

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052720\
 Data File : VX016454.D
 Acq On : 27 May 2020 18:45
 Operator : JC/SP
 Sample : VX0527WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0527WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/28/2020 2:10:34 PM

Quant Time: May 28 03:37:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	294637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	470803	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	434392	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	214009	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	177500	48.51	ug/l	0.00
Spiked Amount			Recovery	=	97.02%	
35) Dibromofluoromethane	5.47	113	137385	47.39	ug/l	0.00
Spiked Amount			Recovery	=	94.78%	
50) Toluene-d8	8.70	98	543265	48.15	ug/l	0.00
Spiked Amount			Recovery	=	96.30%	
62) 4-Bromofluorobenzene	11.12	95	203591	46.70	ug/l	0.00
Spiked Amount			Recovery	=	93.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	55477	19.133	ug/l	95
3) Chloromethane	1.31	50	67202	19.179	ug/l	99
4) Vinyl Chloride	1.39	62	71247	19.227	ug/l	95
5) Bromomethane	1.63	94	41046	22.781	ug/l	98
6) Chloroethane	1.71	64	42270	19.555	ug/l	98
7) Trichlorofluoromethane	1.92	101	92963	19.103	ug/l	100
8) Diethyl Ether	2.17	74	37439	18.450	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	51765	19.327	ug/l	100
10) Methyl Iodide	2.49	142	43728	15.886	ug/l	99
11) Tert butyl alcohol	3.01	59	89085	94.945	ug/l	100
12) 1,1-Dichloroethene	2.36	96	53357	18.821	ug/l	96
13) Acrolein	2.27	56	34676	86.878	ug/l	99
14) Allyl chloride	2.71	41	102352	19.631	ug/l	100
15) Acrylonitrile	3.12	53	186303	96.931	ug/l	99
16) Acetone	2.42	43	155355	96.909	ug/l	98
17) Carbon Disulfide	2.55	76	162808	19.338	ug/l	100
18) Methyl Acetate	2.75	43	80665	19.619	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	197378	19.388	ug/l	98
20) Methylene Chloride	2.84	84	63339	19.097	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	60468	19.283	ug/l	97
22) Diisopropyl ether	3.83	45	198769	19.845	ug/l	91
23) Vinyl Acetate	3.79	43	872055	99.471	ug/l	99
24) 1,1-Dichloroethane	3.67	63	109130	19.304	ug/l	98
25) 2-Butanone	4.64	43	264935	97.532	ug/l	99
26) 2,2-Dichloropropane	4.56	77	93262	20.161	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	69080	19.042	ug/l	98
28) Bromochloromethane	4.98	49	51541	19.620	ug/l	99
29) Tetrahydrofuran	5.09	42	175323	99.904	ug/l	100
30) Chloroform	5.18	83	109863	19.287	ug/l	99
31) Cyclohexane	5.55	56	95870	18.851	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	99121	19.221	ug/l	99
36) 1,1-Dichloropropene	5.77	75	82445	18.495	ug/l	98
37) Ethyl Acetate	4.79	43	100979	18.868	ug/l	98
38) Carbon Tetrachloride	5.76	117	87683	18.718	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052720\
 Data File : VX016454.D
 Acq On : 27 May 2020 18:45
 Operator : JC/SP
 Sample : VX0527WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0527WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/28/2020 2:10:34 PM

Quant Time: May 28 03:37:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	91153	18.827	ug/l	98
40) Benzene	6.12	78	252918	19.053	ug/l	99
41) Methacrylonitrile	5.00	41	54873	18.667	ug/l	99
42) 1,2-Dichloroethane	6.17	62	89227	18.901	ug/l	100
43) Isopropyl Acetate	6.42	43	158479	18.985	ug/l	99
44) Trichloroethene	7.19	130	78311	18.594	ug/l	99
45) 1,2-Dichloropropane	7.49	63	64519	19.092	ug/l	99
46) Dibromomethane	7.64	93	42257	18.617	ug/l	99
47) Bromodichloromethane	7.88	83	87887	18.700	ug/l	99
48) Methyl methacrylate	7.74	41	74123	18.545	ug/l	98
49) 1,4-Dioxane	7.71	88	33991	363.393	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	503070	96.785	ug/l	100
52) Toluene	8.77	92	161510	19.294	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	99644	18.645	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	106708	18.864	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	62568	18.799	ug/l	99
56) Ethyl methacrylate	9.16	69	101930	18.805	ug/l	99
57) 1,3-Dichloropropane	9.35	76	108896	19.062	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	273761	96.760	ug/l	100
59) 2-Hexanone	9.47	43	390394	96.581	ug/l	100
60) Dibromochloromethane	9.57	129	68961	18.412	ug/l	98
61) 1,2-Dibromoethane	9.65	107	66012	18.521	ug/l	99
64) Tetrachloroethene	9.32	164	91609	18.850	ug/l	98
65) Chlorobenzene	10.12	112	166284	18.776	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	62745	18.560	ug/l	99
67) Ethyl Benzene	10.24	91	299522	18.996	ug/l	99
68) m/p-Xylenes	10.34	106	223900	38.299	ug/l	100
69) o-Xylene	10.68	106	106320	18.779	ug/l	99
70) Styrene	10.70	104	184499	18.959	ug/l	99
71) Bromoform	10.84	173	52045	18.216	ug/l #	99
73) Isopropylbenzene	11.00	105	283066	19.090	ug/l	99
74) N-amyl acetate	10.88	43	131295	19.250	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	71356	19.201	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	92125m	19.584	ug/l	
77) Bromobenzene	11.24	156	72113	18.542	ug/l	98
78) n-propylbenzene	11.34	91	320726	19.360	ug/l	99
79) 2-Chlorotoluene	11.40	91	193902	19.175	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	238568	19.268	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	35410	18.517	ug/l	100
82) 4-Chlorotoluene	11.49	91	228076	19.100	ug/l	99
83) tert-Butylbenzene	11.76	119	202673	19.157	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	238175	19.021	ug/l	100
85) sec-Butylbenzene	11.93	105	253035	19.066	ug/l	100
86) p-Isopropyltoluene	12.05	119	237922	19.138	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	127593	18.936	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	130752	18.974	ug/l	98
89) n-Butylbenzene	12.37	91	197892	19.111	ug/l	99
90) Hexachloroethane	12.58	117	39338	18.319	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	126042	19.308	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	22331	18.552	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052720\
Data File : VX016454.D
Acq On : 27 May 2020 18:45
Operator : JC/SP
Sample : VX0527WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0527WBS01

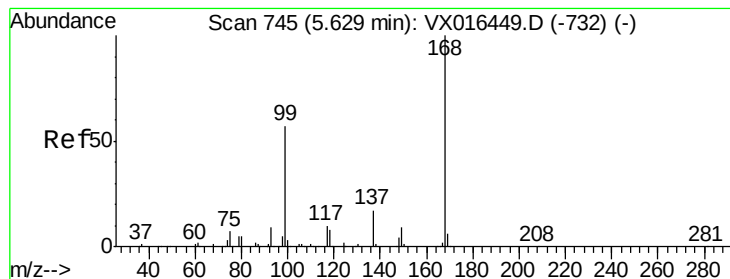
Manual Integrations
APPROVED

MMDadoda
5/28/2020 2:10:34 PM

Quant Time: May 28 03:37:30 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	83751	19.318	ug/l	99
94) Hexachlorobutadiene	13.76	225	33171	19.487	ug/l	98
95) Naphthalene	13.82	128	289105	19.452	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	83677	19.700	ug/l	95

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VX0527WBS01

Tot Ion:168 Resp: 294637

Ion Ratio Lower Upper

168 100

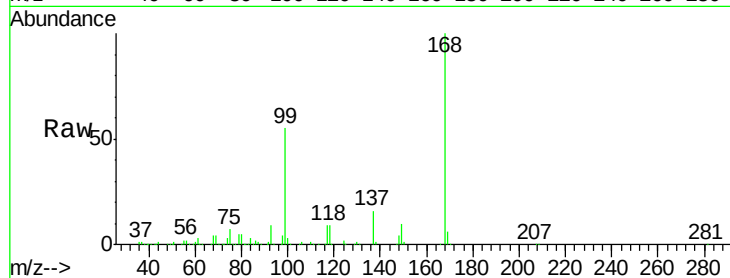
99 55.1 45.2 67.8

Manual Integrations

APPROVED

MMDadoda

5/28/2020 2:10:34 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

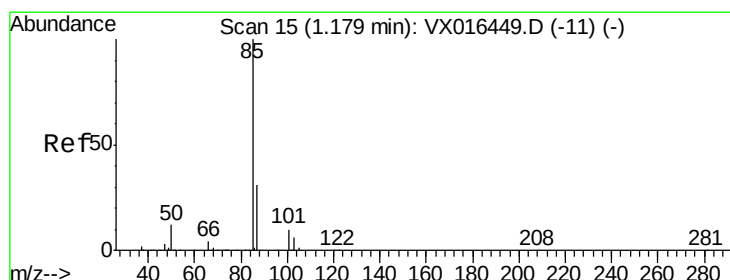
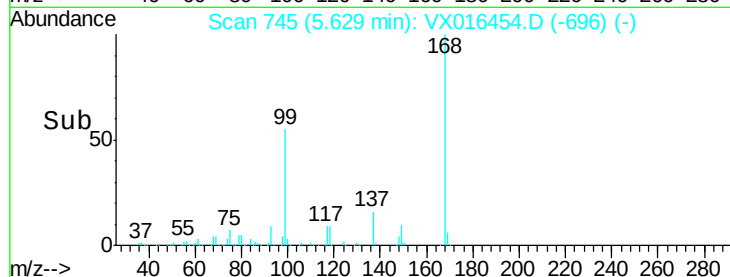
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.133 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016454.D

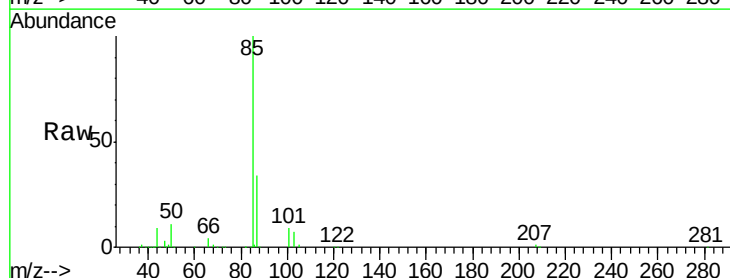
Acq: 27 May 2020 18:45

Tgt Ion: 85 Resp: 55477

Ion Ratio Lower Upper

85 100

87 33.6 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

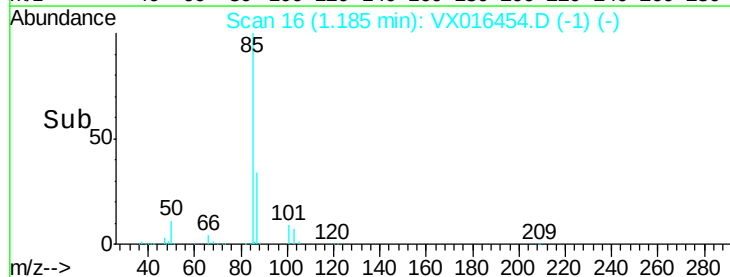
60000

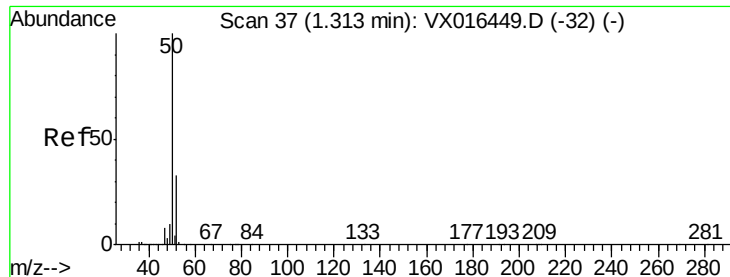
40000

20000

0

Time-->





#3

Chloromethane

Concen: 19.179 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VX0527WBS01

Tot Ion: 50 Resp: 67202

Ion Ratio Lower Upper

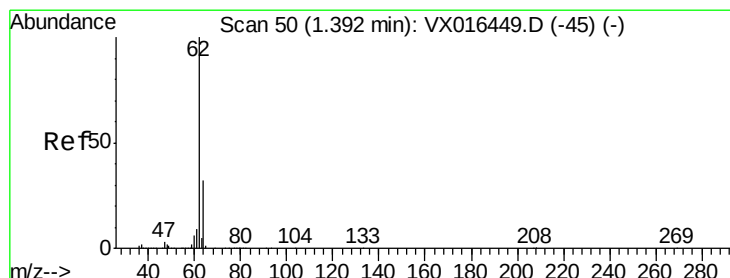
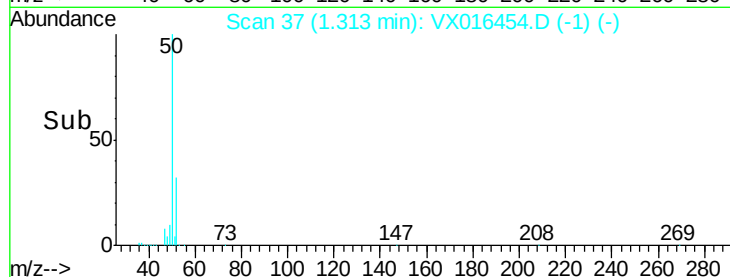
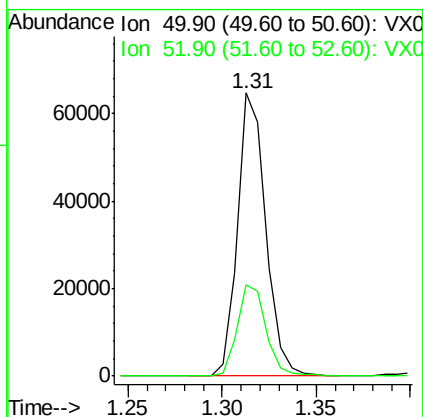
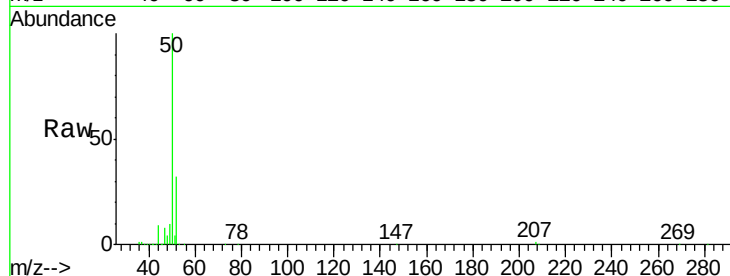
50 100

52 32.4 26.2 39.2

Manual Integrations
APPROVED

MMDadoda

5/28/2020 2:10:34 PM



#4

Vinyl Chloride

Concen: 19.227 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016454.D

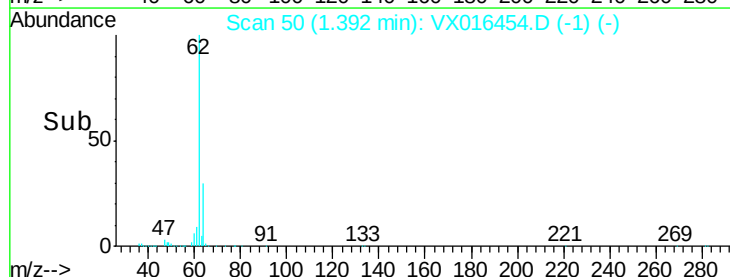
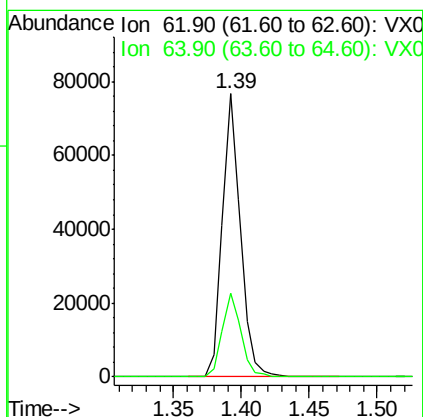
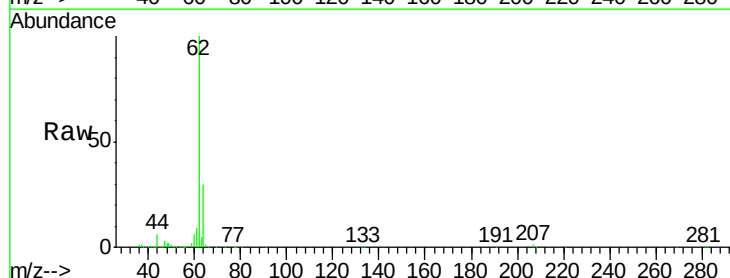
Acq: 27 May 2020 18:45

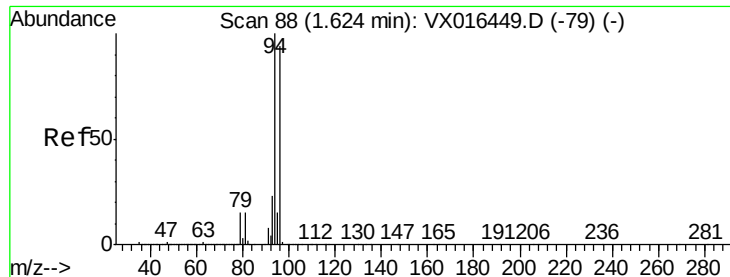
Tgt Ion: 62 Resp: 71247

Ion Ratio Lower Upper

62 100

64 29.7 25.9 38.9





#5

Bromomethane

Concen: 22.781 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VX0527WBS01

Tot Ion: 94 Resp: 41046

Ion Ratio Lower Upper

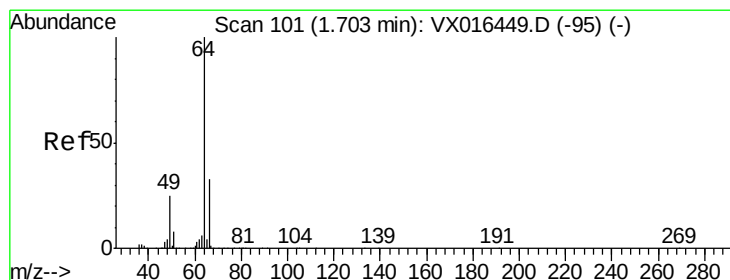
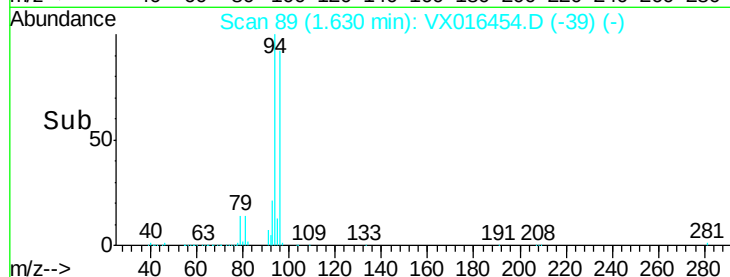
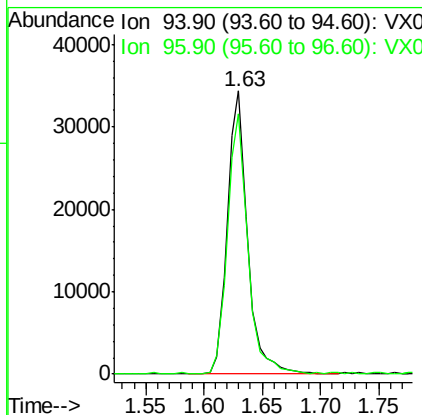
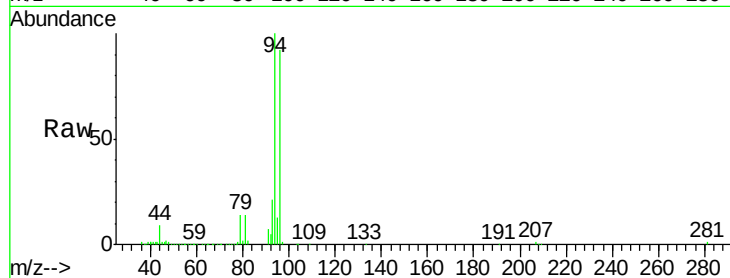
94 100

96 91.6 75.1 112.7

Manual Integrations
APPROVED

MMDadoda

5/28/2020 2:10:34 PM



#6

Chloroethane

Concen: 19.555 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016454.D

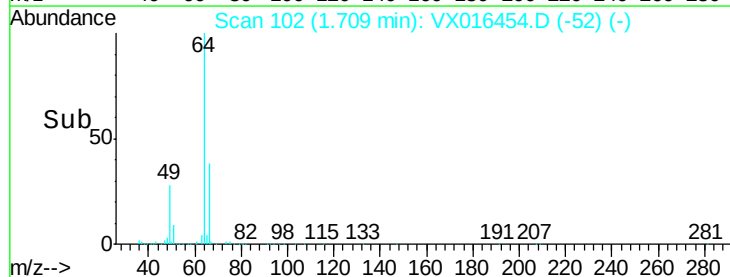
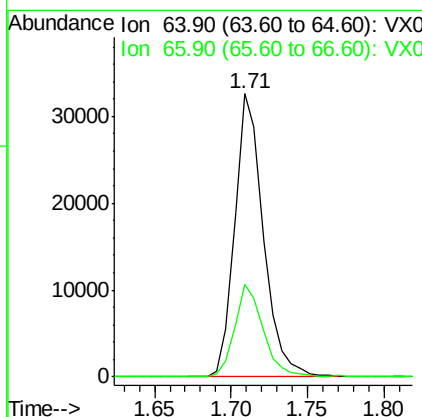
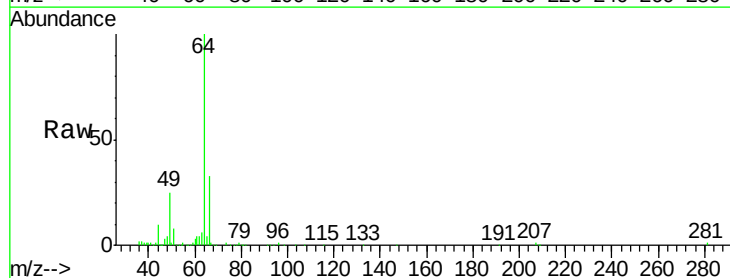
Acq: 27 May 2020 18:45

