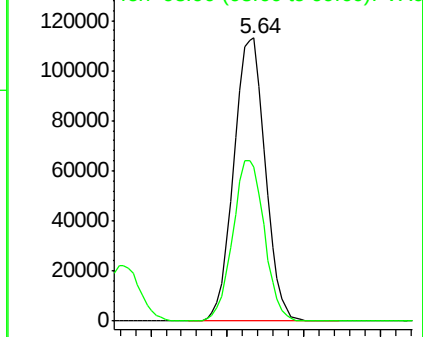
MMDadoda

5/5/2020 11:35:30 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 18.434 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016037.D

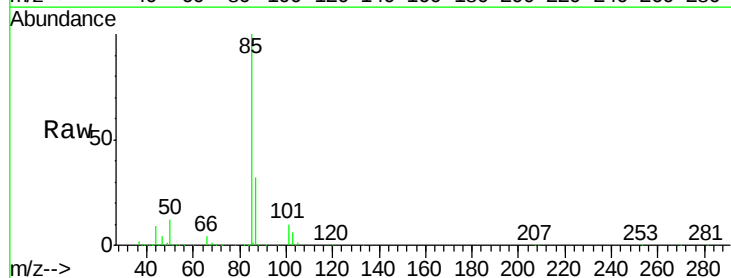
Acq: 04 May 2020 15:48

Tgt Ion: 85 Resp: 62906

Ion Ratio Lower Upper

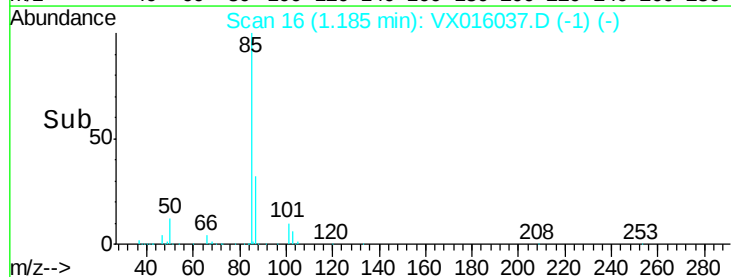
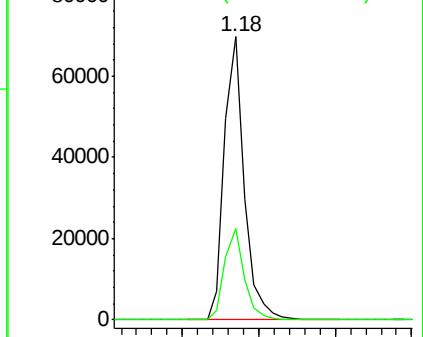
85 100

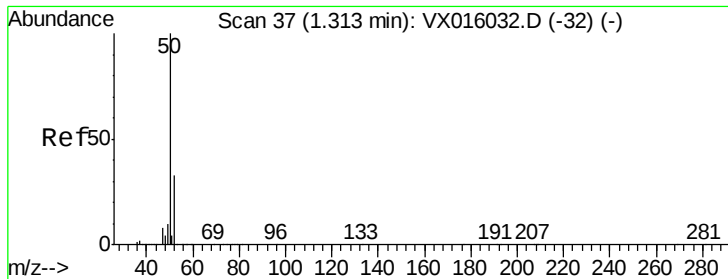
87 32.3 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.697 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBS01

Tot Ion: 50 Resp: 70133

Ion Ratio Lower Upper

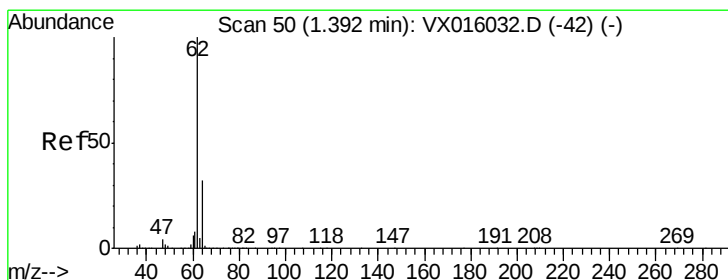
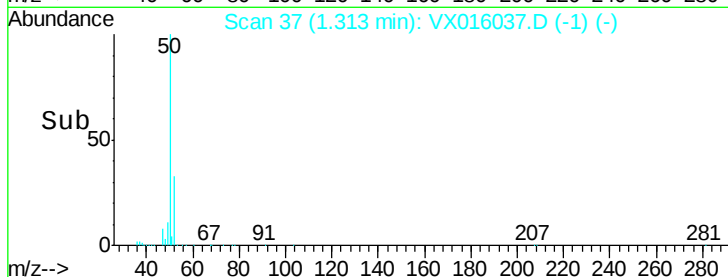
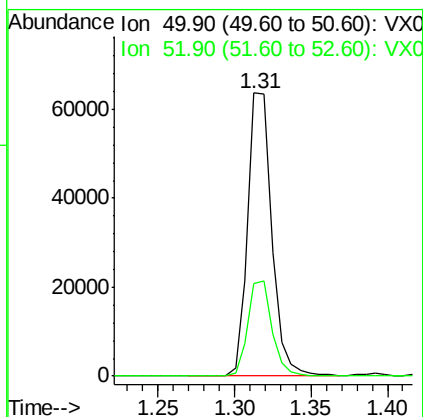
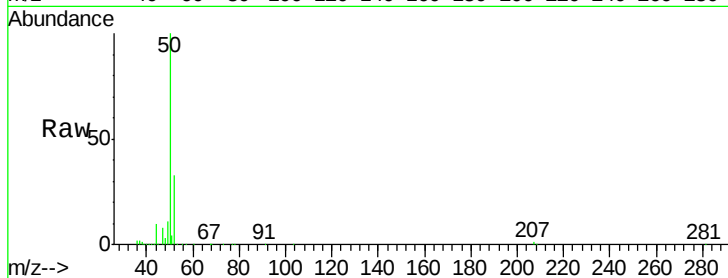
50 100

52 32.6 26.1 39.1

Manual Integrations
APPROVED

MMDadoda

5/5/2020 11:35:30 AM



#4

Vinyl Chloride

Concen: 17.968 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016037.D

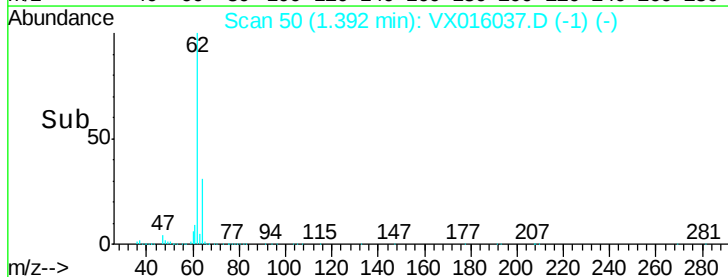
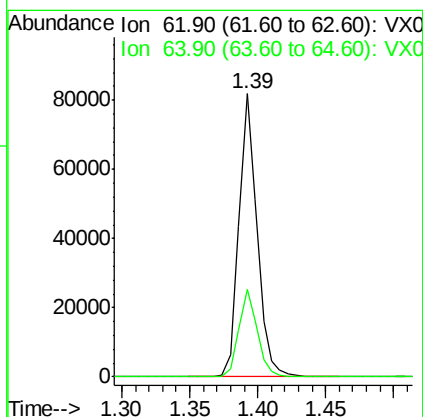
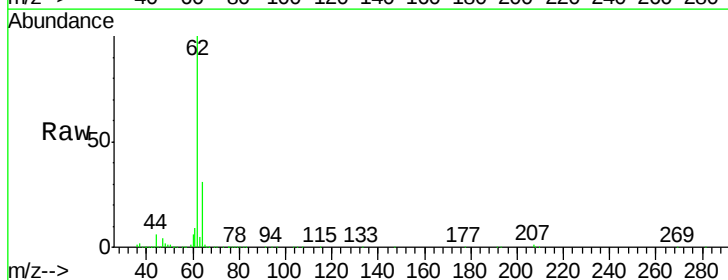
Acq: 04 May 2020 15:48

Tgt Ion: 62 Resp: 75973

Ion Ratio Lower Upper

62 100

64 30.8 25.7 38.5





#5

Bromomethane

Concen: 25.131 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBS01

Tot Ion: 94 Resp: 53570

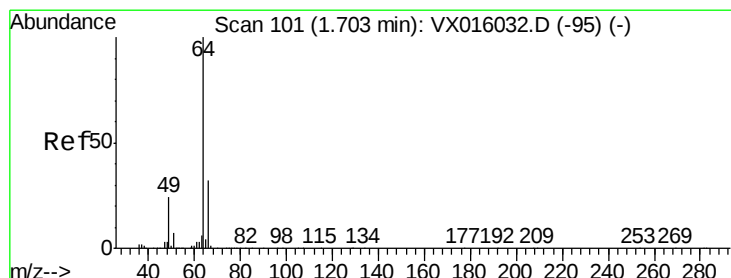
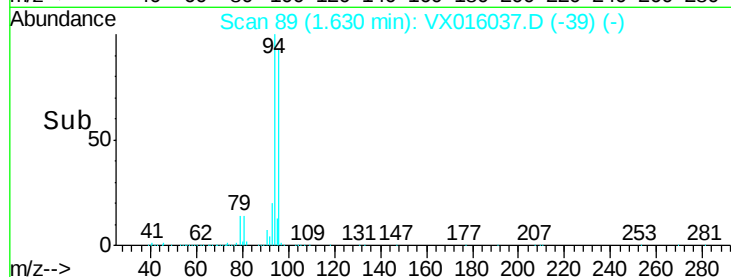
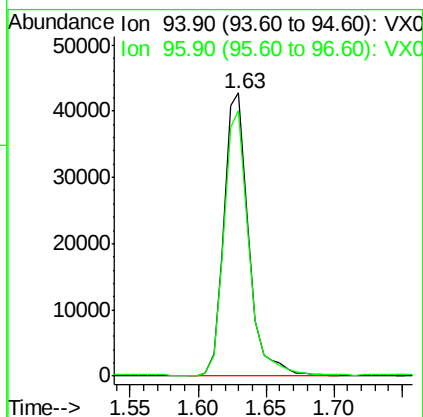
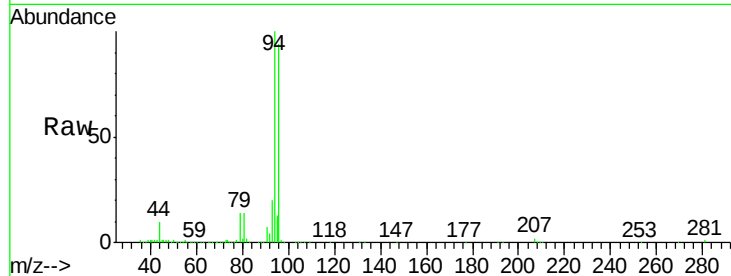
Ion Ratio Lower Upper

94 100

96 93.5 76.9 115.3

Manual Integrations
APPROVED

MMDadoda
5/5/2020 11:35:30 AM



#6

Chloroethane

Concen: 19.005 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016037.D

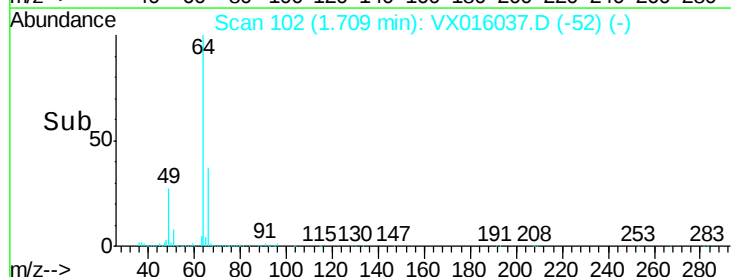
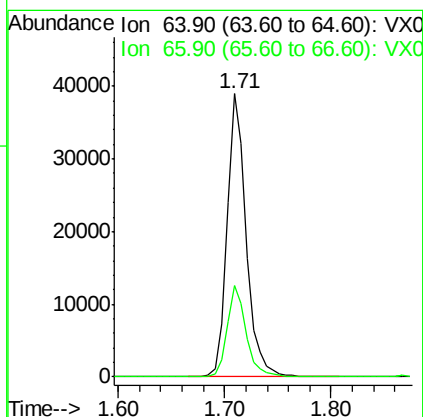
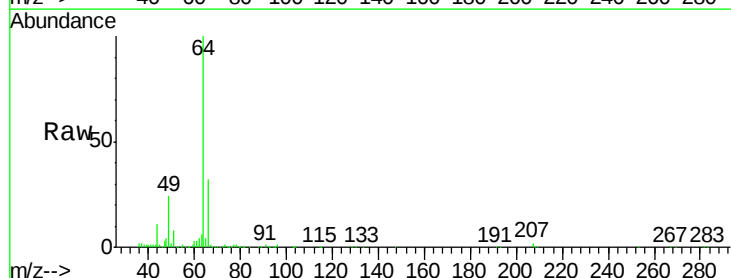
Acq: 04 May 2020 15:48

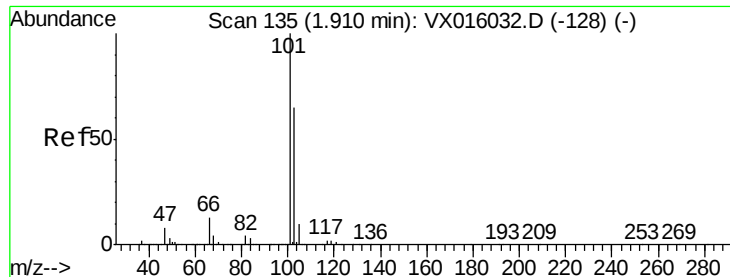
Tgt Ion: 64 Resp: 48892

Ion Ratio Lower Upper

64 100

66 32.1 25.2 37.8





#7

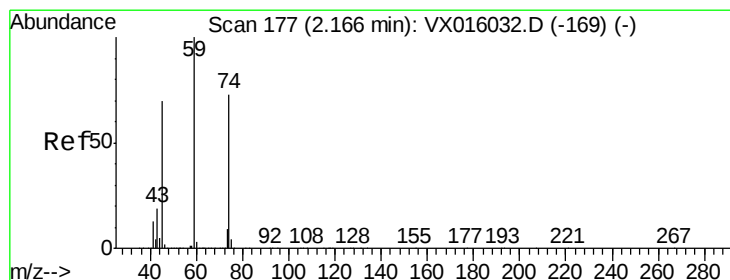
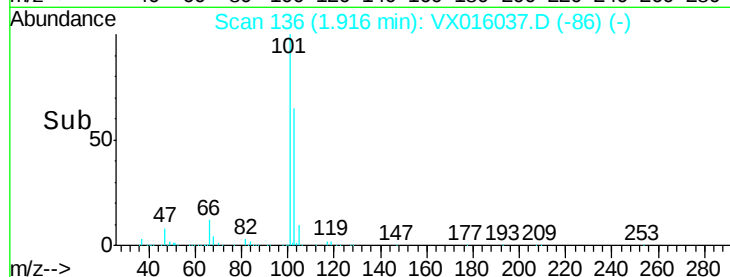
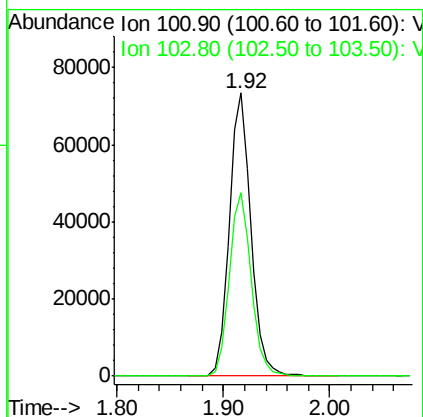
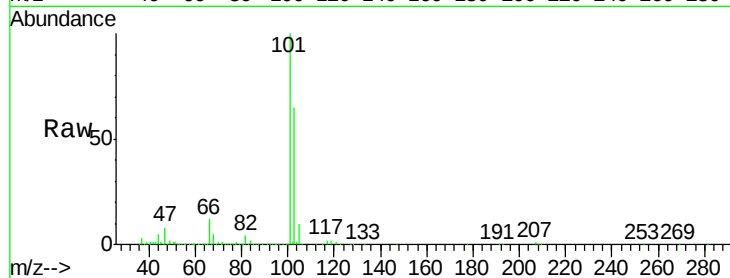
Trichlorofluoromethane
Concen: 18.818 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	51.8	77.6

Manual Integrations
APPROVED

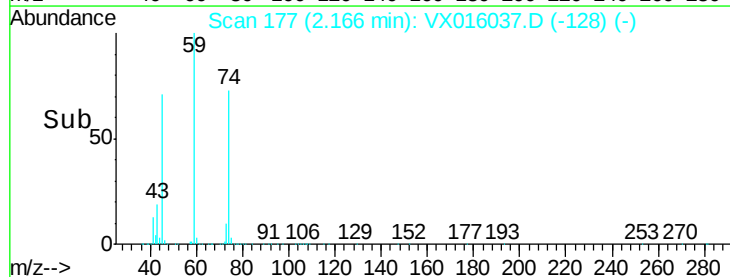
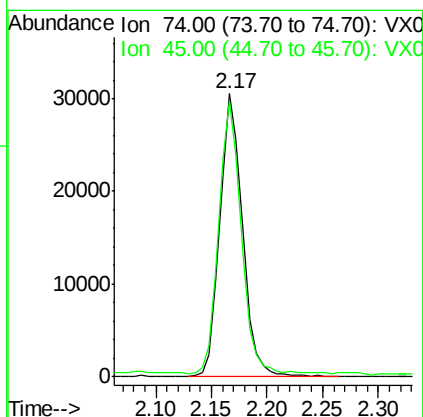
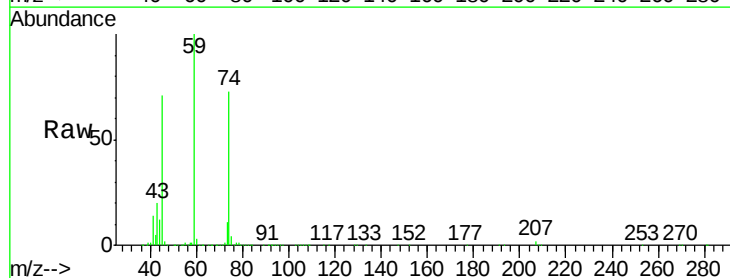
MMDadoda
5/5/2020 11:35:30 AM

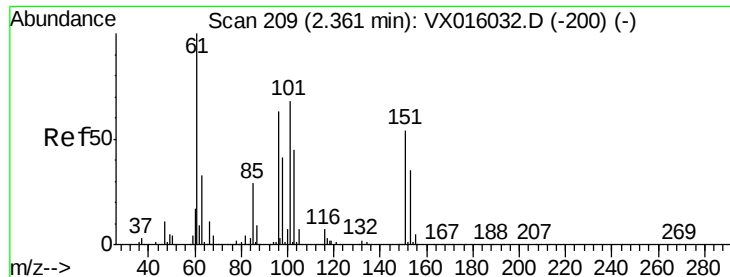


#8

Diethyl Ether
Concen: 18.204 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.0	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.693 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

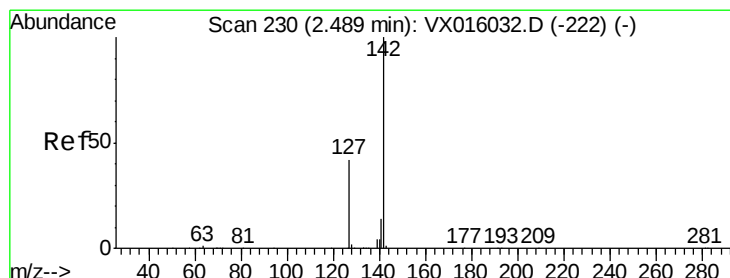
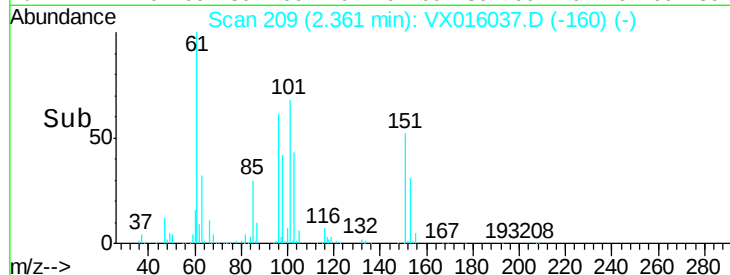
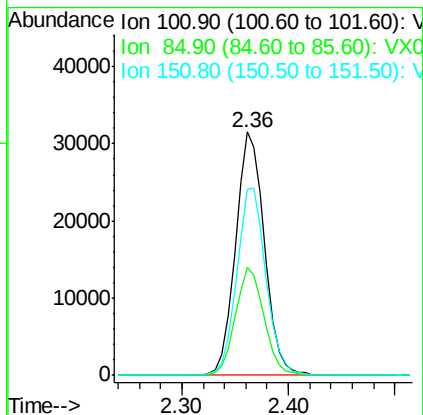
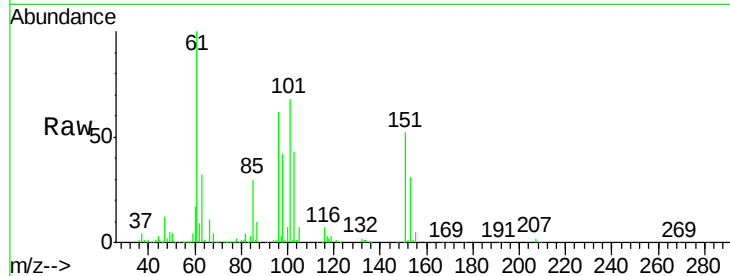
ClientSampleId :

VX0504WBS01

Tot Ion:	101	Resp:	59866
Ion Ratio	Lower	Upper	
101	100		
85	44.3	34.2	51.4
151	78.2	62.1	93.1

Manual Integrations
APPROVED

MMDadoda
5/5/2020 11:35:30 AM



#10

Methyl Iodide

Concen: 16.848 ug/l

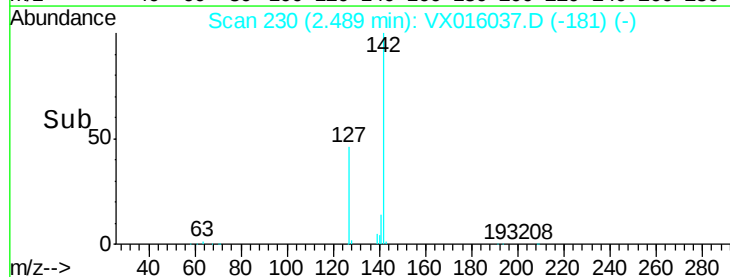
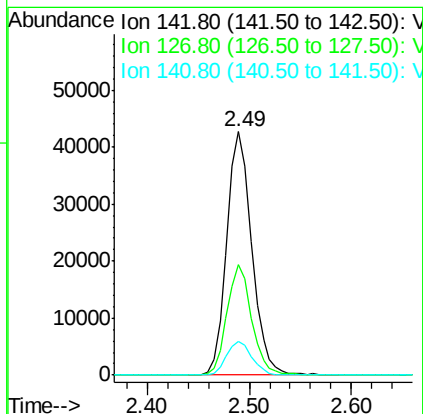
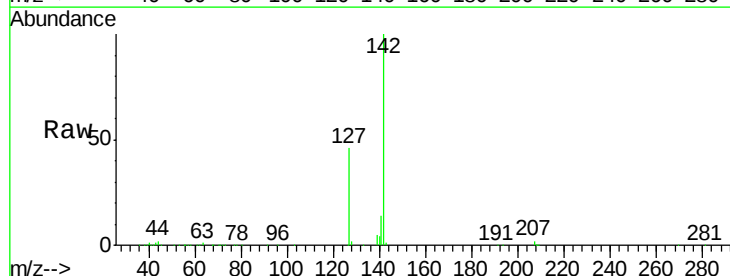
RT: 2.49 min Scan# 230

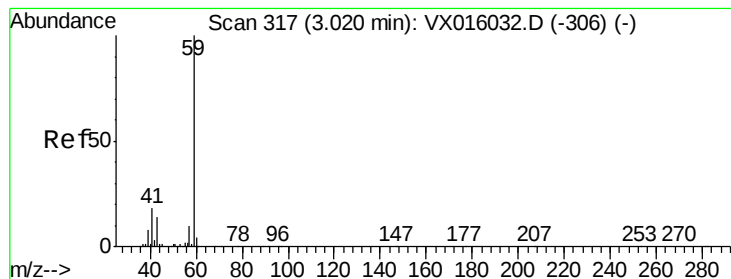
Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Tgt Ion:	142	Resp:	72478
Ion Ratio	Lower	Upper	
142	100		
127	44.8	34.6	52.0
141	14.0	11.3	16.9





#11

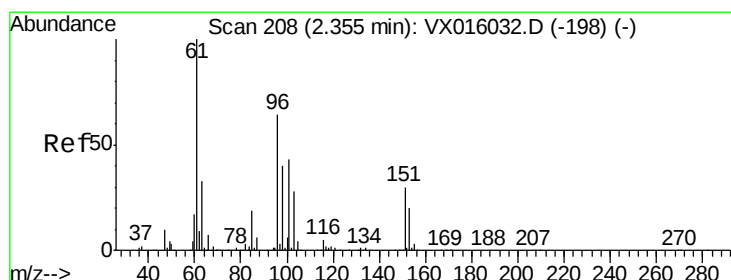
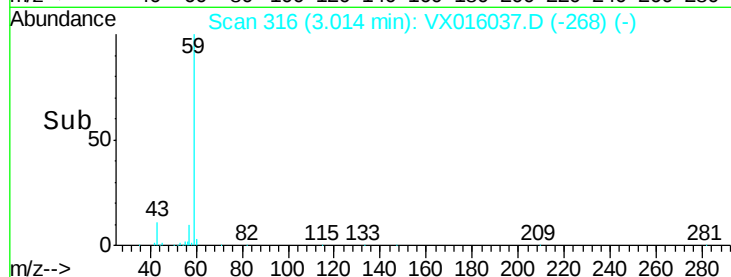
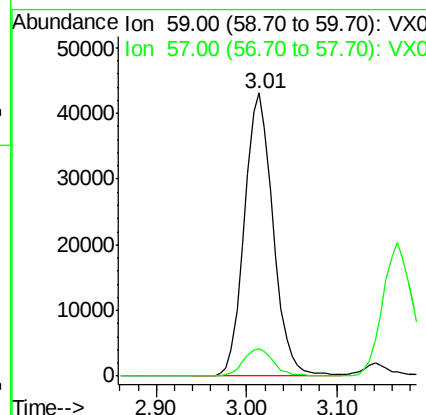
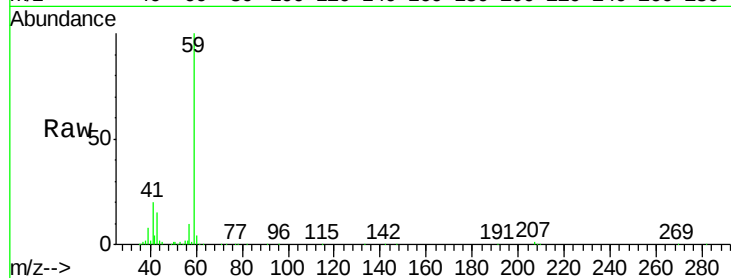
Tert butyl alcohol
Concen: 88.202 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Instrument :
MSVOA_X
ClientSampled :
VX0504WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100			
57	57	10.3		8.2	12.4

Manual Integrations
APPROVED

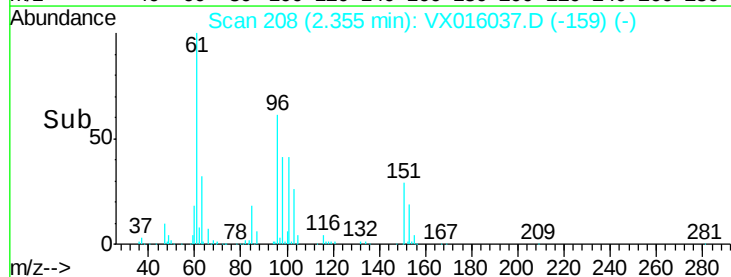
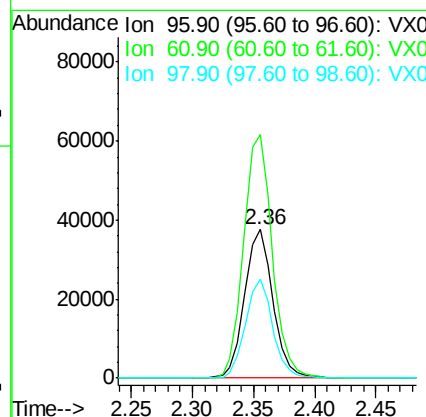
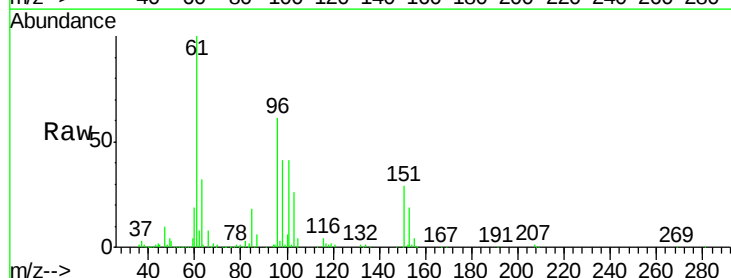
MMDadoda
5/5/2020 11:35:30 AM



#12

1,1-Dichloroethene
Concen: 17.770 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100			
61	61	164.6		124.8	187.2
98	98	67.1		49.7	74.5





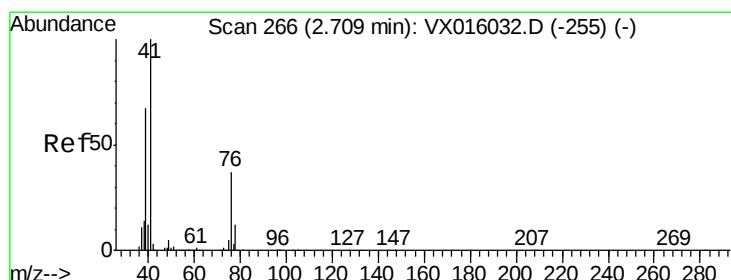
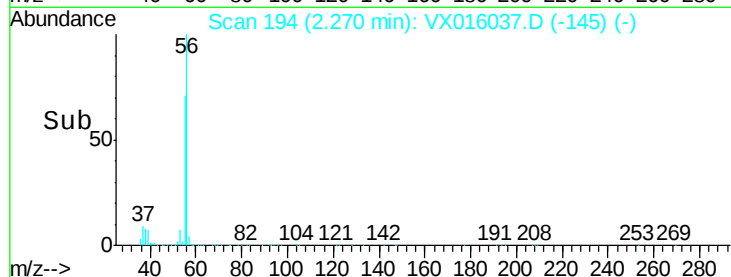
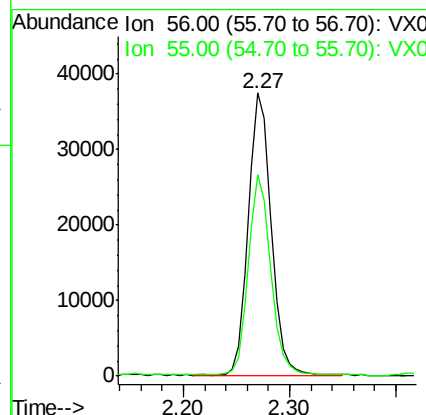
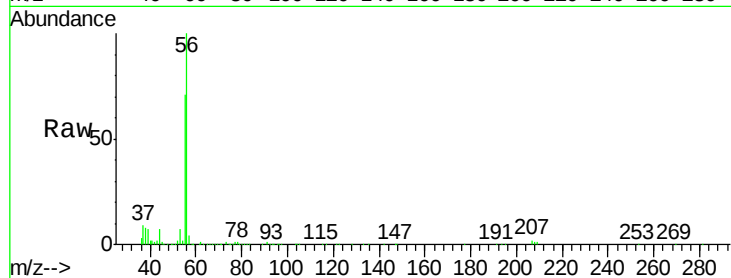
#13
Acrolein
Concen: 84.476 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.9	56.5	84.7