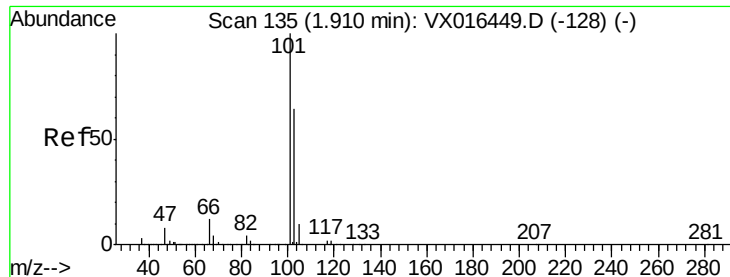
Tgt Ion: 64 Resp: 42270

Ion Ratio Lower Upper

64 100

66 32.5 26.7 40.1





#7

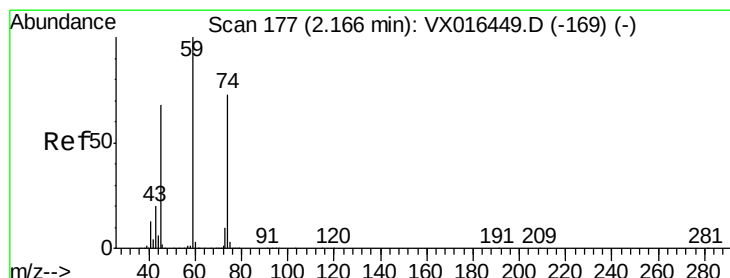
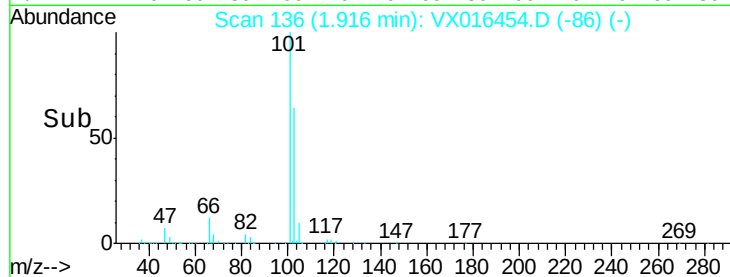
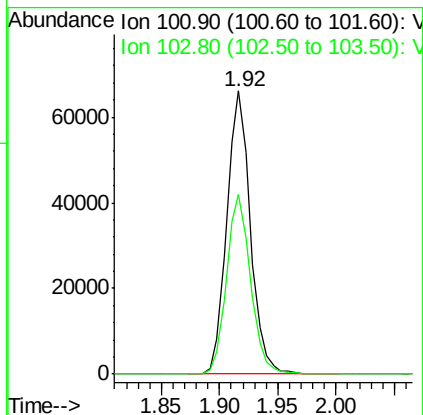
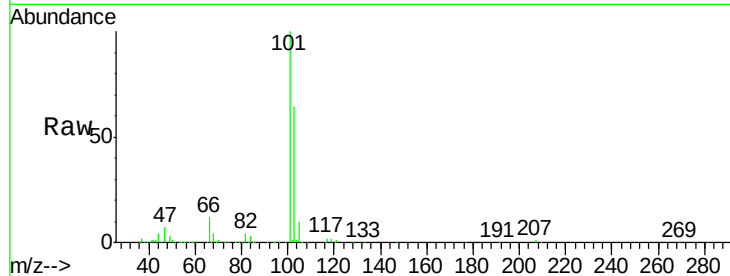
Trichlorofluoromethane
Concen: 19.103 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016454.D
Acq: 27 May 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VX0527WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.5	50.9	76.3

Manual Integrations
APPROVED

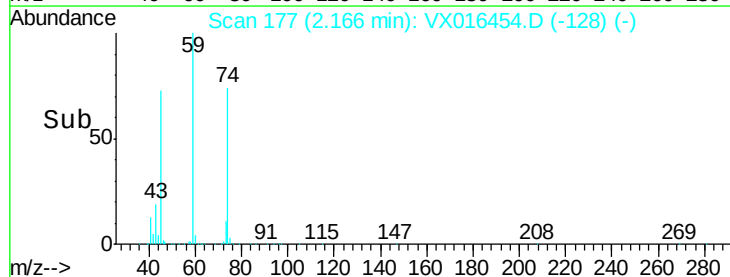
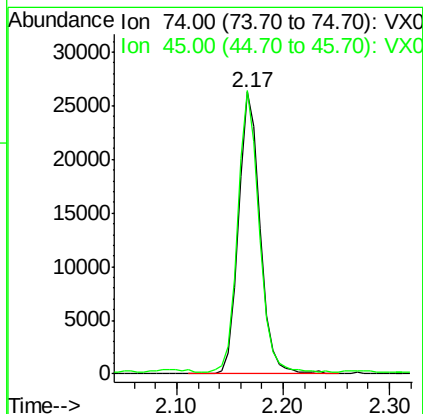
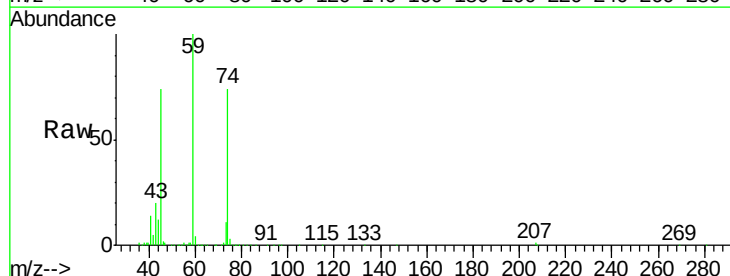
MMDadoda
5/28/2020 2:10:34 PM

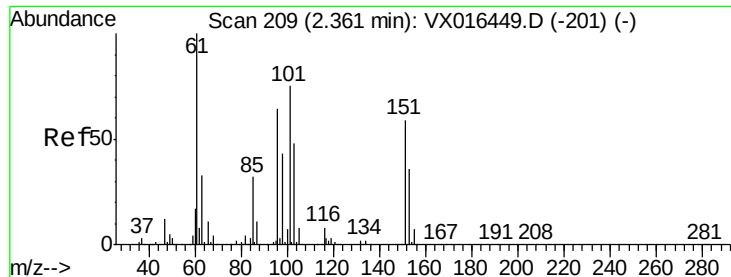


#8

Diethyl Ether
Concen: 18.450 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016454.D
Acq: 27 May 2020 18:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.8	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.327 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

Instrument :

MSVOA_X

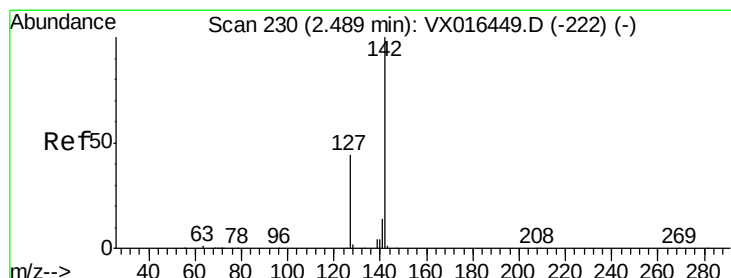
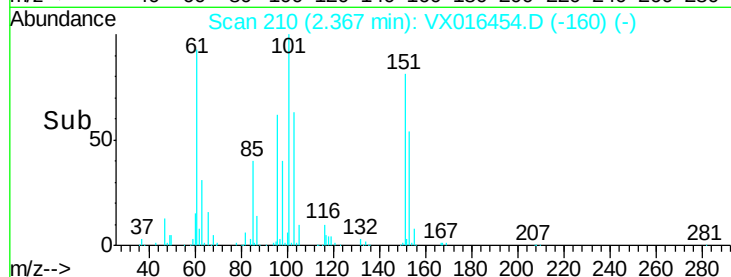
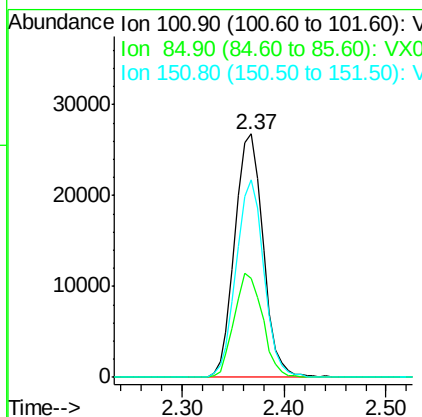
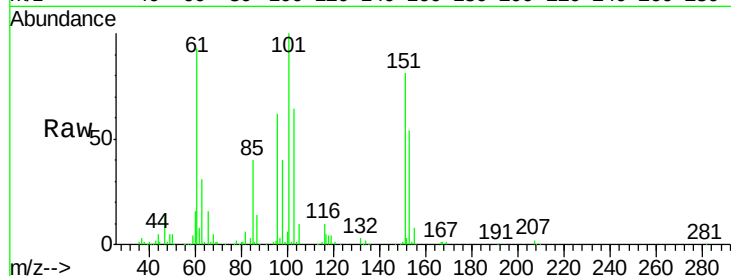
ClientSampleId :

VX0527WBS01

Tot Ion:	101	Resp:	51765
Ion Ratio	Lower	Upper	
101	100		
85	42.6	34.4	51.6
151	79.4	63.8	95.6

Manual Integrations
APPROVED

MMDadoda
5/28/2020 2:10:34 PM



#10

Methyl Iodide

Concen: 15.886 ug/l

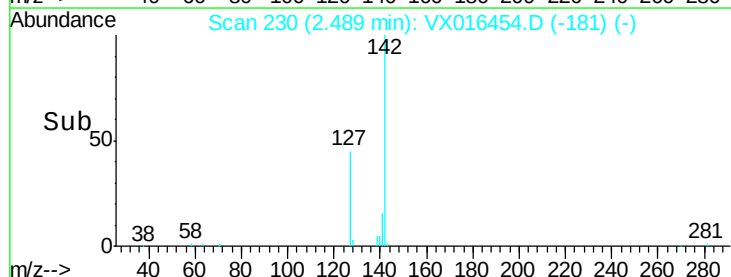
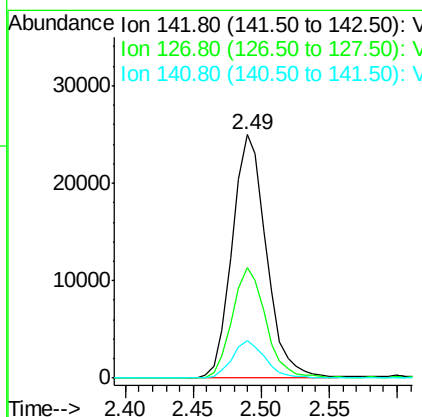
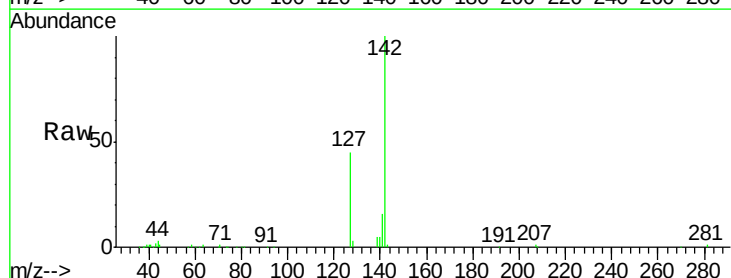
RT: 2.49 min Scan# 230

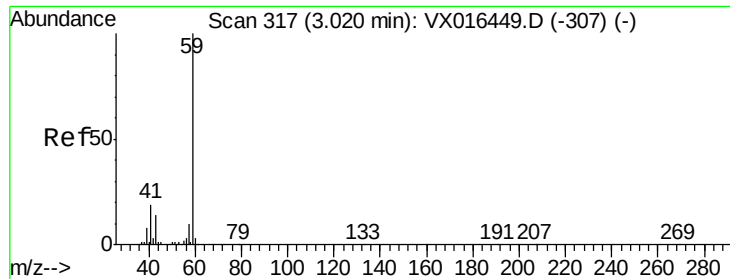
Delta R.T. 0.00 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

Tgt Ion:	142	Resp:	43728
Ion Ratio	Lower	Upper	
142	100		
127	44.7	35.3	52.9
141	14.9	11.4	17.2





#11

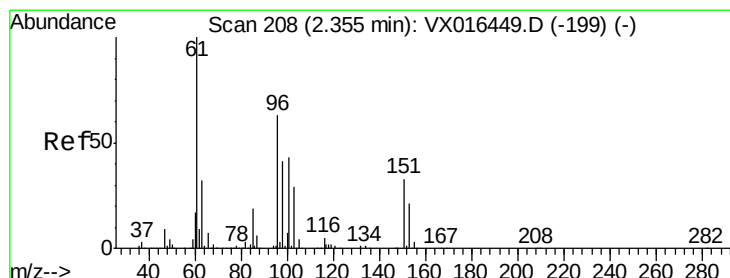
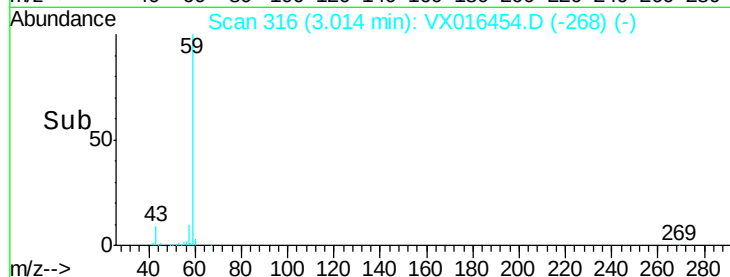
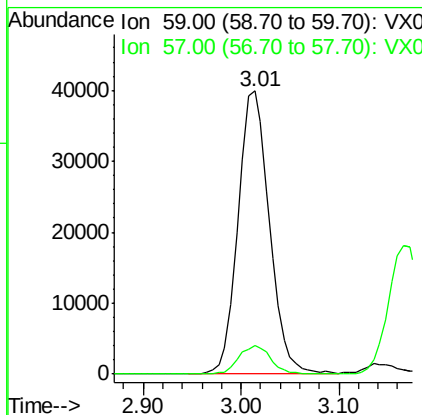
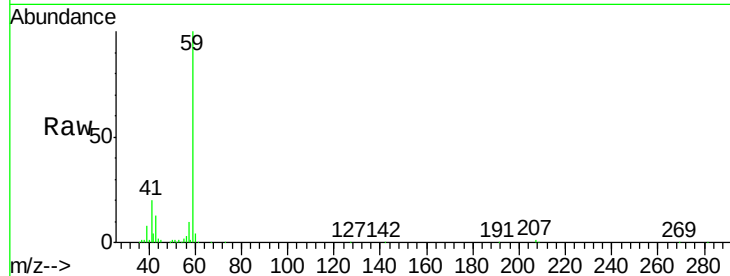
Tert butyl alcohol
Concen: 94.945 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016454.D
Acq: 27 May 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VX0527WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4

Manual Integrations
APPROVED

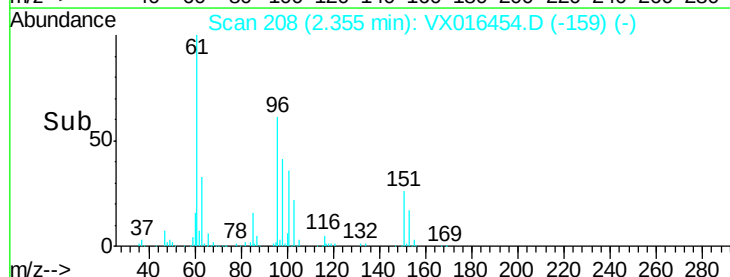
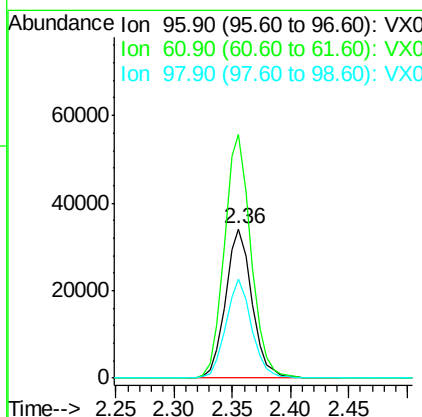
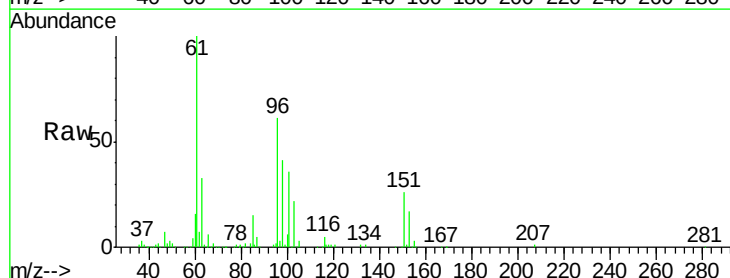
MMDadoda
5/28/2020 2:10:34 PM

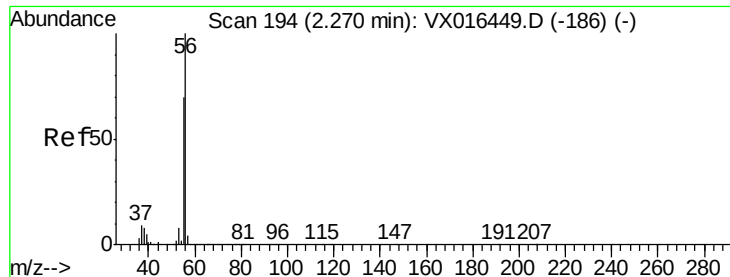


#12

1,1-Dichloroethene
Concen: 18.821 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016454.D
Acq: 27 May 2020 18:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.7	126.6	189.8
98	66.8	51.3	76.9





#13

Acrolein

Concen: 86.878 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VX0527WBS01

Tot Ion: 56 Resp: 34676

Ion Ratio Lower Upper

56 100

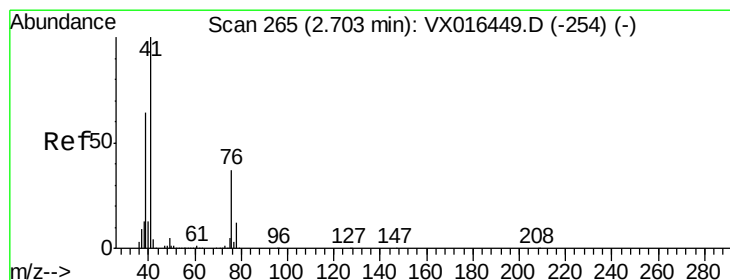
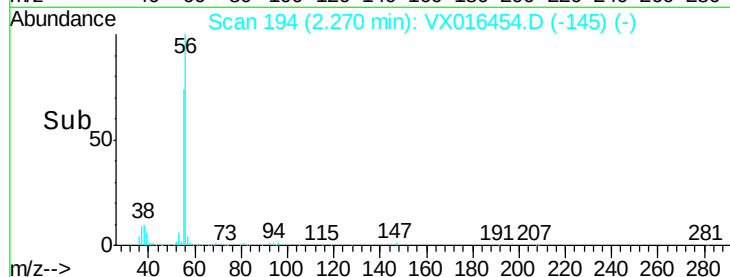
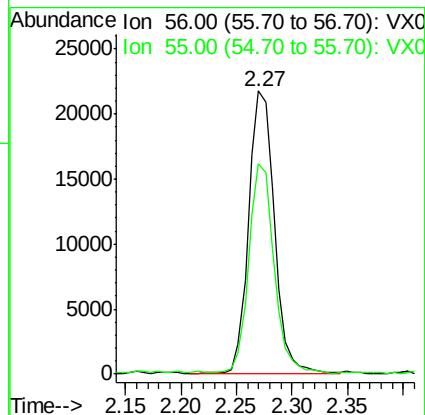
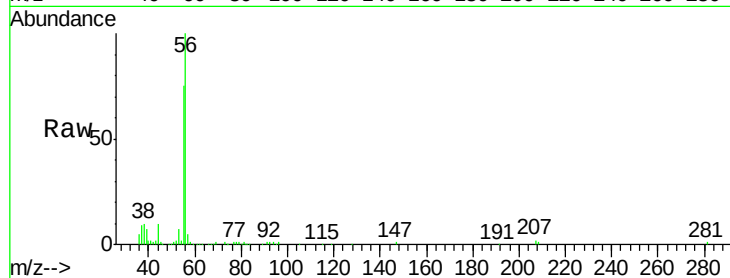
55 73.5 58.3 87.5

Manual Integrations

APPROVED

MMDadoda

5/28/2020 2:10:34 PM



#14

Allyl chloride

Concen: 19.631 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

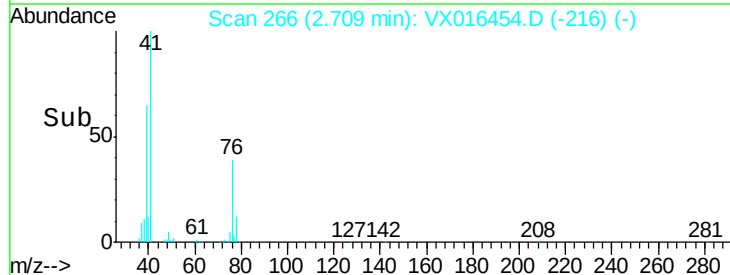
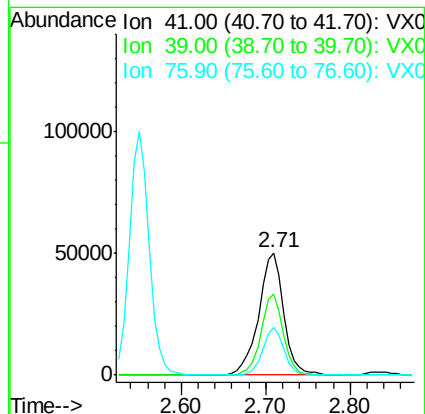
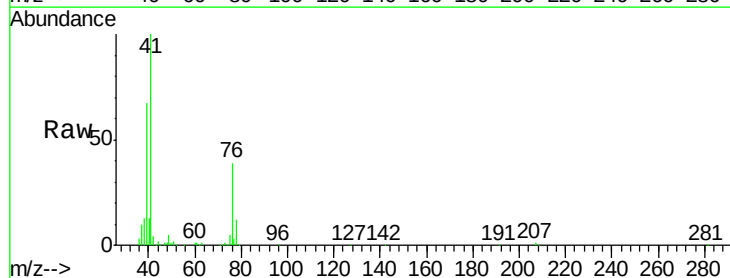
Tgt Ion: 41 Resp: 102352

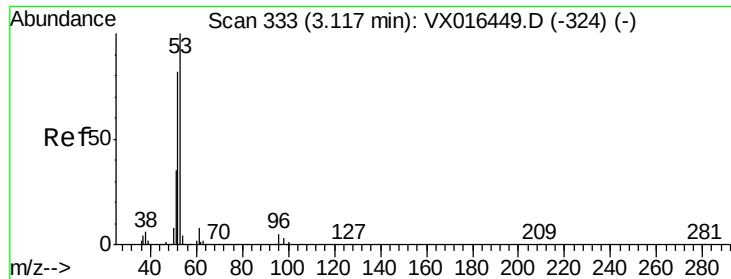
Ion Ratio Lower Upper

41 100

39 59.3 47.7 71.5

76 33.3 26.6 40.0





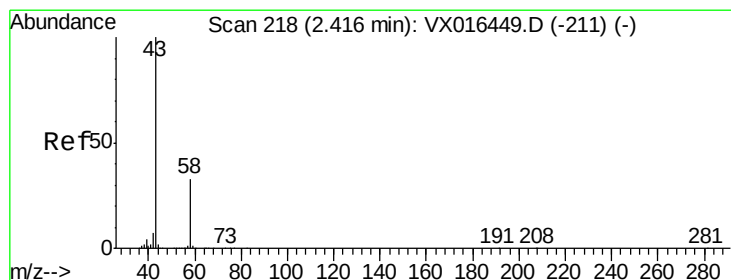
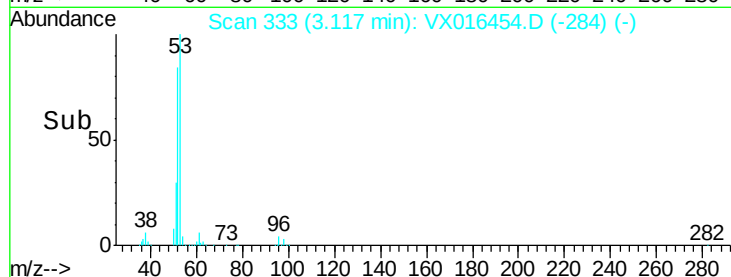
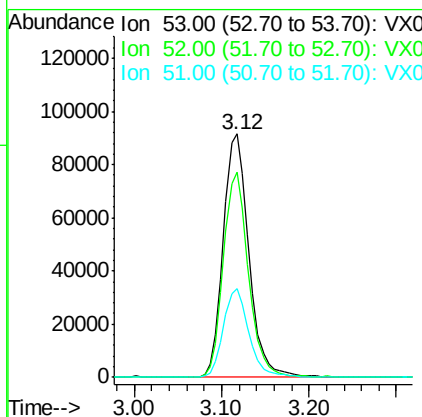
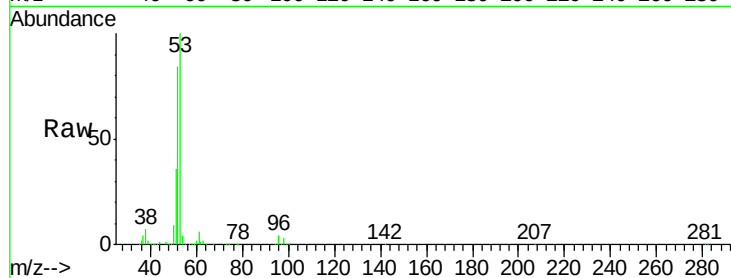
#15
 Acrylonitrile
 Concen: 96.931 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016454.D
 Acq: 27 May 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0527WBS01