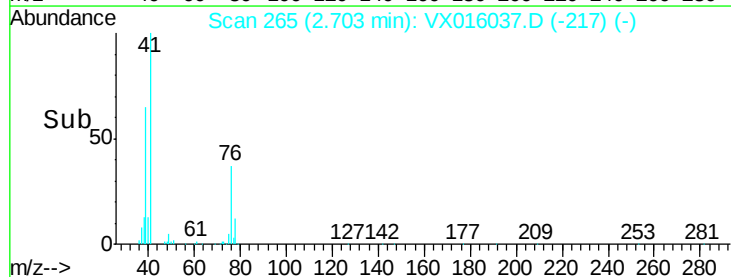
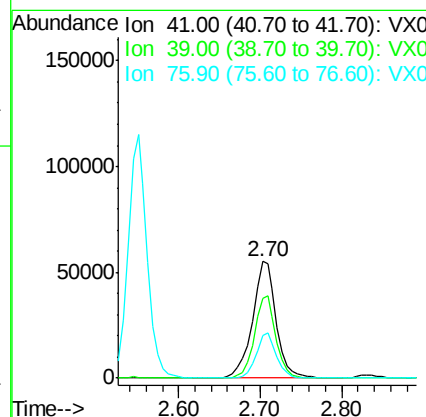
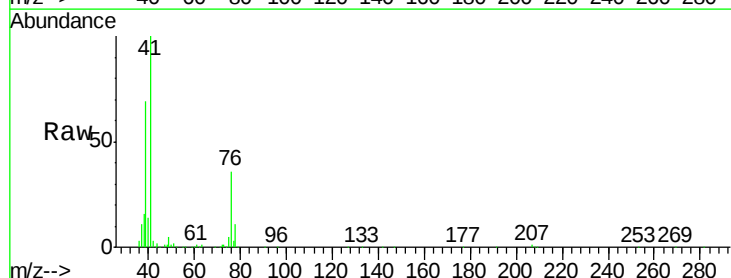
Manual Integrations
APPROVED

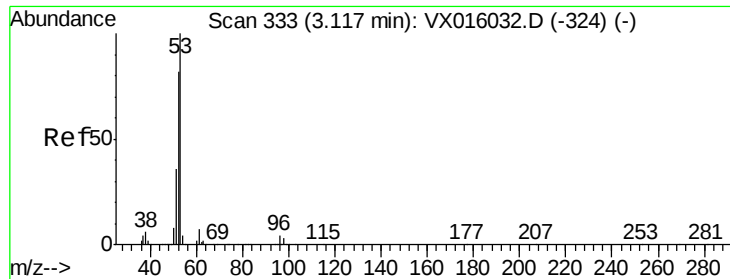
MMDadoda
5/5/2020 11:35:30 AM



#14
Allyl chloride
Concen: 18.066 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
41	100		
39	63.9	50.5	75.7
76	33.1	26.6	40.0





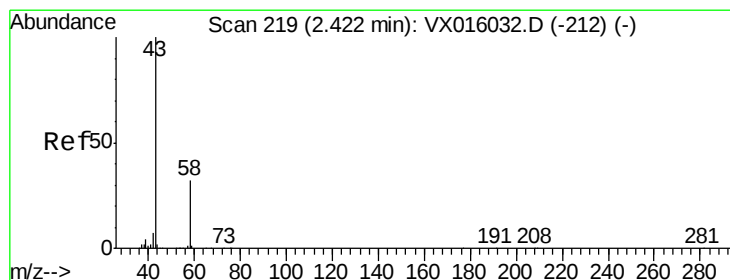
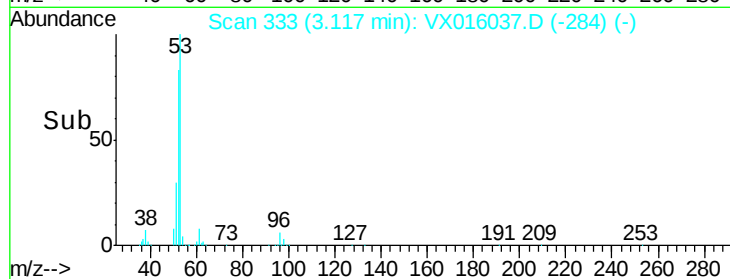
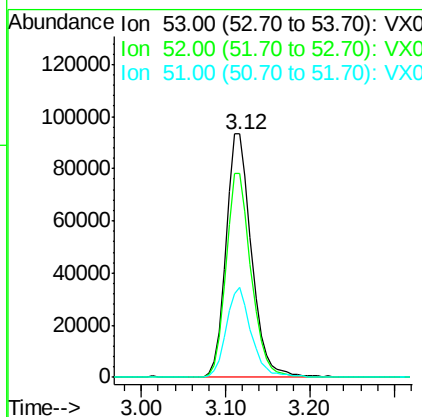
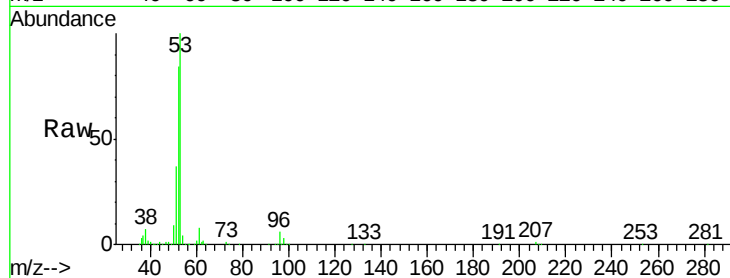
#15
 Acrylonitrile
 Concen: 87.023 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016037.D
 Acq: 04 May 2020 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBS01

Tot Ion:	53	Resp:	193674
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.1	99.1
51	36.3	28.8	43.2

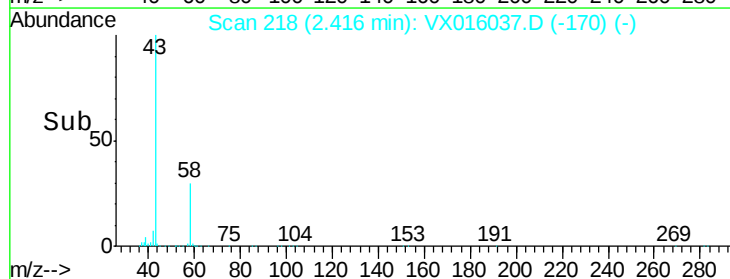
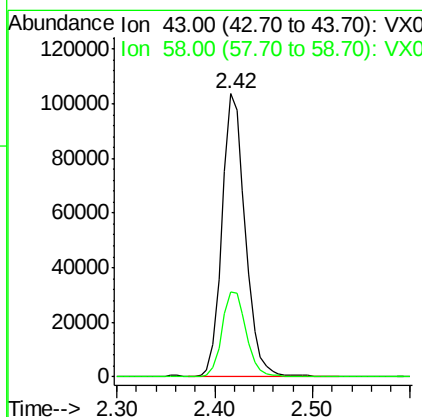
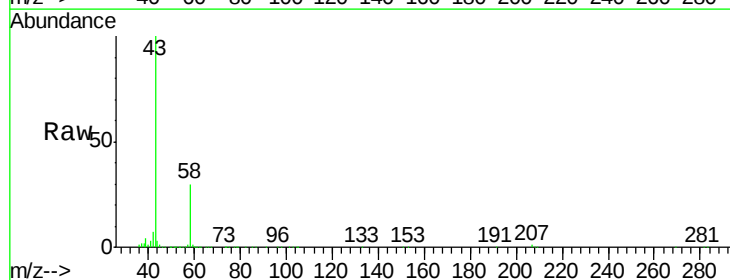
Manual Integrations
 APPROVED

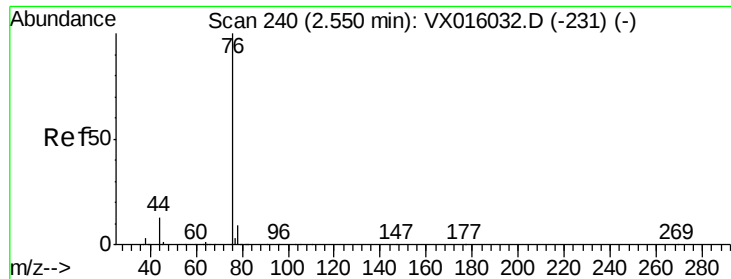
MMDadoda
 5/5/2020 11:35:30 AM



#16
 Acetone
 Concen: 89.476 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.01 min
 Lab File: VX016037.D
 Acq: 04 May 2020 15:48

Tgt Ion:	43	Resp:	169372
Ion	Ratio	Lower	Upper
43	100		
58	30.2	25.4	38.0





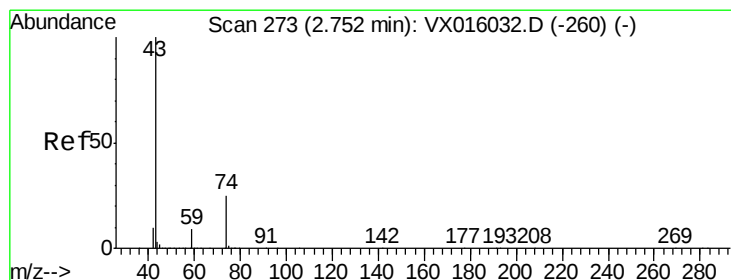
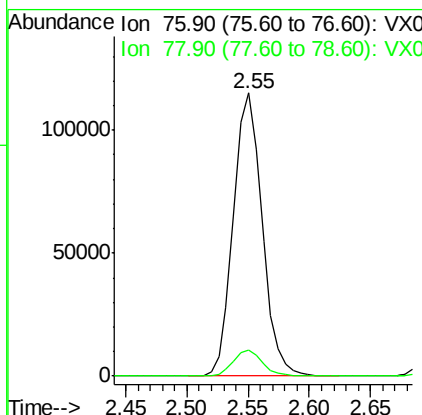
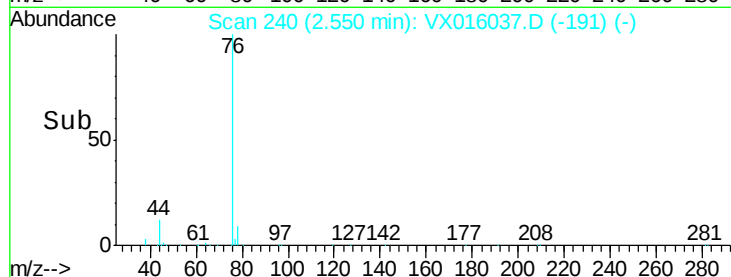
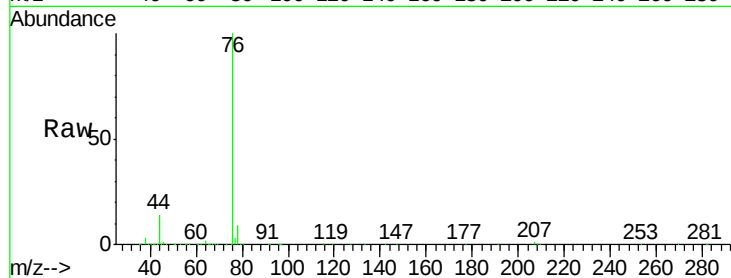
#17
Carbon Disulfide
Concen: 18.508 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Instrument :
MSVOA_X
ClientSampled :
VX0504WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.5	11.3

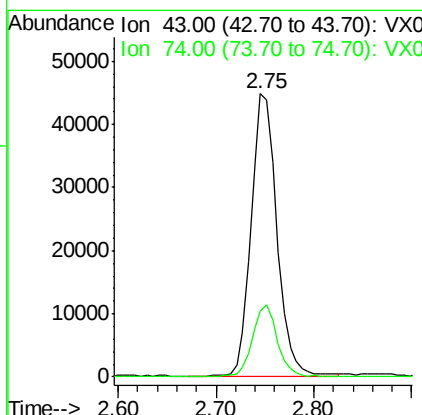
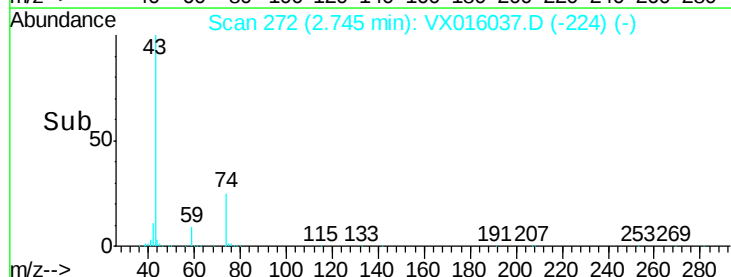
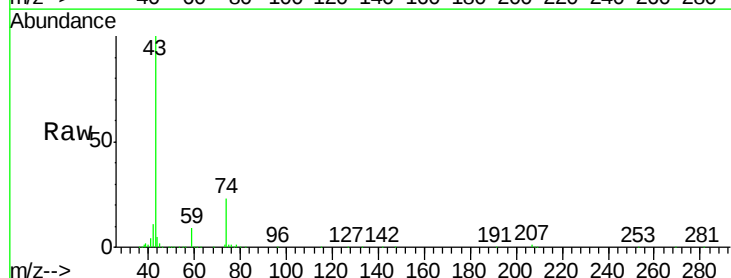
Manual Integrations
APPROVED

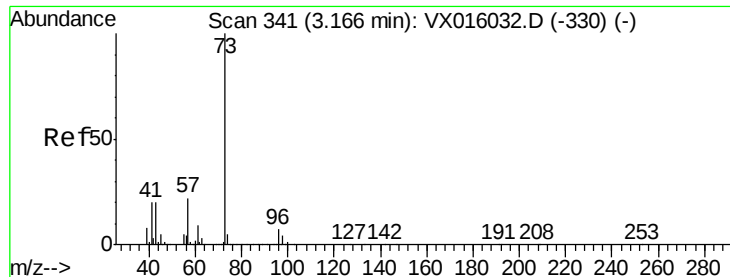
MMDadoda
5/5/2020 11:35:30 AM



#18
Methyl Acetate
Concen: 17.601 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.0	20.2	30.2





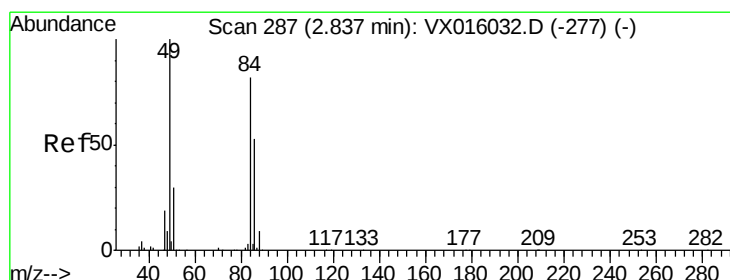
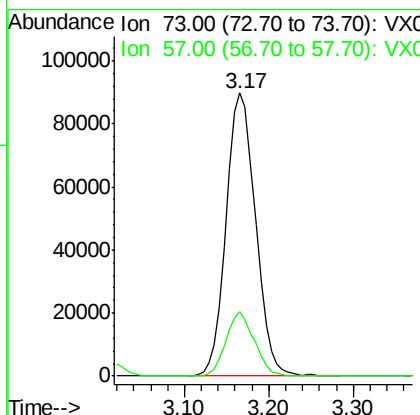
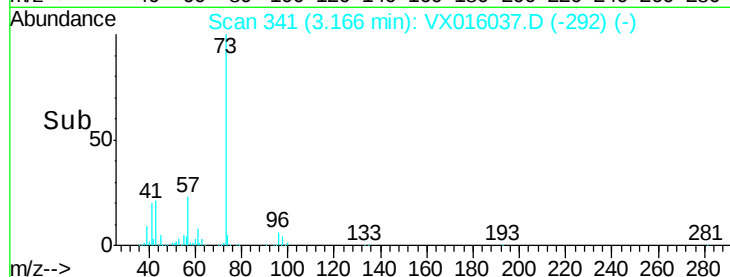
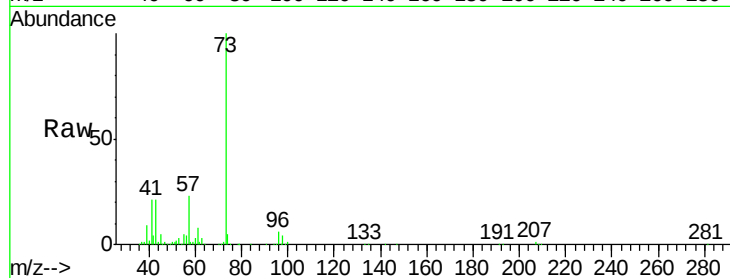
#19
Methvl tert-butvl Ether
Concen: 18.424 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.6	17.8	26.6

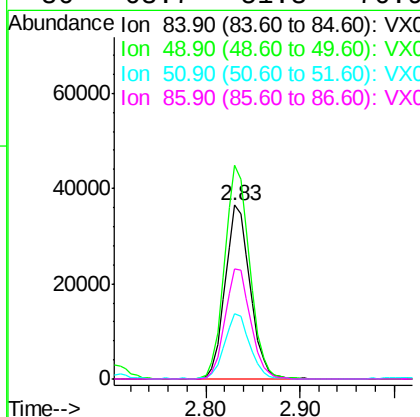
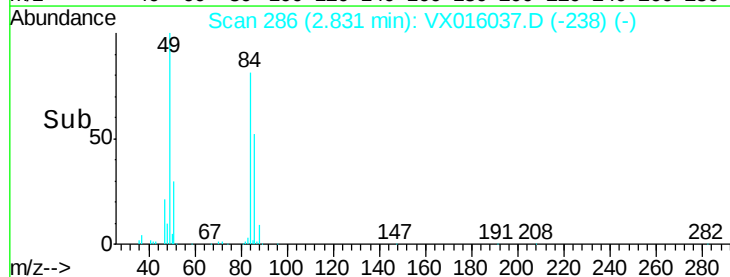
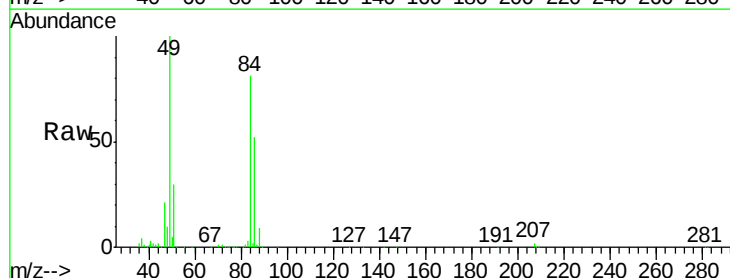
Manual Integrations
APPROVED

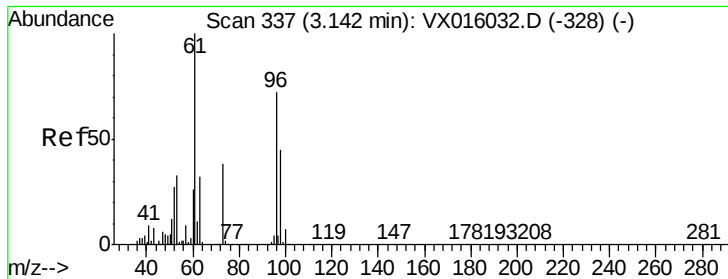
MMDadoda
5/5/2020 11:35:30 AM



#20
Methylene Chloride
Concen: 17.267 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.9	97.3	145.9
51	37.1	29.3	43.9
86	63.7	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 17.537 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

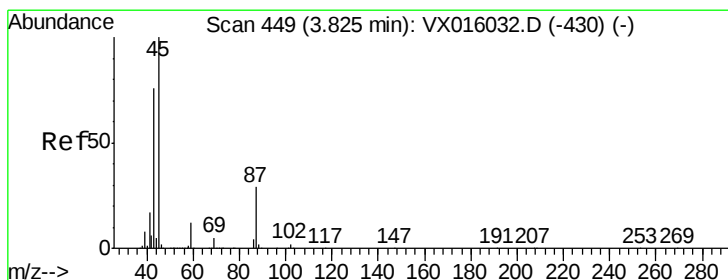
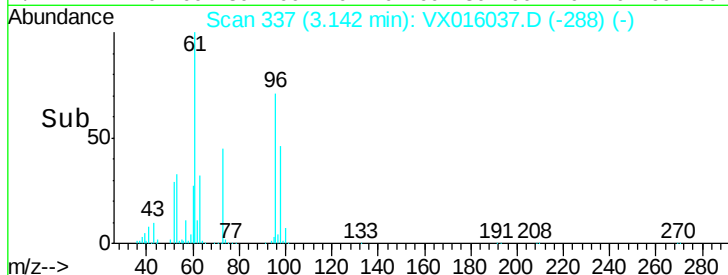
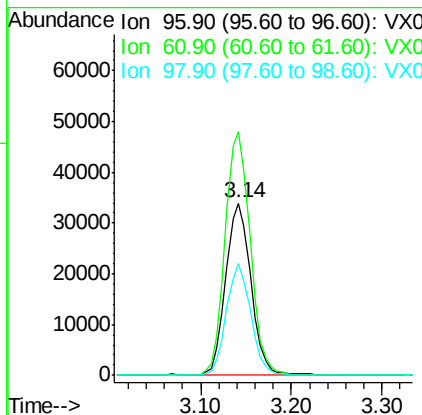
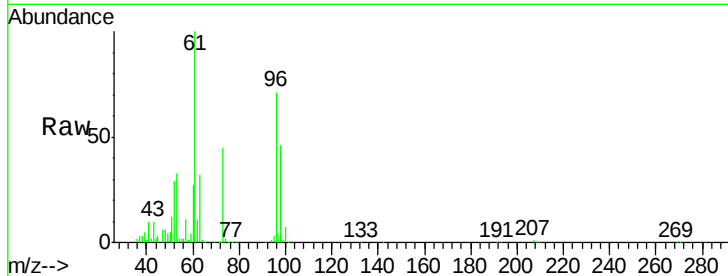
ClientSampleId :

VX0504WBS01

Tot Ion:	96	Resp:	65496
Ion	Ratio	Lower	Upper
96	100		
61	141.4	111.2	166.8
98	64.8	50.2	75.4

Manual Integrations
APPROVED

MMDadoda
5/5/2020 11:35:30 AM



#22

Diisopropyl ether

Concen: 18.102 ug/l

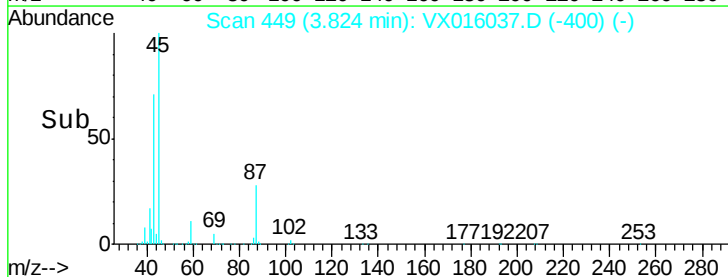
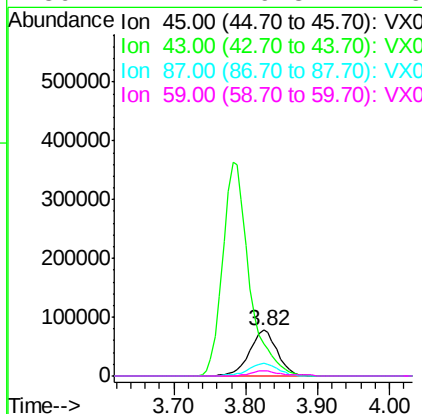
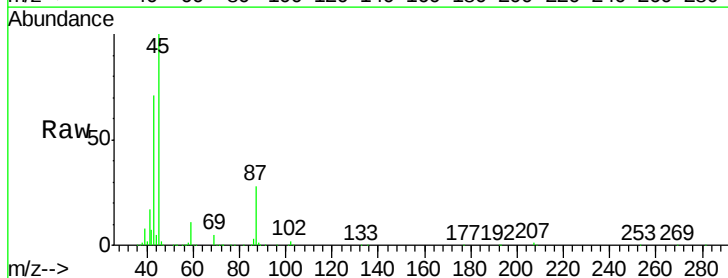
RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Tgt Ion:	45	Resp:	209852
Ion	Ratio	Lower	Upper
45	100		
43	71.3	61.1	91.7
87	28.5	23.0	34.6
59	11.4	9.8	14.6





#23

Vinyl Acetate

Concen: 91.445 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBS01

Tot Ion: 43 Resp: 932659

Ion Ratio Lower Upper

43 100

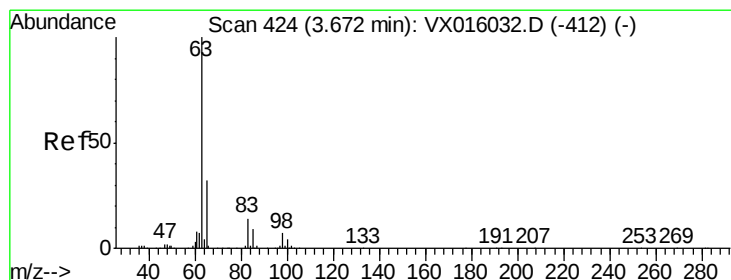
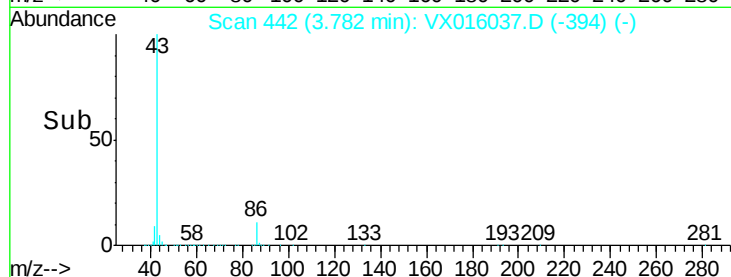
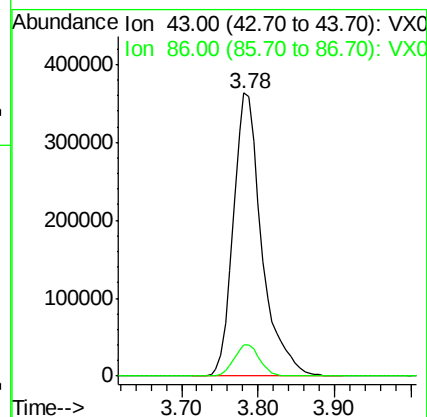
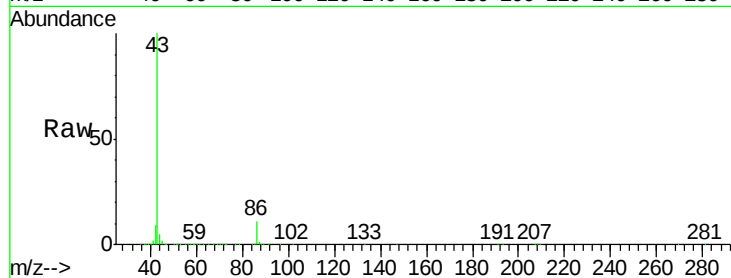
86 11.0 9.0 13.4

Manual Integrations

APPROVED

MMDadoda

5/5/2020 11:35:30 AM



#24

1,1-Dichloroethane

Concen: 18.097 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

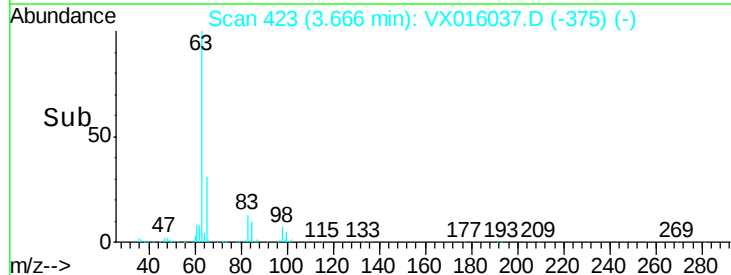
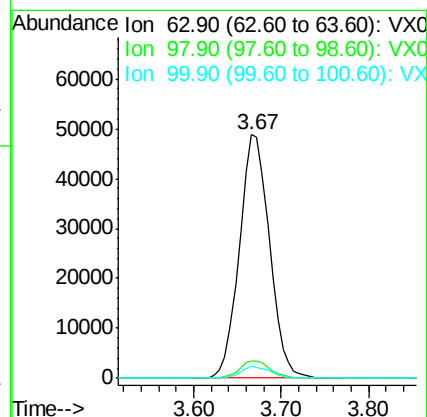
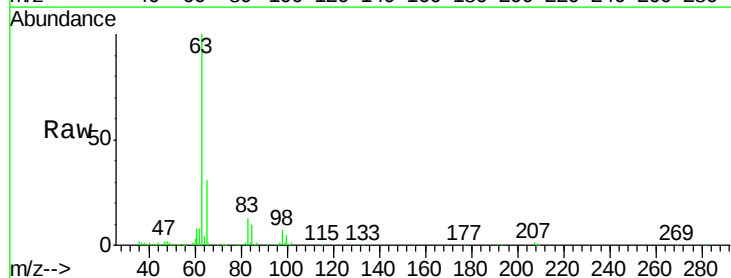
Tgt Ion: 63 Resp: 117356

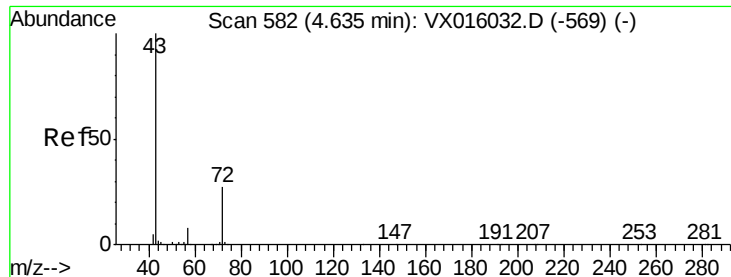
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 4.7 2.1 6.5





#25

2-Butanone

Concen: 89.594 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

ClientSampled :