Tot Ion	53	Resp	186303
Ion Ratio	Lower	Upper	
53	100		
52	82.6	66.7	100.1
51	36.7	28.6	43.0

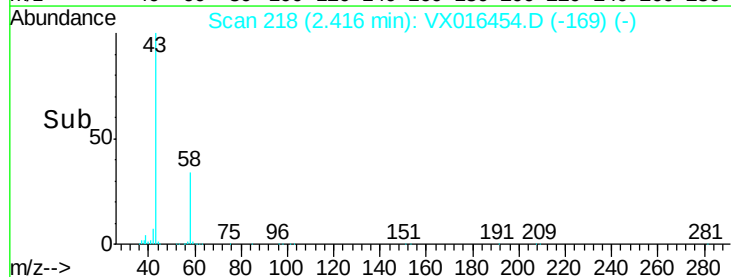
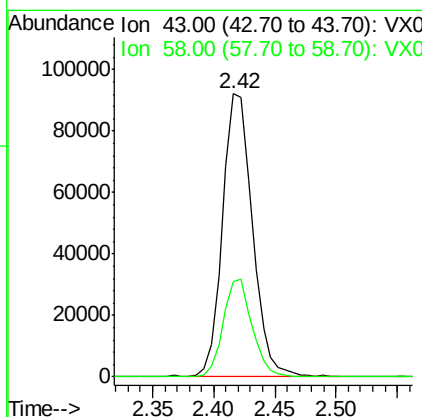
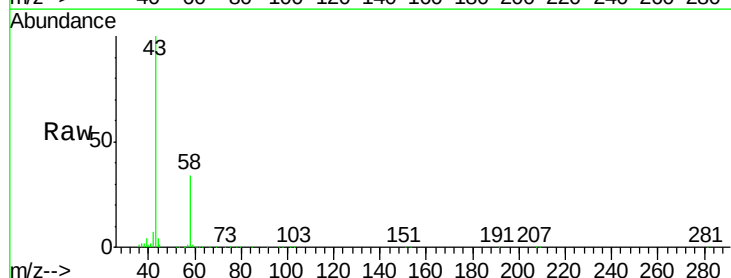
Manual Integrations
 APPROVED

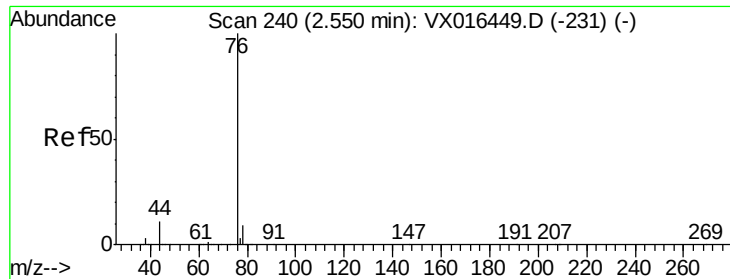
MMDadoda
 5/28/2020 2:10:34 PM



#16
 Acetone
 Concen: 96.909 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX016454.D
 Acq: 27 May 2020 18:45

Tgt Ion	43	Resp	155355
Ion Ratio	Lower	Upper	
43	100		
58	33.7	26.1	39.1





#17

Carbon Disulfide

Concen: 19.338 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VX0527WBS01

Tot Ion: 76 Resp: 162808

Ion Ratio Lower Upper

76 100

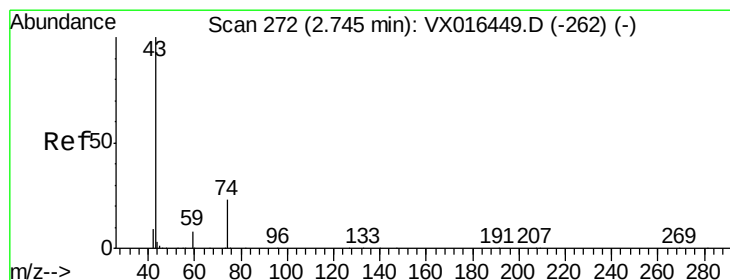
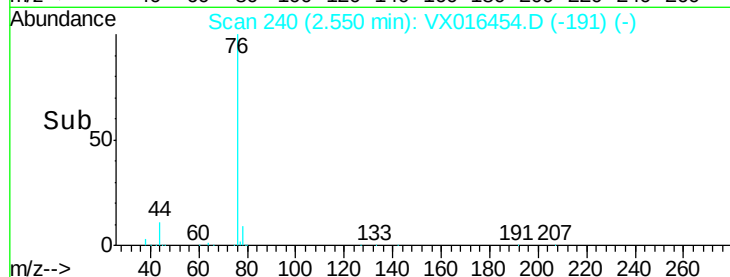
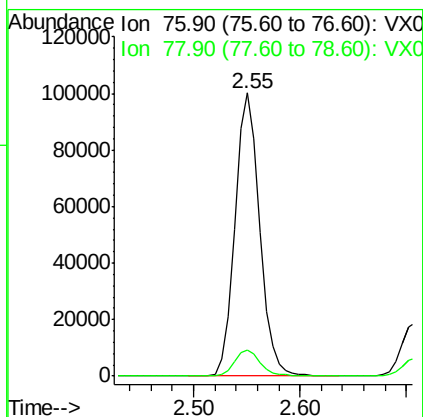
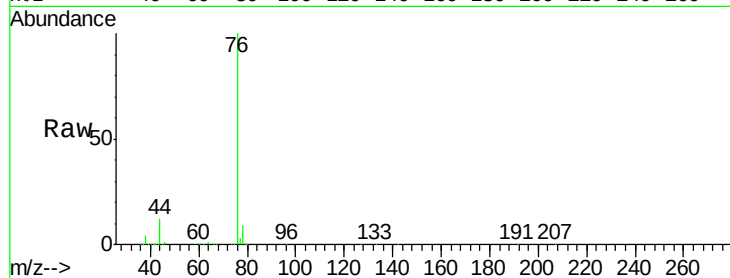
78 9.1 7.4 11.0

Manual Integrations

APPROVED

MMDadoda

5/28/2020 2:10:34 PM



#18

Methyl Acetate

Concen: 19.619 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX016454.D

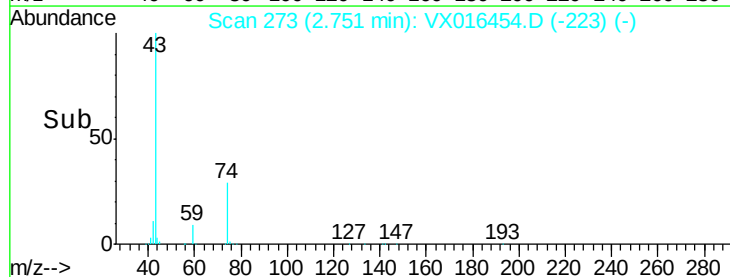
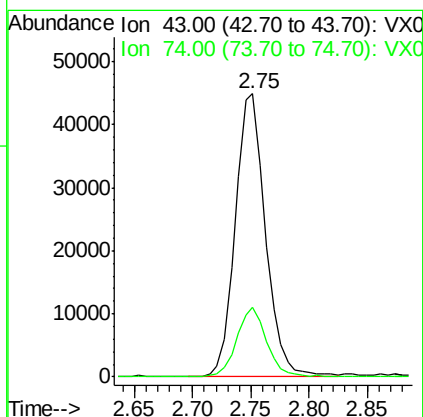
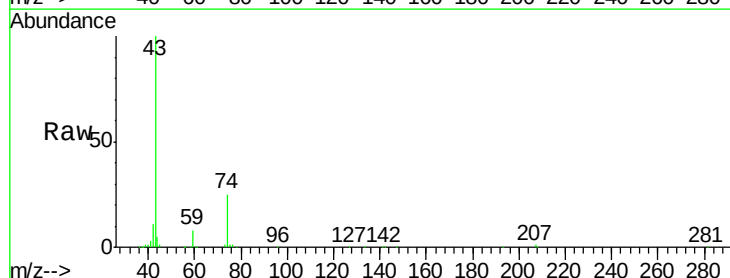
Acq: 27 May 2020 18:45

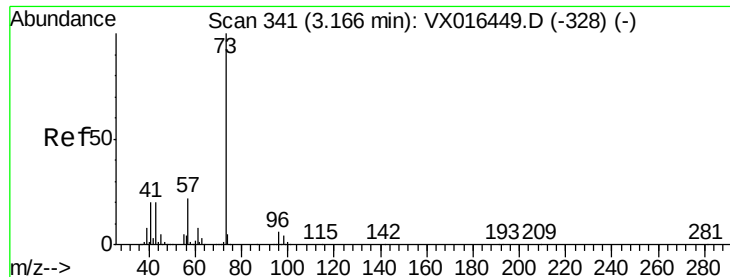
Tgt Ion: 43 Resp: 80665

Ion Ratio Lower Upper

43 100

74 24.6 19.7 29.5





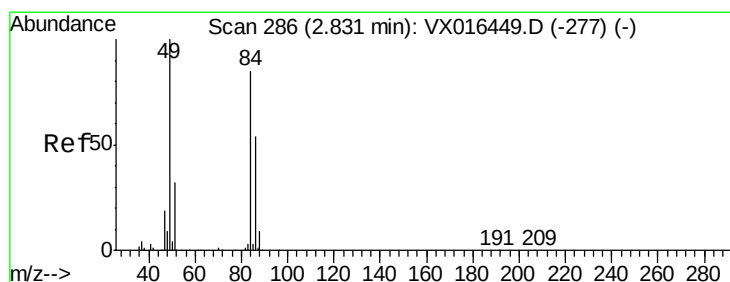
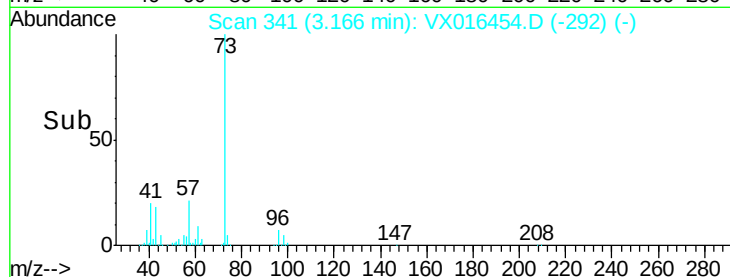
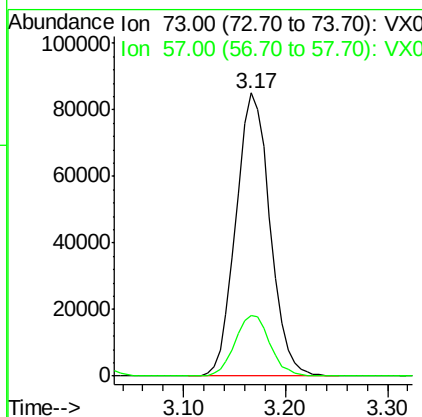
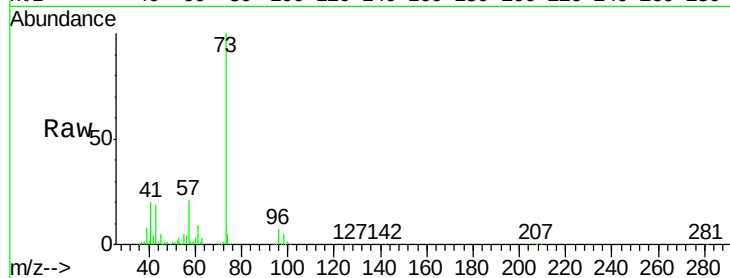
#19
Methyl tert-butyl Ether
Concen: 19.388 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016454.D
Acq: 27 May 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VX0527WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	17.8	26.6

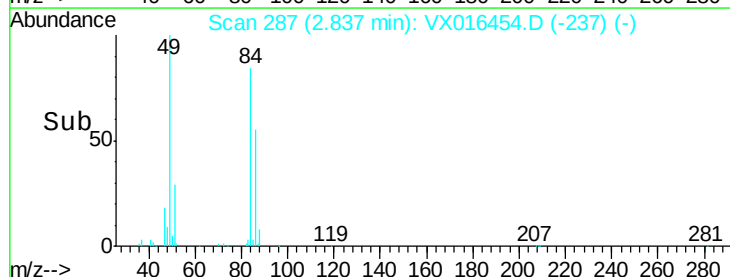
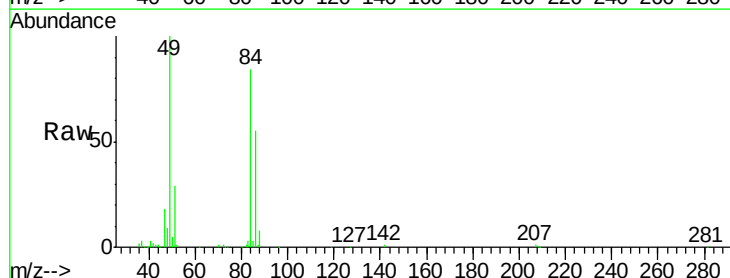
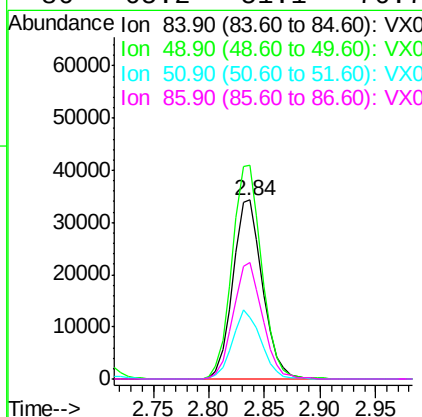
Manual Integrations
APPROVED

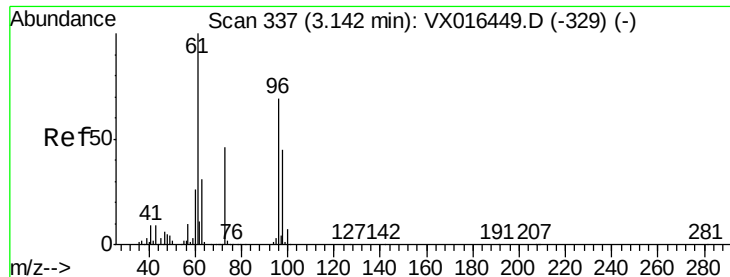
MMDadoda
5/28/2020 2:10:34 PM



#20
Methylene Chloride
Concen: 19.097 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX016454.D
Acq: 27 May 2020 18:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.6	94.5	141.7
51	34.7	30.2	45.4
86	65.2	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 19.283 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

Instrument :

MSVOA_X

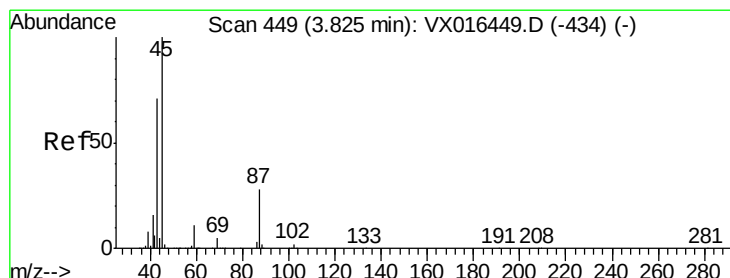
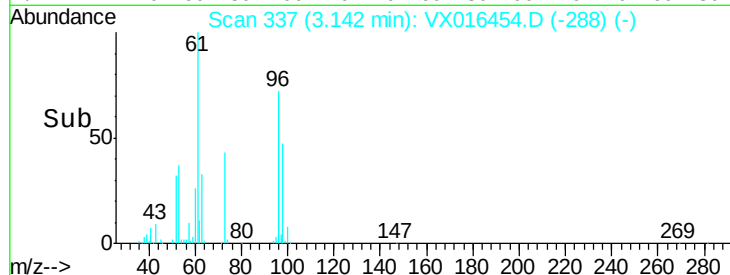
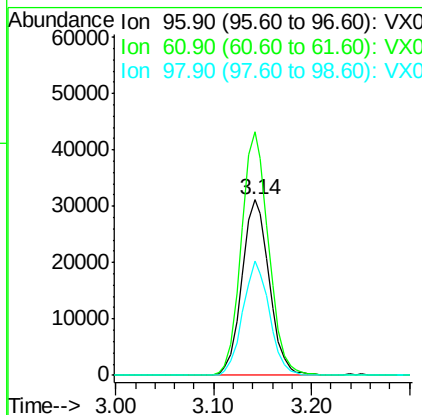
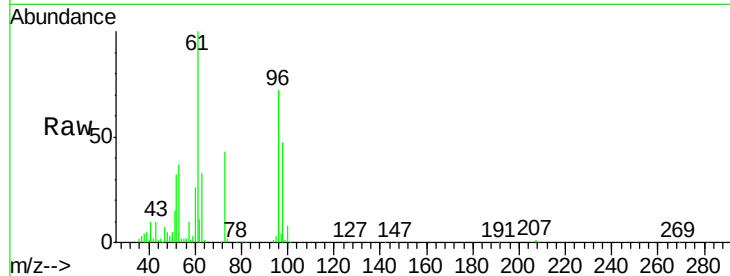
ClientSampleId :

VX0527WBS01

Tot Ion:	96	Resp:	60468
Ion Ratio	Lower	Upper	
96	100		
61	139.0	115.3	172.9
98	65.0	51.9	77.9

Manual Integrations
APPROVED

MMDadoda
5/28/2020 2:10:34 PM



#22

Diisopropyl ether

Concen: 19.845 ug/l

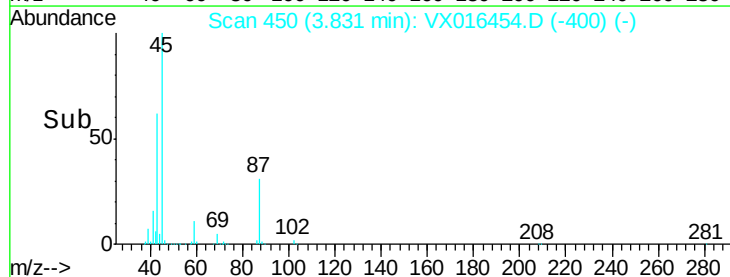
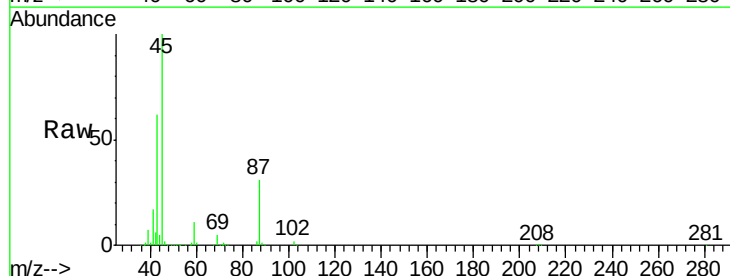
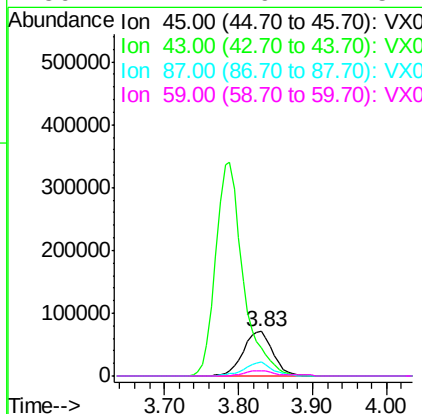
RT: 3.83 min Scan# 450

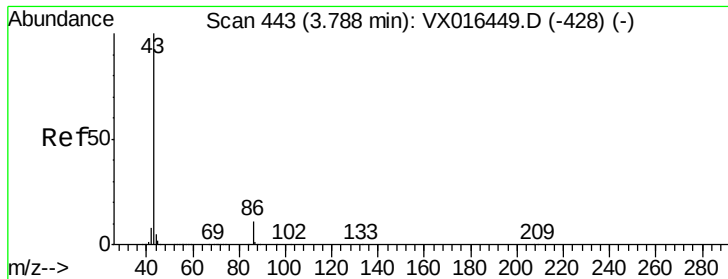
Delta R.T. 0.01 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

Tgt Ion:	45	Resp:	198769
Ion Ratio	Lower	Upper	
45	100		
43	61.8	57.0	85.6
87	30.9	22.5	33.7
59	11.4	9.1	13.7





#23

Vinyl Acetate

Concen: 99.471 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VX0527WBS01

Tot Ion: 43 Resp: 872055

Ion Ratio Lower Upper

43 100

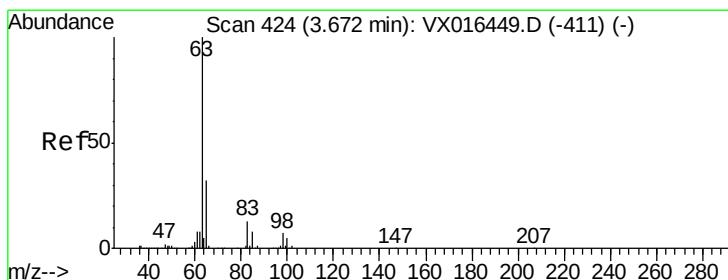
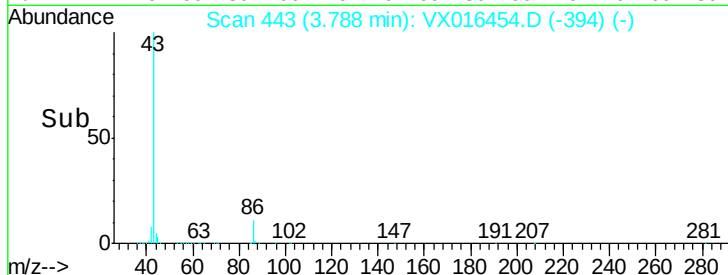
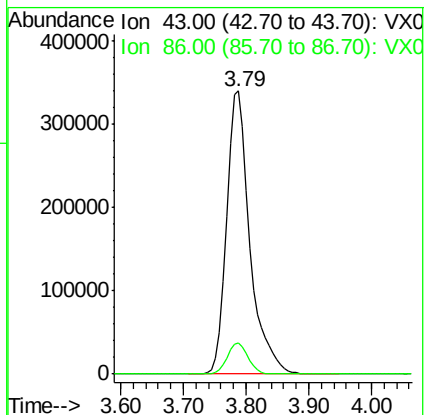
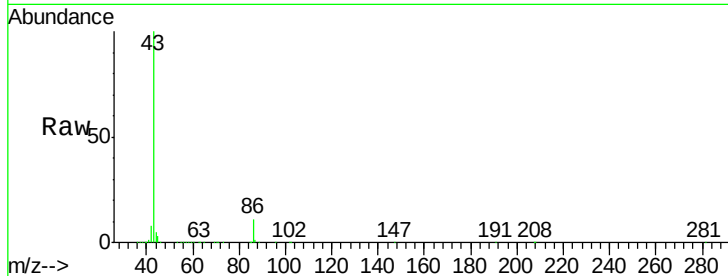
86 11.2 8.6 13.0

Manual Integrations

APPROVED

MMDadoda

5/28/2020 2:10:34 PM



#24

1,1-Dichloroethane

Concen: 19.304 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

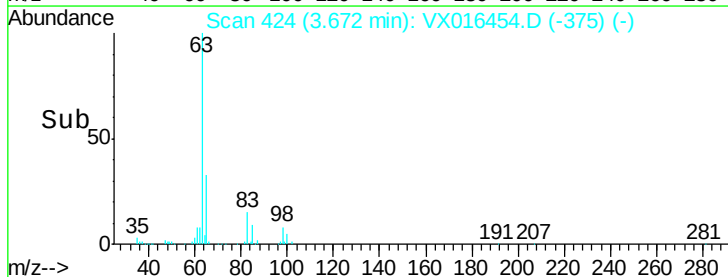
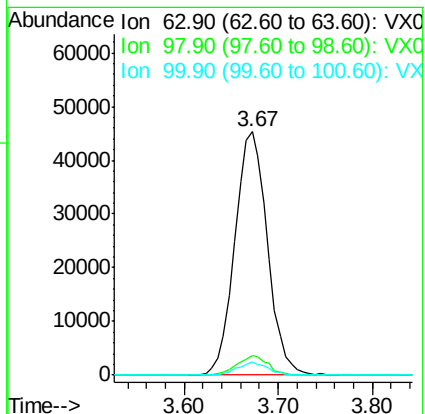
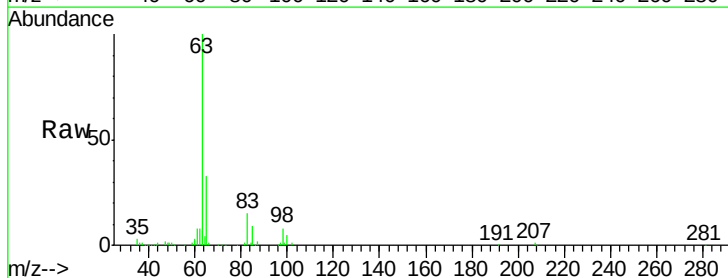
Tgt Ion: 63 Resp: 109130

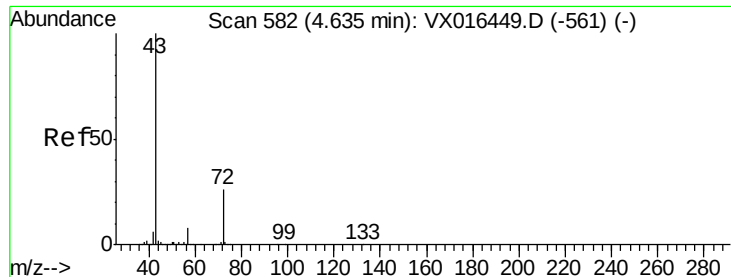
Ion Ratio Lower Upper

63 100

98 7.8 3.6 10.9

100 5.3 2.4 7.1





#25

2-Butanone

Concen: 97.532 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

Tot Ion: 43 Resp: 264935

Ion Ratio Lower Upper

43 100

72 25.8 21.0 31.6

Instrument :

MSVOA_X

ClientSampled :

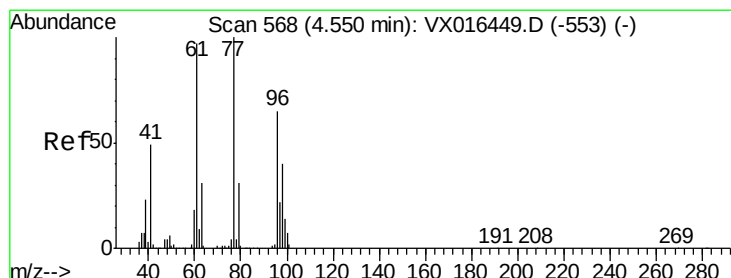
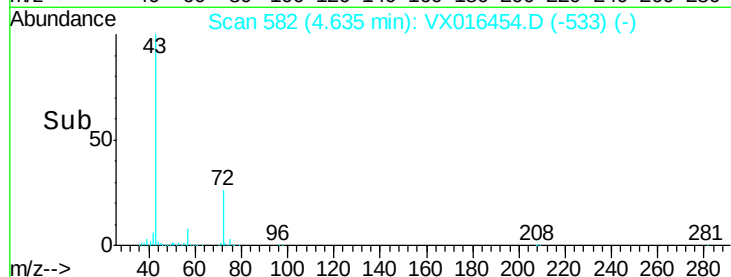
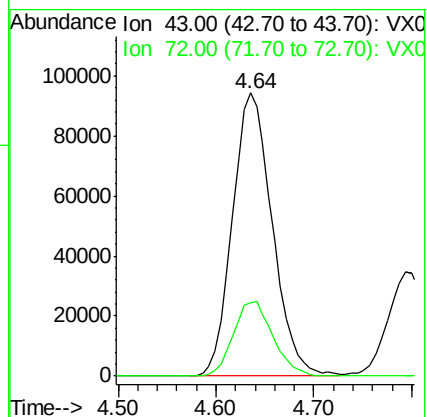
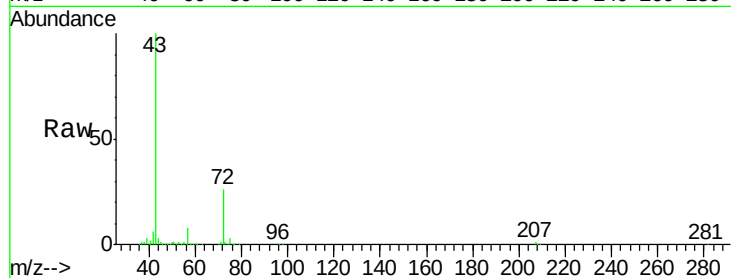
VX0527WBS01

Manual Integrations

APPROVED

MMDadoda

5/28/2020 2:10:34 PM



#26

2,2-Dichloropropane

Concen: 20.161 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX016454.D

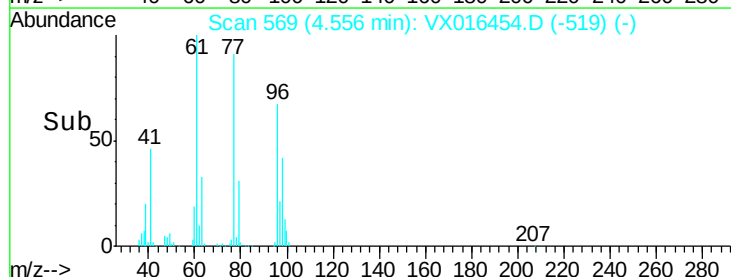
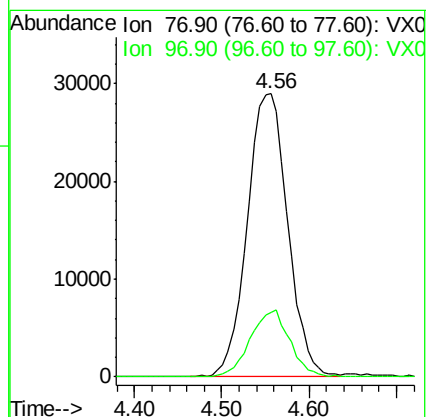
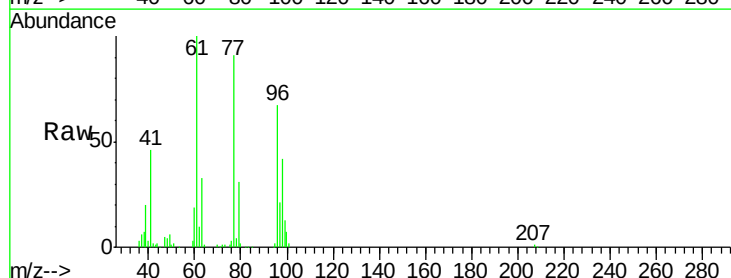
Acq: 27 May 2020 18:45

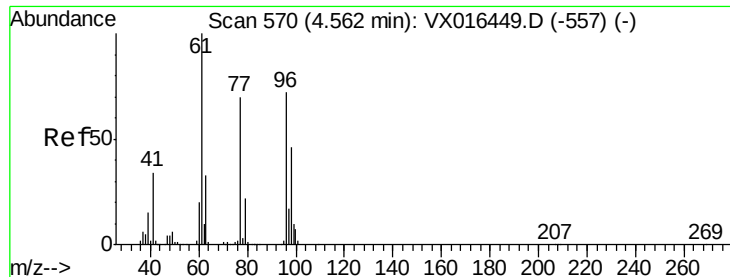
Tgt Ion: 77 Resp: 93262

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.4





#27

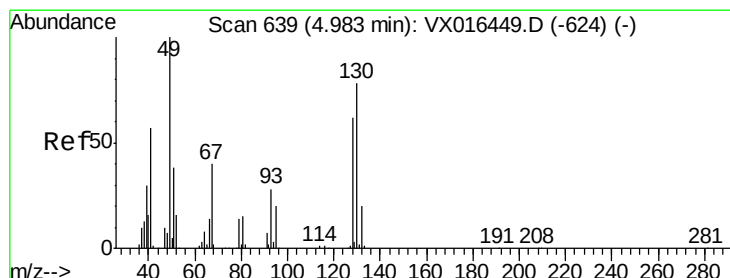
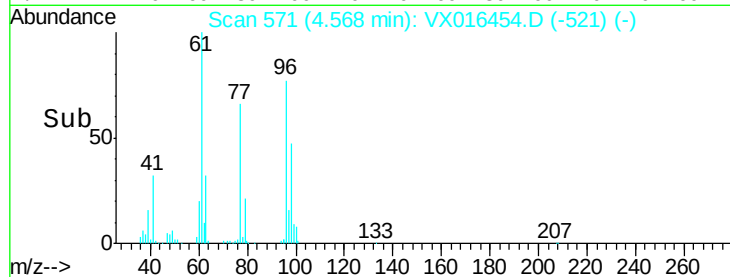
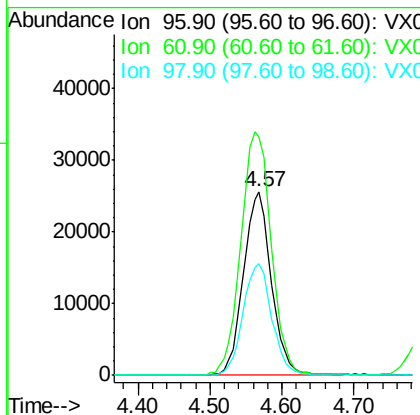
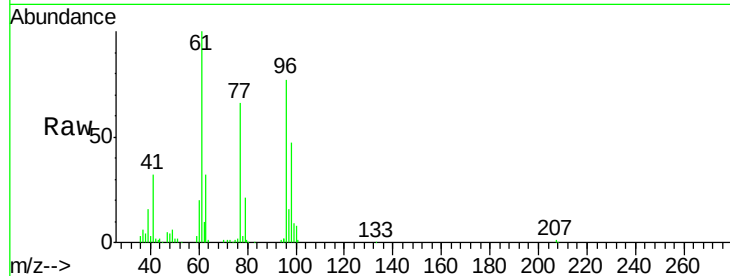
cis-1,2-Dichloroethene
Concen: 19.042 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX016454.D
Acq: 27 May 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VX0527WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.4	0.0	284.6
98	62.6	0.0	127.2

Manual Integrations
APPROVED

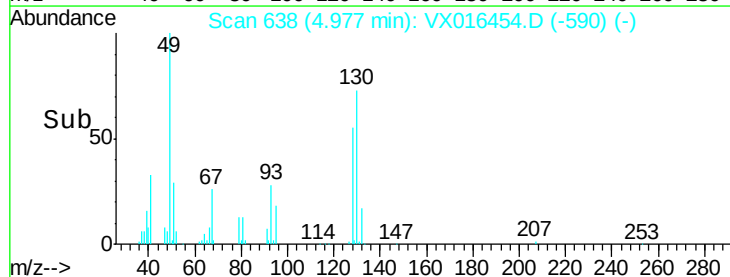
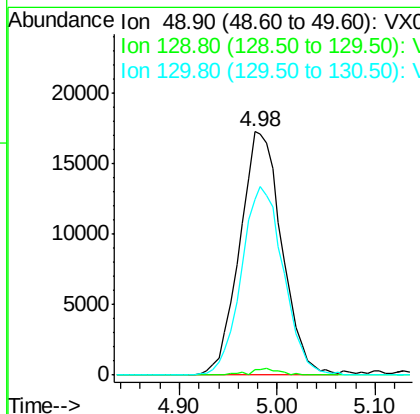
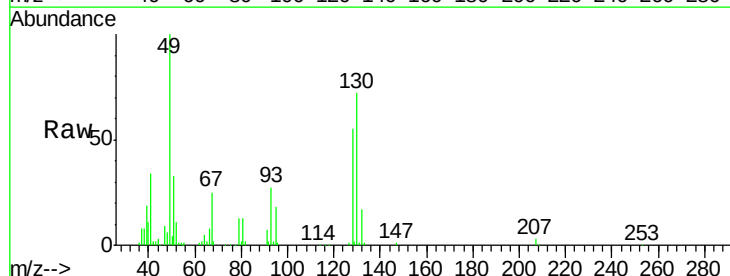
MMDadoda
5/28/2020 2:10:34 PM

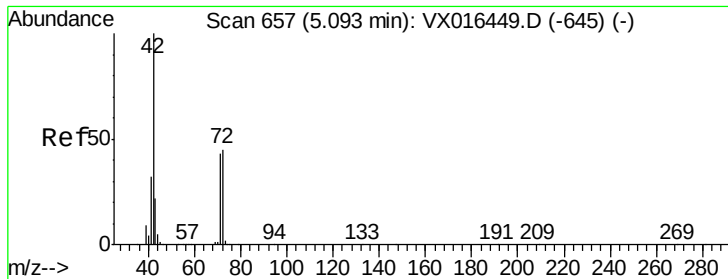


#28

Bromochloromethane
Concen: 19.620 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016454.D
Acq: 27 May 2020 18:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	77.4	63.0	94.4





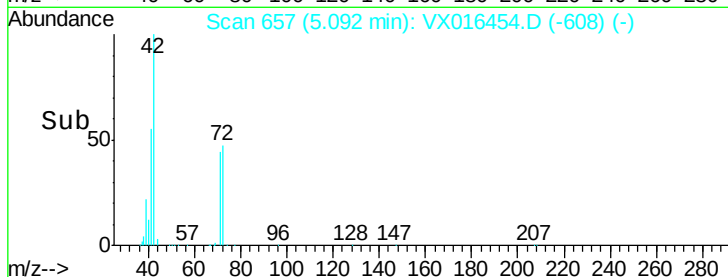
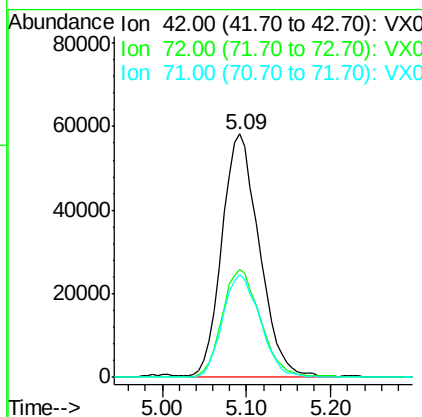
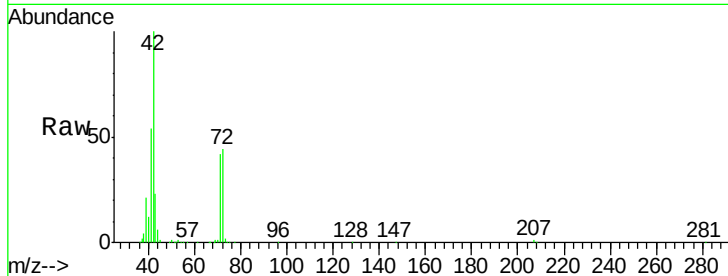
#29
Tetrahydrofuran
Concen: 99.904 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016454.D
Acq: 27 May 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VX0527WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.0	37.0	55.4
71	42.5	34.1	51.1

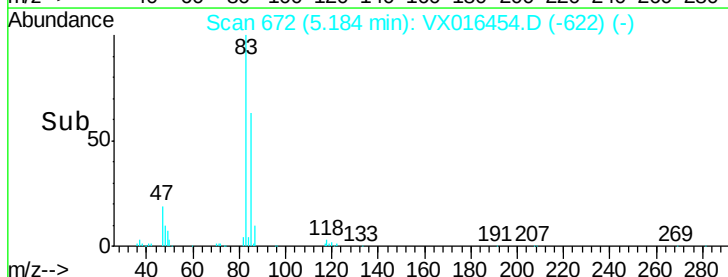
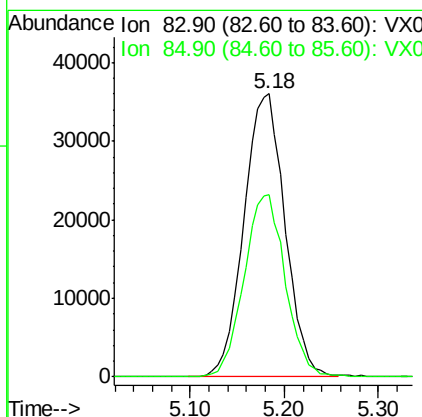
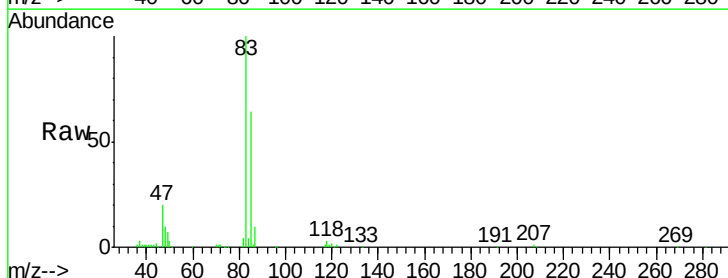
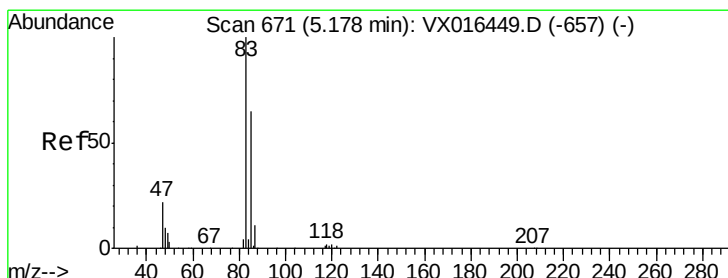
Manual Integrations
APPROVED

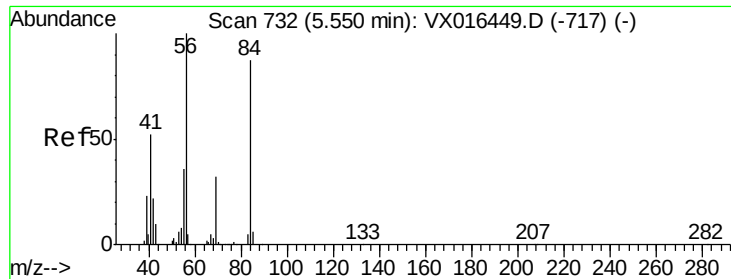
MMDadoda
5/28/2020 2:10:34 PM



#30
Chloroform
Concen: 19.287 ug/l
RT: 5.18 min Scan# 672
Delta R.T. 0.01 min
Lab File: VX016454.D
Acq: 27 May 2020 18:45

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.3	52.0	78.0





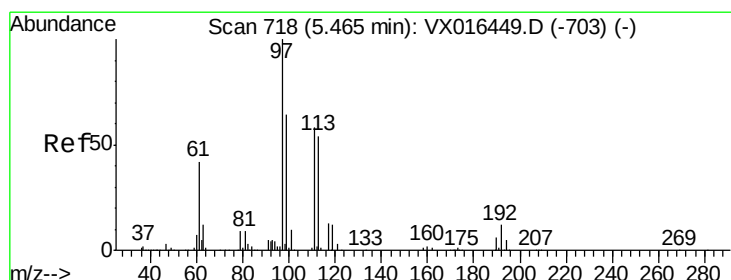
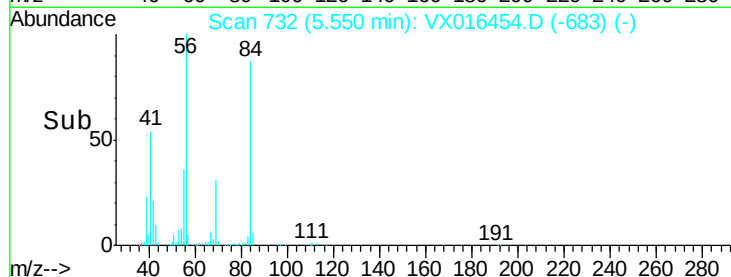
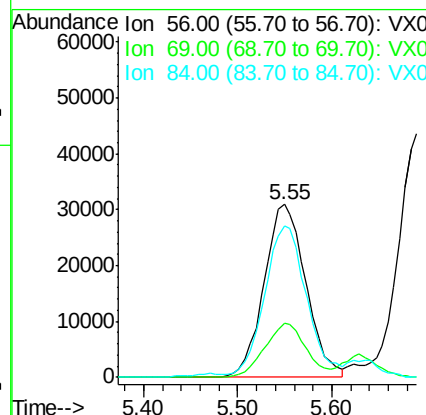
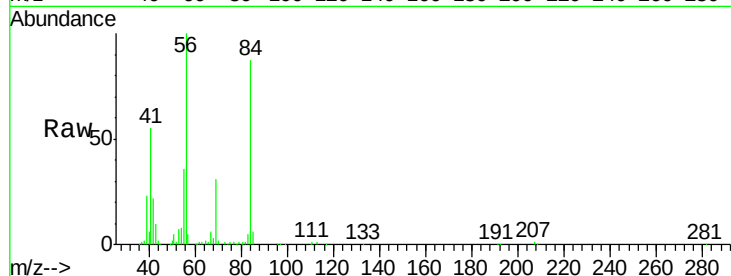
#31
Cyclohexane
Concen: 18.851 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016454.D
Acq: 27 May 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VX0527WBS01

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	31.2	25.7	38.5	
84	86.3	70.0	105.0	