VX0504WBS01

Tot Ion: 43 Resp: 273287

Ion Ratio Lower Upper

43 100

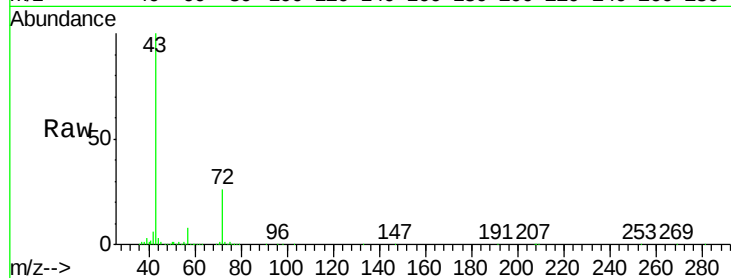
72 26.2 21.8 32.8

Manual Integrations

APPROVED

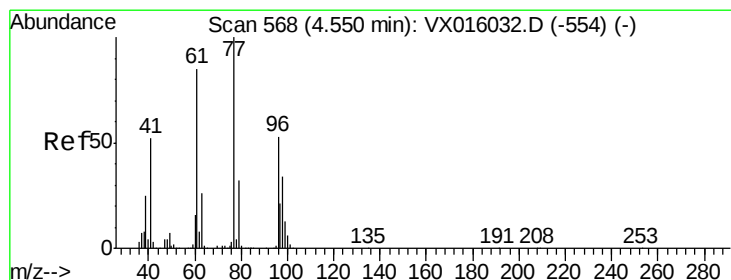
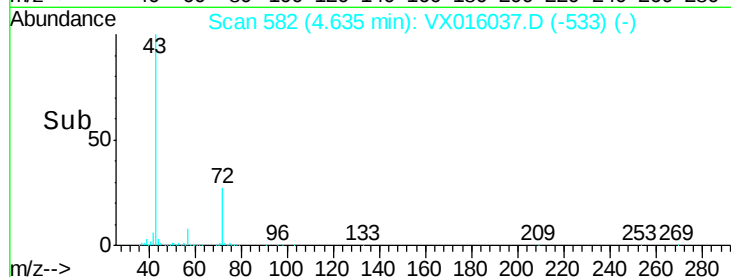
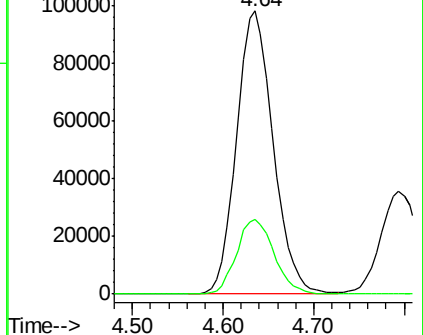
MMDadoda

5/5/2020 11:35:30 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.093 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016037.D

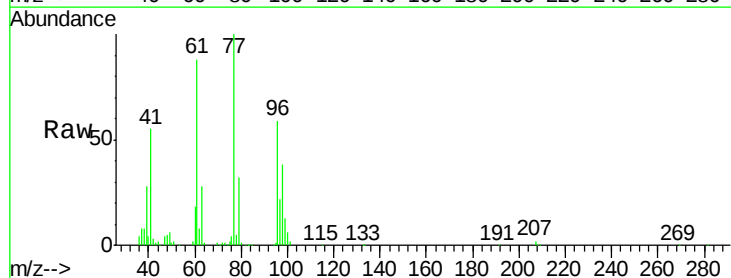
Acq: 04 May 2020 15:48

Tgt Ion: 77 Resp: 107154

Ion Ratio Lower Upper

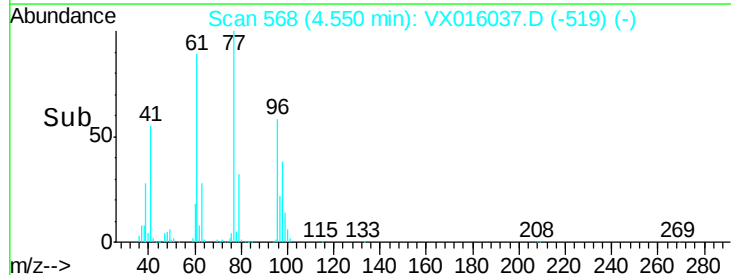
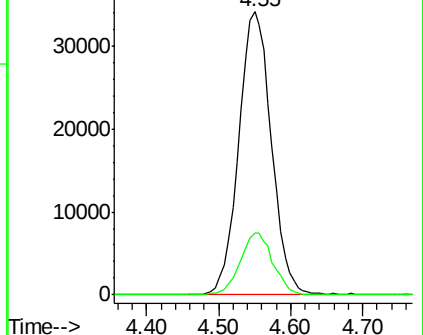
77 100

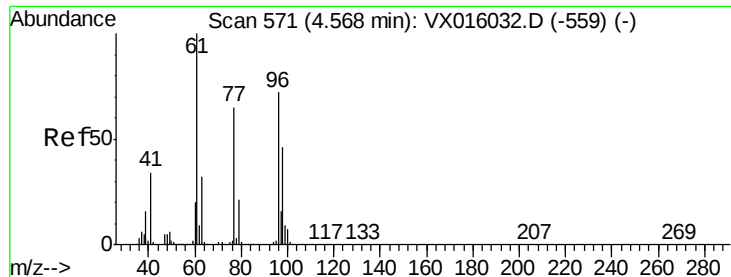
97 22.0 11.2 33.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

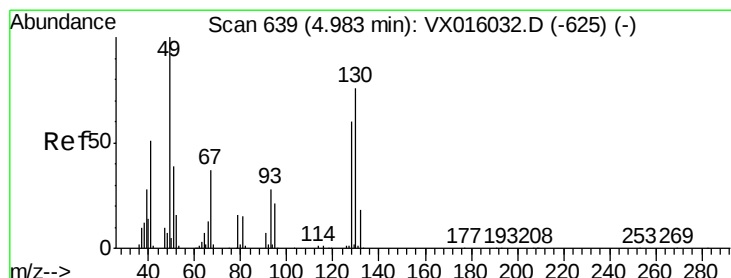
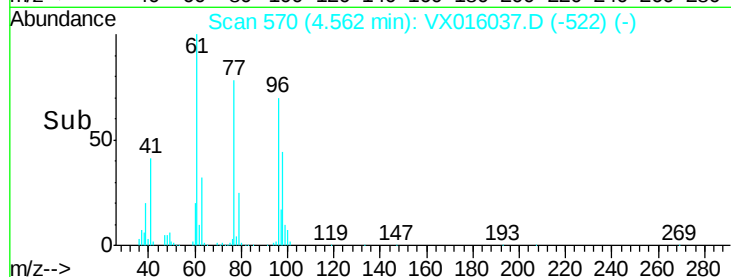
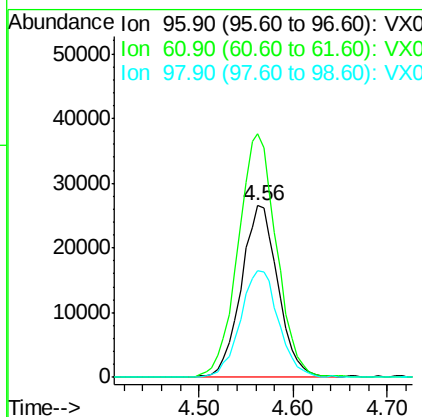
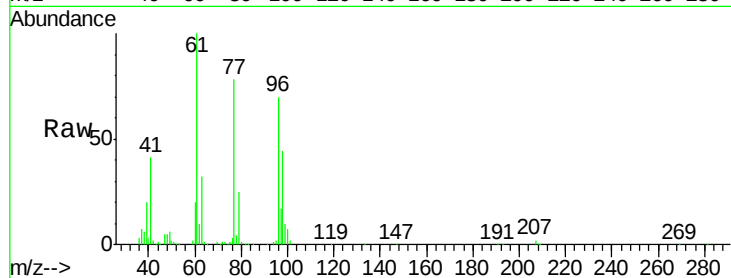
cis-1,2-Dichloroethene
Concen: 17.786 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	148.1	0.0	296.2
98	64.5	0.0	129.4

Manual Integrations
APPROVED

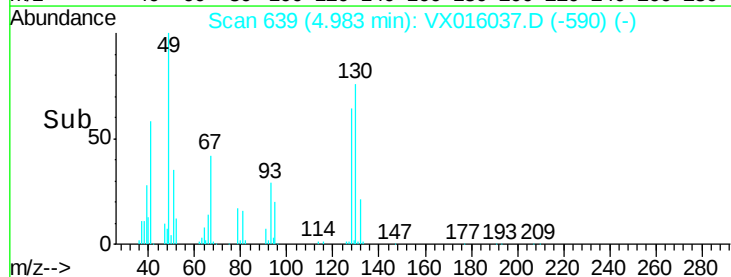
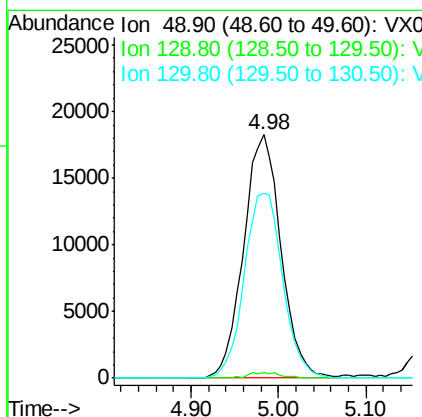
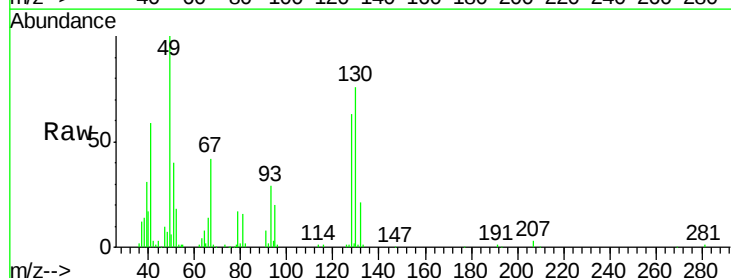
MMDadoda
5/5/2020 11:35:30 AM

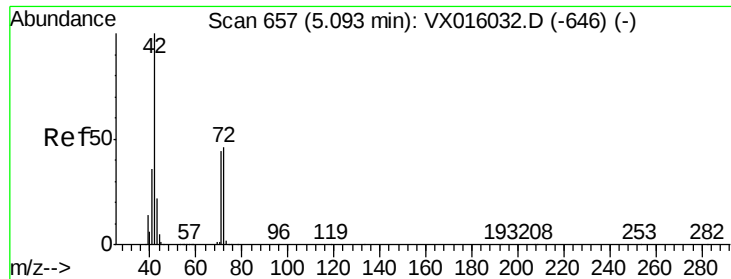


#28

Bromochloromethane
Concen: 18.420 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	78.2	62.4	93.6





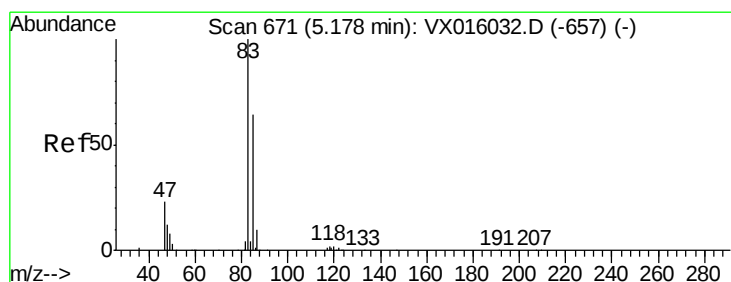
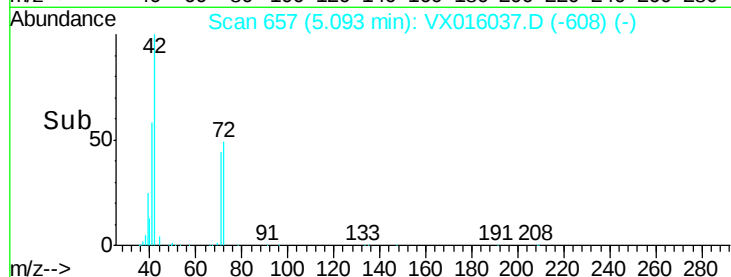
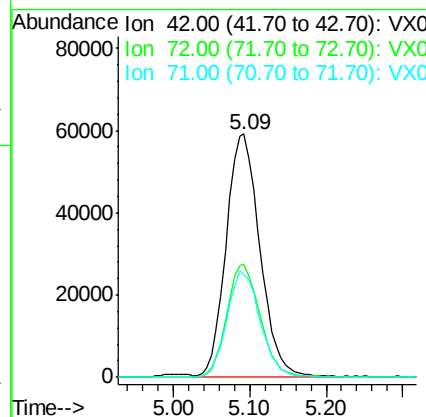
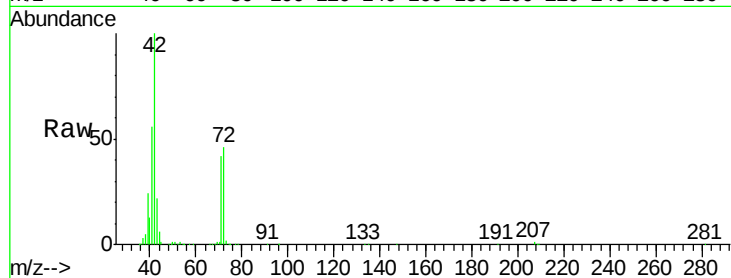
#29
Tetrahydrofuran
Concen: 88.897 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.8	37.1	55.7
71	43.6	34.5	51.7

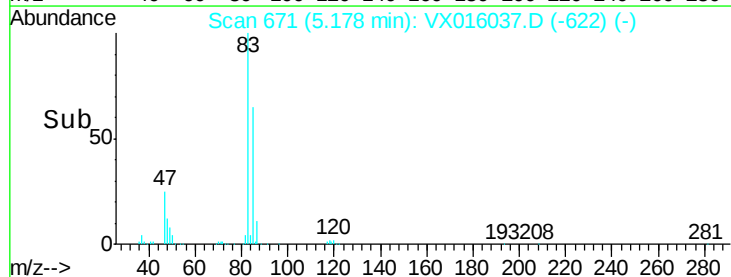
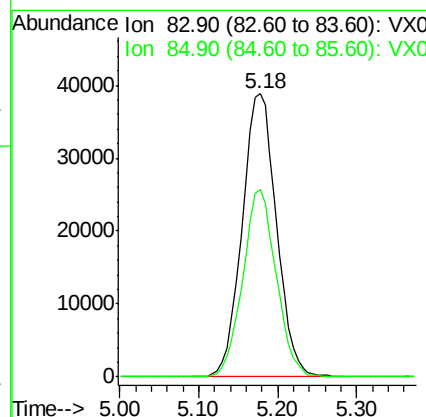
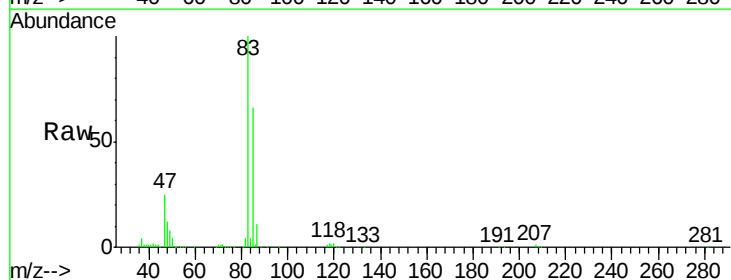
Manual Integrations
APPROVED

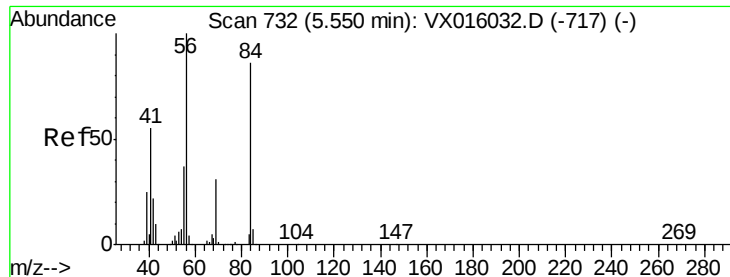
MMDadoda
5/5/2020 11:35:30 AM



#30
Chloroform
Concen: 18.216 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	51.6	77.4





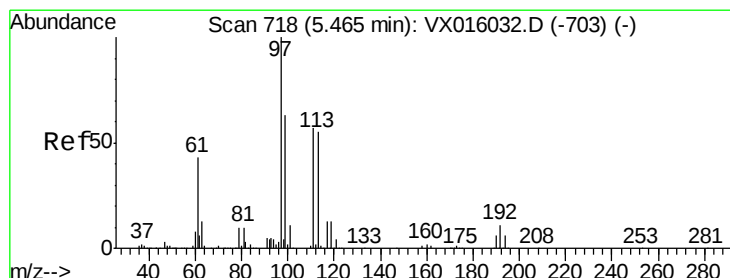
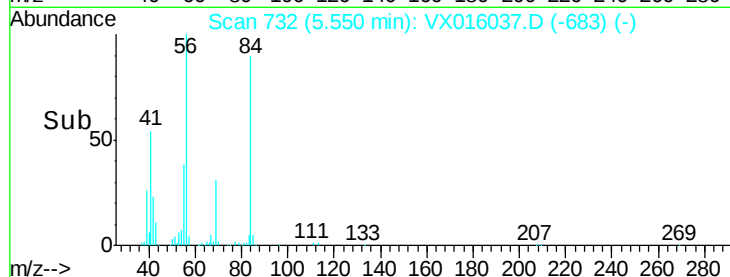
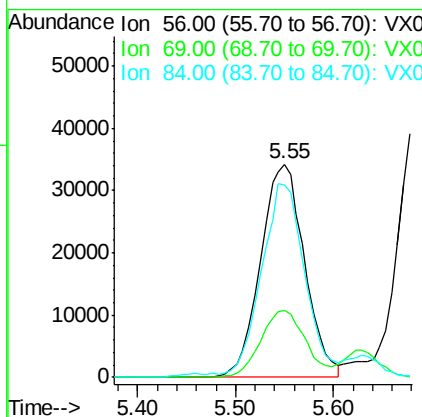
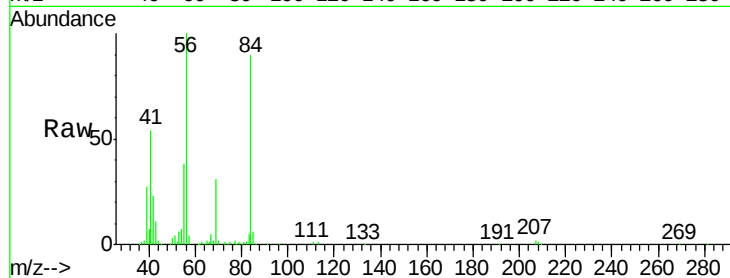
#31
Cyclohexane
Concen: 18.163 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	31.2	25.0	37.6	
84	88.7	69.0	103.6	

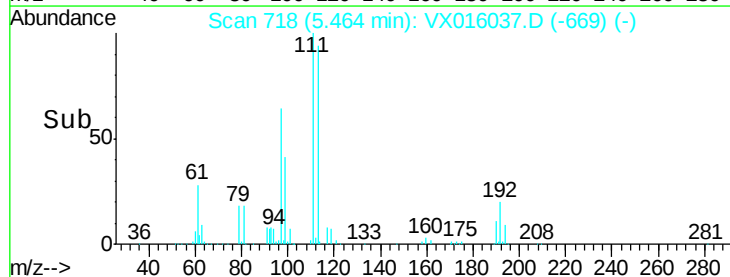
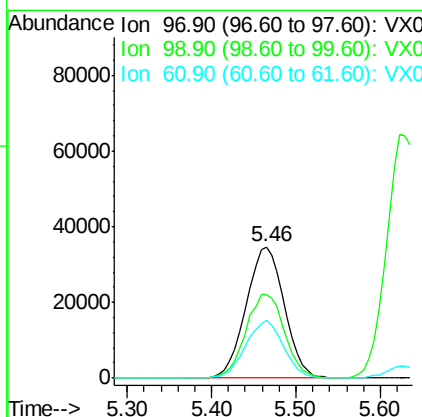
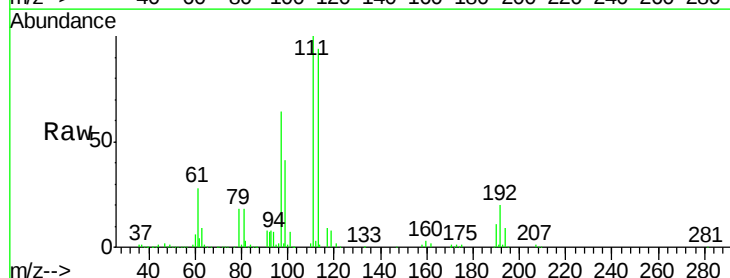
Manual Integrations
APPROVED

MMDadoda
5/5/2020 11:35:30 AM



#32
1,1,1-Trichloroethane
Concen: 18.209 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.8	51.0	76.4	
61	43.6	34.5	51.7	





#33

1,2-Dichloroethane-d4

Concen: 45.533 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBS01

Tot Ion: 65 Resp: 193172

Ion Ratio Lower Upper

65 100

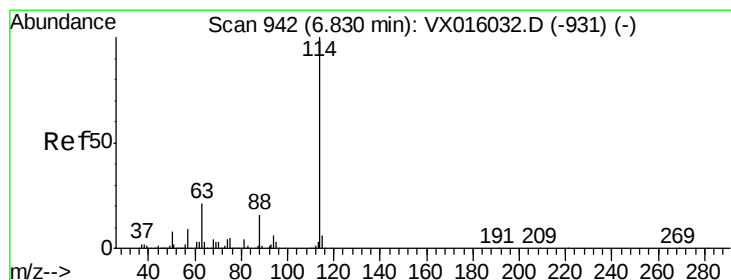
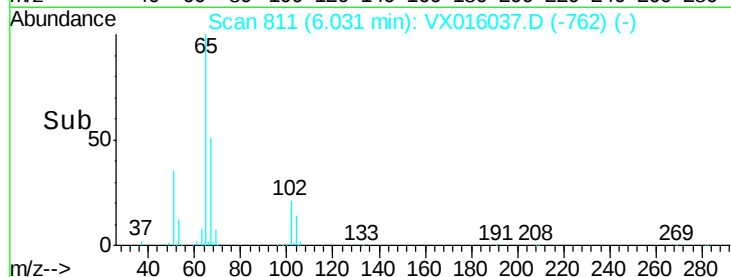
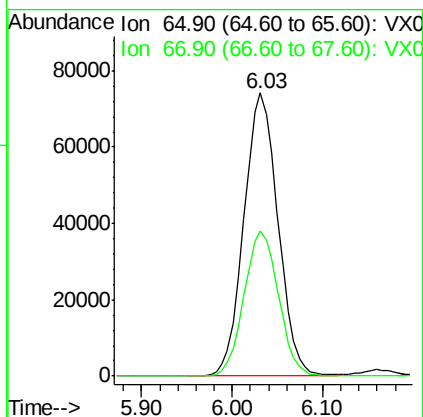
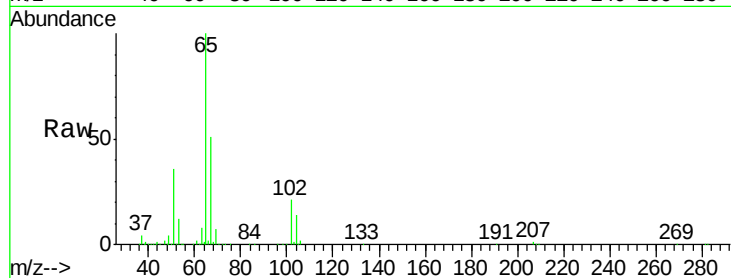
67 52.0 0.0 104.8

Manual Integrations

APPROVED

MMDadoda

5/5/2020 11:35:30 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

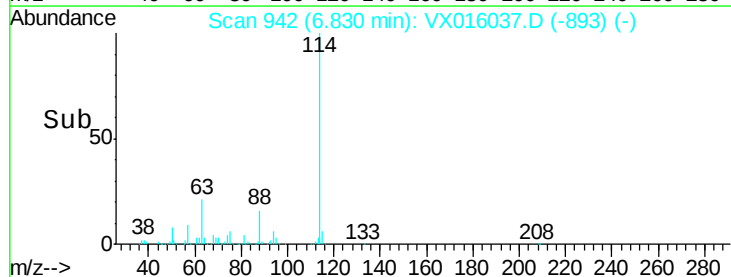
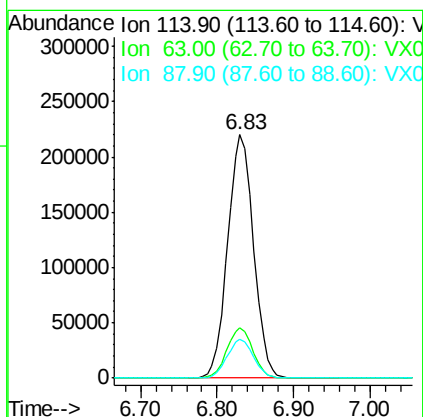
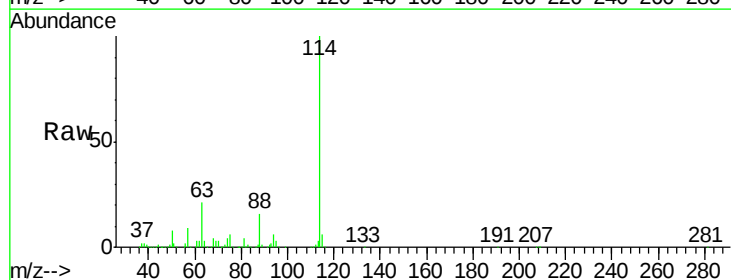
Tgt Ion: 114 Resp: 513704

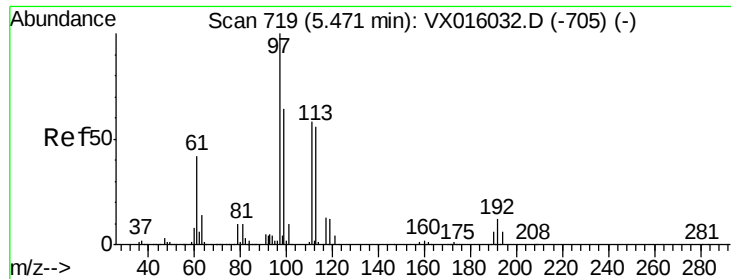
Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.8

88 15.8 0.0 31.4





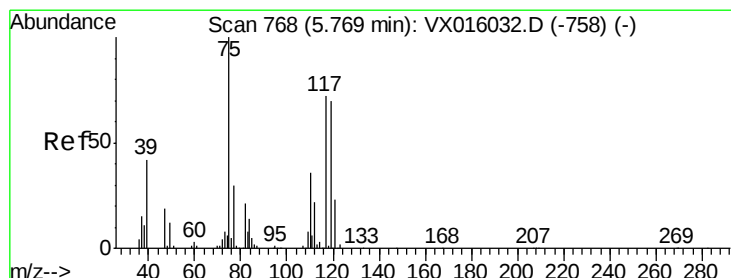
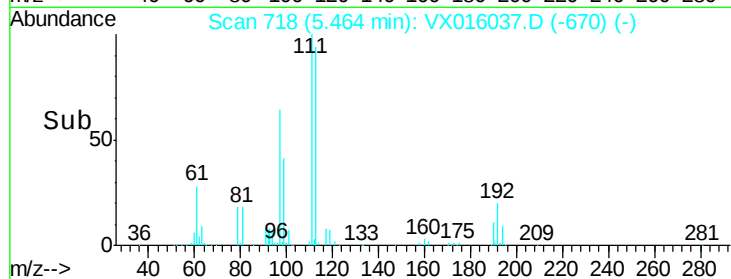
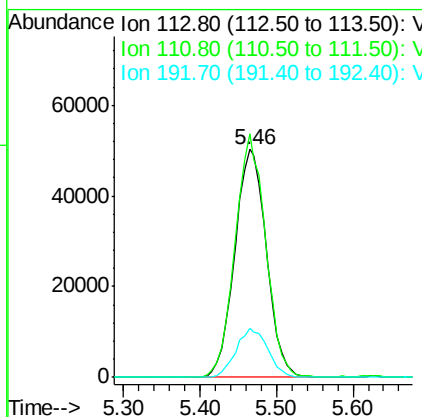
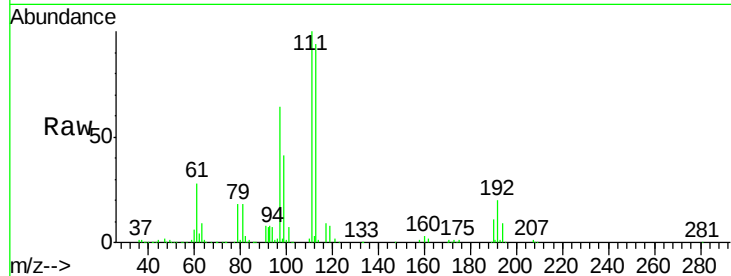
#35
Dibromofluoromethane
Concen: 44.392 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	102.9	81.6	122.4	
192	21.6	17.0	25.4	

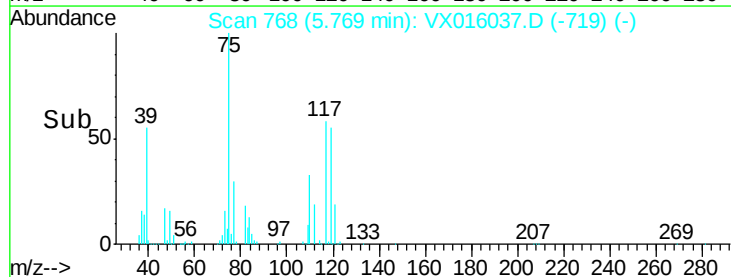
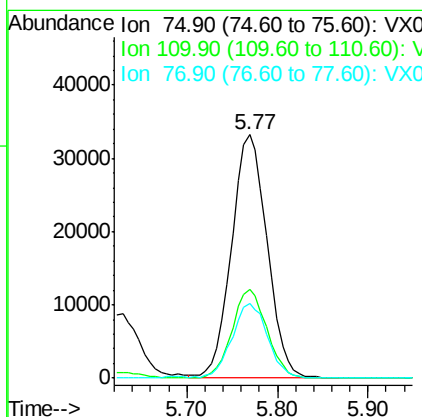
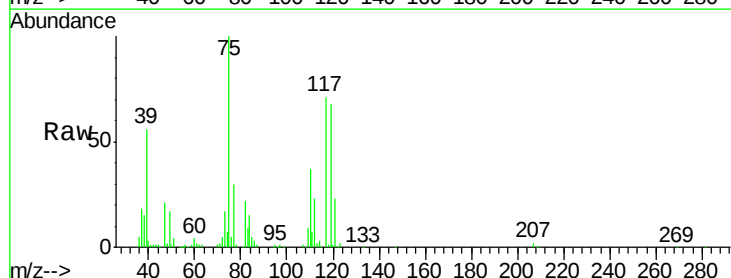
Manual Integrations
APPROVED

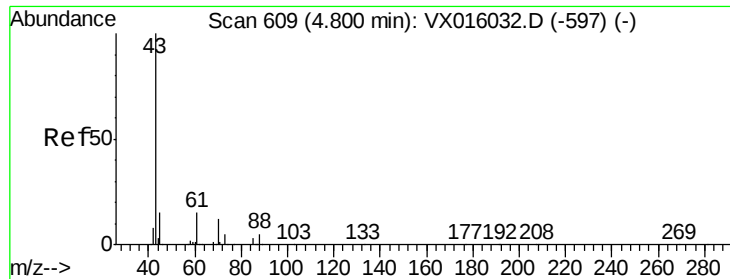
MMDadoda
5/5/2020 11:35:30 AM



#36
1,1-Dichloropropene
Concen: 17.789 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	35.9	18.1	54.1	
77	30.9	25.0	37.6	