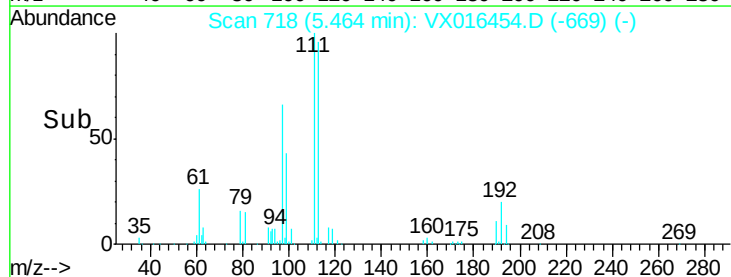
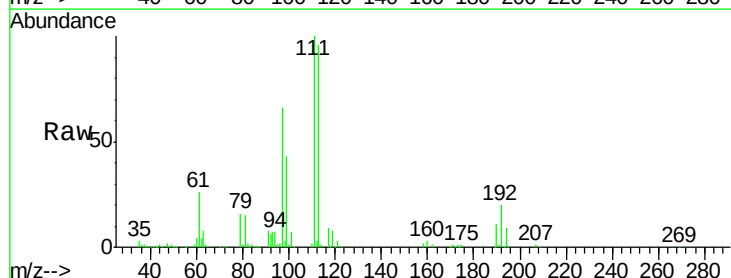
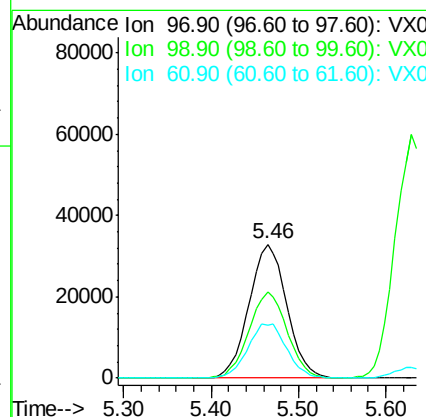
Manual Integrations
APPROVED

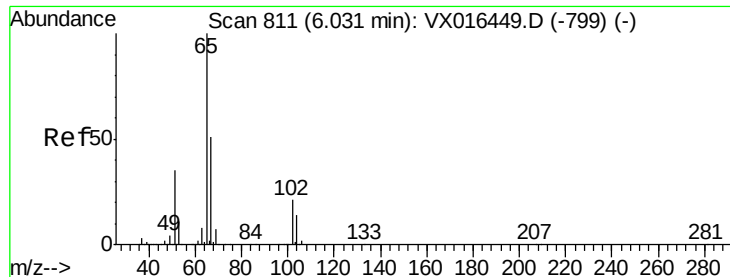
MMDadoda
5/28/2020 2:10:34 PM



#32
1,1,1-Trichloroethane
Concen: 19.221 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016454.D
Acq: 27 May 2020 18:45

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	65.0	51.4	77.2	
61	41.8	33.5	50.3	





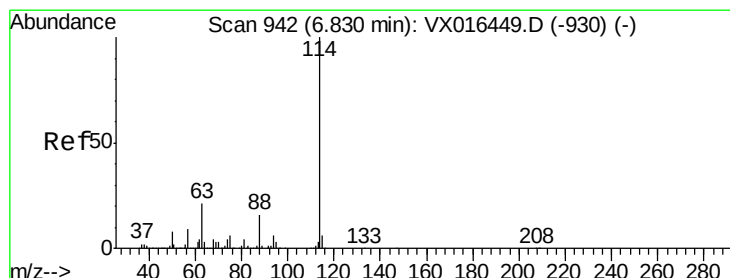
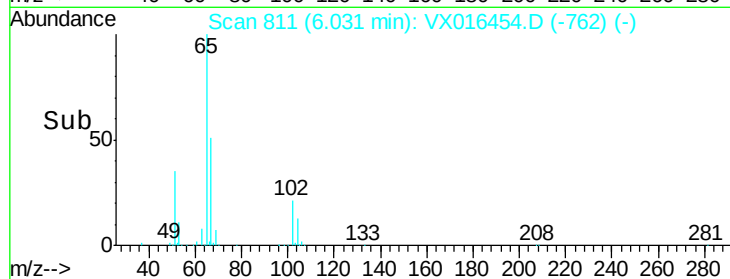
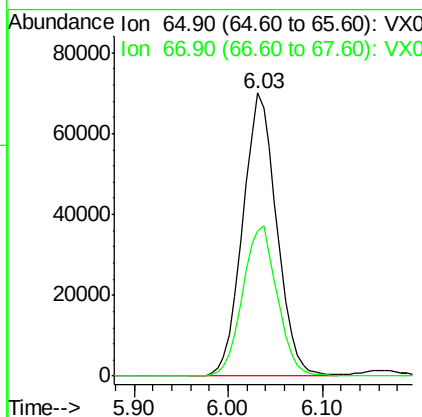
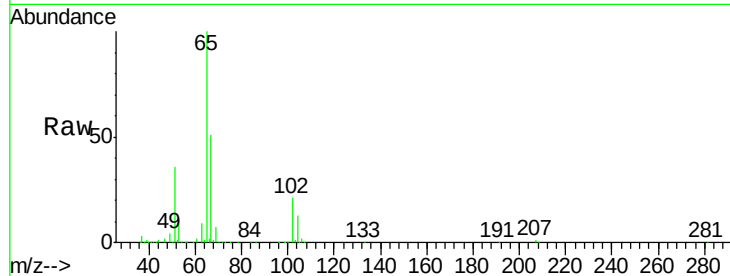
#33
 1,2-Dichloroethane-d4
 Concen: 48.510 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016454.D
 Acq: 27 May 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0527WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	177500		
67	54.0	0.0	104.8	

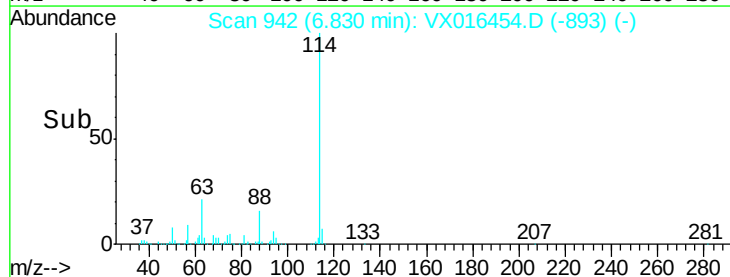
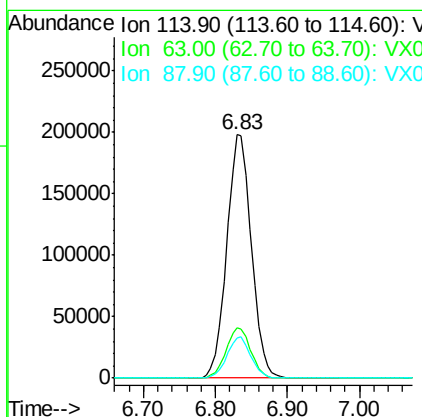
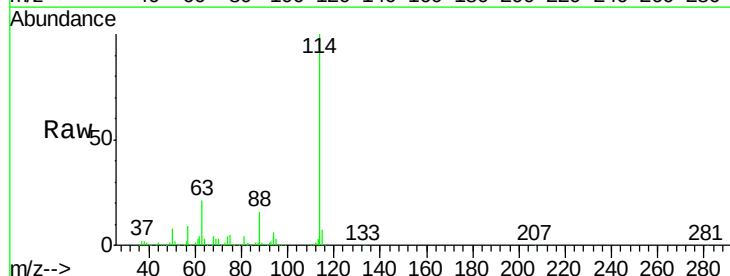
Manual Integrations
 APPROVED

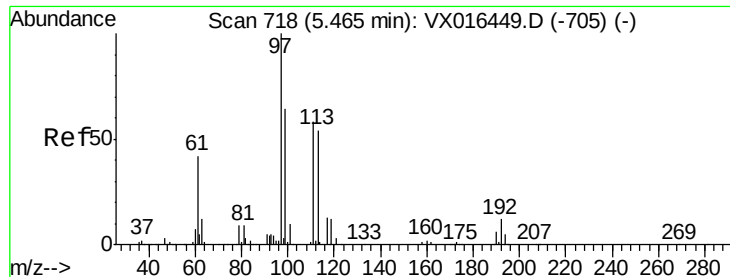
MMDadoda
 5/28/2020 2:10:34 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016454.D
 Acq: 27 May 2020 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	470803		
63	20.9	0.0	42.6	
88	16.4	0.0	32.8	





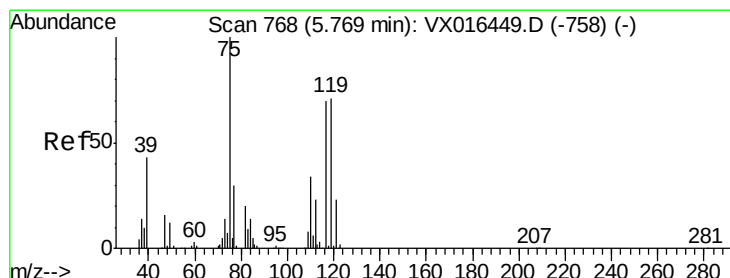
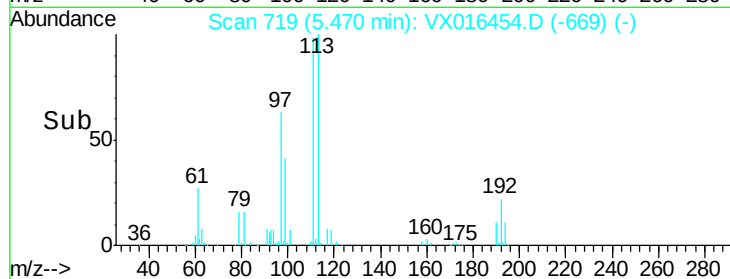
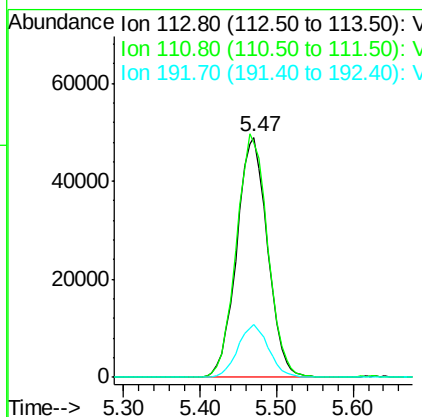
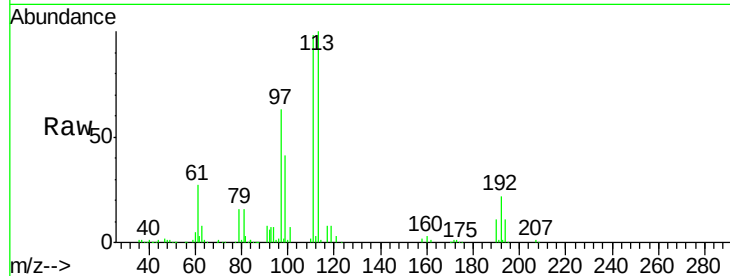
#35
Dibromofluoromethane
Concen: 47.391 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016454.D
Acq: 27 May 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VX0527WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	137385		
111	102.7	83.0	124.6	
192	21.8	17.7	26.5	

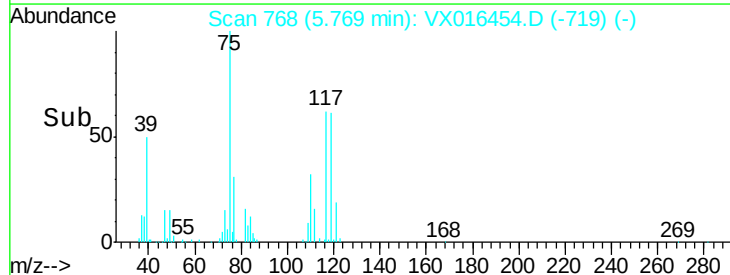
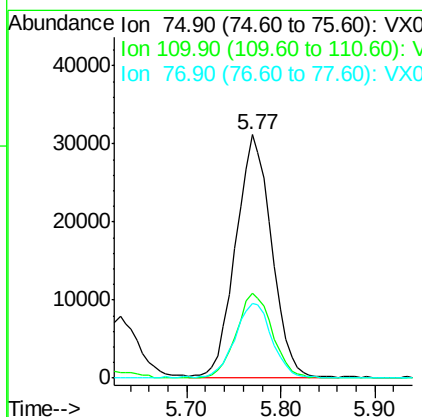
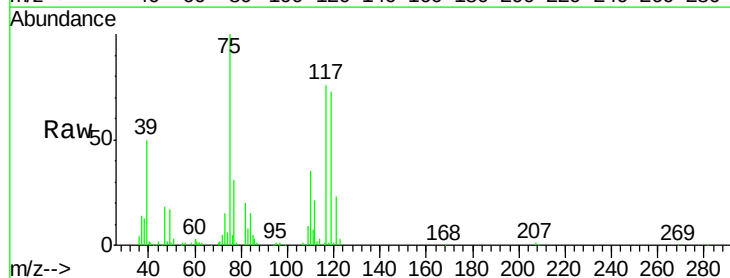
Manual Integrations
APPROVED

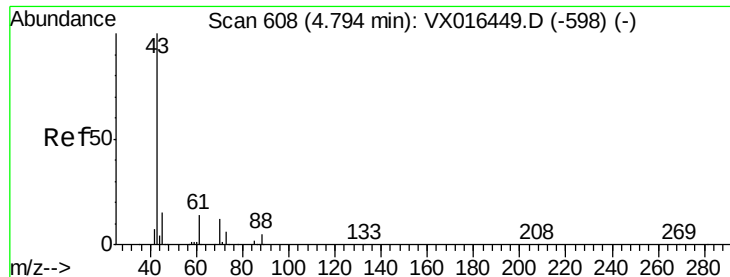
MMDadoda
5/28/2020 2:10:34 PM



#36
1,1-Dichloropropene
Concen: 18.495 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016454.D
Acq: 27 May 2020 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	82445		
110	35.5	17.4	52.3	
77	32.1	24.2	36.4	





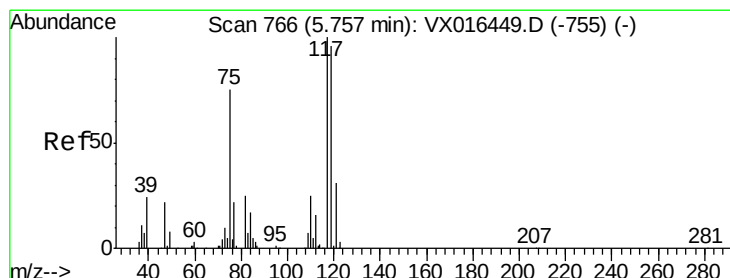
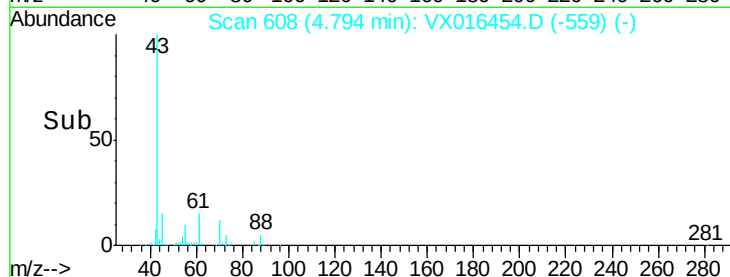
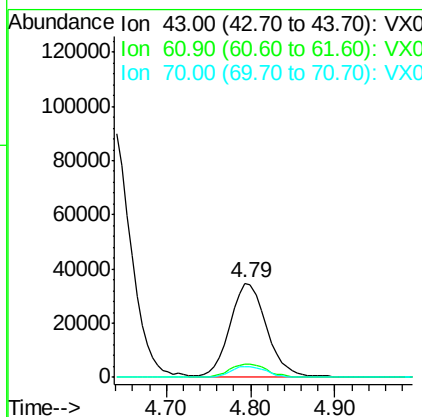
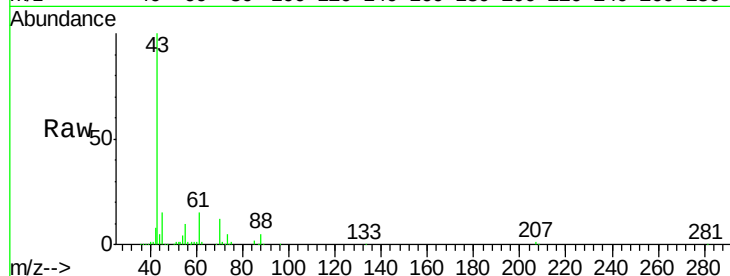
#37
Ethyl Acetate
Concen: 18.868 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016454.D
Acq: 27 May 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VX0527WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.3	16.9
70	12.1	9.3	13.9

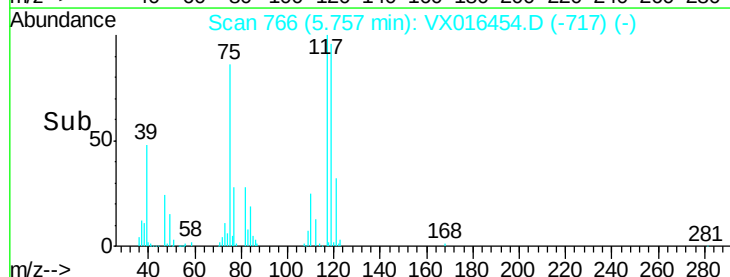
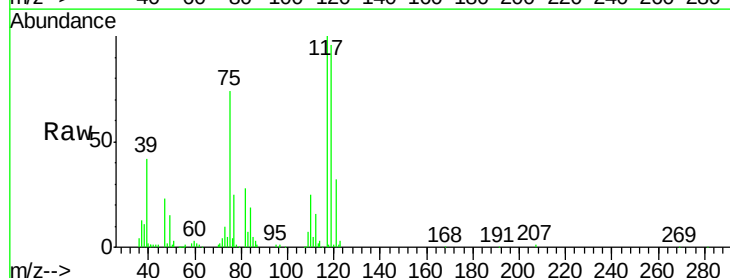
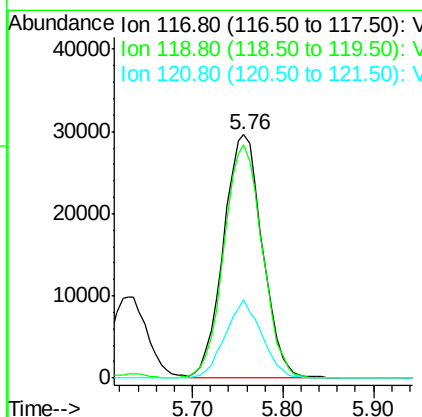
Manual Integrations
APPROVED

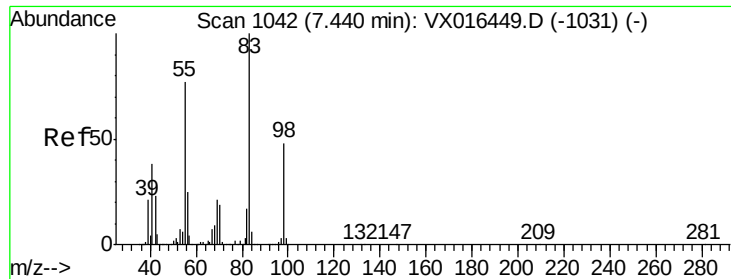
MMDadoda
5/28/2020 2:10:34 PM



#38
Carbon Tetrachloride
Concen: 18.718 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016454.D
Acq: 27 May 2020 18:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.3	114.5
121	32.2	24.6	37.0





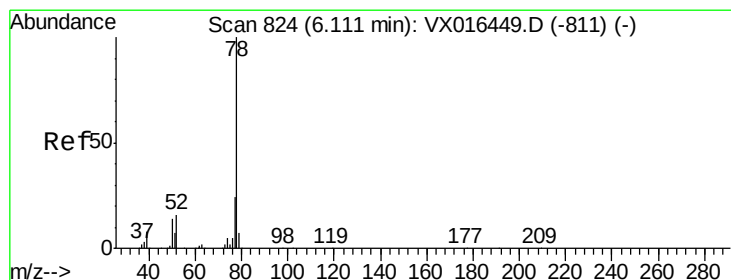
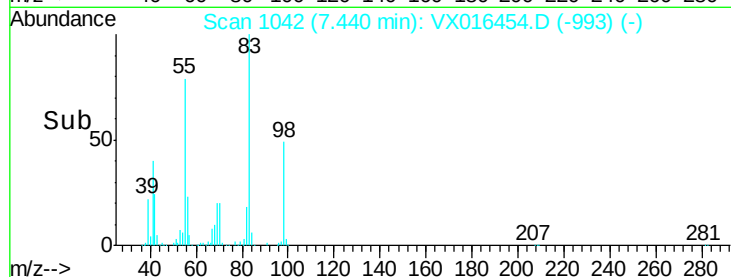
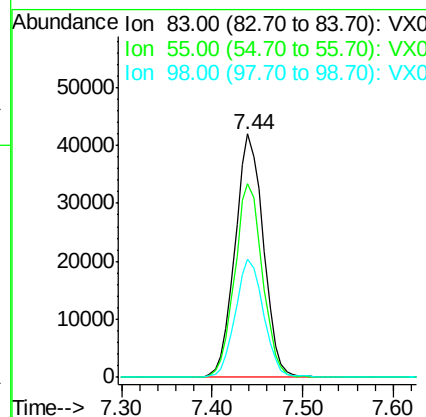
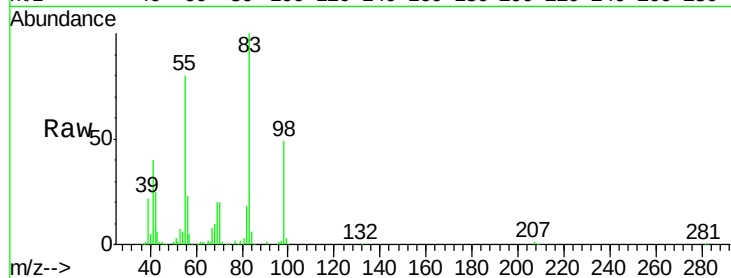
#39
Methylvlcyclohexane
Concen: 18.827 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016454.D
Acq: 27 May 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VX0527WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.7	61.7	92.5
98	48.8	38.7	58.1

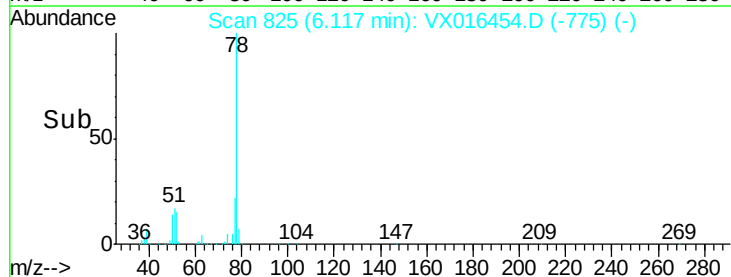
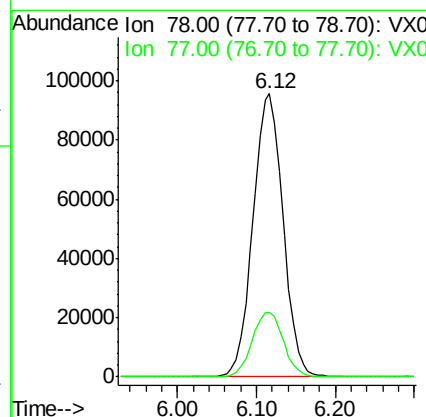
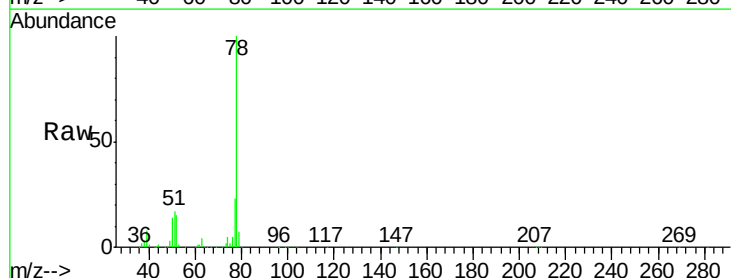
Manual Integrations
APPROVED

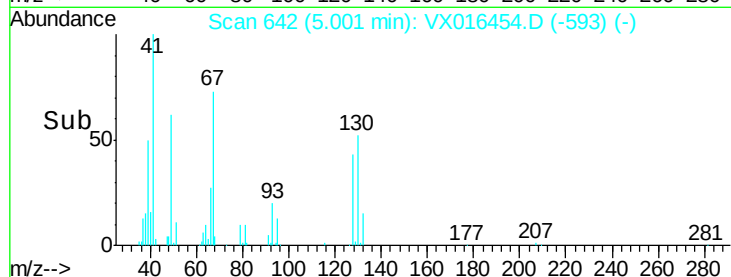
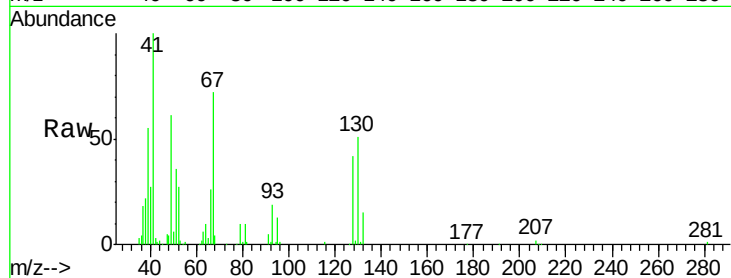
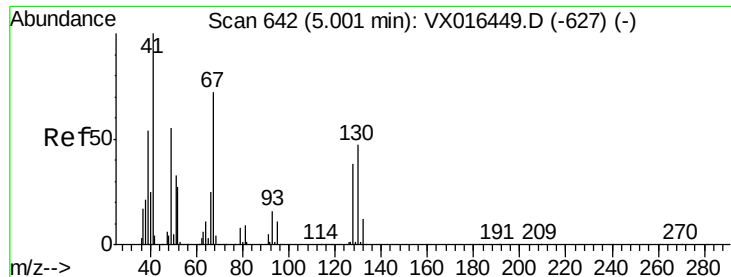
MMDadoda
5/28/2020 2:10:34 PM



#40
Benzene
Concen: 19.053 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX016454.D
Acq: 27 May 2020 18:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.9	28.3





#41

Methacrylonitrile

Concen: 18.667 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		54873		
39	53.3	43.0	64.4		
67	73.3	58.9	88.3		
52	29.4	23.1	34.7		

Instrument :

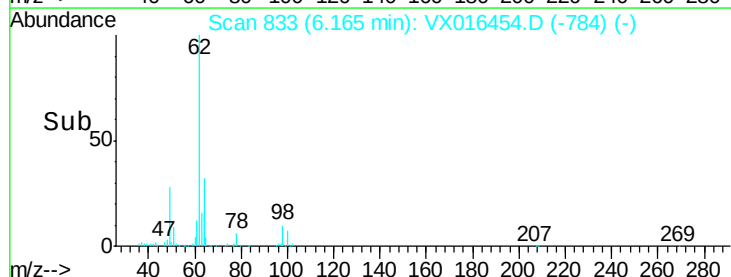
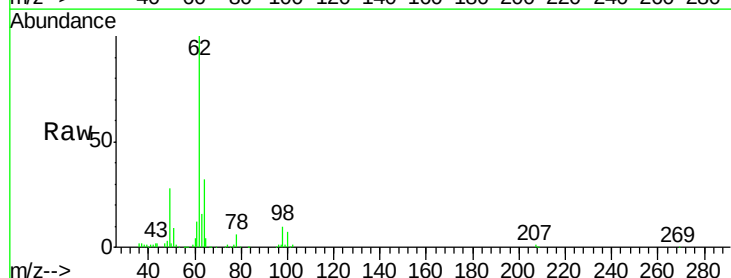
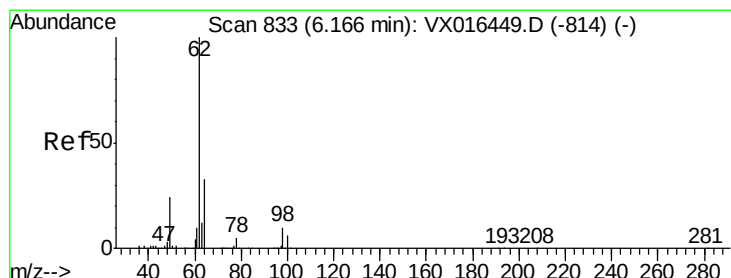
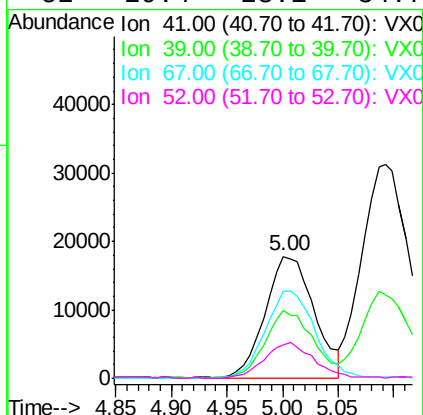
MSVOA_X

ClientSampleId :

VX0527WBS01

Manual Integrations
APPROVED

MMDadoda
5/28/2020 2:10:34 PM



#42

1,2-Dichloroethane

Concen: 18.901 ug/l

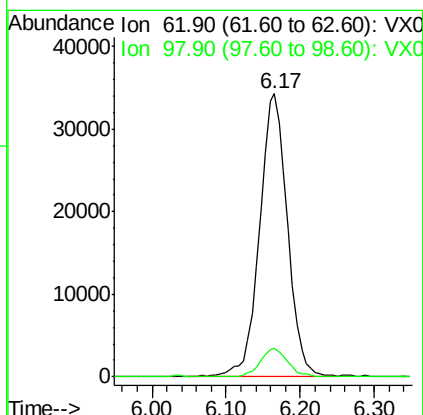
RT: 6.17 min Scan# 833

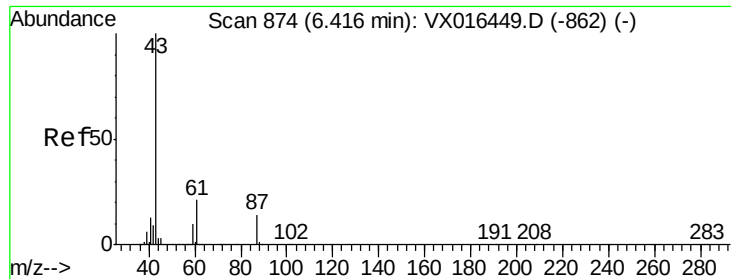
Delta R.T. -0.00 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		89227		
98	9.9	0.0	19.8		





#43

Isopropyl Acetate

Concen: 18.985 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

Instrument :

MSVOA_X

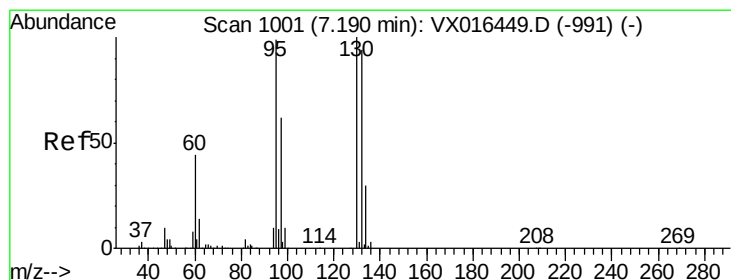
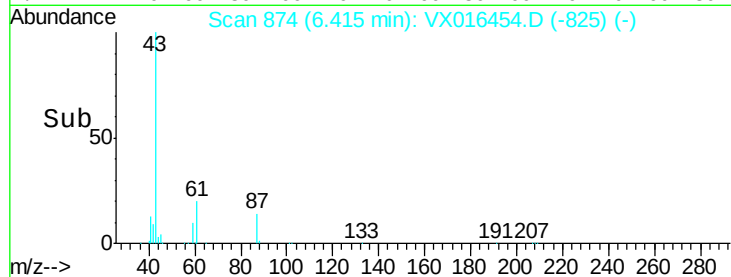
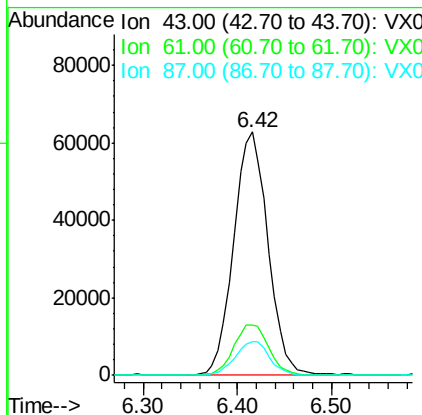
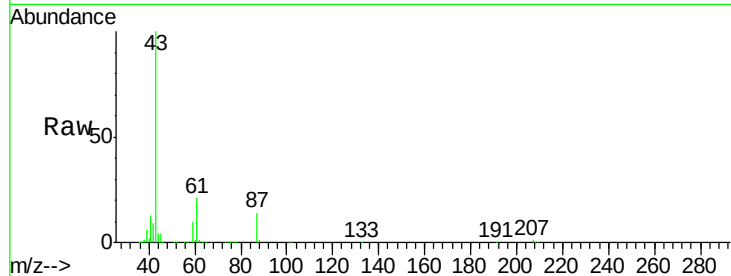
ClientSampleId :

VX0527WBS01

Tot Ion:	43	Resp:	158479
Ion	Ratio	Lower	Upper
43	100		
61	21.5	16.8	25.2
87	14.1	11.2	16.8

Manual Integrations
APPROVED

MMDadoda
5/28/2020 2:10:34 PM



#44

Trichloroethene

Concen: 18.594 ug/l

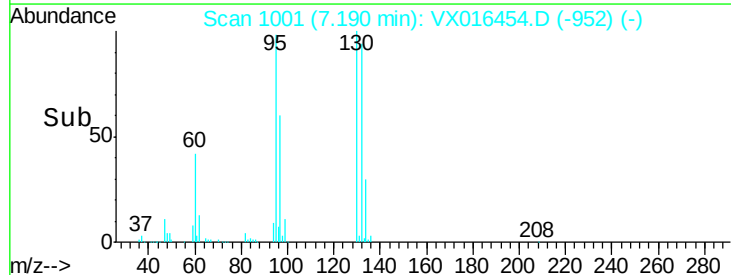
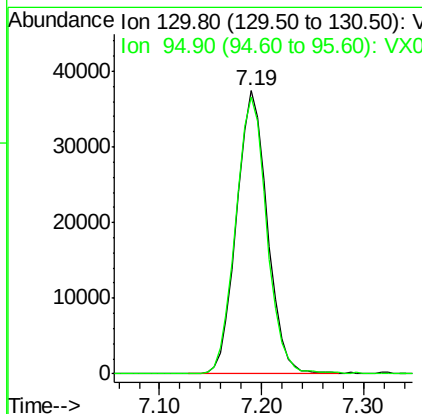
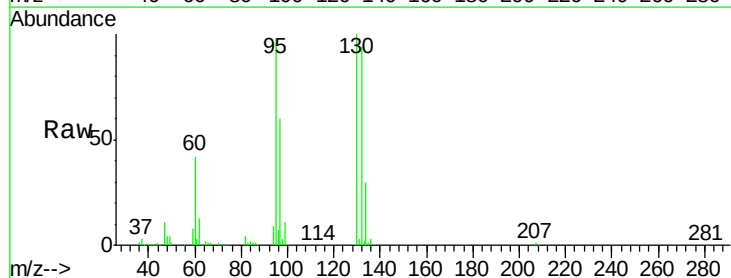
RT: 7.19 min Scan# 1001

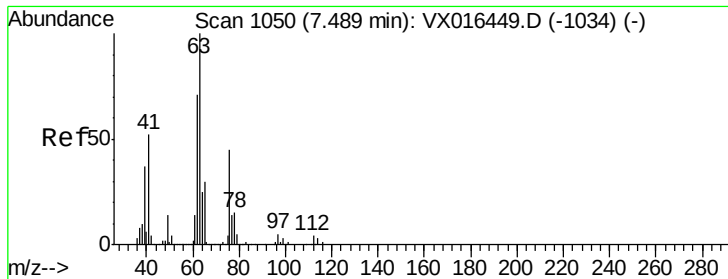
Delta R.T. -0.00 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

Tgt Ion:	130	Resp:	78311
Ion	Ratio	Lower	Upper
130	100		
95	98.1	0.0	198.2





#45

1,2-Dichloropropane

Concen: 19.092 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VX0527WBS01

Tot Ion: 63 Resp: 64519

Ion Ratio Lower Upper

63 100

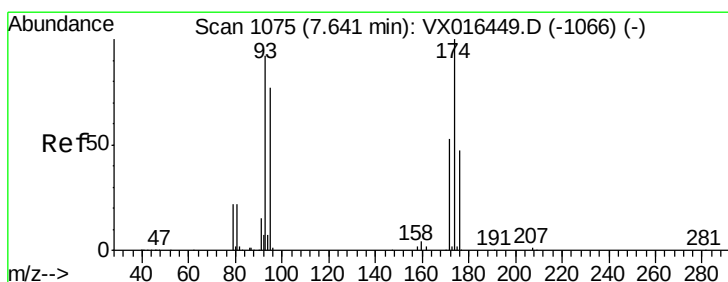
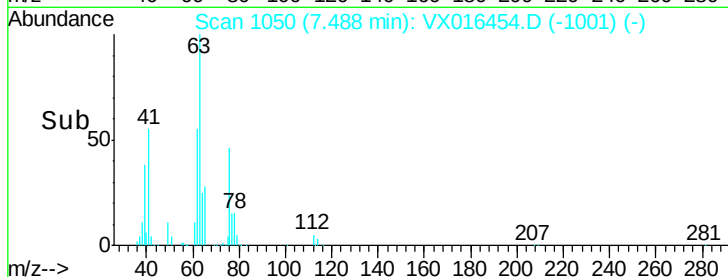
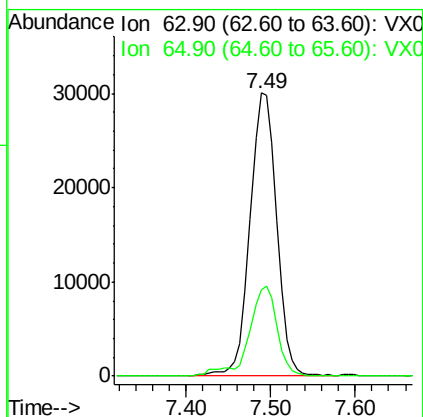
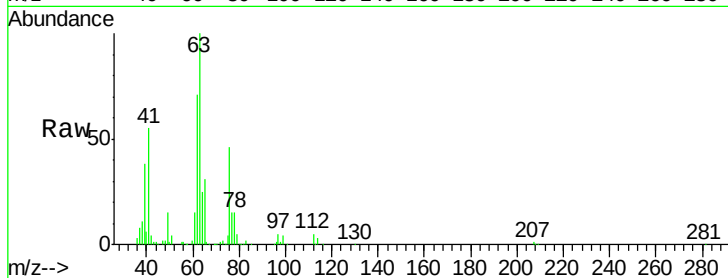
65 30.6 24.2 36.2

Manual Integrations

APPROVED

MMDadoda

5/28/2020 2:10:34 PM



#46

Dibromomethane

Concen: 18.617 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

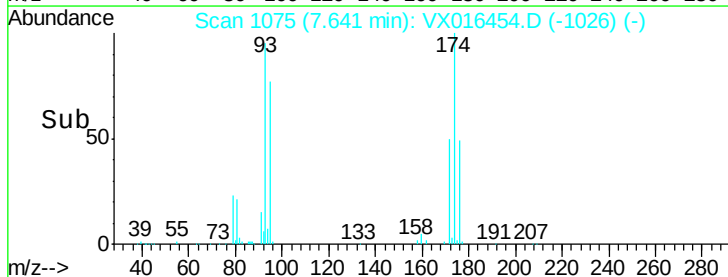
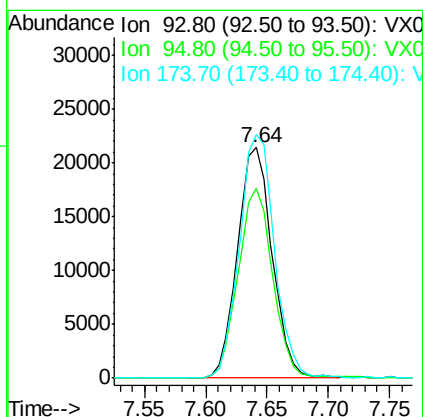
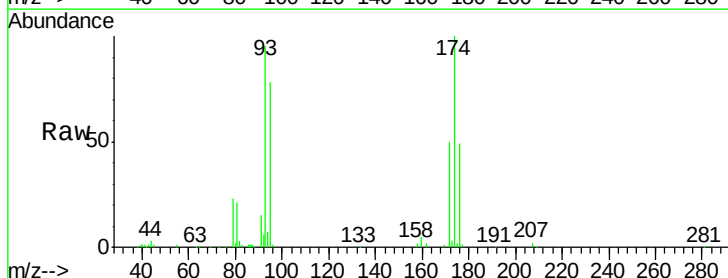
Tgt Ion: 93 Resp: 42257

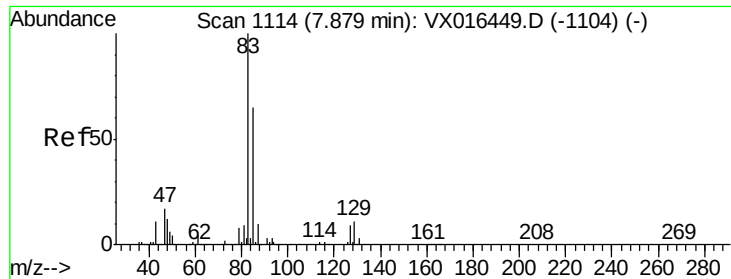
Ion Ratio Lower Upper

93 100

95 82.3 66.6 100.0

174 107.1 86.2 129.4





#47

Bromodichloromethane

Concen: 18.700 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

Instrument :

MSVOA_X

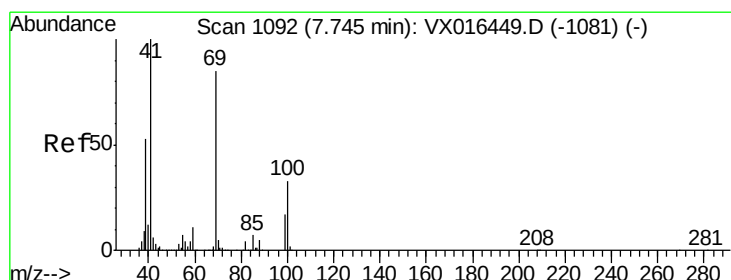
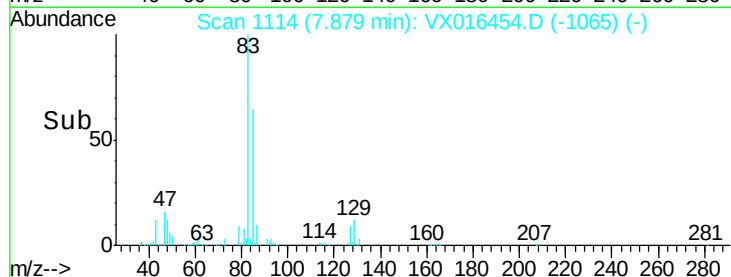
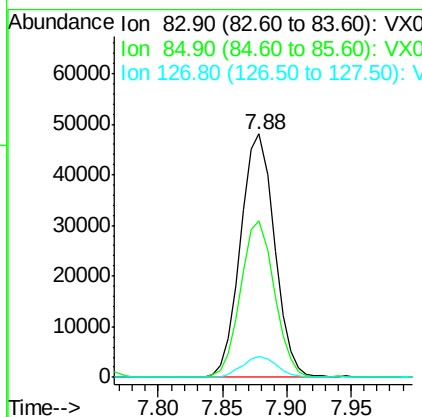
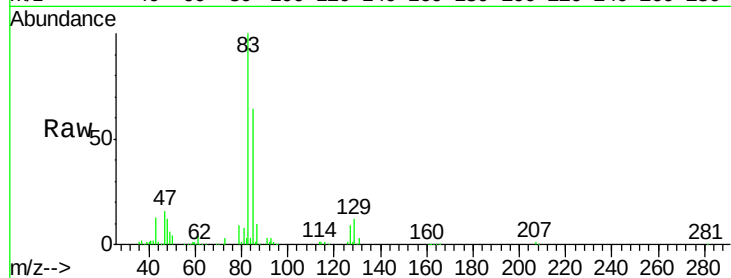
ClientSampleId :

VX0527WBS01

Tot Ion:	83	Resp:	87887
Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.0	78.0
127	8.8	7.4	11.0

Manual Integrations
APPROVED

MMDadoda
5/28/2020 2:10:34 PM



#48

Methyl methacrylate

Concen: 18.545 ug/l

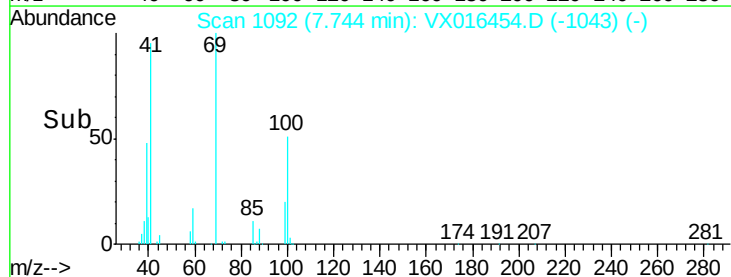
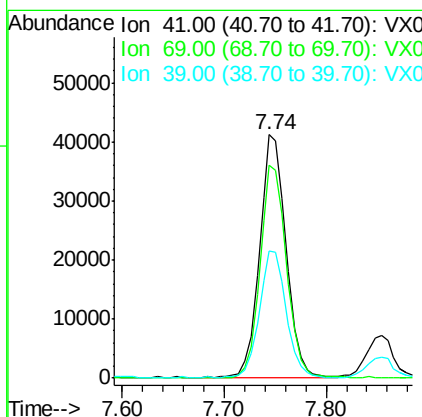
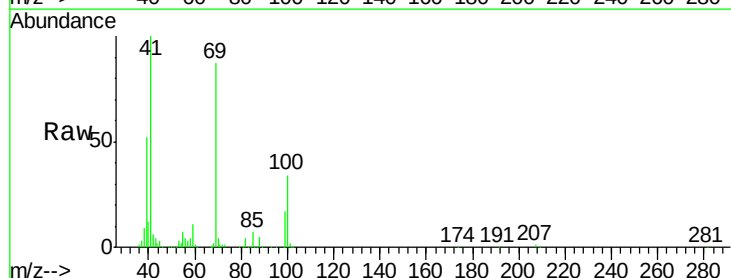
RT: 7.74 min Scan# 1092