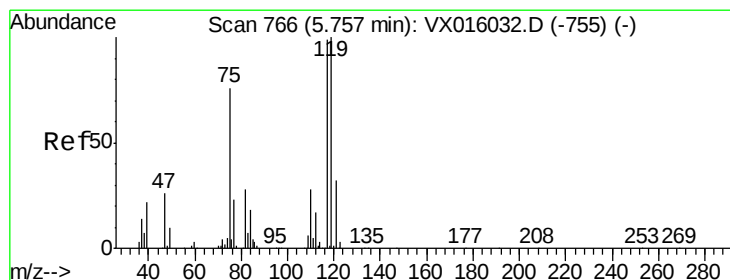
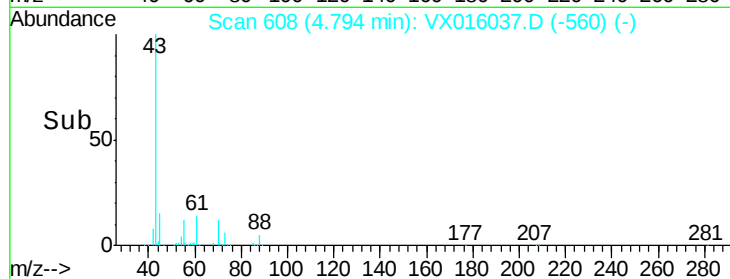
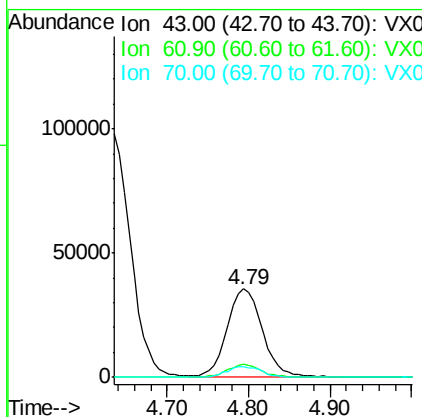
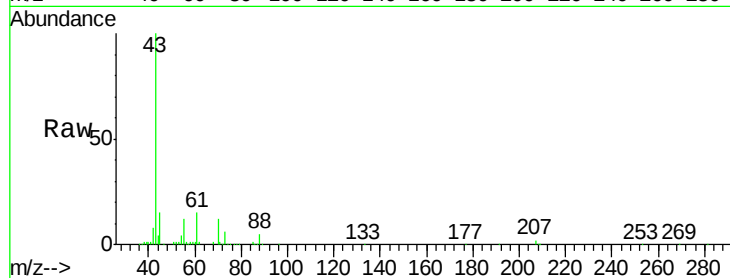
#37
Ethyl Acetate
Concen: 17.960 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.7	17.5
70	12.0	9.3	13.9

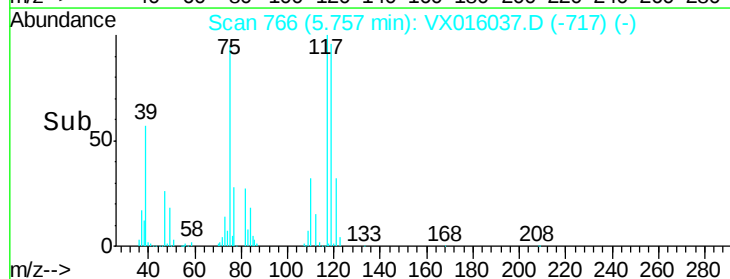
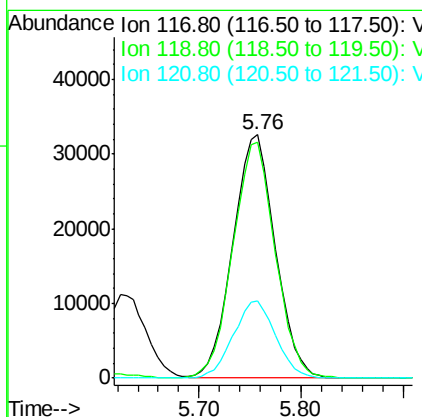
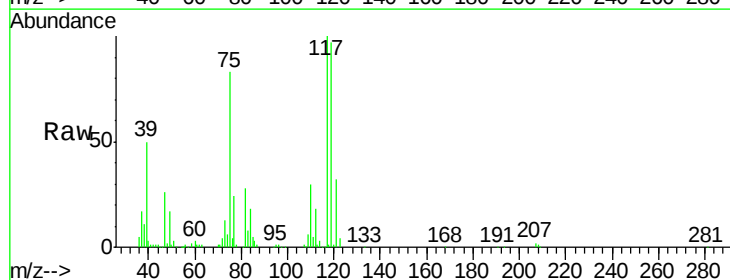
Manual Integrations
APPROVED

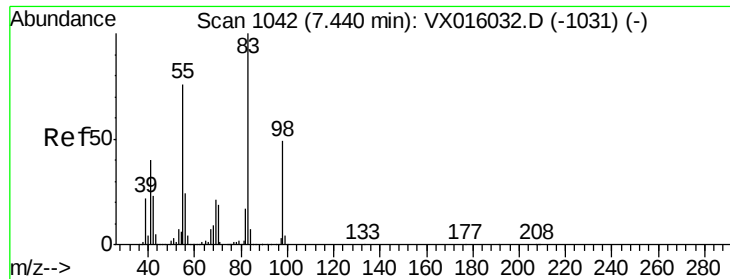
MMDadoda
5/5/2020 11:35:30 AM



#38
Carbon Tetrachloride
Concen: 18.234 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.9	80.3	120.5
121	32.0	25.7	38.5





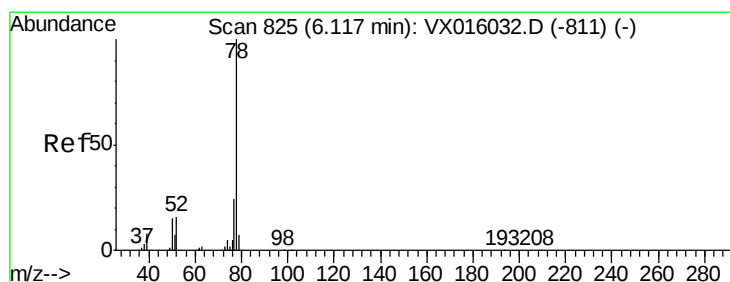
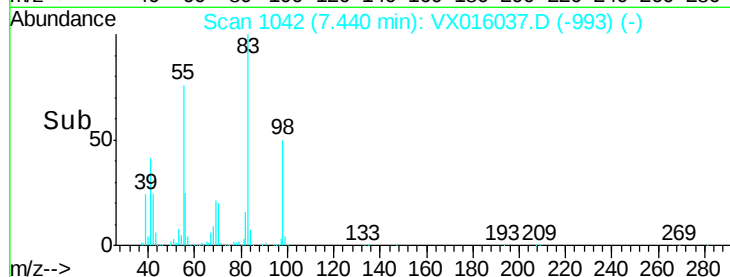
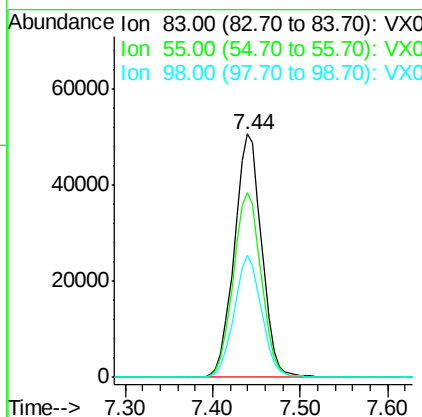
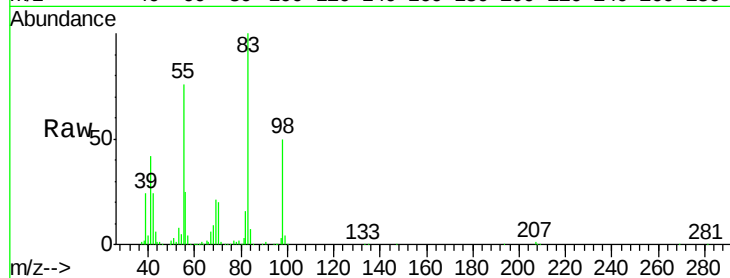
#39
Methvlcvclohexane
Concen: 18.097 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.1	61.1	91.7
98	50.4	39.0	58.4

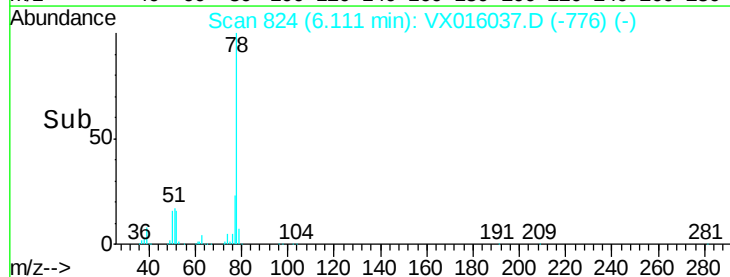
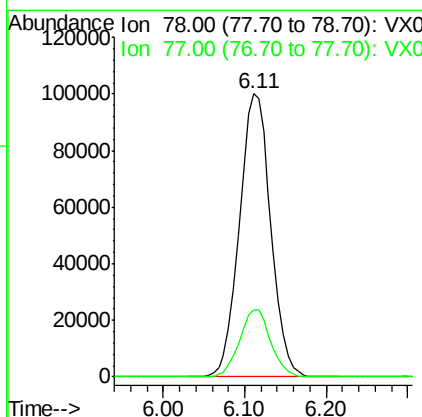
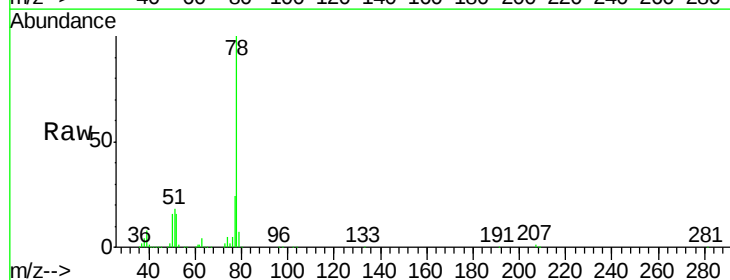
Manual Integrations
APPROVED

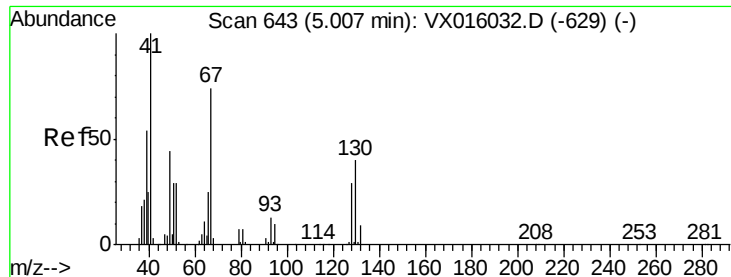
MMDadoda
5/5/2020 11:35:30 AM



#40
Benzene
Concen: 17.987 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.0	28.4





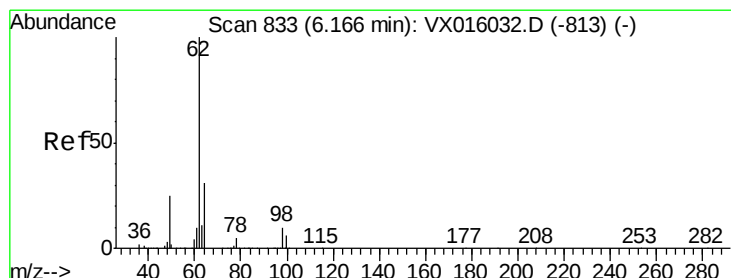
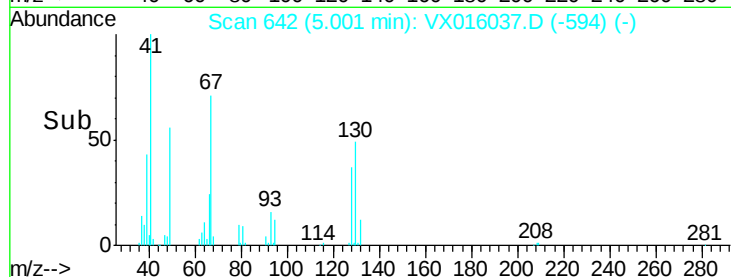
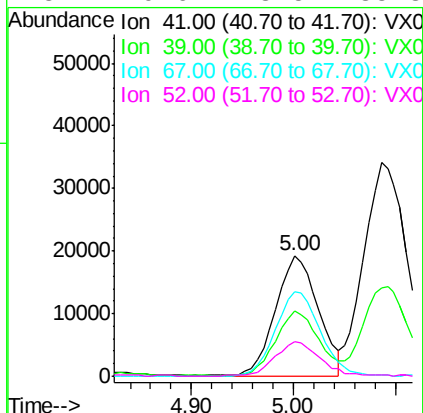
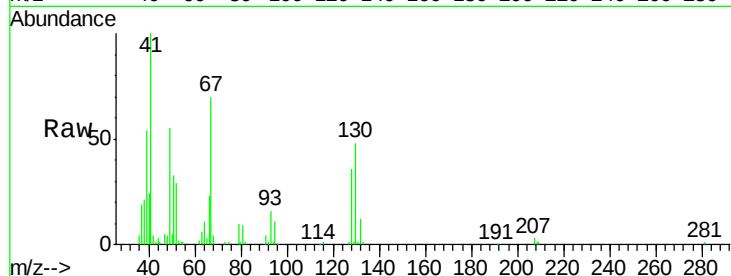
#41
Methacrylonitrile
Concen: 17.634 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

Tot Ion:	41	Resp:	55813
Ion	Ratio	Lower	Upper
41	100		
39	54.2	43.2	64.8
67	74.1	59.3	88.9
52	29.6	23.5	35.3

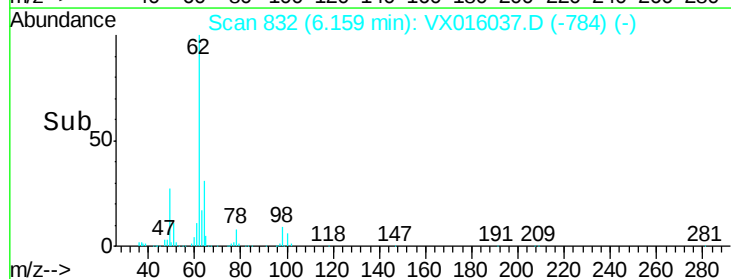
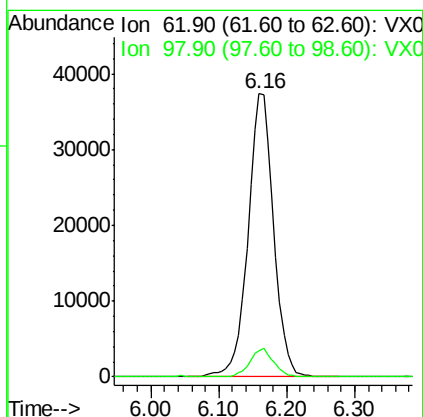
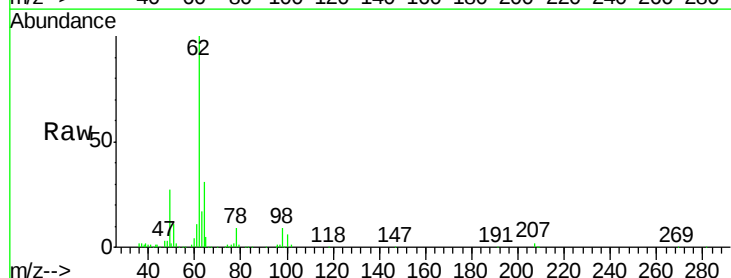
Manual Integrations
APPROVED

MMDadoda
5/5/2020 11:35:30 AM



#42
1,2-Dichloroethane
Concen: 18.322 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Tgt Ion:	62	Resp:	97656
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.4





#43

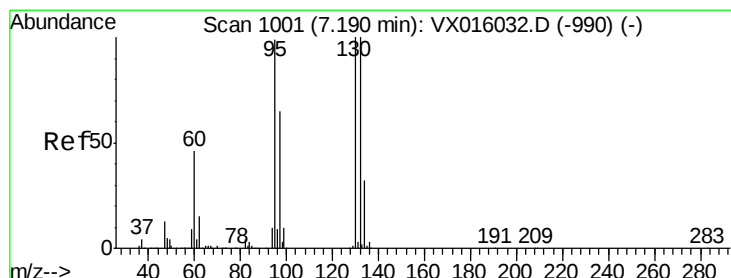
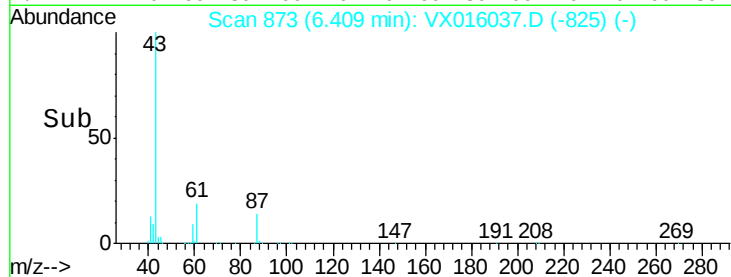
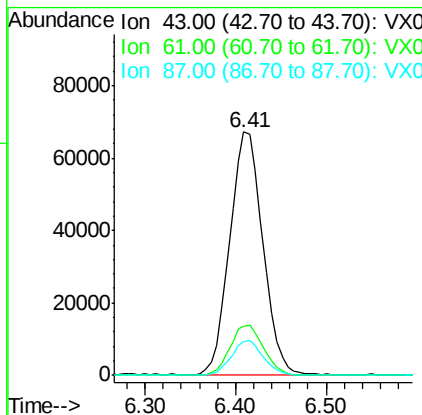
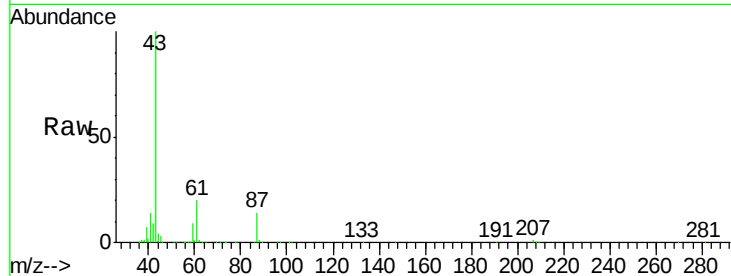
Isopropyl Acetate
 Concen: 18.136 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX016037.D
 Acq: 04 May 2020 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.1	17.0	25.4
87	13.9	11.0	16.6

Manual Integrations
 APPROVED

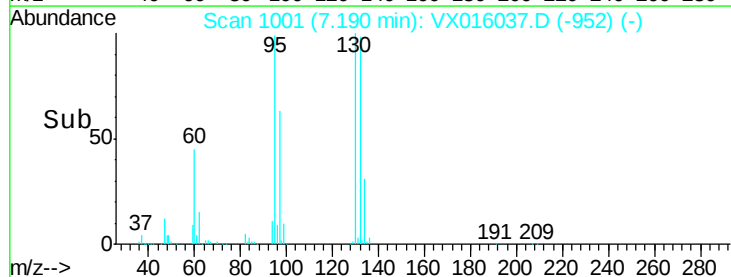
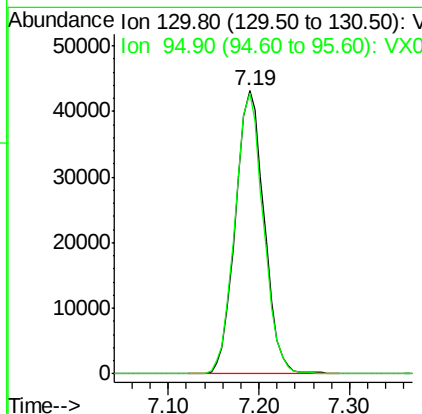
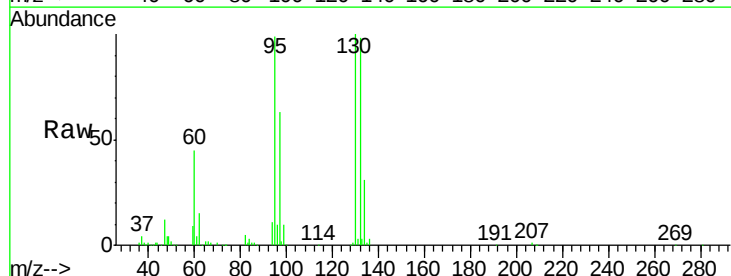
MMDadoda
 5/5/2020 11:35:30 AM

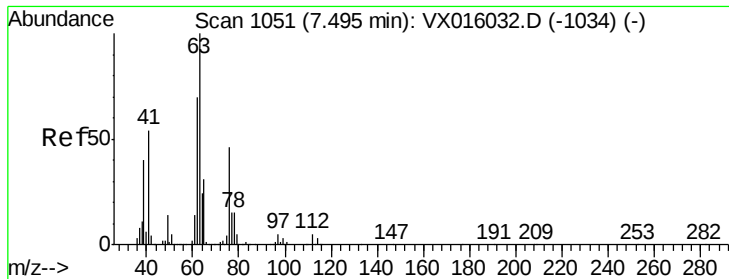


#44

Trichloroethene
 Concen: 18.083 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016037.D
 Acq: 04 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.3	0.0	197.4





#45

1,2-Dichloropropane

Concen: 18.119 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

ClientSampled :

VX0504WBS01

Tot Ion: 63 Resp: 67835

Ion Ratio Lower Upper

63 100

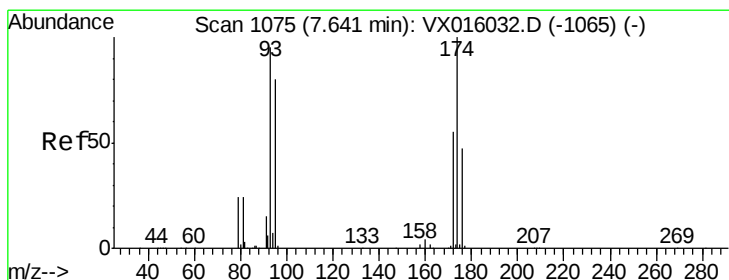
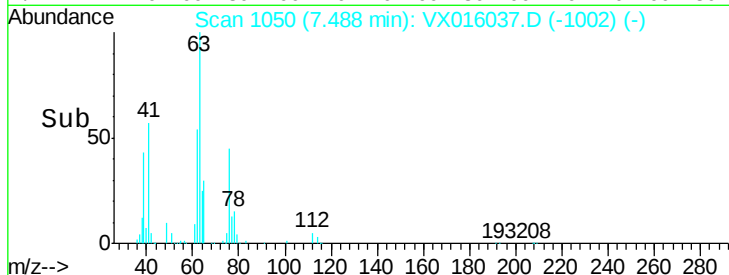
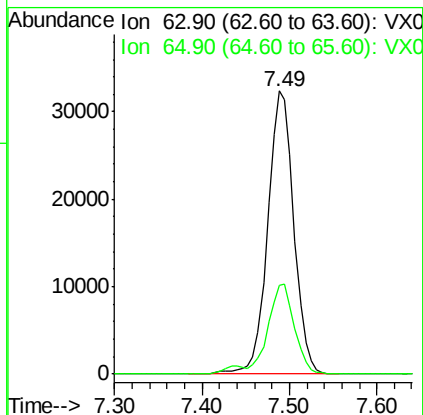
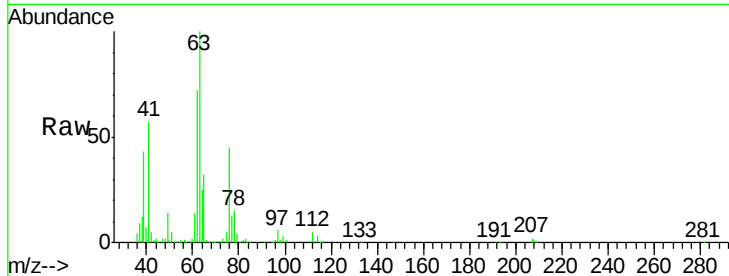
65 31.6 24.4 36.6

Manual Integrations

APPROVED

MMDadoda

5/5/2020 11:35:30 AM



#46

Dibromomethane

Concen: 17.878 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

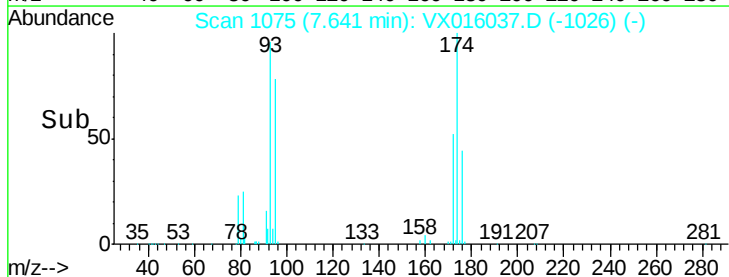
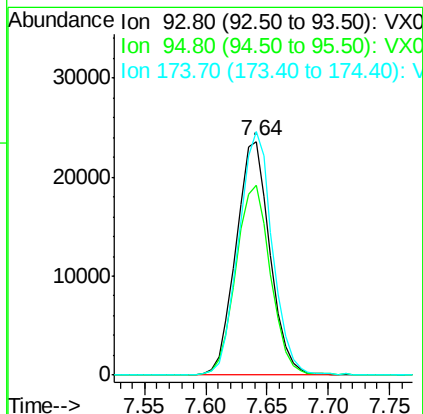
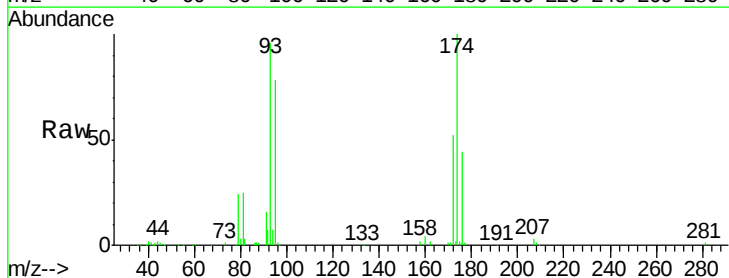
Tgt Ion: 93 Resp: 45485

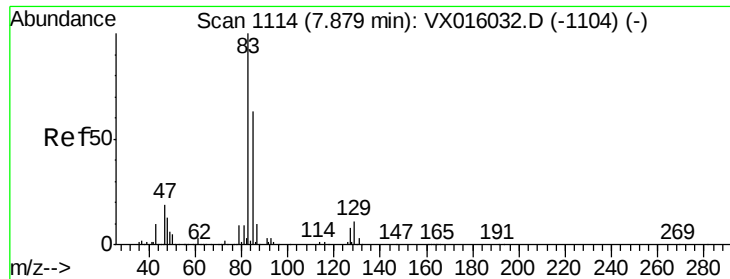
Ion Ratio Lower Upper

93 100

95 82.9 66.6 100.0

174 103.9 84.2 126.4





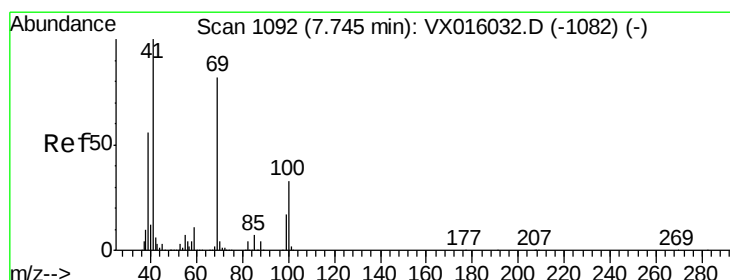
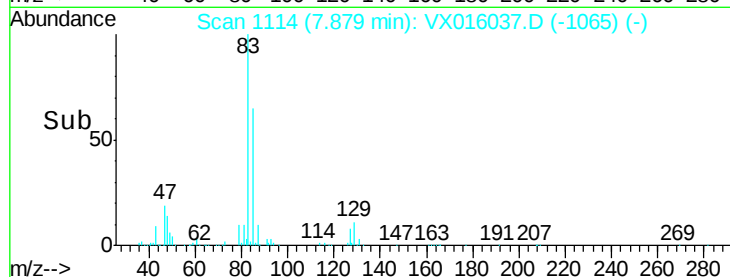
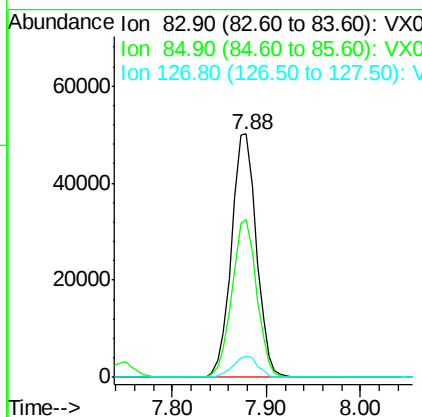
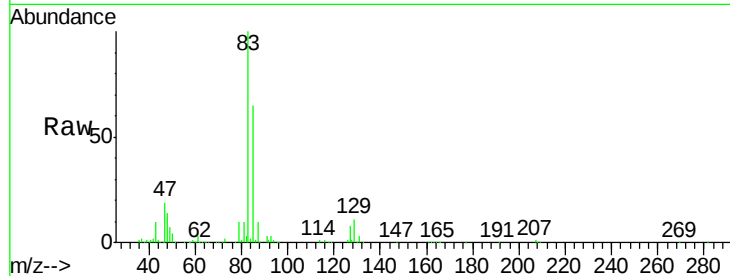
#47
 Bromodichloromethane
 Concen: 17.837 ug/l
 RT: 7.88 min Scan# 1114
 Delta R.T. -0.00 min
 Lab File: VX016037.D
 Acq: 04 May 2020 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	92425		
85	64.8		50.5	75.7
127	8.5		6.7	10.1

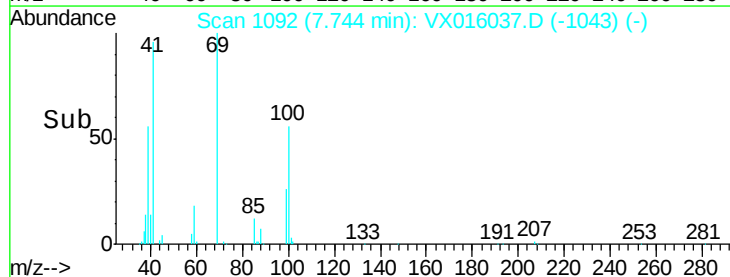
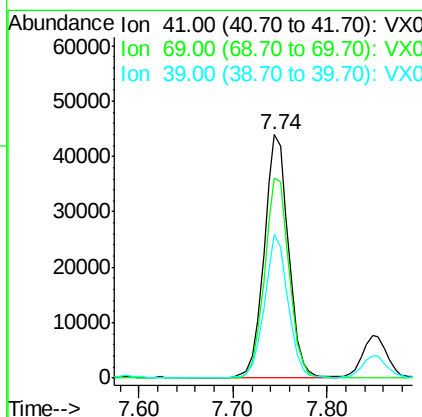
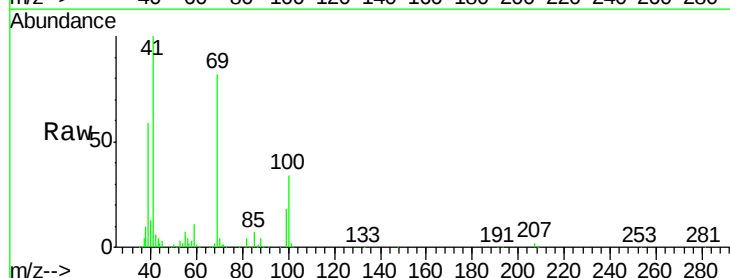
Manual Integrations
 APPROVED

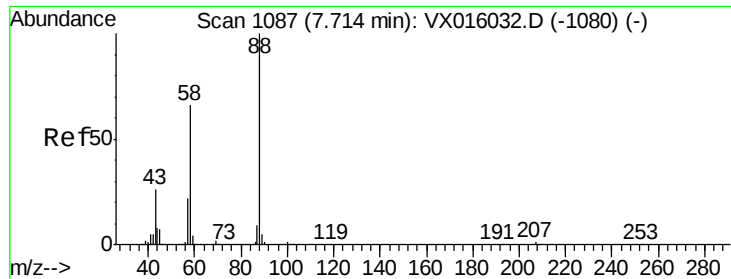
MMDadoda
 5/5/2020 11:35:30 AM



#48
 Methyl methacrylate
 Concen: 17.898 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: VX016037.D
 Acq: 04 May 2020 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	79306		
69	83.1		67.8	101.6
39	56.7		44.6	67.0





#49

1,4-Dioxane

Concen: 353.643 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

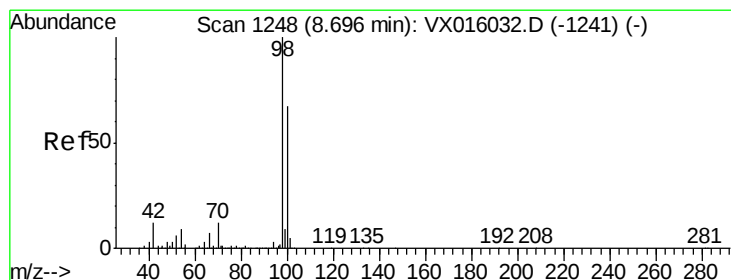
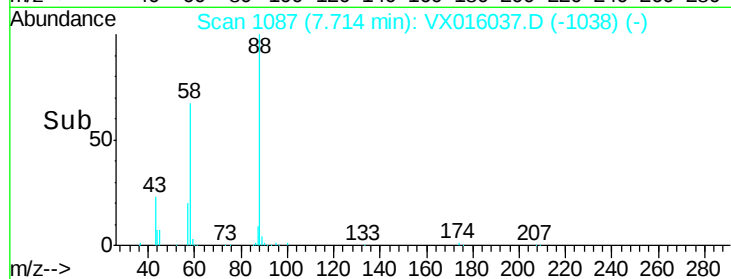
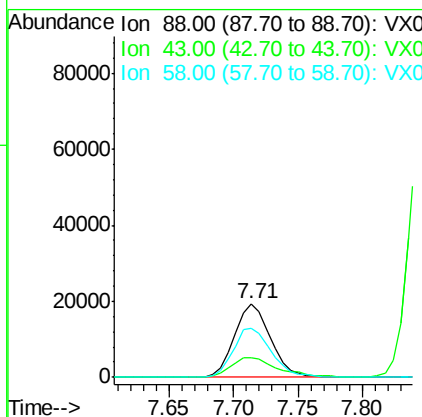
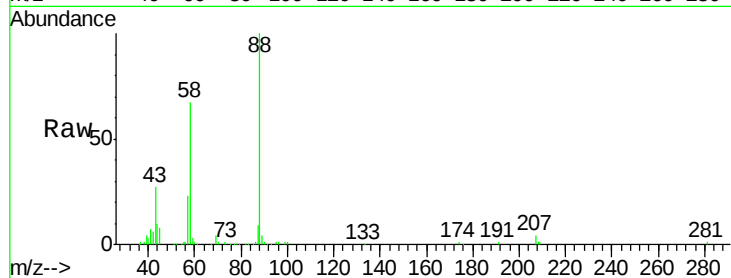
ClientSampleId :

VX0504WBS01

Tot Ion:	88	Resp:	37582
Ion	Ratio	Lower	Upper
88	100		
43	32.0	25.3	37.9
58	70.9	55.9	83.9

Manual Integrations
APPROVED

MMDadoda
5/5/2020 11:35:30 AM



#50

Toluene-d8

Concen: 46.115 ug/l

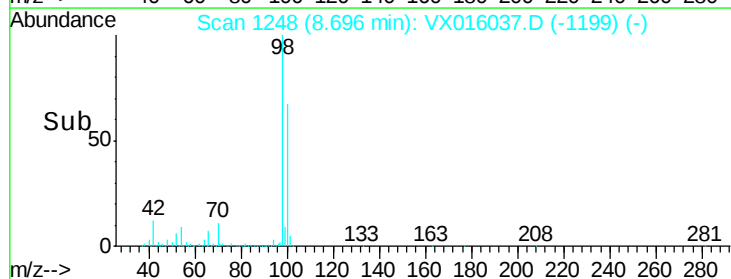
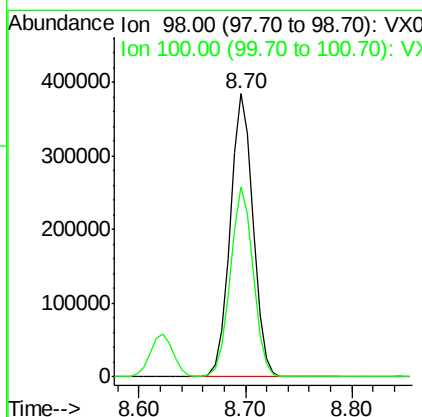
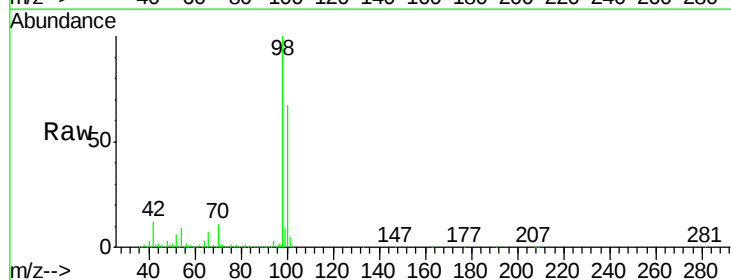
RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Tgt Ion:	98	Resp:	578277
Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.7	80.5





#51

4-Methyl-2-Pentanone

Concen: 90.572 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

ClientSampled :

VX0504WBS01

Tot Ion: 43 Resp: 518286

Ion Ratio Lower Upper

43 100

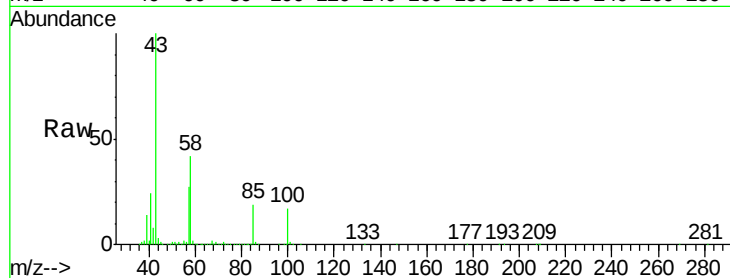
58 41.1 33.0 49.4

Manual Integrations

APPROVED

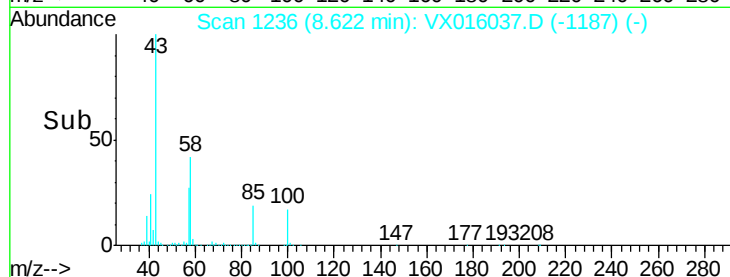
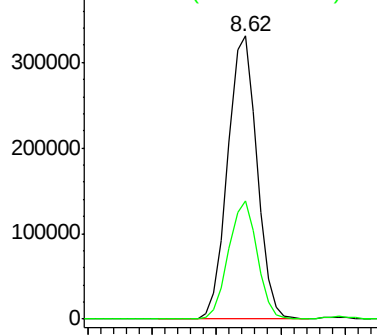
MMDadoda

5/5/2020 11:35:30 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 18.379 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016037.D

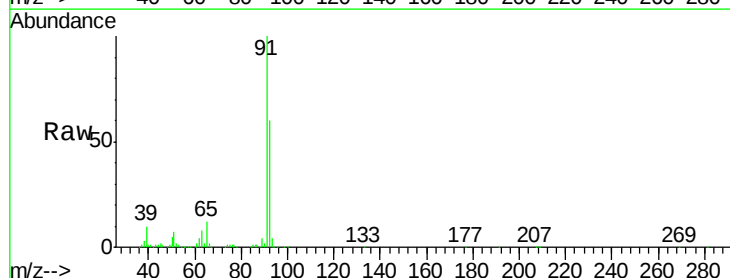
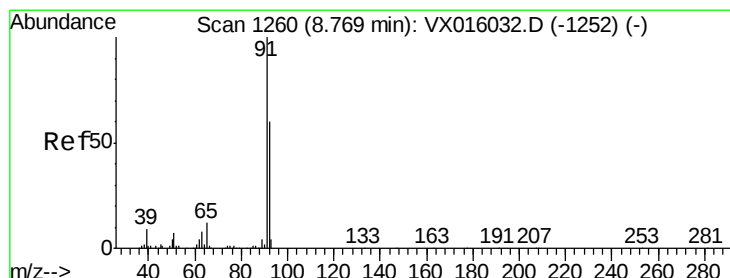
Acq: 04 May 2020 15:48

Tgt Ion: 92 Resp: 169495

Ion Ratio Lower Upper

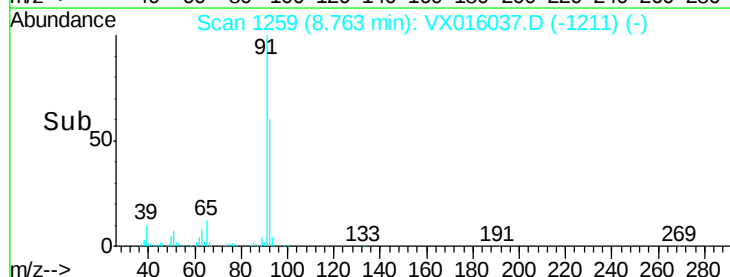
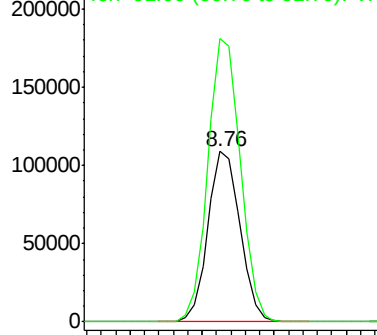
92 100

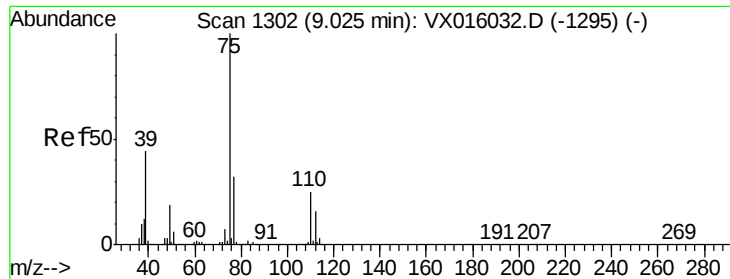
91 167.5 134.5 201.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





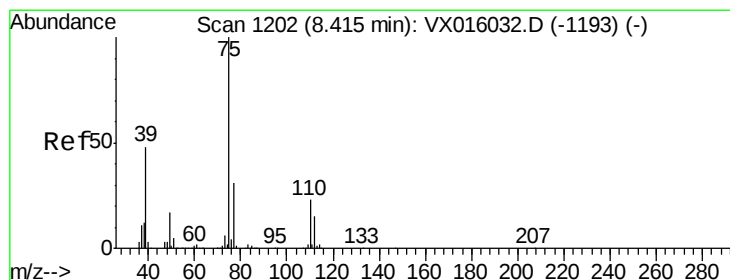
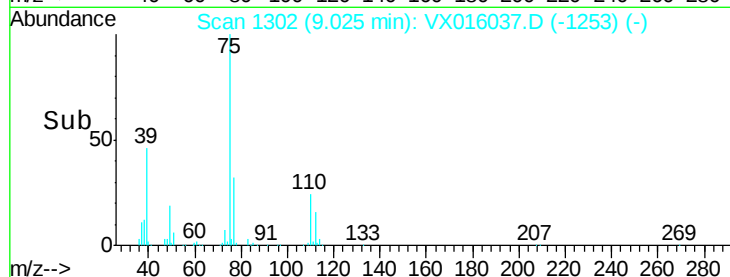
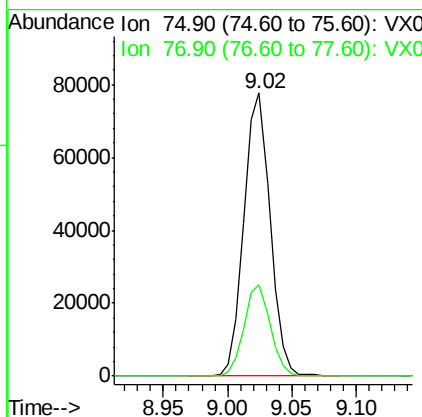
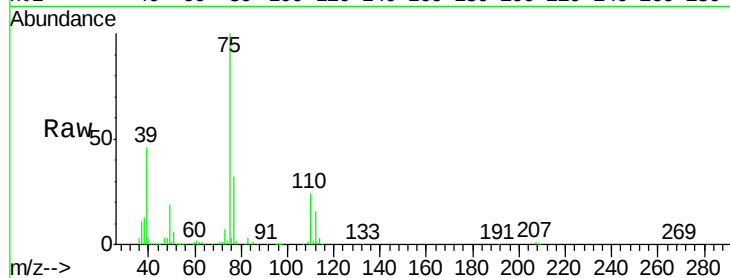
#53
t-1,3-Dichloropropene
Concen: 17.701 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.7	38.5

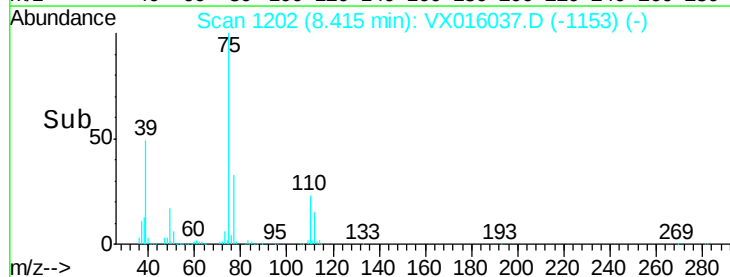
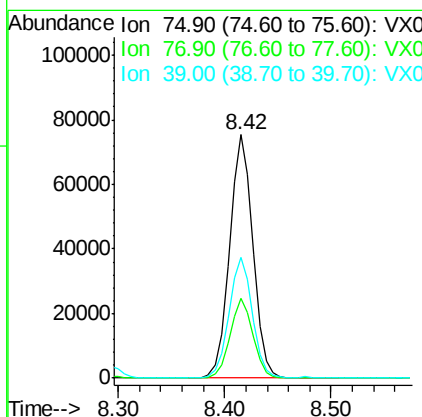
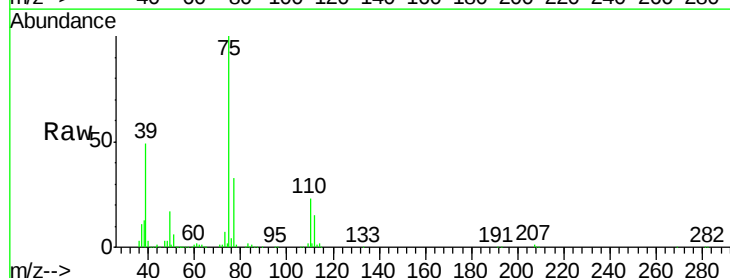
Manual Integrations
APPROVED

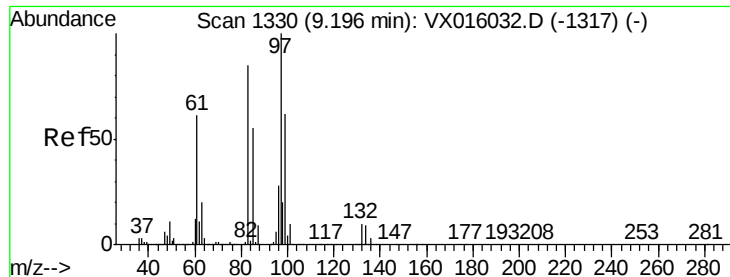
MMDadoda
5/5/2020 11:35:30 AM



#54
cis-1,3-Dichloropropene
Concen: 17.877 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.5	24.7	37.1
39	49.2	38.7	58.1





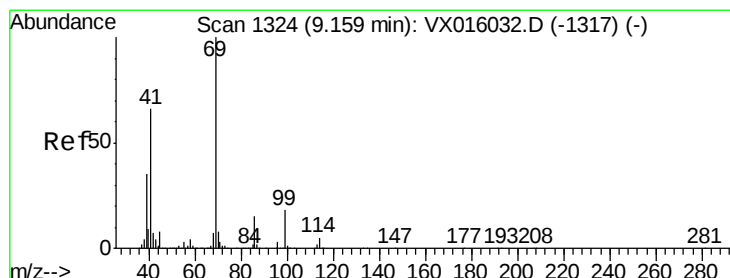
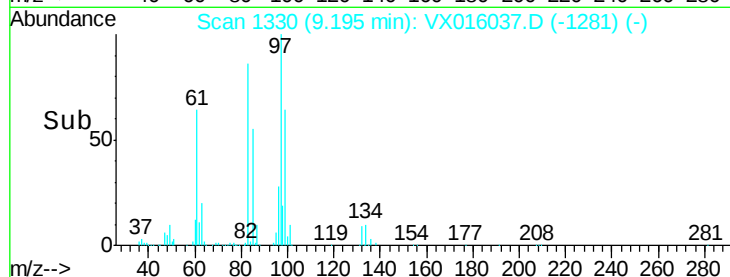
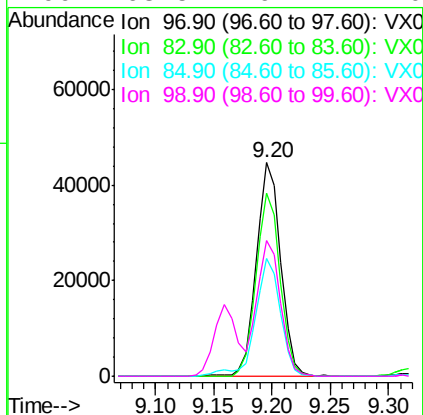
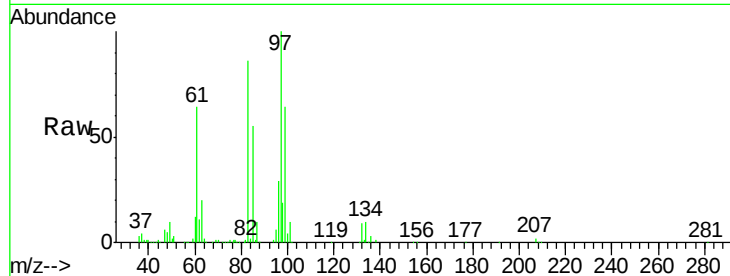
#55
 1,1,2-Trichloroethane
 Concen: 18.001 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016037.D
 Acq: 04 May 2020 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBS01

Tot Ion:	97	Resp:	65316
Ion	Ratio	Lower	Upper
97	100		
83	85.7	67.8	101.8
85	55.2	43.8	65.8
99	63.5	49.4	74.0

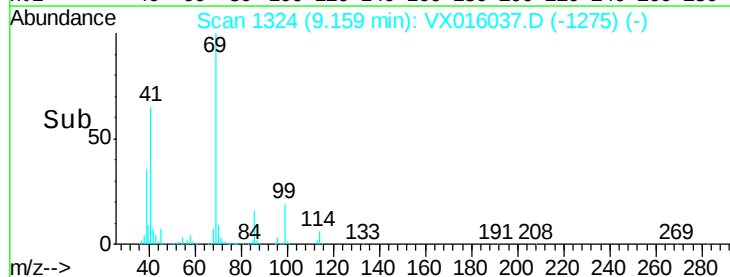
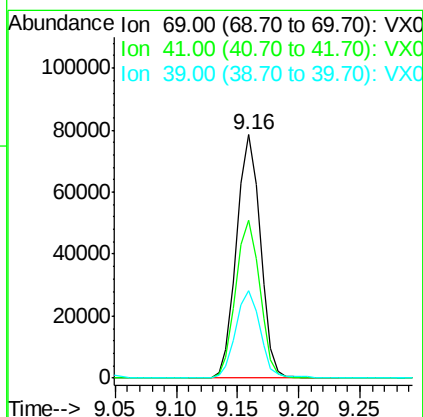
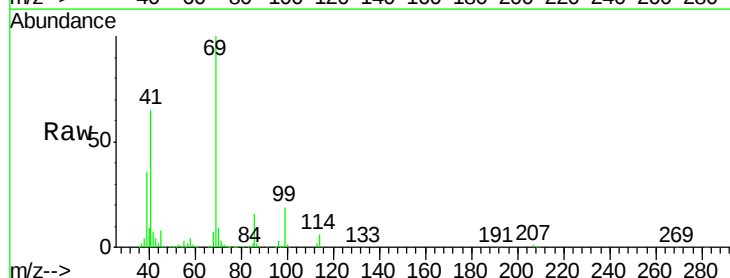
Manual Integrations
 APPROVED

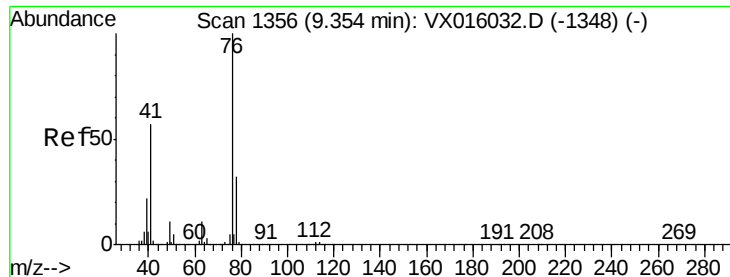
MMDadoda
 5/5/2020 11:35:30 AM



#56
 Ethyl methacrylate
 Concen: 17.916 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016037.D
 Acq: 04 May 2020 15:48

Tgt Ion:	69	Resp:	106114
Ion	Ratio	Lower	Upper
69	100		
41	65.2	52.2	78.4
39	36.3	28.2	42.4





#57

1,3-Dichloropropane

Concen: 17.960 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBS01

Tot Ion: 76 Resp: 113709

Ion Ratio Lower Upper

76 100

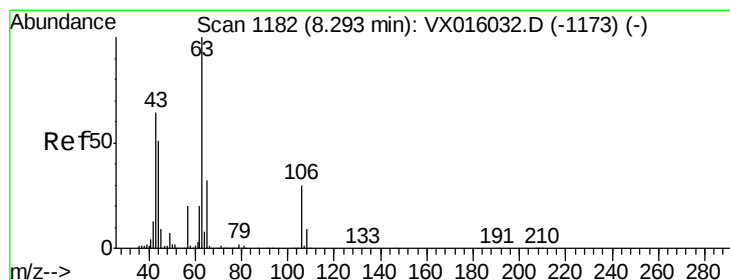
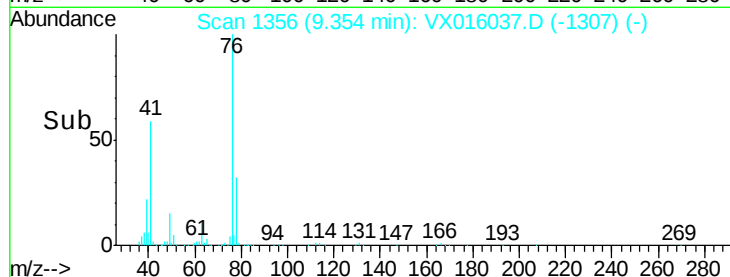
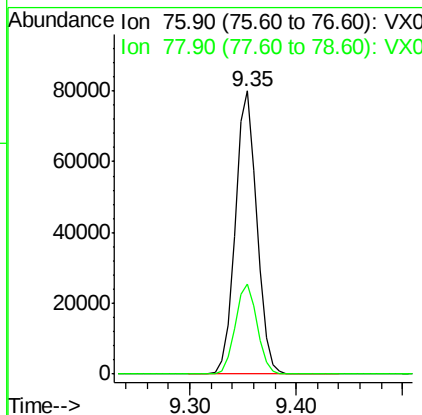
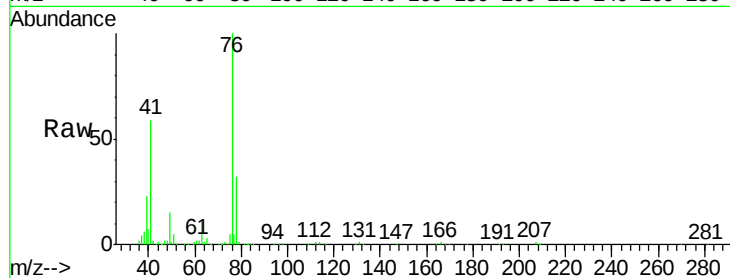
78 32.5 25.9 38.9

Manual Integrations

APPROVED

MMDadoda

5/5/2020 11:35:30 AM



#58

2-Chloroethyl Vinyl ether

Concen: 91.056 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016037.D

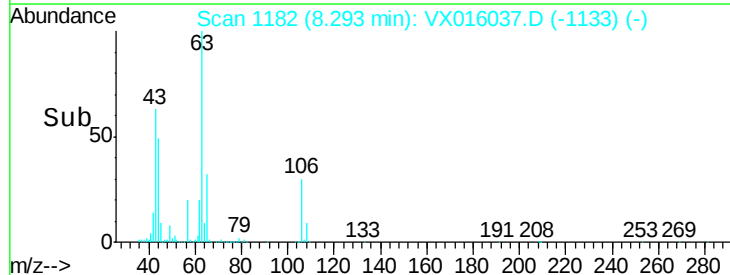
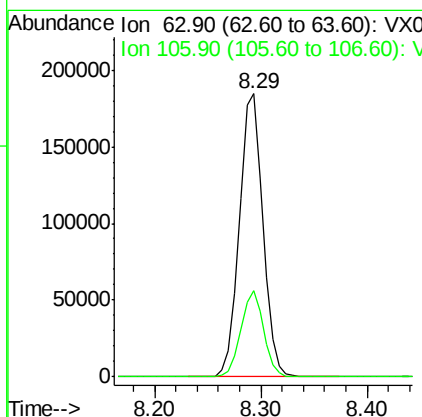
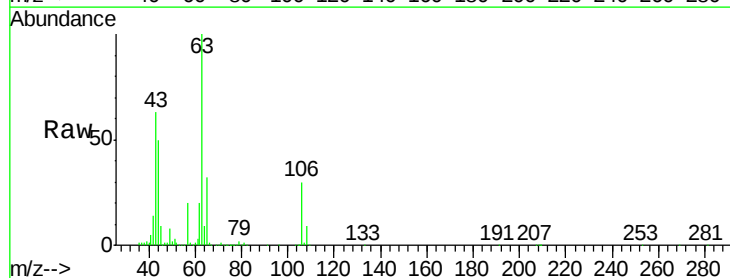
Acq: 04 May 2020 15:48

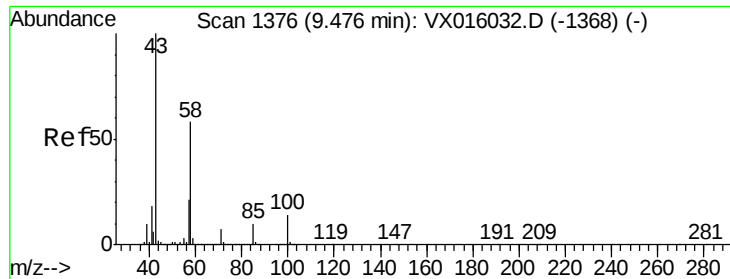
Tgt Ion: 63 Resp: 287110

Ion Ratio Lower Upper

63 100

106 29.4 23.4 35.2





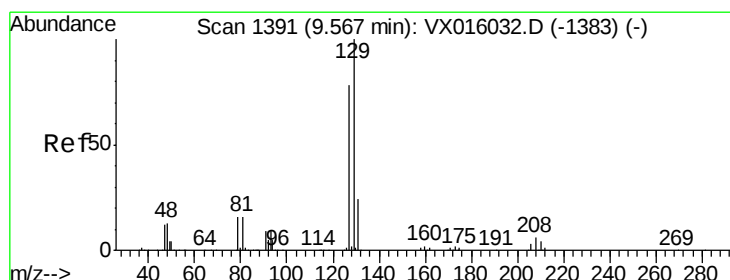
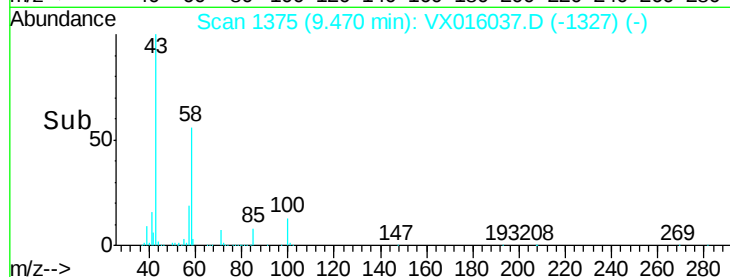
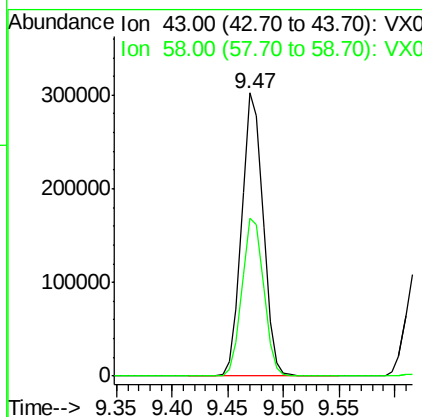
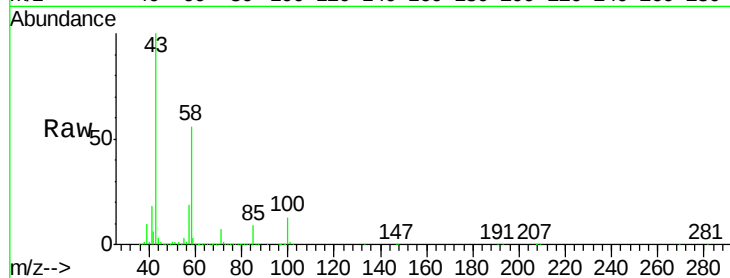
#59
2-Hexanone
Concen: 89.864 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

Tot Ion: 43 Resp: 403844
Ion Ratio Lower Upper
43 100
58 56.8 28.6 85.9

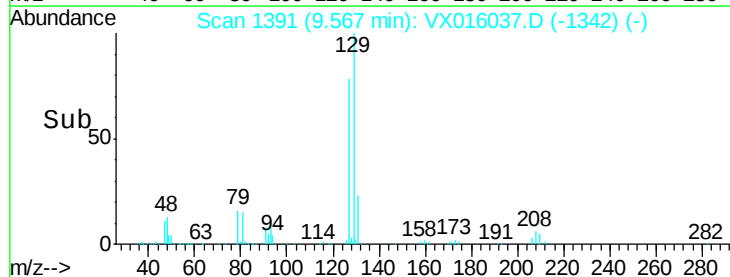
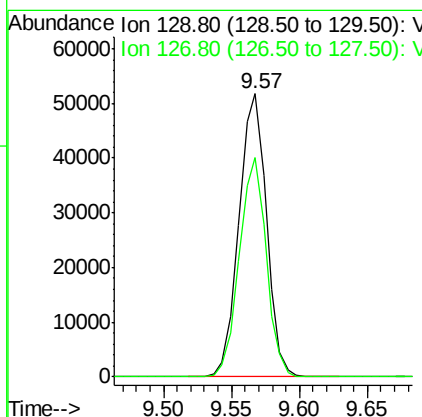
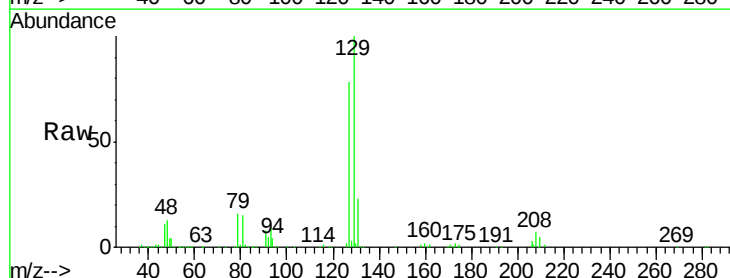
Manual Integrations
APPROVED