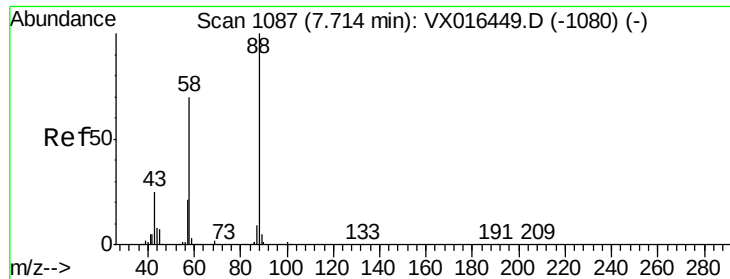
Delta R.T. -0.00 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

Tgt Ion:	41	Resp:	74123
Ion	Ratio	Lower	Upper
41	100		
69	88.1	68.6	102.8
39	52.6	42.4	63.6





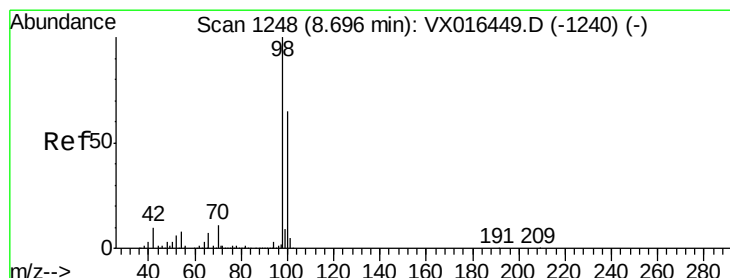
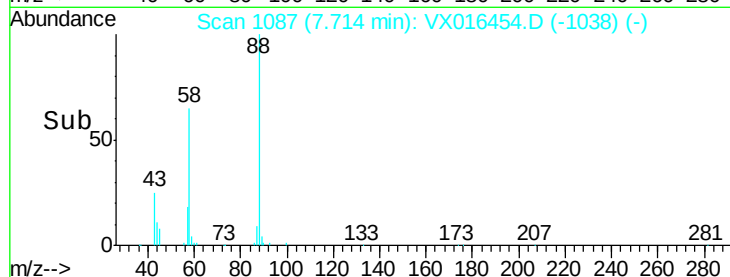
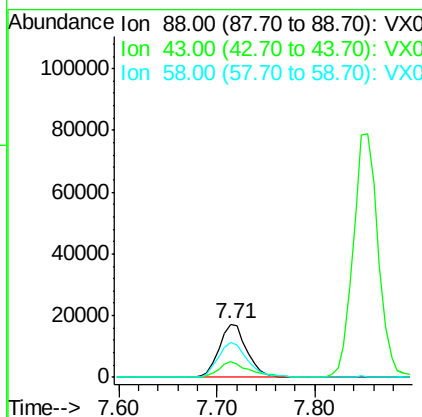
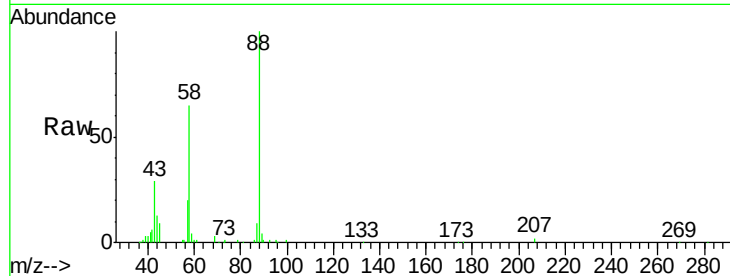
#49
1,4-Dioxane
Concen: 363.393 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016454.D
Acq: 27 May 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VX0527WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	32.0	24.2	36.4
58	69.2	56.5	84.7

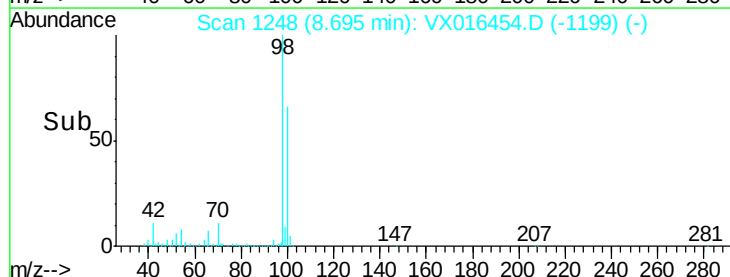
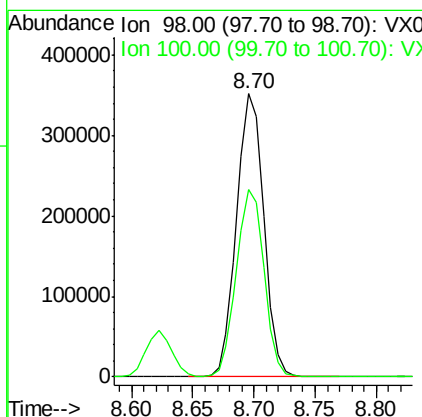
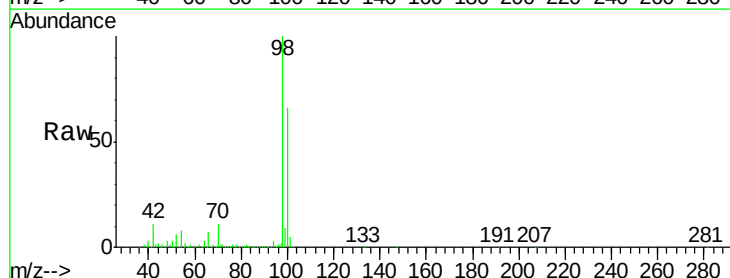
Manual Integrations
APPROVED

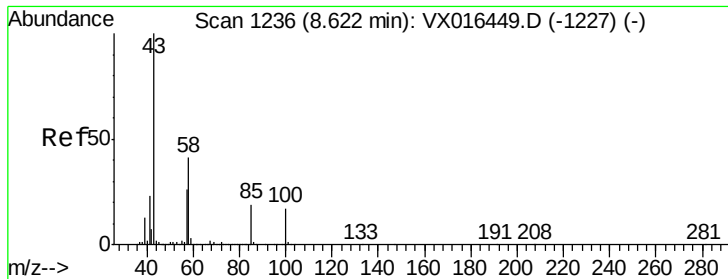
MMDadoda
5/28/2020 2:10:34 PM



#50
Toluene-d8
Concen: 48.148 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016454.D
Acq: 27 May 2020 18:45

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.8	80.6





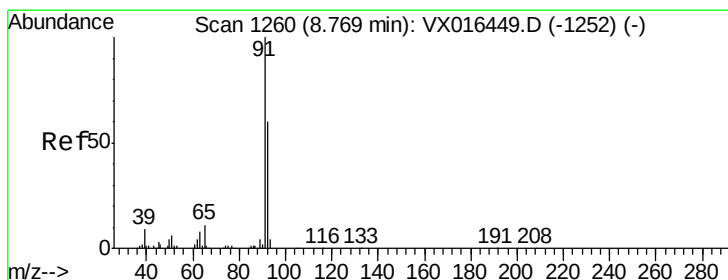
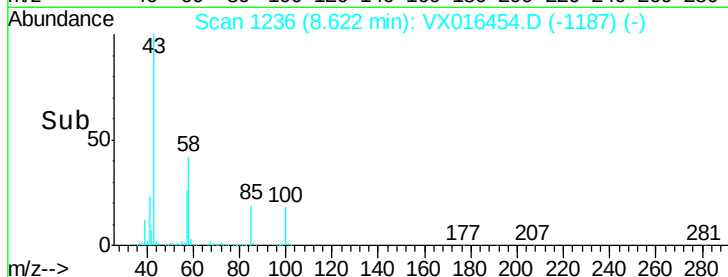
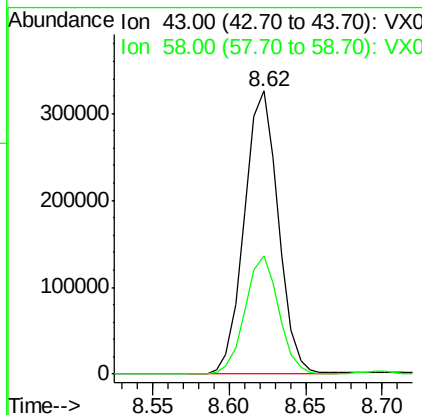
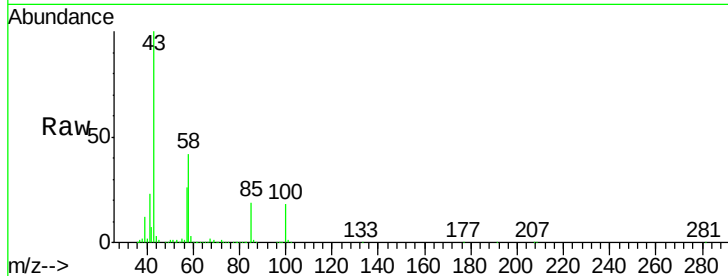
#51
 4-Methyl-2-Pentanone
 Concen: 96.785 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016454.D
 Acq: 27 May 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0527WBS01

Tot Ion	43	Resp	503070
Ion Ratio	100	Lower	Upper
43	100		
58	41.3	33.0	49.6

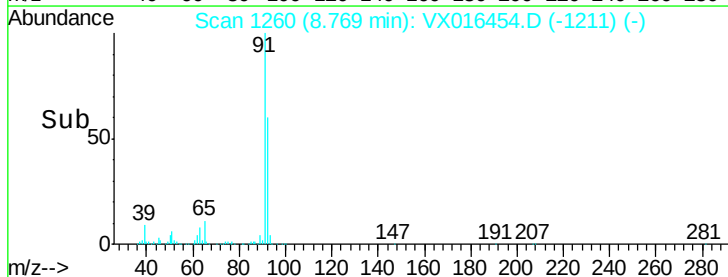
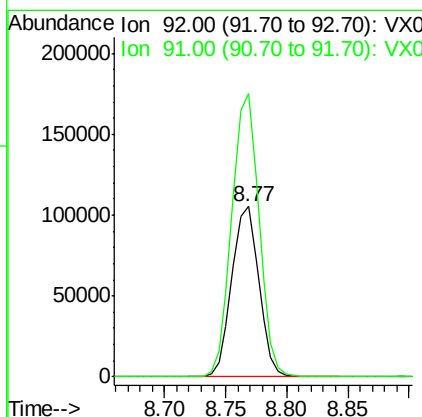
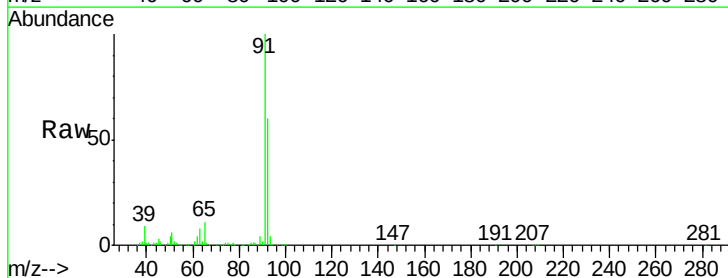
Manual Integrations
 APPROVED

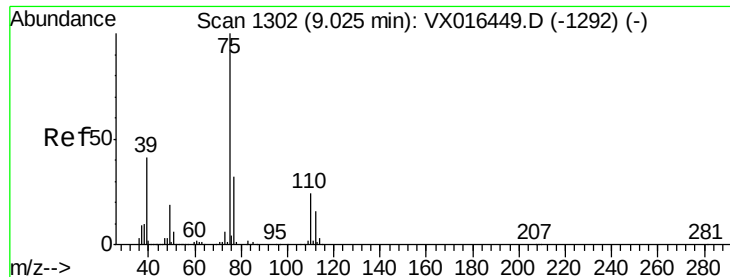
MMDadoda
 5/28/2020 2:10:34 PM



#52
 Toluene
 Concen: 19.294 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX016454.D
 Acq: 27 May 2020 18:45

Tgt Ion	92	Resp	161510
Ion Ratio	100	Lower	Upper
92	100		
91	166.8	135.0	202.4





#53

t-1,3-Dichloropropene

Concen: 18.645 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VX0527WBS01

Tot Ion: 75 Resp: 99644

Ion Ratio Lower Upper

75 100

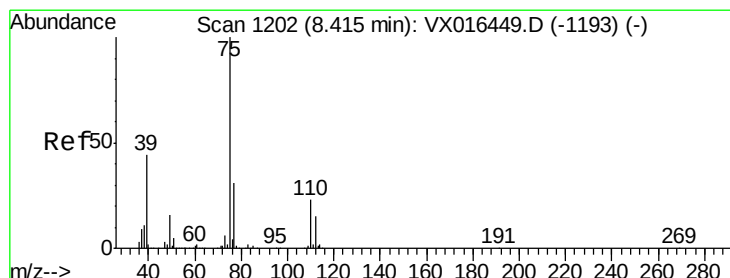
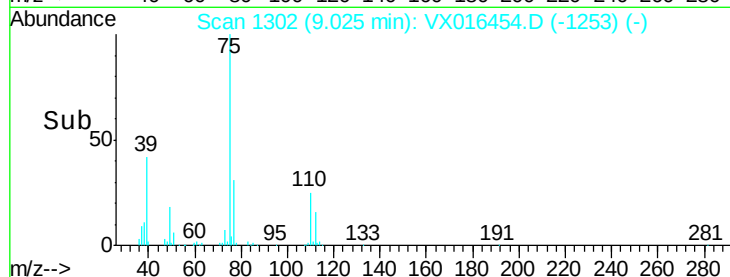
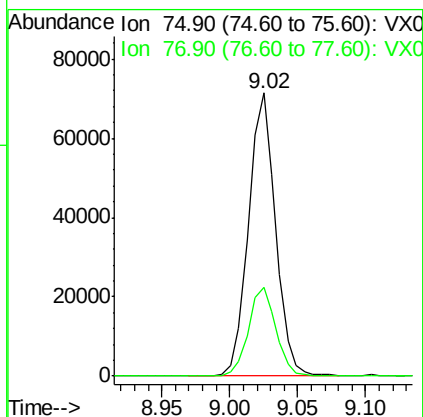
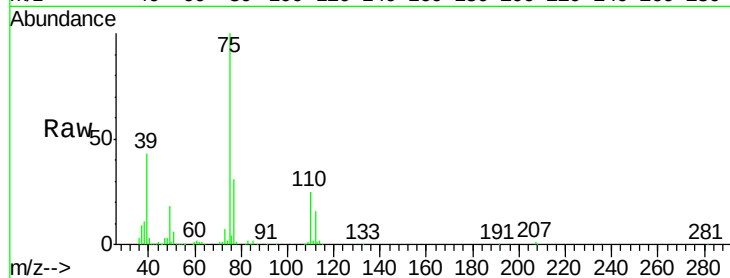
77 31.5 25.5 38.3

Manual Integrations

APPROVED

MMDadoda

5/28/2020 2:10:34 PM



#54

cis-1,3-Dichloropropene

Concen: 18.864 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

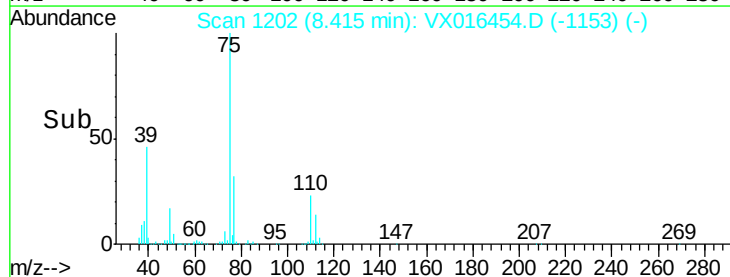
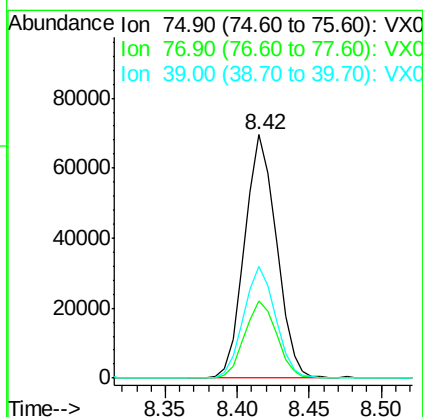
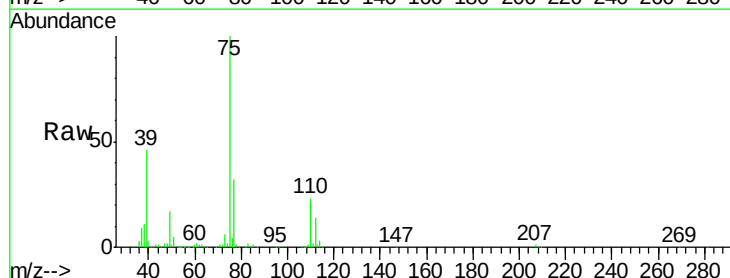
Tgt Ion: 75 Resp: 106708

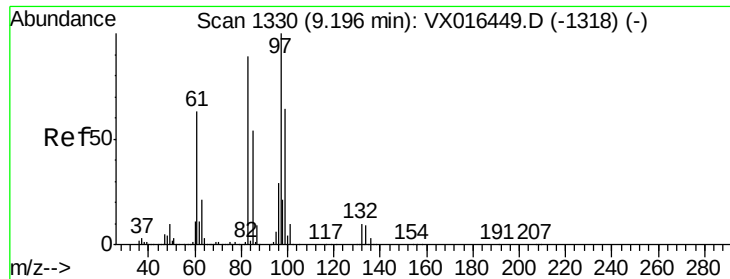
Ion Ratio Lower Upper

75 100

77 31.6 24.6 36.8

39 45.5 35.3 52.9





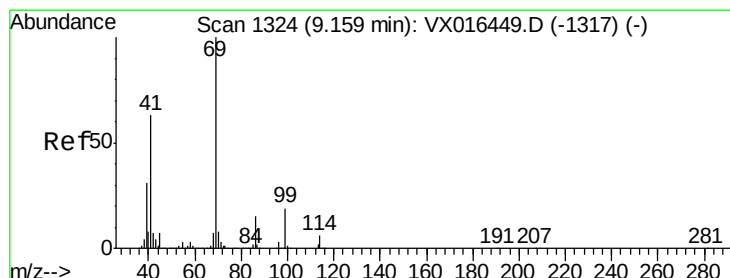
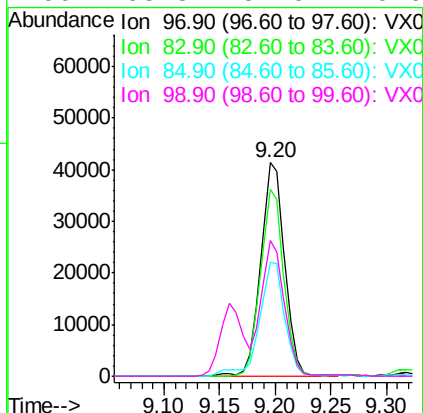
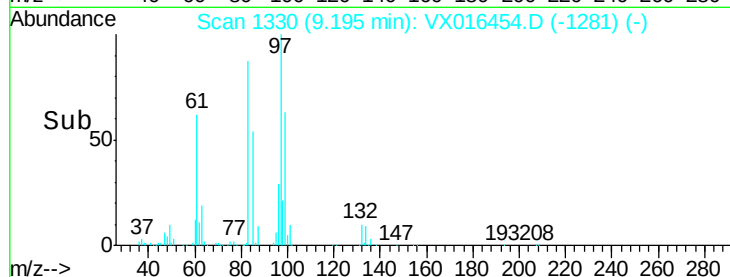
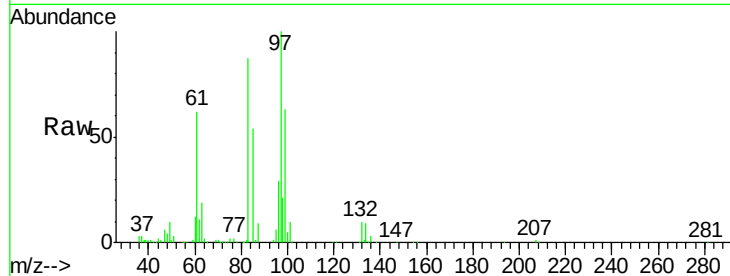
#55
 1,1,2-Trichloroethane
 Concen: 18.799 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016454.D
 Acq: 27 May 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0527WBS01

Tot Ion:	97	Resp:	62568
Ion	Ratio	Lower	Upper
97	100		
83	87.2	70.9	106.3
85	53.6	43.4	65.2
99	63.3	51.0	76.6

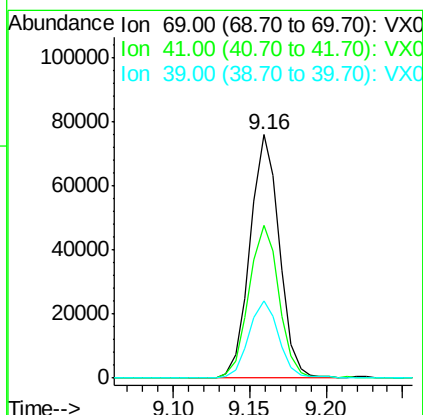
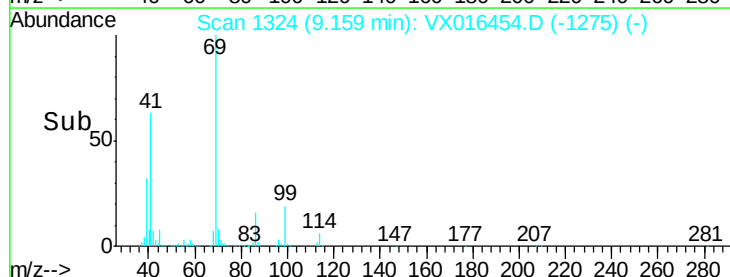
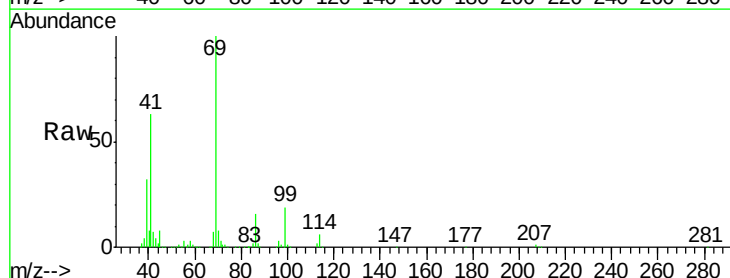
Manual Integrations
 APPROVED

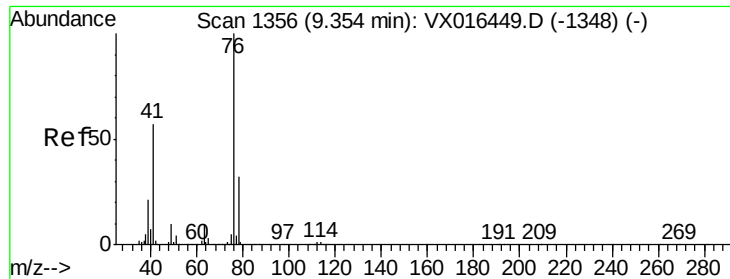
MMDadoda
 5/28/2020 2:10:34 PM



#56
 Ethyl methacrylate
 Concen: 18.805 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016454.D
 Acq: 27 May 2020 18:45