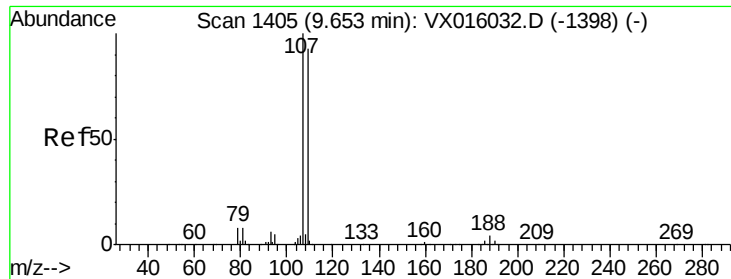
MMDadoda
5/5/2020 11:35:30 AM



#60
Dibromochloromethane
Concen: 18.309 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Tgt Ion: 129 Resp: 73164
Ion Ratio Lower Upper
129 100
127 76.0 38.4 115.2





#61

1,2-Dibromoethane

Concen: 18.074 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBS01

Tot Ion: 107 Resp: 71035

Ion Ratio Lower Upper

107 100

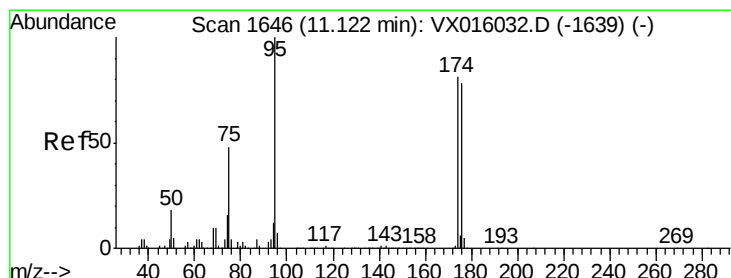
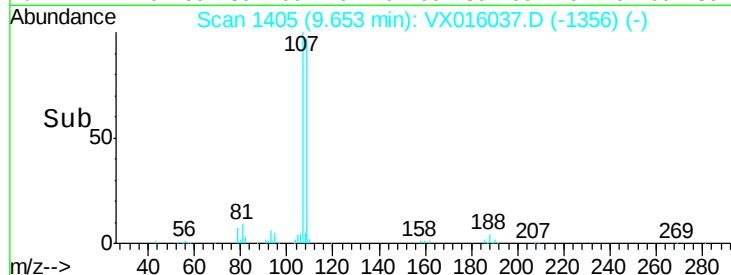
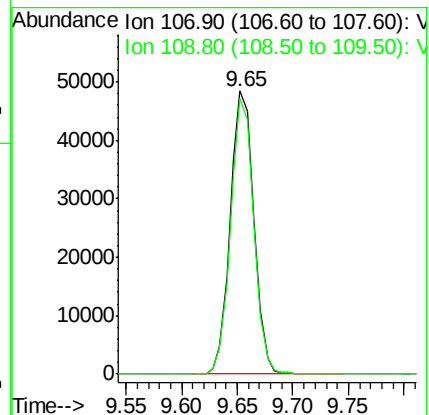
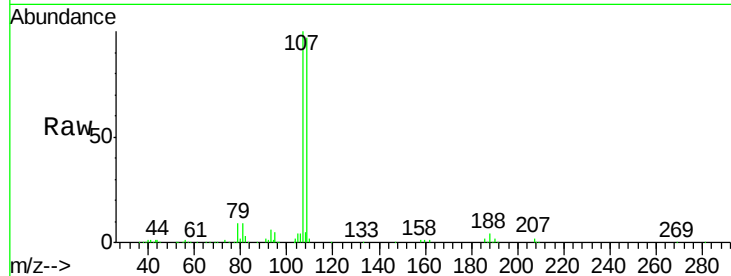
109 95.3 74.9 112.3

Manual Integrations

APPROVED

MMDadoda

5/5/2020 11:35:30 AM



#62

4-Bromofluorobenzene

Concen: 45.772 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

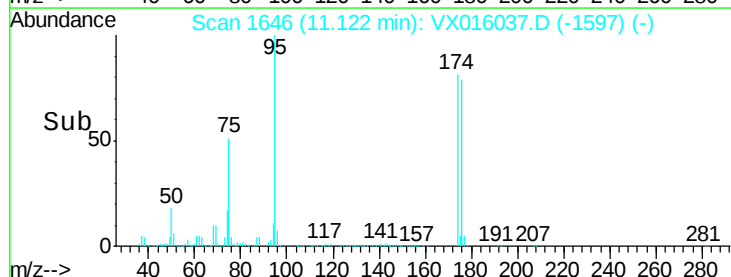
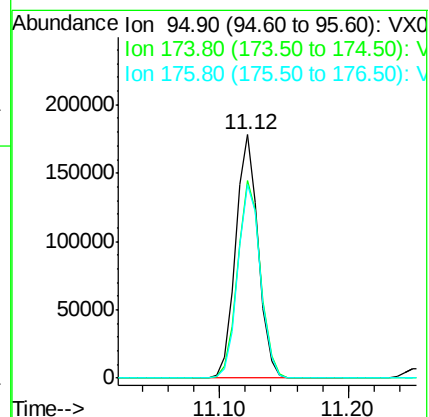
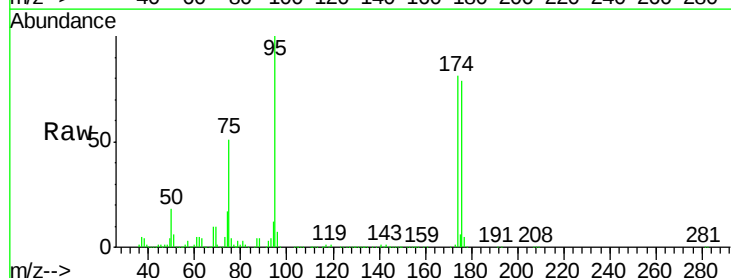
Tgt Ion: 95 Resp: 218314

Ion Ratio Lower Upper

95 100

174 82.0 0.0 159.4

176 79.9 0.0 157.6





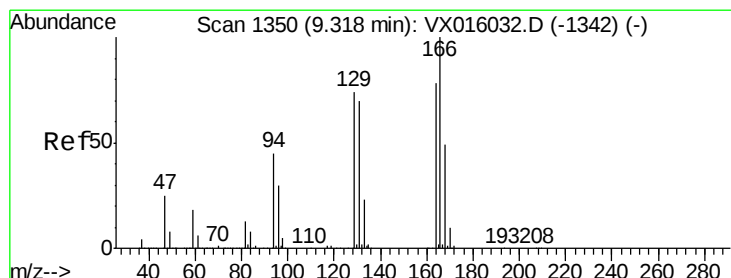
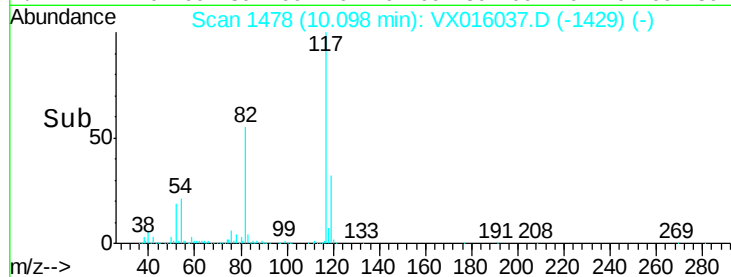
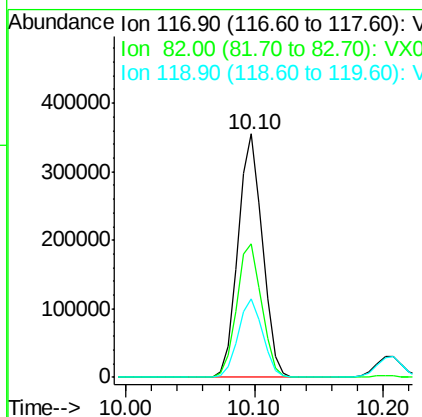
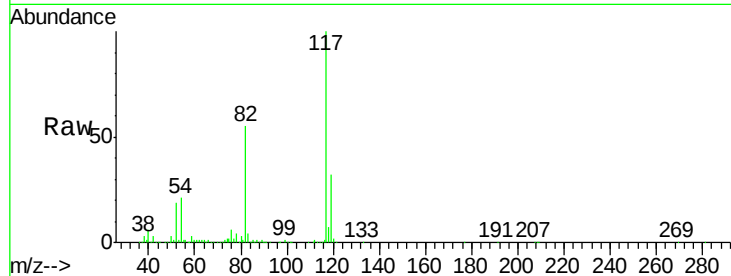
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	466812		
82	54.7		44.4	66.6
119	32.2		25.5	38.3

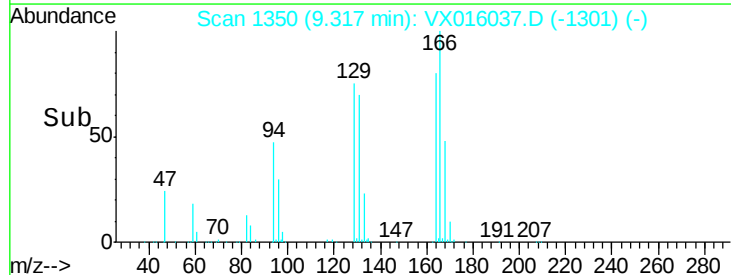
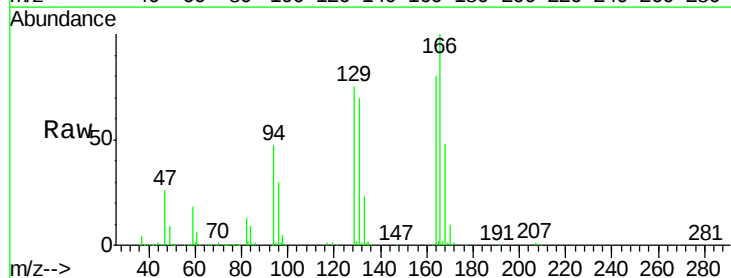
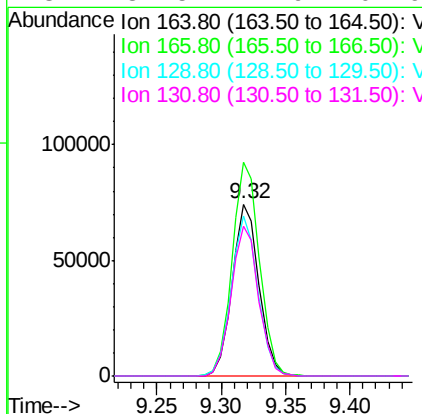
Manual Integrations
APPROVED

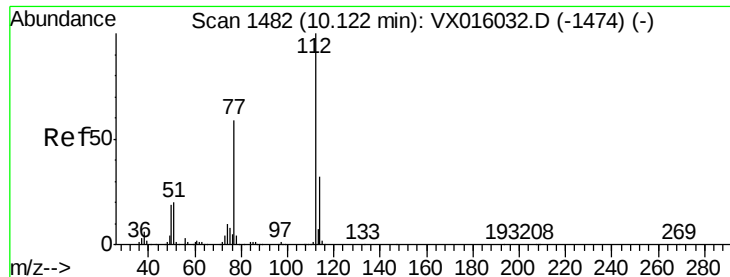
MMDadoda
5/5/2020 11:35:30 AM



#64
Tetrachloroethene
Concen: 18.657 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	106918		
166	124.3		102.9	154.3
129	93.0		76.1	114.1
131	87.5		71.9	107.9





#65

Chlorobenzene

Concen: 18.163 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBS01

Tot Ion:112 Resp: 177538

Ion Ratio Lower Upper

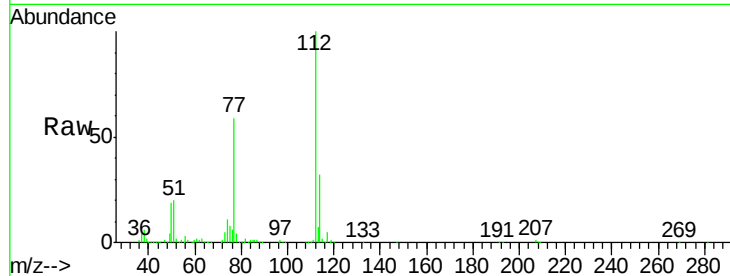
112 100

114 32.4 25.7 38.5

Manual Integrations
APPROVED

MMDadoda

5/5/2020 11:35:30 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

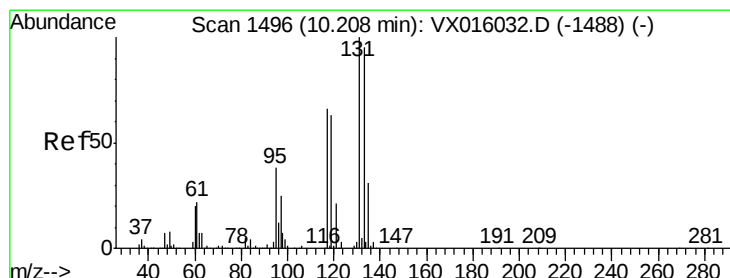
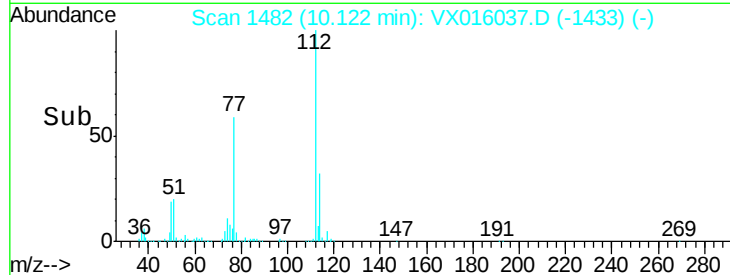
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 18.248 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

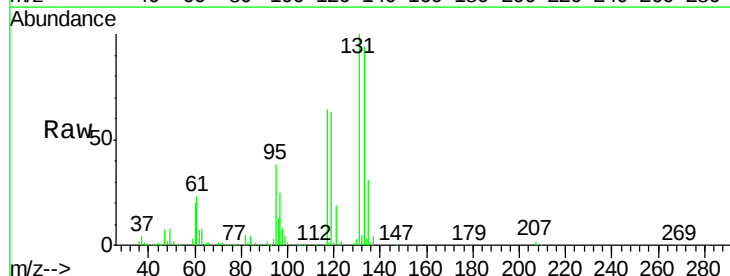
Tgt Ion:131 Resp: 65926

Ion Ratio Lower Upper

131 100

133 96.7 48.3 144.8

119 64.7 32.3 96.9



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

100000

80000

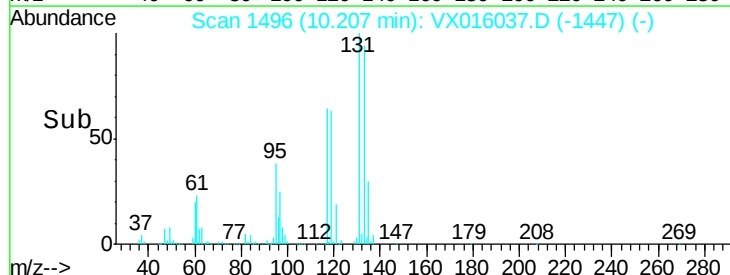
60000

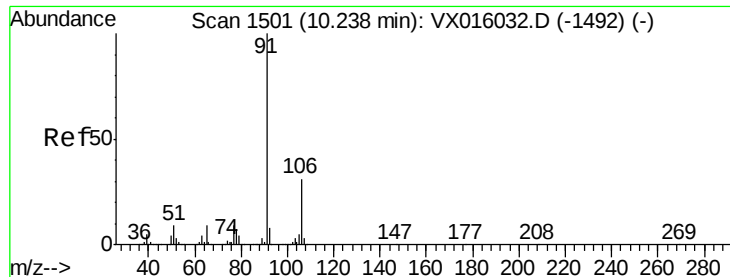
40000

20000

0

Time-->





#67

Ethyl Benzene

Concen: 18.389 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX0504WBS01

Tot Ion: 91 Resp: 320711

Ion Ratio Lower Upper

91 100

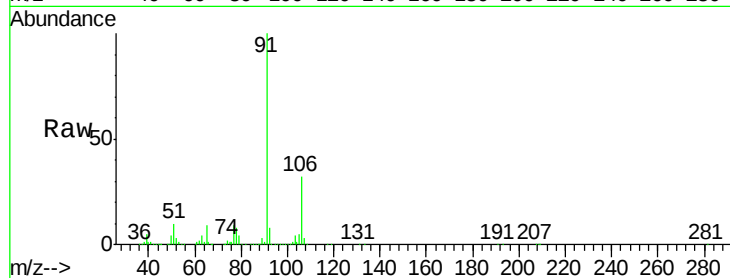
106 32.2 25.1 37.7

Manual Integrations

APPROVED

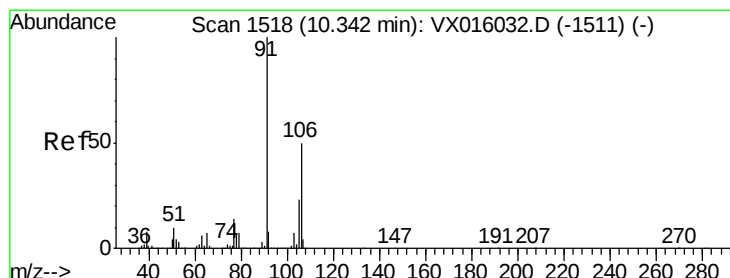
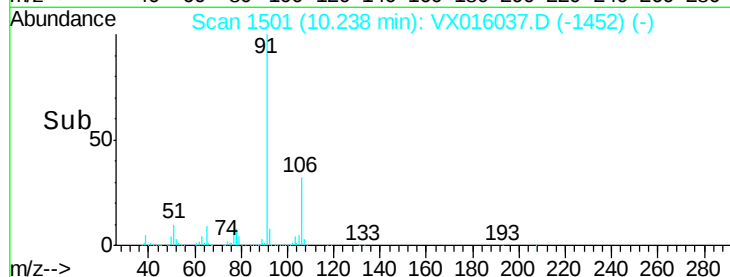
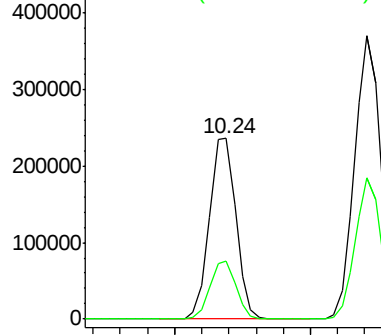
MMDadoda

5/5/2020 11:35:30 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 37.372 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016037.D

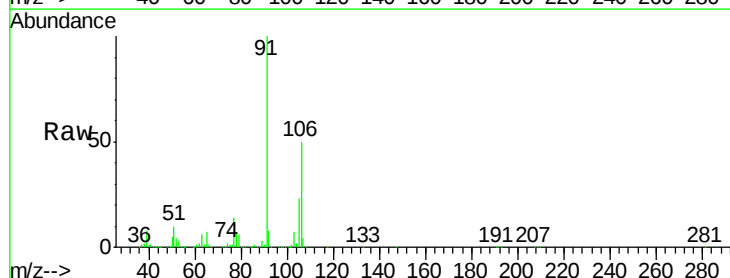
Acq: 04 May 2020 15:48

Tgt Ion: 106 Resp: 244196

Ion Ratio Lower Upper

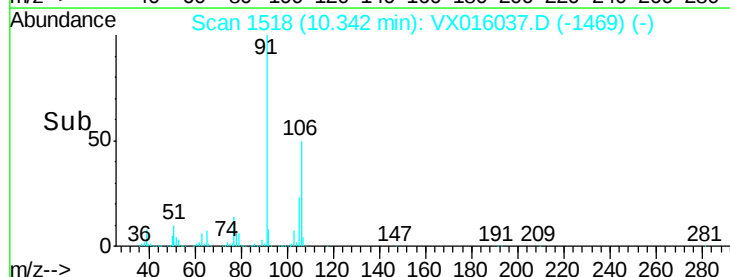
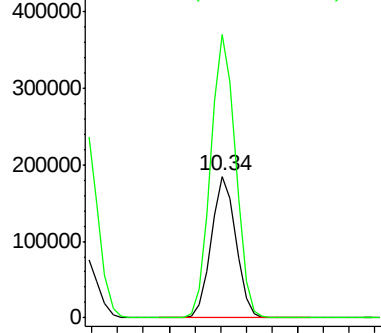
106 100

91 202.2 161.7 242.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





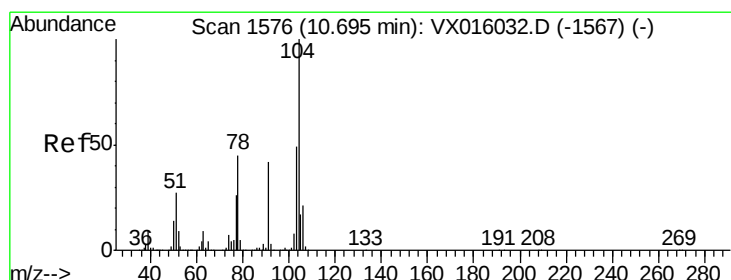
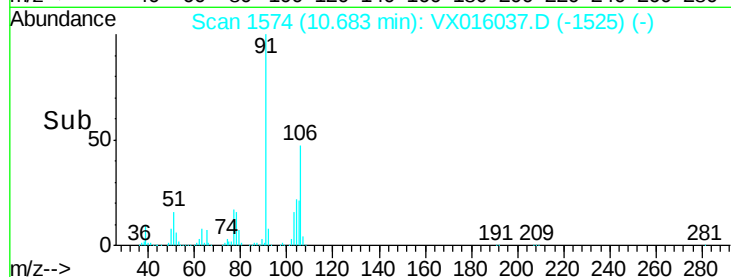
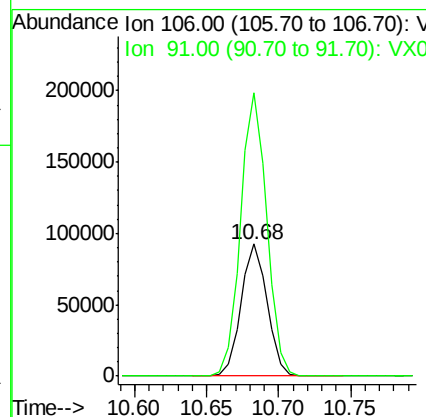
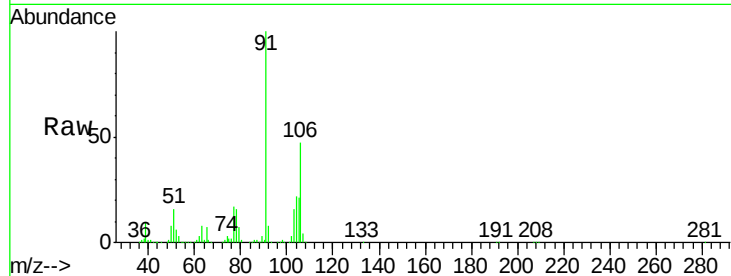
#69
o-Xylene
Concen: 18.607 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Instrument :
MSVOA_X
ClientSampled :
VX0504WBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	116868		
91	214.4	107.5	322.6	

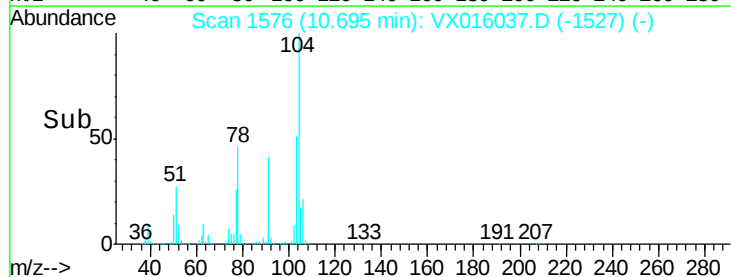
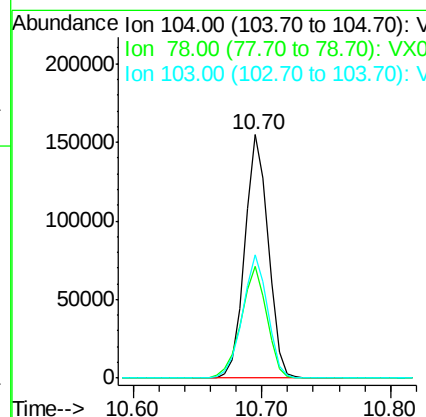
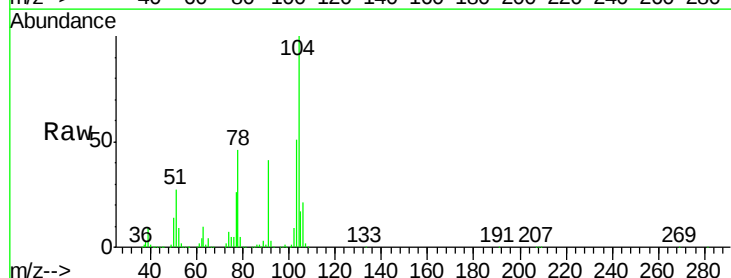
Manual Integrations
APPROVED

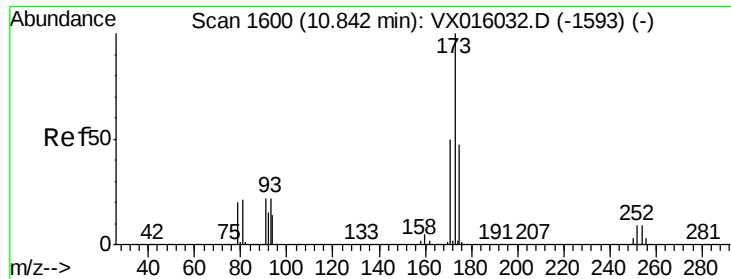
MMDadoda
5/5/2020 11:35:30 AM



#70
Styrene
Concen: 18.253 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	194496		
78	50.6	40.2	60.2	
103	54.9	43.0	64.6	





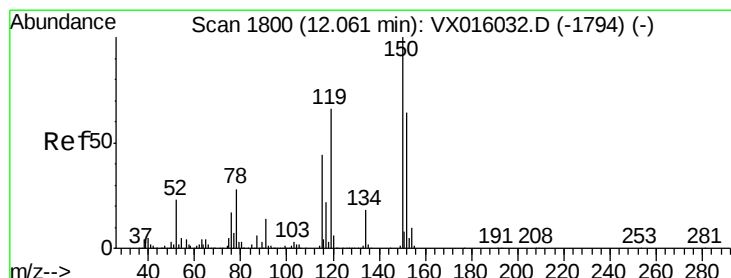
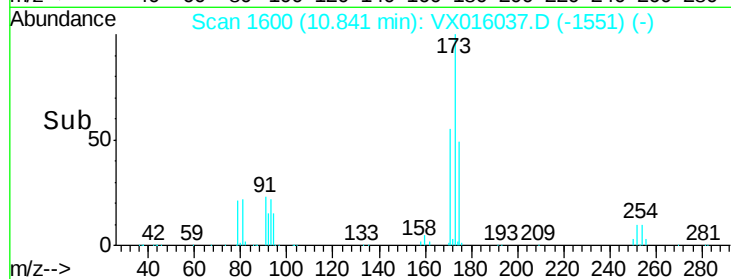
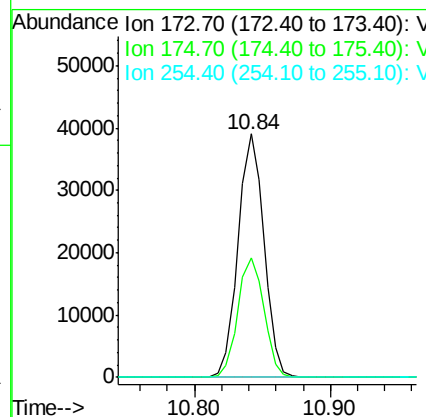
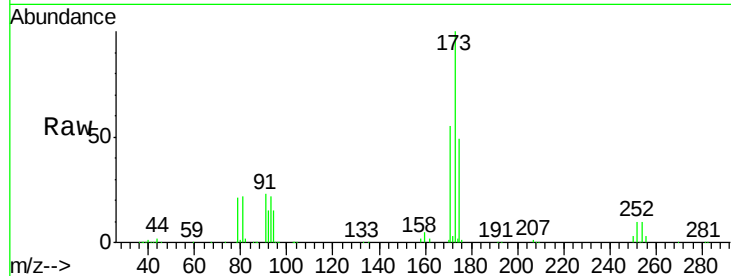
#71
Bromoform
Concen: 17.562 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	24.0	72.0
254	0.1	0.1	0.1

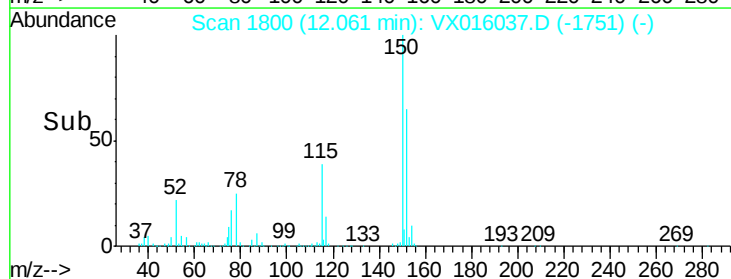
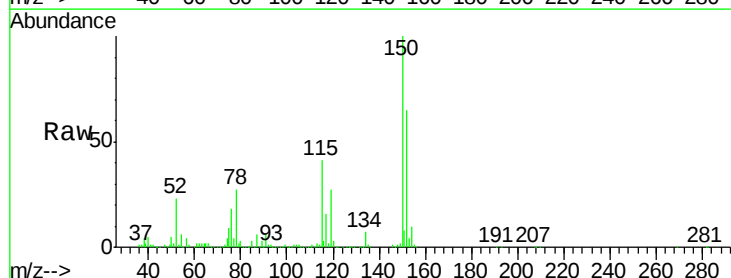
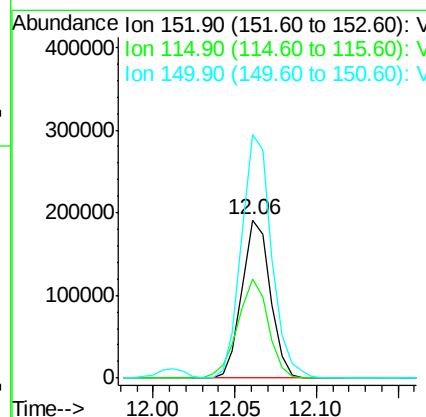
Manual Integrations
APPROVED

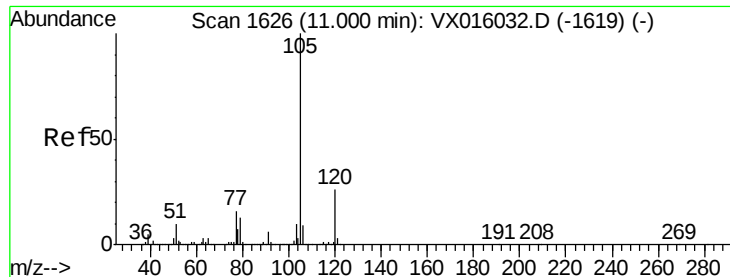
MMDadoda
5/5/2020 11:35:30 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	67.2	41.3	124.1
150	163.1	0.0	352.2





#73

Isopropylbenzene

Concen: 18.478 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

ClientSampled :

VX0504WBS01

Tot Ion: 105 Resp: 312877

Ion Ratio Lower Upper

105 100

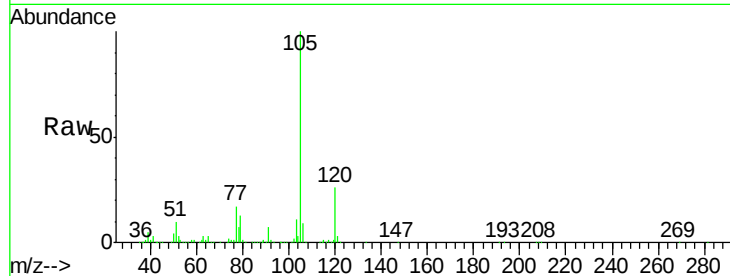
120 27.0 13.4 40.2

Manual Integrations

APPROVED

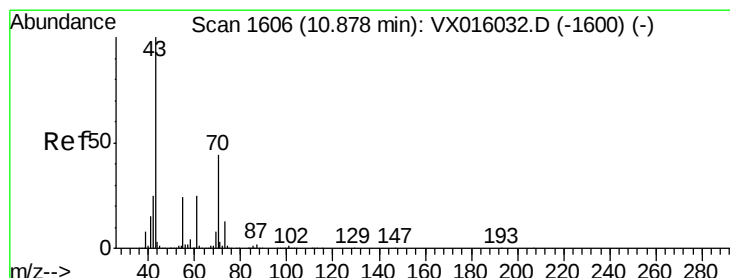
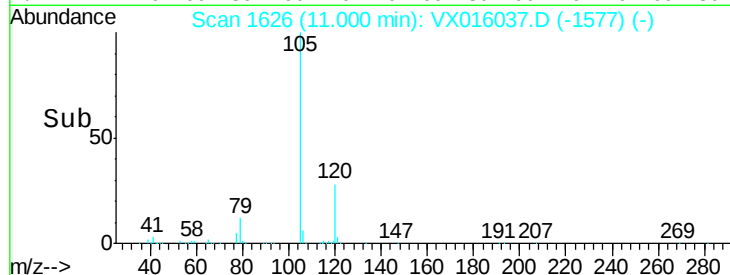
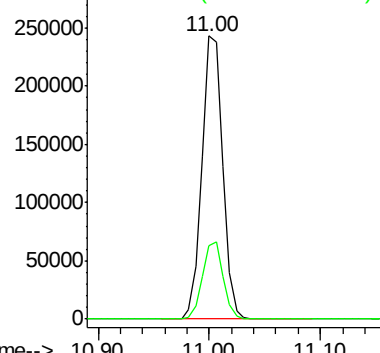
MMDadoda

5/5/2020 11:35:30 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.106 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Tgt Ion: 43 Resp: 142998

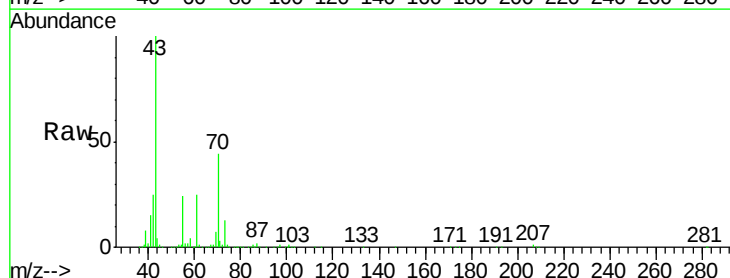
Ion Ratio Lower Upper

43 100

70 45.0 36.5 54.7

55 25.2 19.7 29.5

61 25.8 20.9 31.3

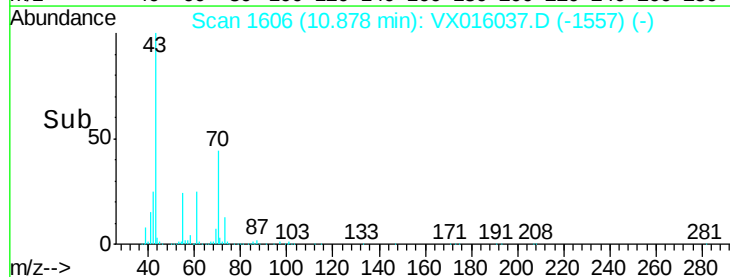
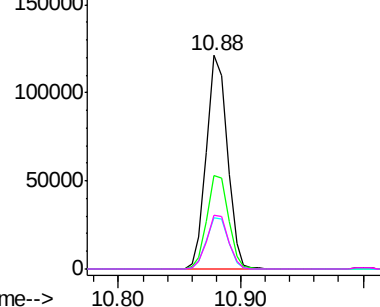


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.237 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

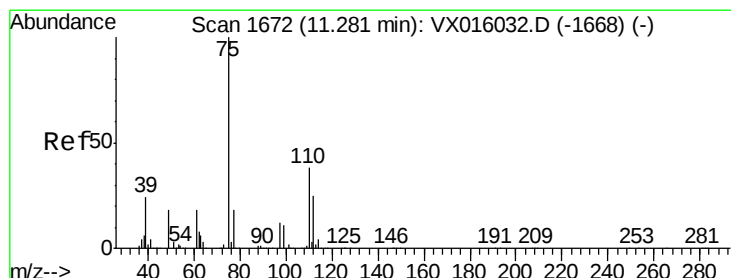
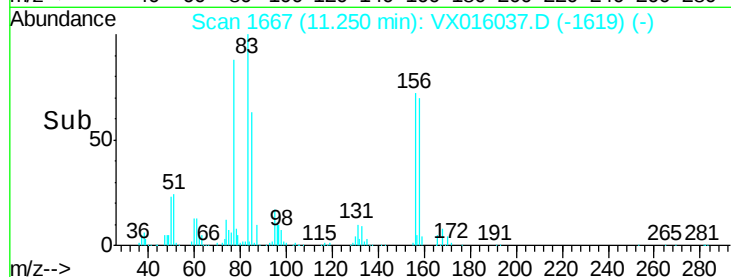
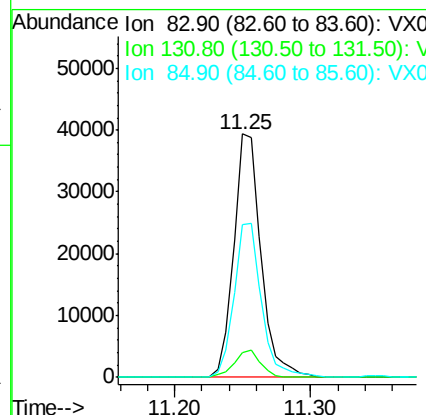
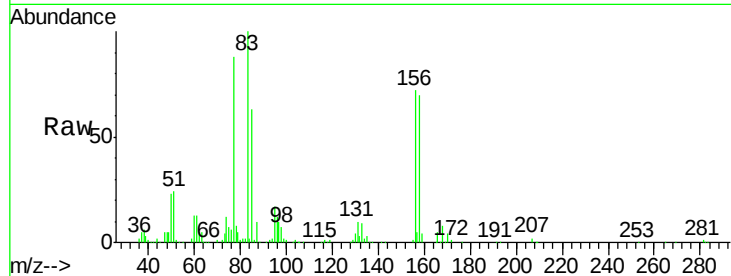
ClientSampled :

VX0504WBS01

Tot Ion:	83	Resp:	54753
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.1	15.4
85	63.7	32.0	96.0

Manual Integrations
APPROVED

MMDadoda
5/5/2020 11:35:30 AM



#76

1,2,3-Trichloropropane

Concen: 18.158 ug/l m

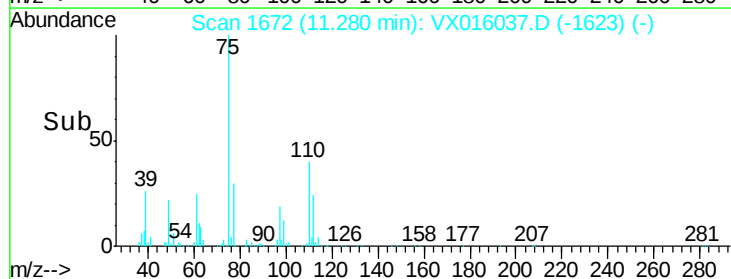
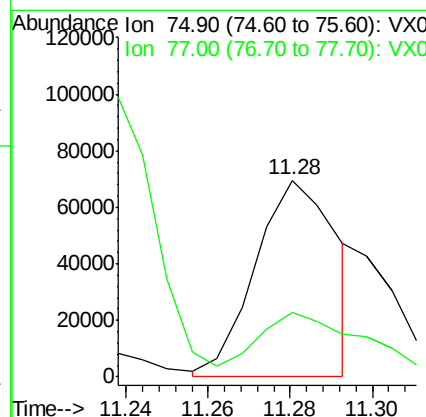
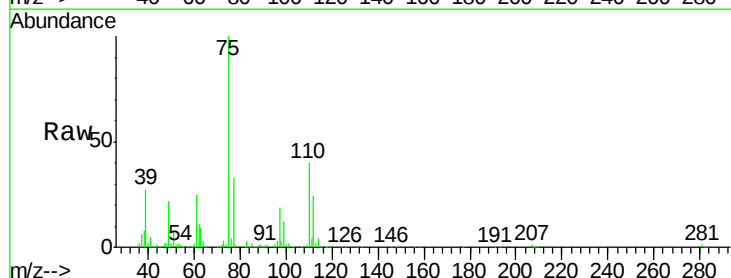
RT: 11.28 min Scan# 1672

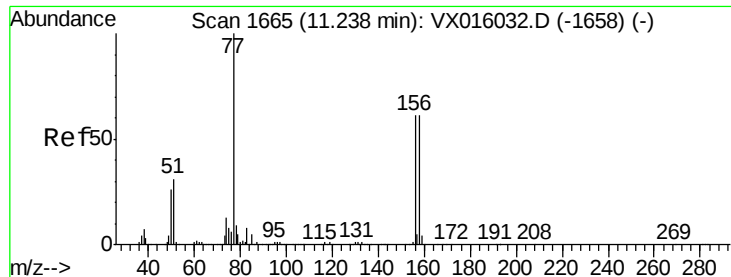
Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Tgt Ion:	75	Resp:	95924
Ion Ratio	Lower	Upper	
75	100		
77	42.9	21.2	63.6





#77

Bromobenzene

Concen: 17.837 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

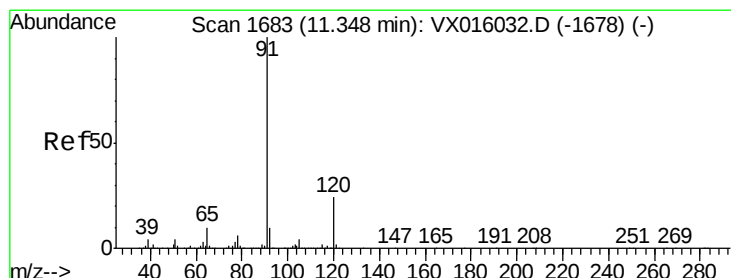
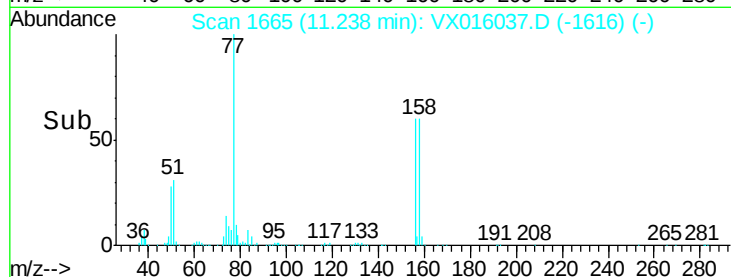
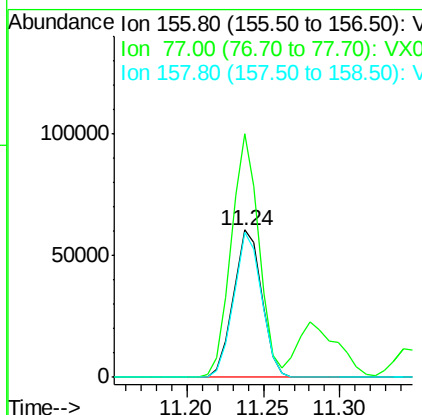
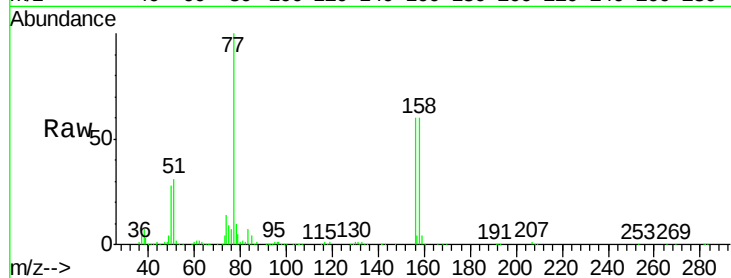
ClientSampled :

VX0504WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	161.1	80.1	240.3
158	96.5	49.4	148.2

Manual Integrations
APPROVED

MMDadoda
5/5/2020 11:35:30 AM



#78

n-propylbenzene

Concen: 18.464 ug/l

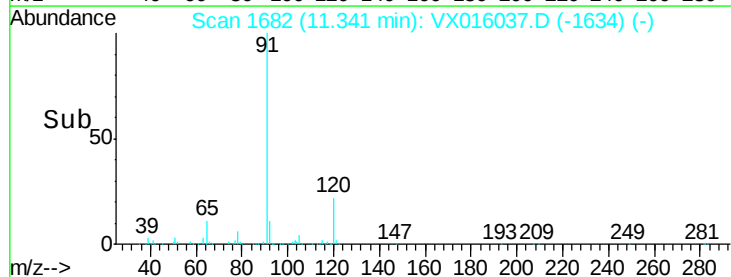
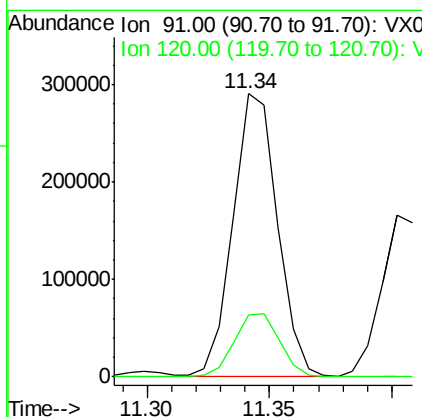
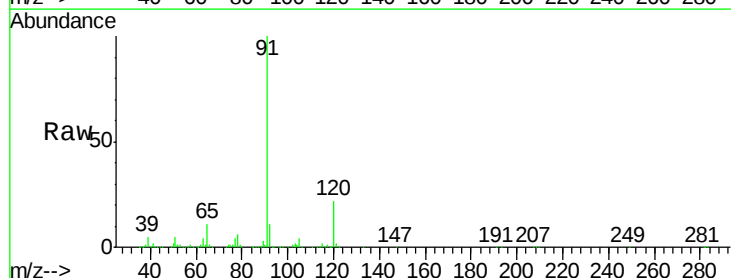
RT: 11.34 min Scan# 1682

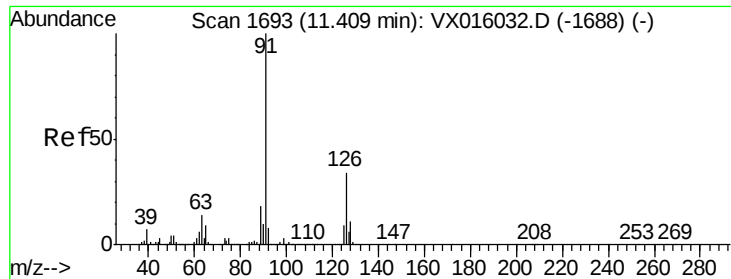
Delta R.T. -0.01 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.5	34.5





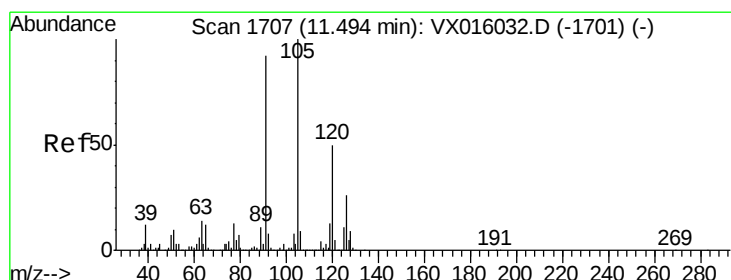
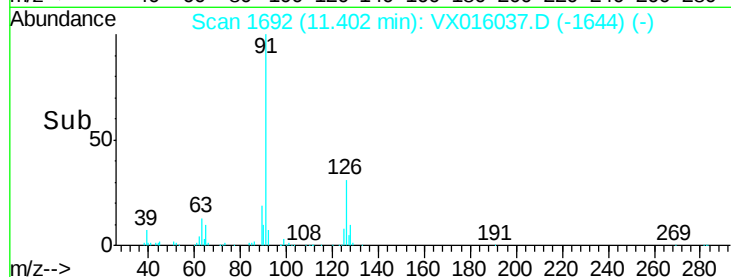
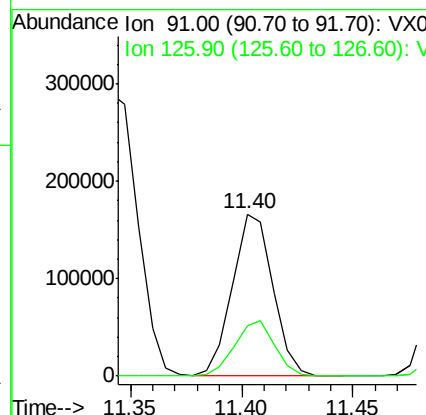
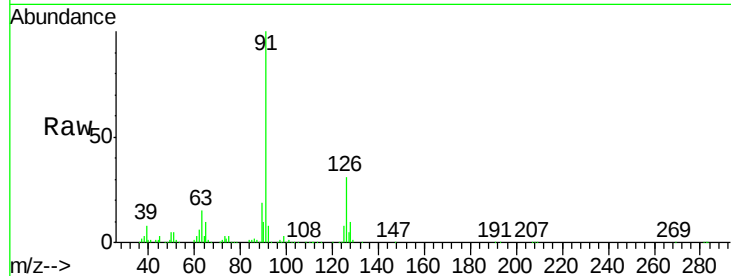
#79
 2-Chlorotoluene
 Concen: 18.093 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.01 min
 Lab File: VX016037.D
 Acq: 04 May 2020 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBS01

Tot Ion: 91 Resp: 210364
 Ion Ratio Lower Upper
 91 100
 126 33.9 16.9 50.6

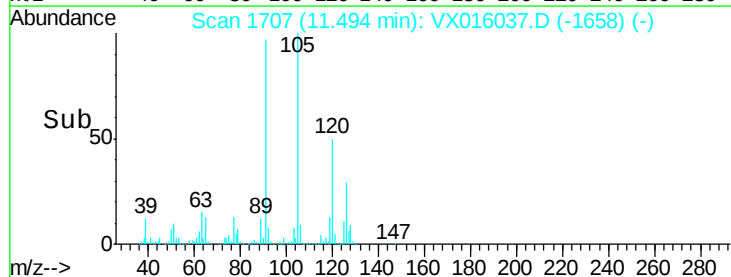
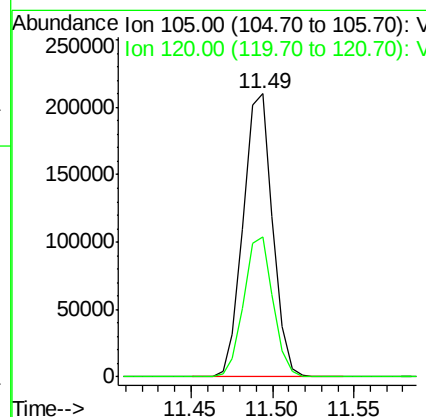
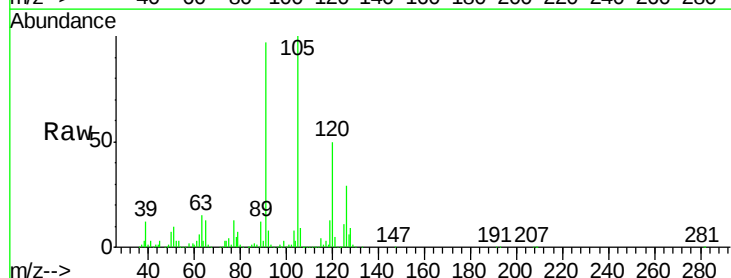
Manual Integrations
 APPROVED

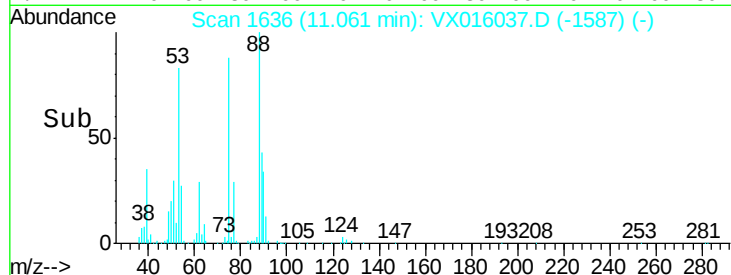
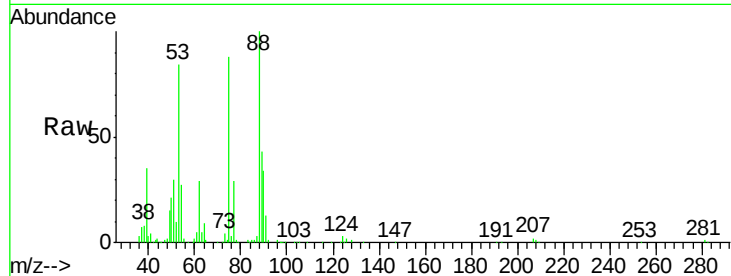
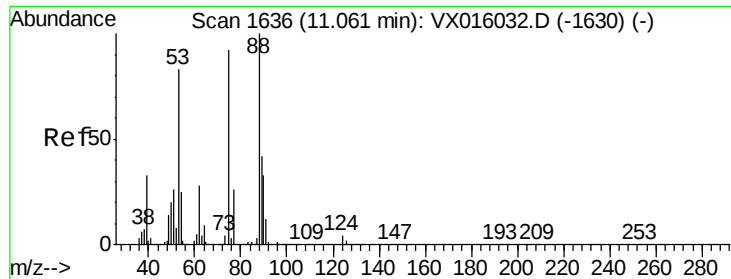
MMDadoda
 5/5/2020 11:35:30 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 18.464 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016037.D
 Acq: 04 May 2020 15:48

Tgt Ion: 105 Resp: 263968
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.6 74.0





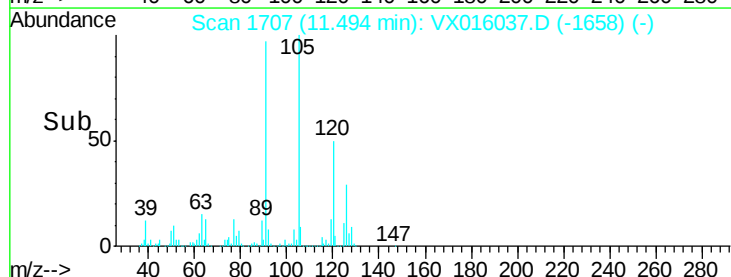
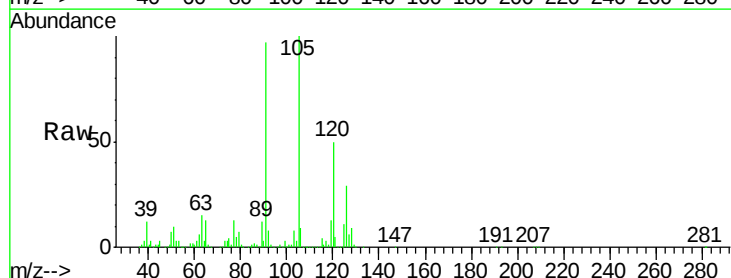
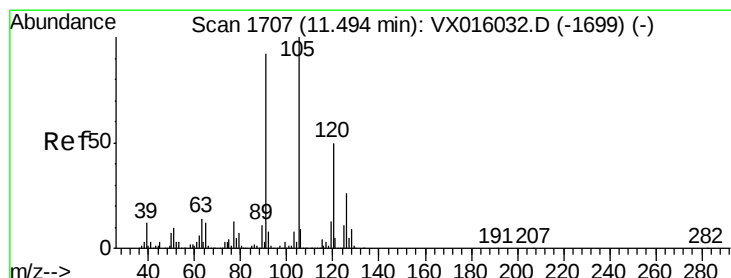
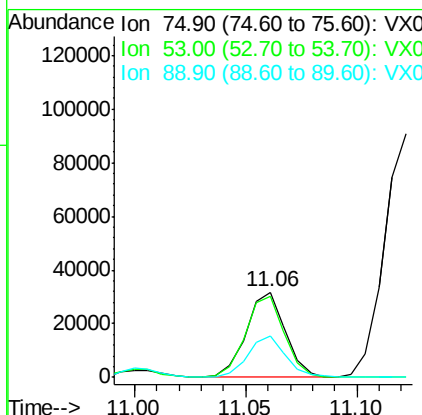
#81
trans-1,4-Dichloro-2-butene
Concen: 17.609 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.3	73.1	109.7
89	47.4	36.7	55.1

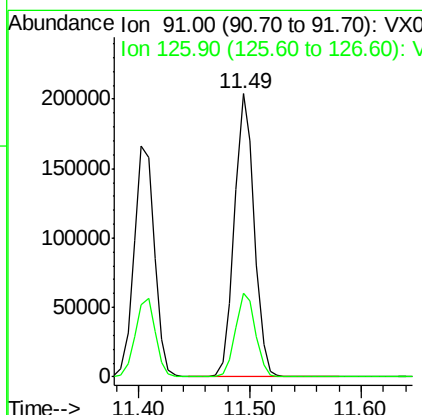
Manual Integrations
APPROVED

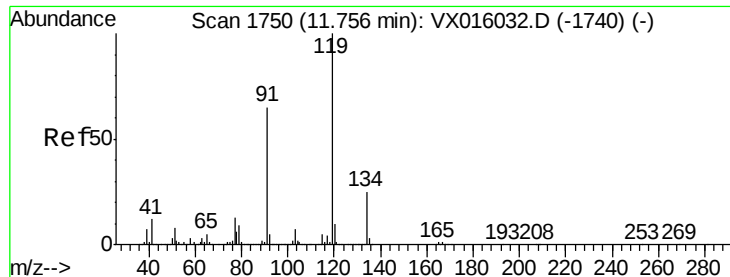
MMDadoda
5/5/2020 11:35:30 AM



#82
4-Chlorotoluene
Concen: 18.255 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.0	14.8	44.3





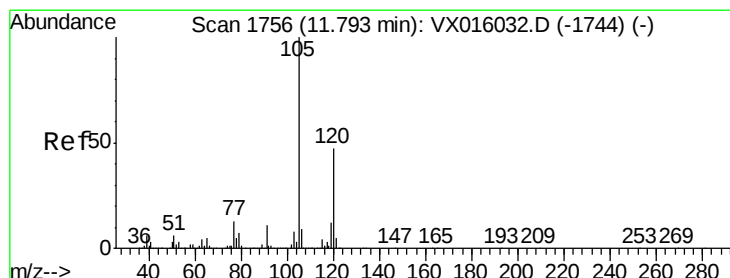
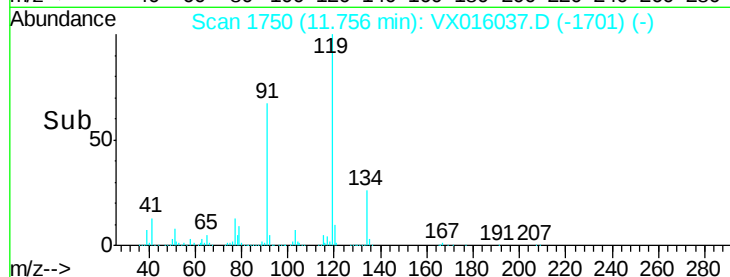
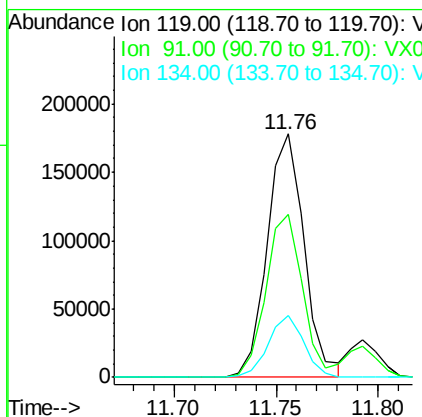
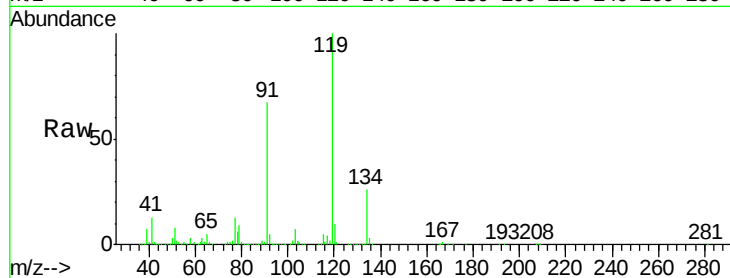
#83
tert-Butylbenzene
Concen: 18.237 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	224689		
91	66.0	32.8	98.4	
134	24.5	12.4	37.0	

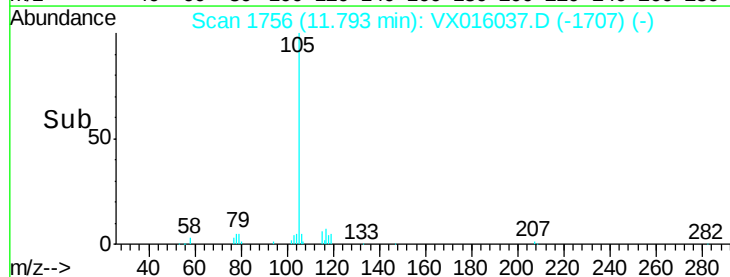
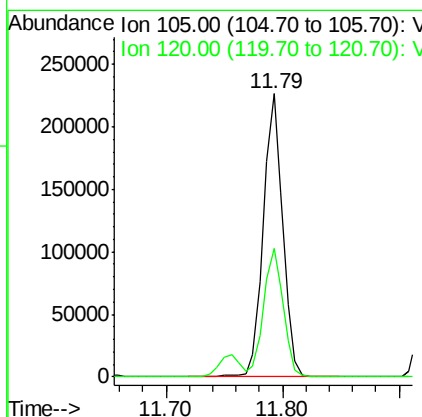
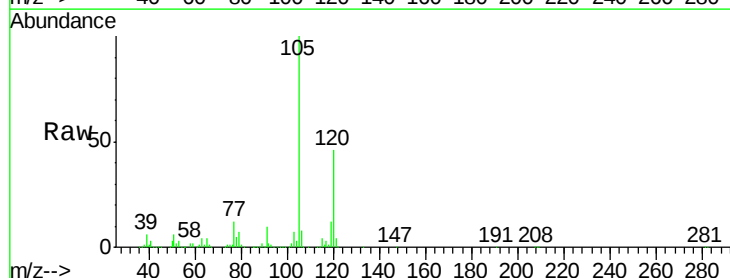
Manual Integrations
APPROVED

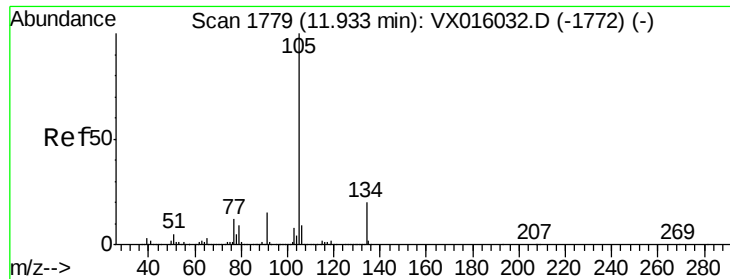
MMDadoda
5/5/2020 11:35:30 AM



#84
1,2,4-Trimethylbenzene
Concen: 18.201 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	263067		
120	46.1	23.0	69.0	





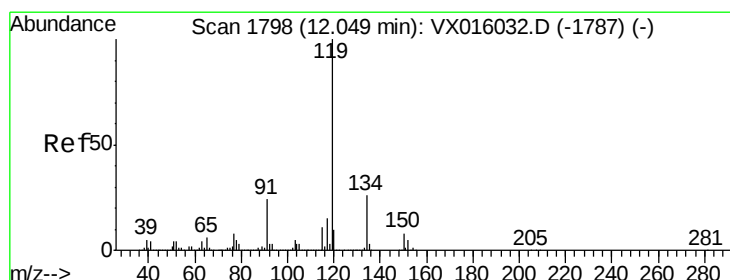
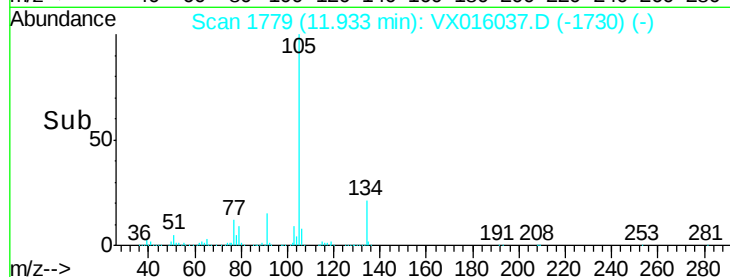
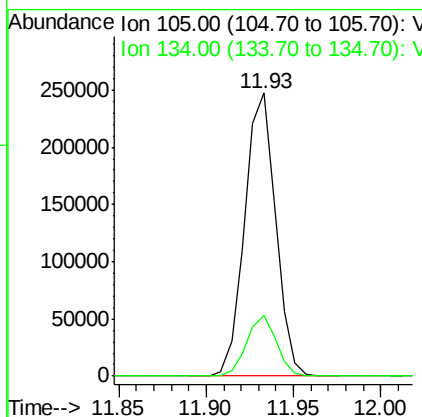
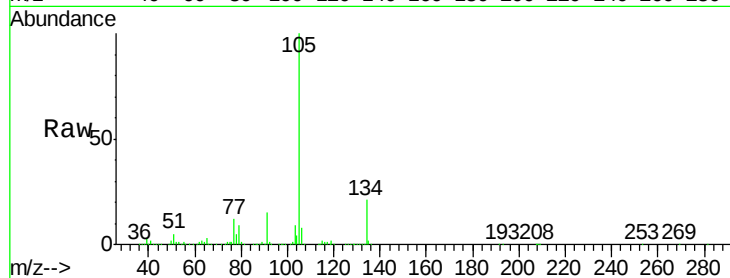
#85
 sec-Butylbenzene
 Concen: 18.346 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016037.D
 Acq: 04 May 2020 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0504WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	305180		
134	20.6	10.1	30.3	

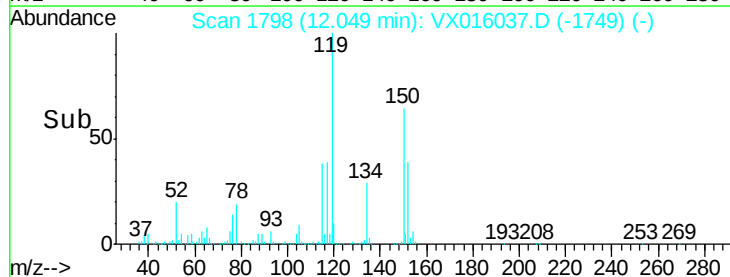
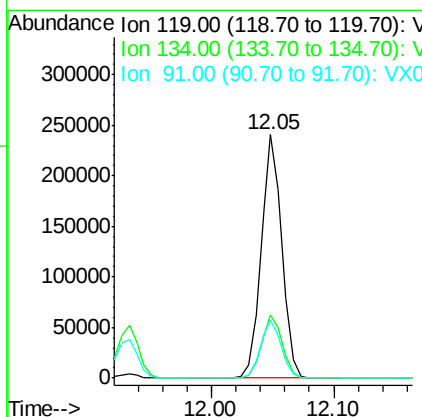
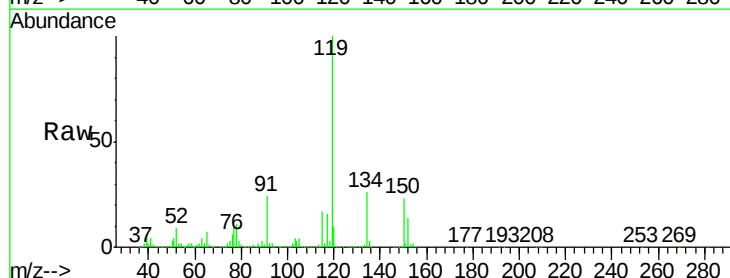
Manual Integrations
 APPROVED

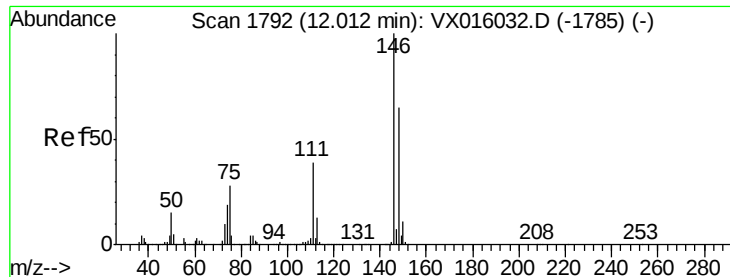
MMDadoda
 5/5/2020 11:35:30 AM



#86
 p-Isopropyltoluene
 Concen: 18.286 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016037.D
 Acq: 04 May 2020 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	282416		
134	26.0	13.1	39.3	
91	23.9	11.8	35.4	





#87

1,3-Dichlorobenzene

Concen: 17.701 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

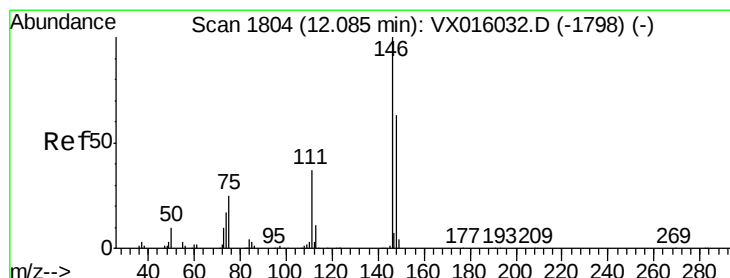
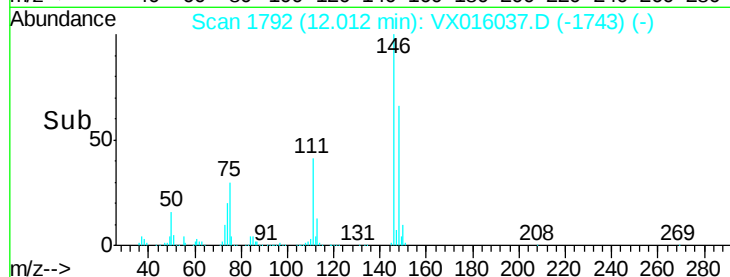
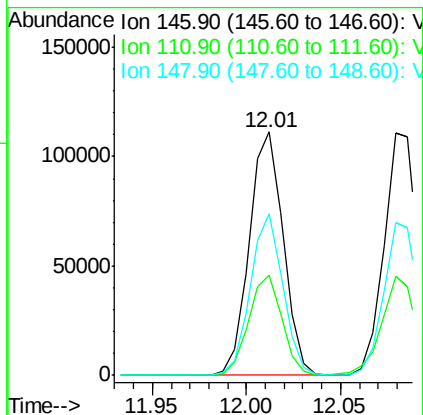
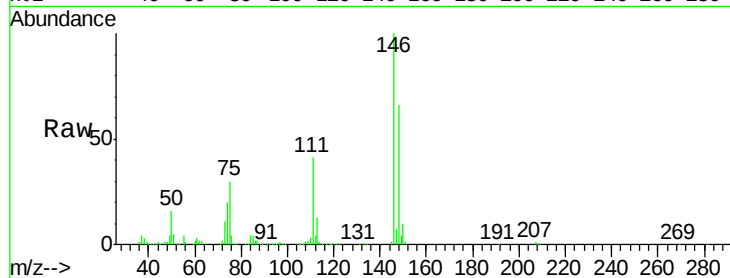
ClientSampled :

VX0504WBS01

Tot Ion:	146	Resp:	138905
Ion Ratio	Lower	Upper	
146	100		
111	40.7	20.2	60.6
148	63.7	32.1	96.3

Manual Integrations
APPROVED

MMDadoda
5/5/2020 11:35:30 AM



#88

1,4-Dichlorobenzene

Concen: 17.605 ug/l

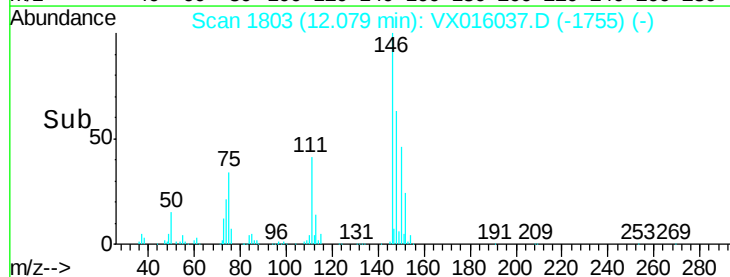
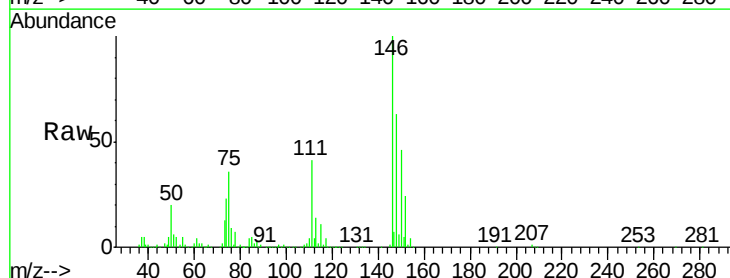
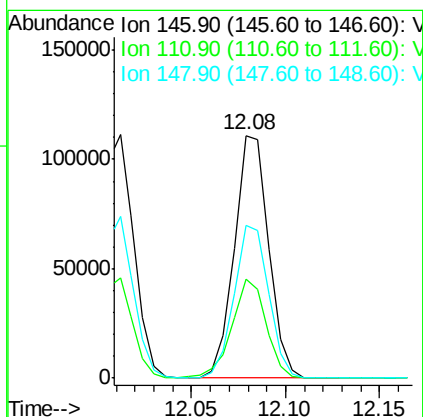
RT: 12.08 min Scan# 1803

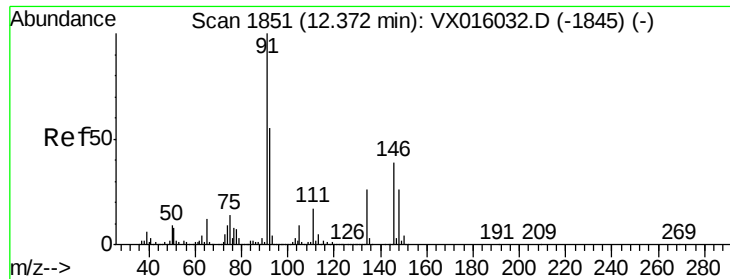
Delta R.T. -0.01 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Tgt Ion:	146	Resp:	140221
Ion Ratio	Lower	Upper	
146	100		
111	41.1	19.6	58.7
148	63.8	31.8	95.3





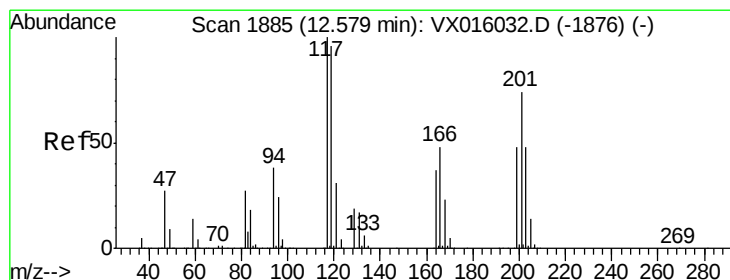
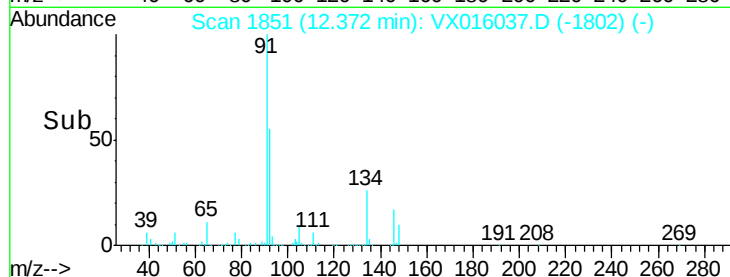
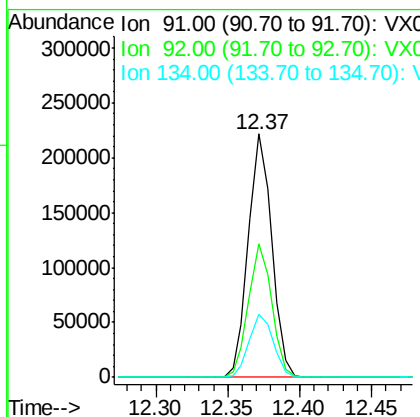
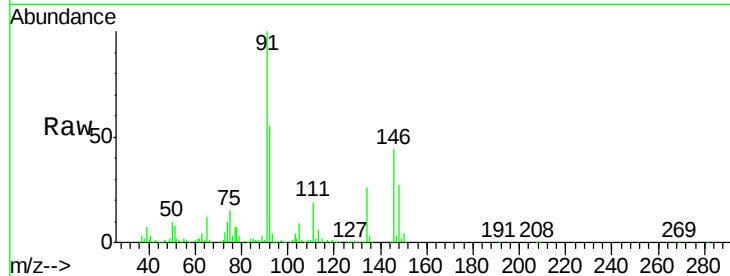
#89
n-Butylbenzene
Concen: 17.770 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX0504WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.4	27.6	82.7
134	26.7	13.4	40.1

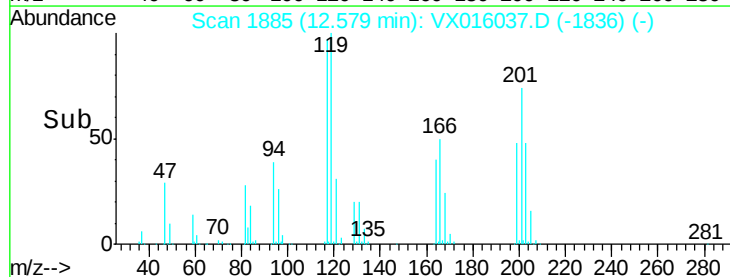
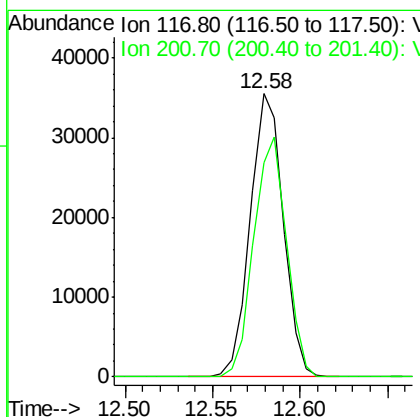
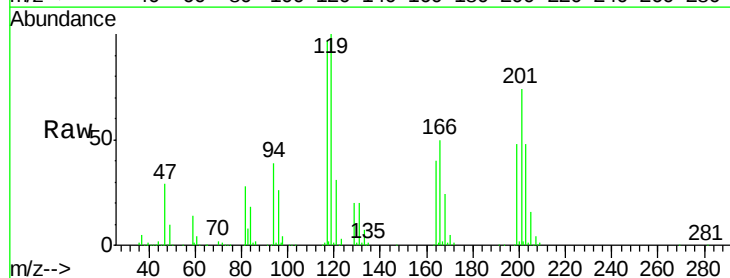
Manual Integrations
APPROVED

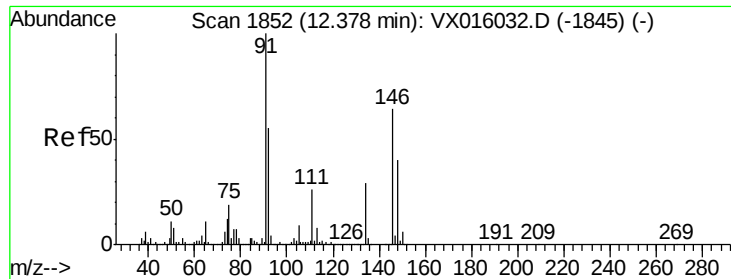
MMDadoda
5/5/2020 11:35:30 AM



#90
Hexachloroethane
Concen: 17.578 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.0	39.8	119.3





#91

1,2-Dichlorobenzene

Concen: 17.954 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

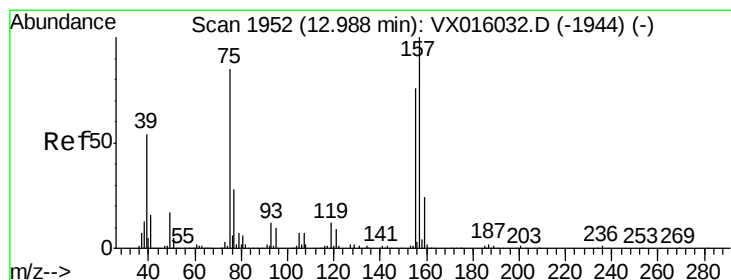
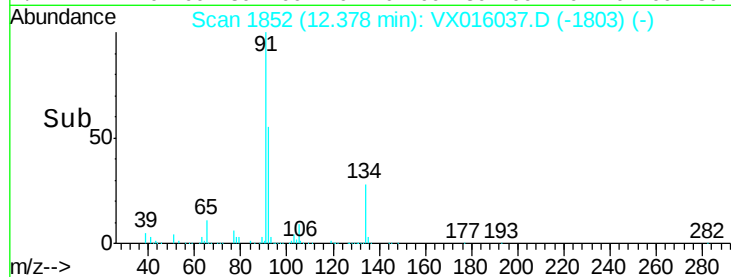
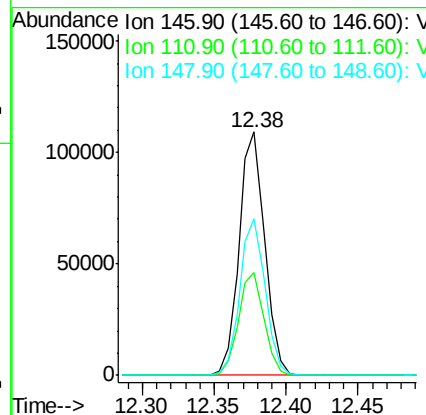
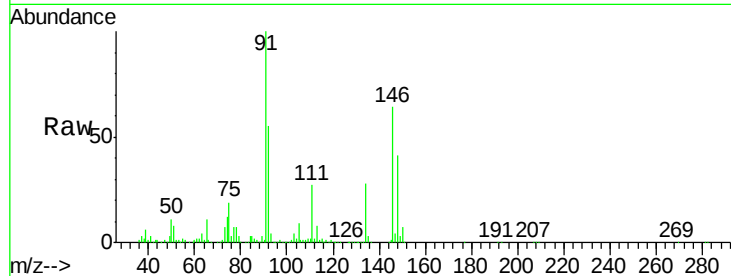
ClientSampled :

VX0504WBS01

Tot Ion:	146	Resp:	135665
Ion Ratio	Lower	Upper	
146	100		
111	42.2	21.1	63.1
148	63.7	32.4	97.0

Manual Integrations
APPROVED

MMDadoda
5/5/2020 11:35:30 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.049 ug/l

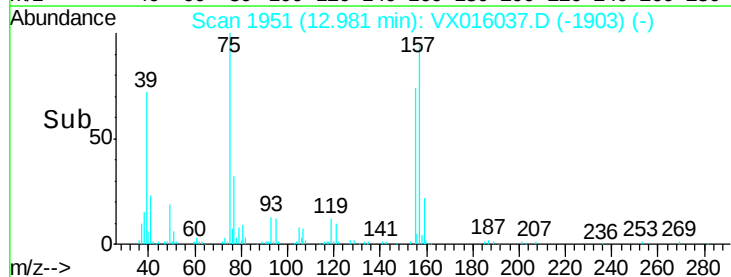
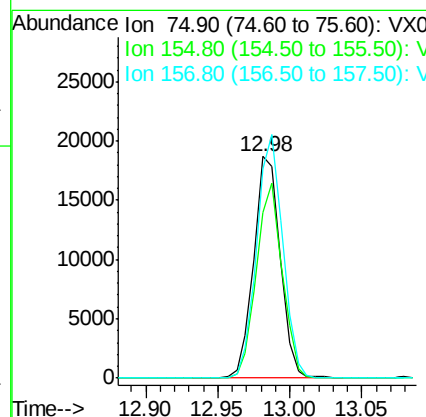
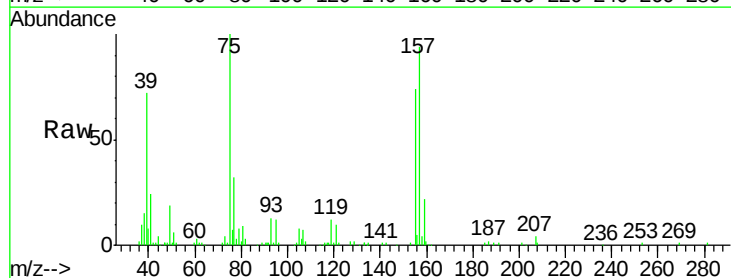
RT: 12.98 min Scan# 1951

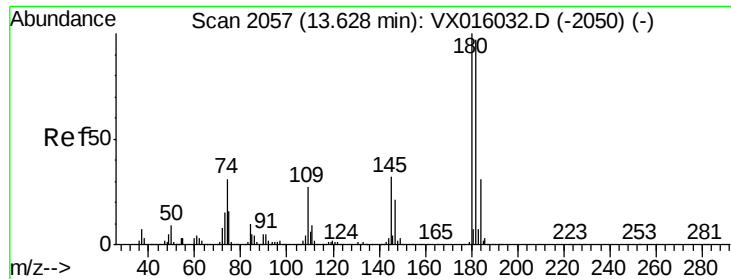
Delta R.T. -0.01 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Tgt Ion:	75	Resp:	23737
Ion Ratio	Lower	Upper	
75	100		
155	85.2	42.5	127.5
157	107.2	55.3	165.8





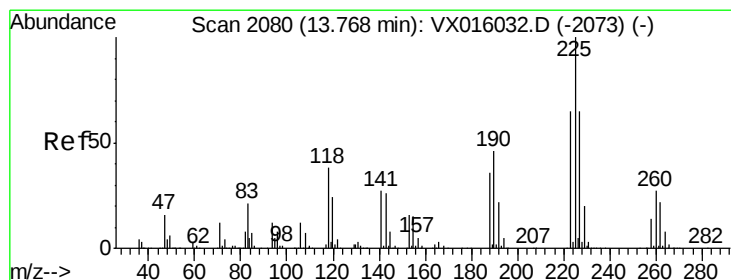
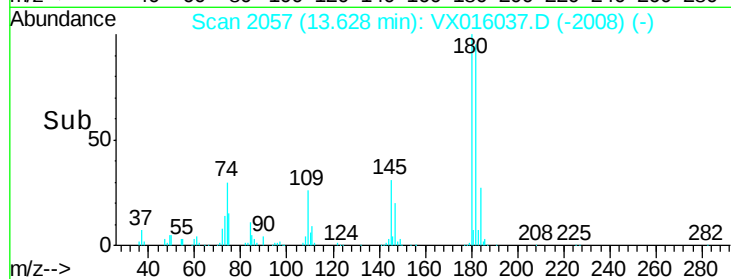
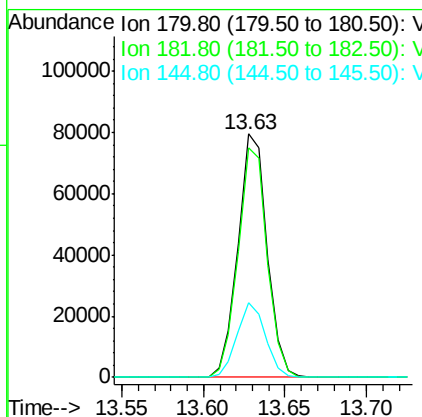
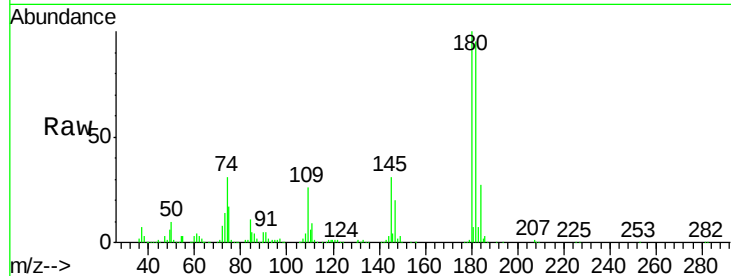
#93
1,2,4-Trichlorobenzene
Concen: 17.662 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Instrument :
MSVOA_X
ClientSampled :
VX0504WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	98805		
182	94.6	48.7	146.1	
145	30.4	15.7	47.1	

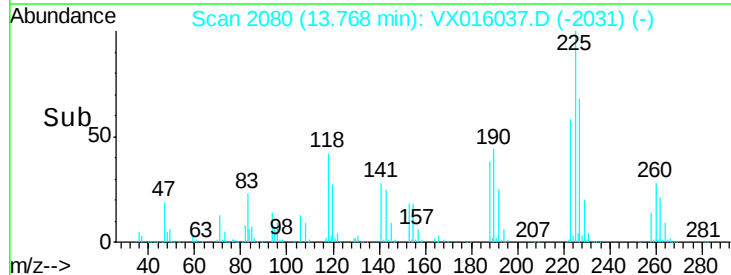
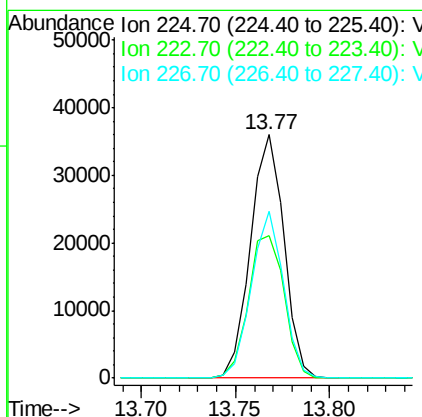
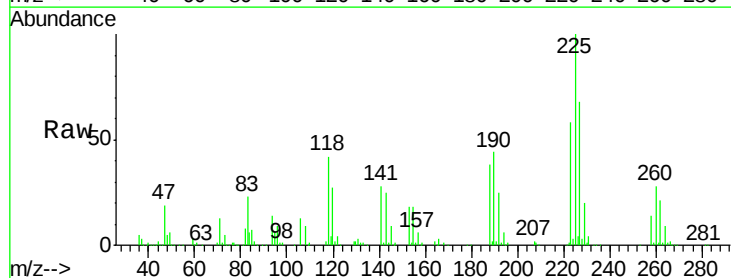
Manual Integrations
APPROVED

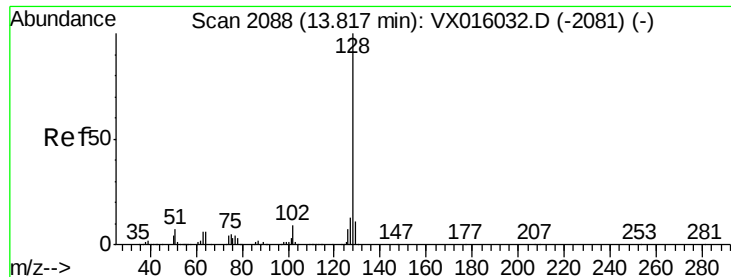
MMDadoda
5/5/2020 11:35:30 AM



#94
Hexachlorobutadiene
Concen: 18.730 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX016037.D
Acq: 04 May 2020 15:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	44321		
223	62.9	32.3	96.9	
227	65.8	31.8	95.4	





#95

Naphthalene

Concen: 17.585 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Instrument :

MSVOA_X

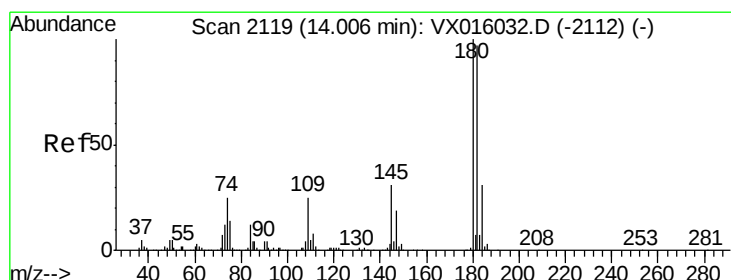
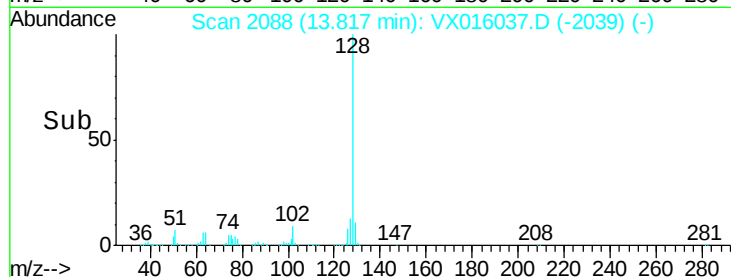
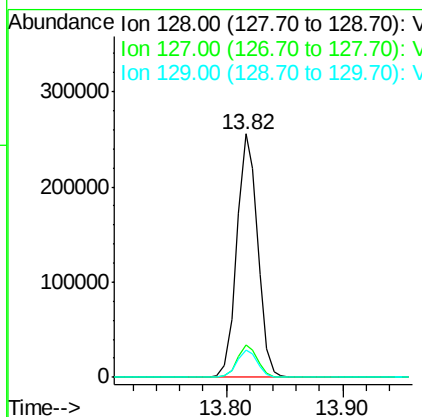
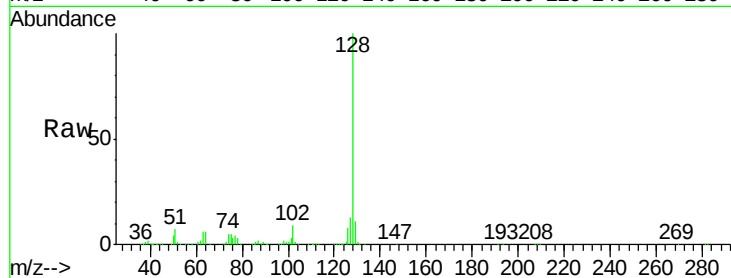
ClientSampleId :

VX0504WBS01

Tot Ion:	128	Resp:	318543
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/5/2020 11:35:30 AM



#96

1,2,3-Trichlorobenzene

Concen: 17.604 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016037.D

Acq: 04 May 2020 15:48

Tgt Ion:	180	Resp:	96250
Ion Ratio	Lower	Upper	
180	100		
182	97.3	48.4	145.0
145	33.2	16.4	49.1