Tgt Ion:	69	Resp:	101930
Ion	Ratio	Lower	Upper
69	100		
41	64.7	50.7	76.1
39	32.7	25.8	38.6





#57

1,3-Dichloropropane

Concen: 19.062 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VX0527WBS01

Tot Ion: 76 Resp: 108896

Ion Ratio Lower Upper

76 100

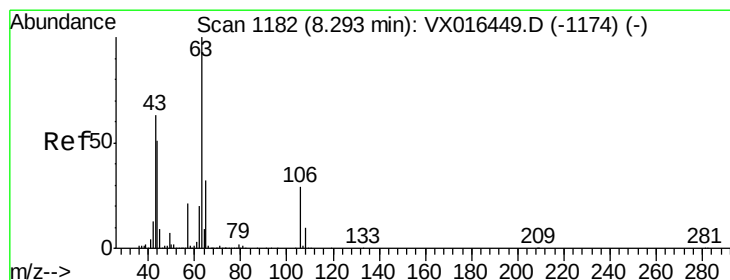
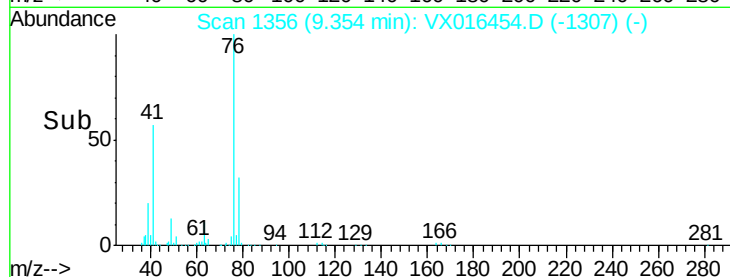
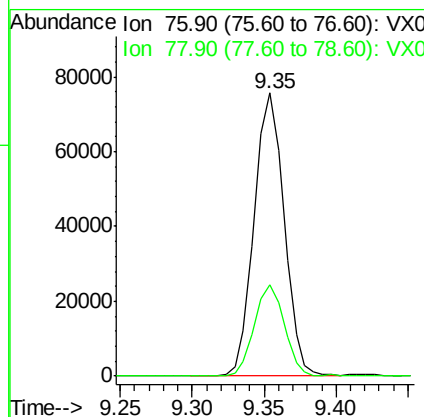
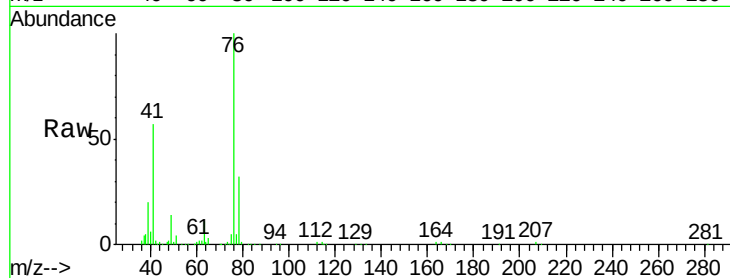
78 32.4 26.2 39.4

Manual Integrations

APPROVED

MMDadoda

5/28/2020 2:10:34 PM



#58

2-Chloroethyl Vinyl ether

Concen: 96.760 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016454.D

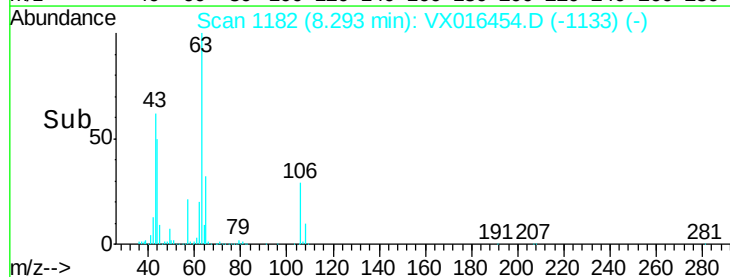
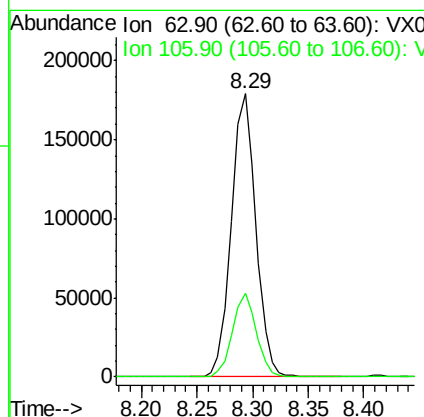
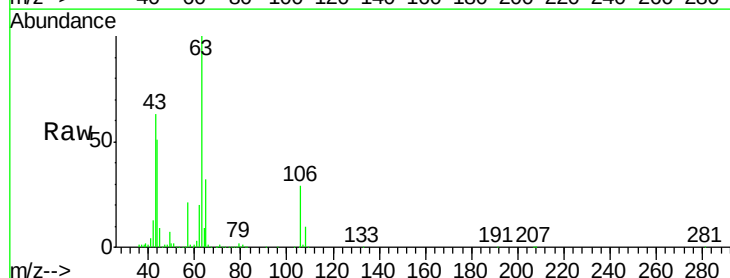
Acq: 27 May 2020 18:45

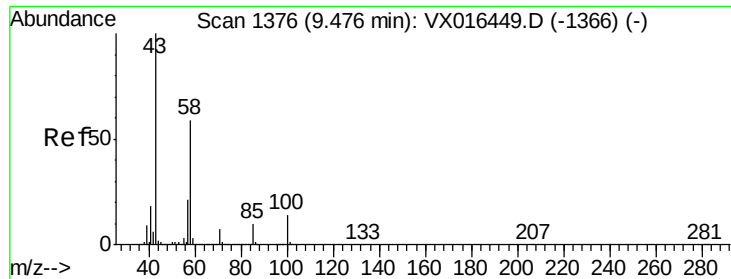
Tgt Ion: 63 Resp: 273761

Ion Ratio Lower Upper

63 100

106 28.9 23.2 34.8





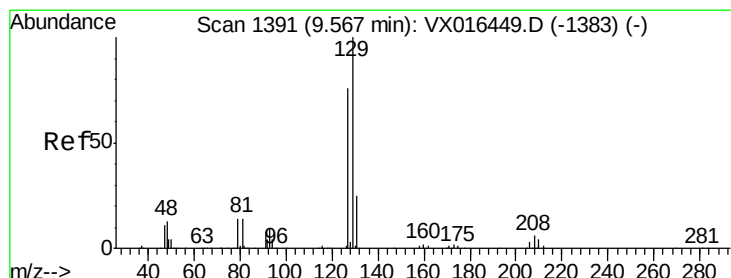
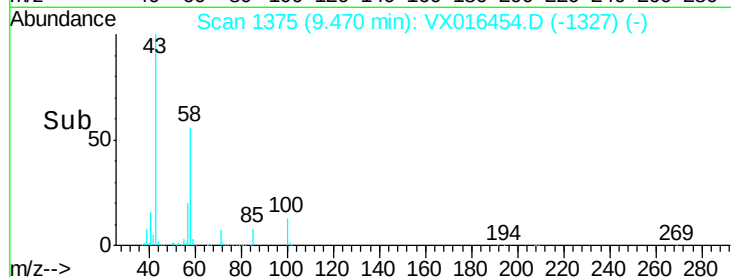
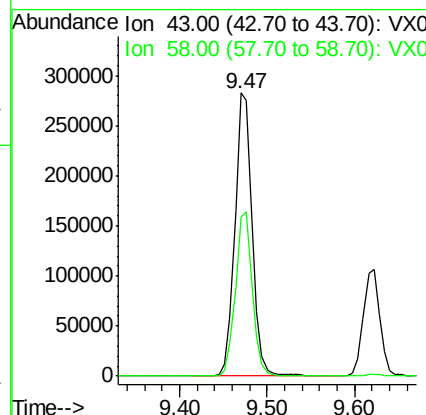
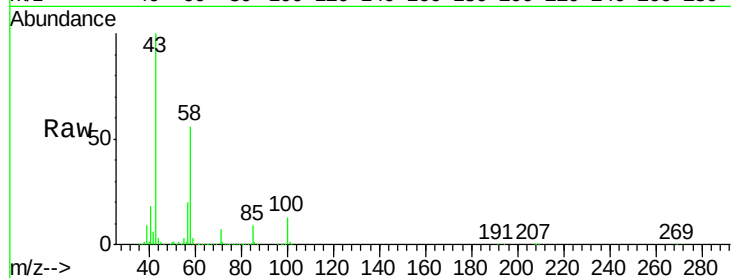
#59
2-Hexanone
Concen: 96.581 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016454.D
Acq: 27 May 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VX0527WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	57.6	28.8	86.4

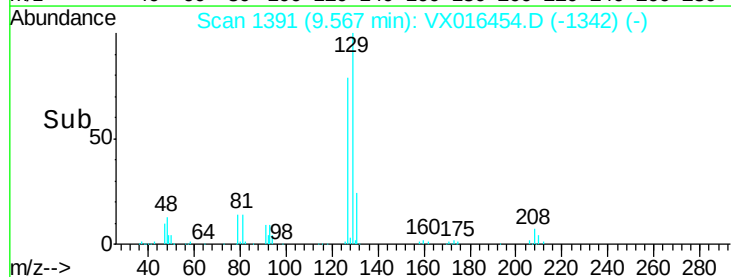
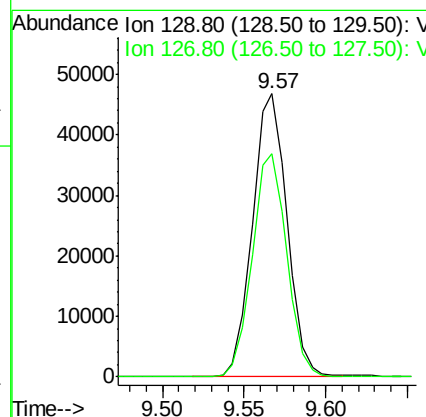
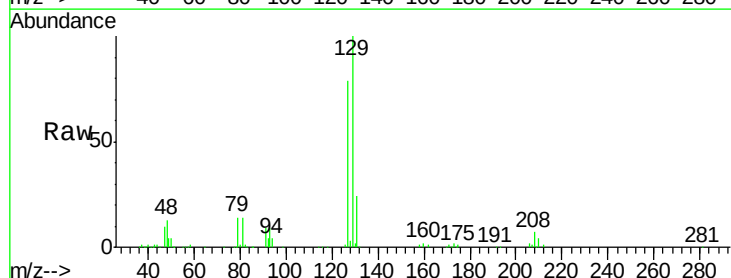
Manual Integrations
APPROVED

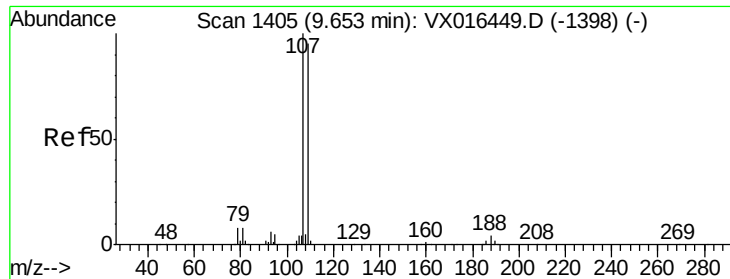
MMDadoda
5/28/2020 2:10:34 PM



#60
Dibromochloromethane
Concen: 18.412 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016454.D
Acq: 27 May 2020 18:45

Tgt Ion	Ratio	Lower	Upper
129	100		
127	78.7	38.6	116.0





#61

1,2-Dibromoethane

Concen: 18.521 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VX0527WBS01

Tot Ion: 107 Resp: 66012

Ion Ratio Lower Upper

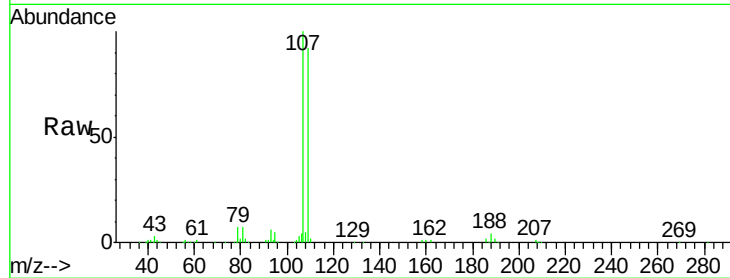
107 100

109 95.8 75.5 113.3

Manual Integrations
APPROVED

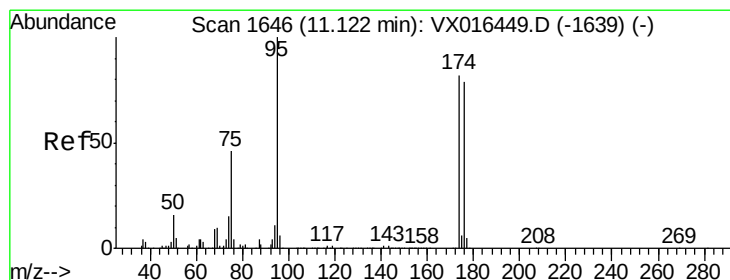
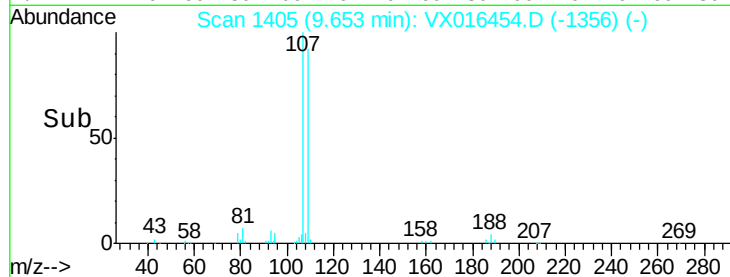
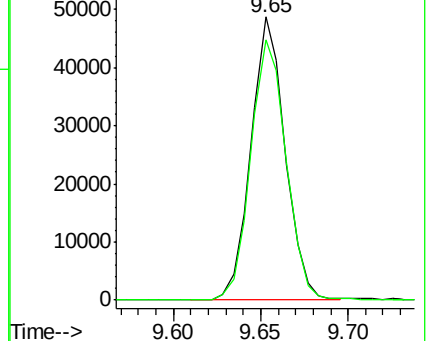
MMDadoda

5/28/2020 2:10:34 PM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.697 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

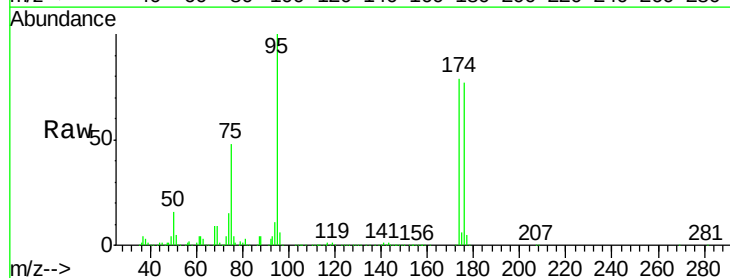
Tgt Ion: 95 Resp: 203591

Ion Ratio Lower Upper

95 100

174 80.8 0.0 163.0

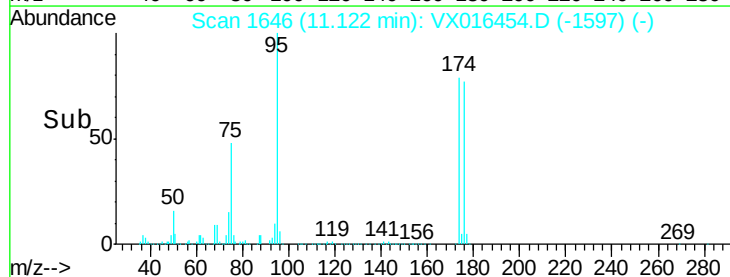
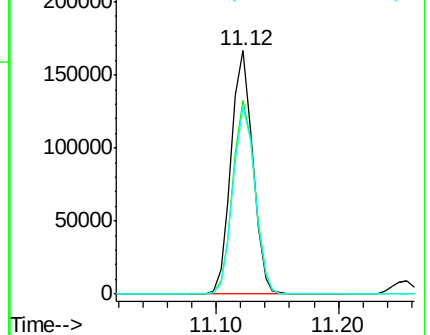
176 78.1 0.0 156.8

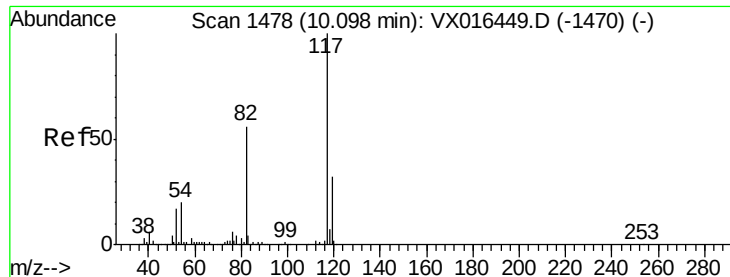


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





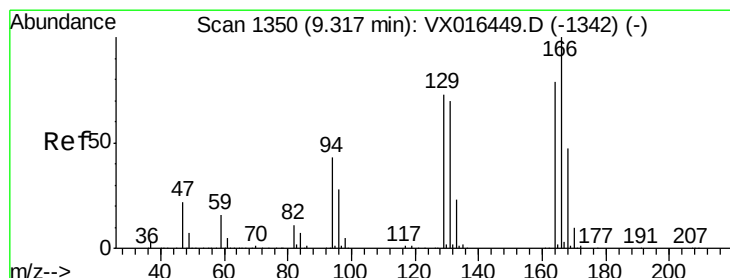
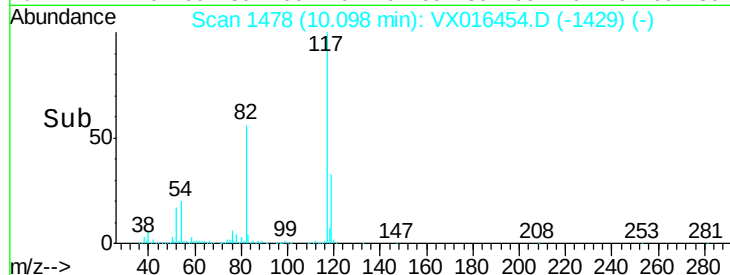
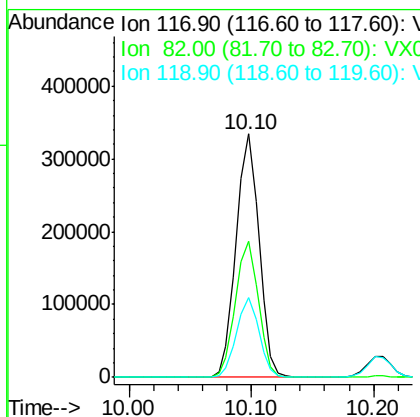
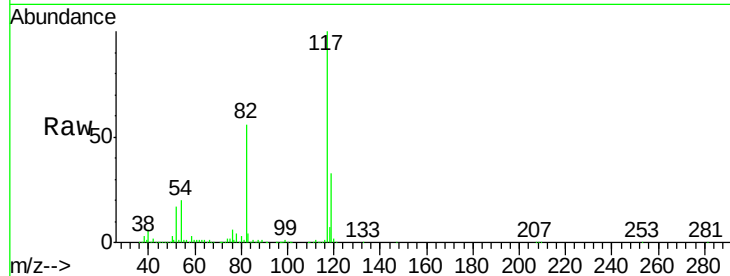
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016454.D
Acq: 27 May 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VX0527WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	45.0	67.6
119	32.9	25.8	38.8

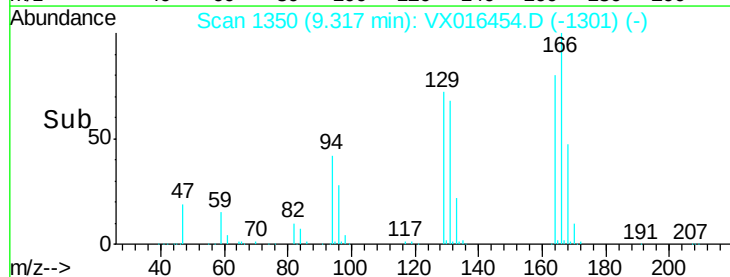
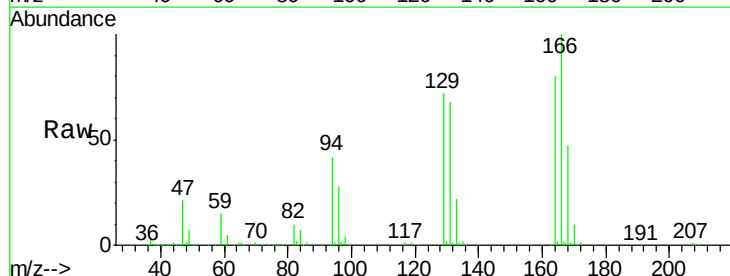
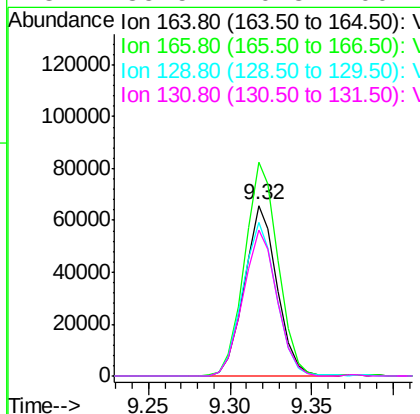
Manual Integrations
APPROVED

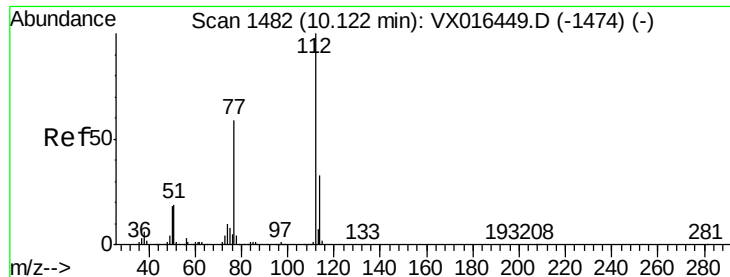
MMDadoda
5/28/2020 2:10:34 PM



#64
Tetrachloroethene
Concen: 18.850 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016454.D
Acq: 27 May 2020 18:45

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.3	100.9	151.3
129	89.8	73.2	109.8
131	85.5	70.8	106.2





#65

Chlorobenzene

Concen: 18.776 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

Instrument :

MSVOA_X

ClientSampled :

VX0527WBS01

Tot Ion:112 Resp: 166284

Ion Ratio Lower Upper

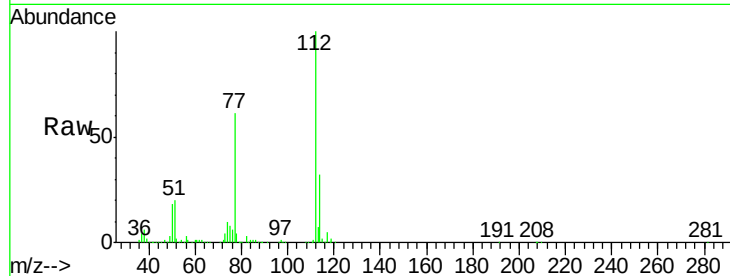
112 100

114 32.4 26.0 39.0

Manual Integrations
APPROVED

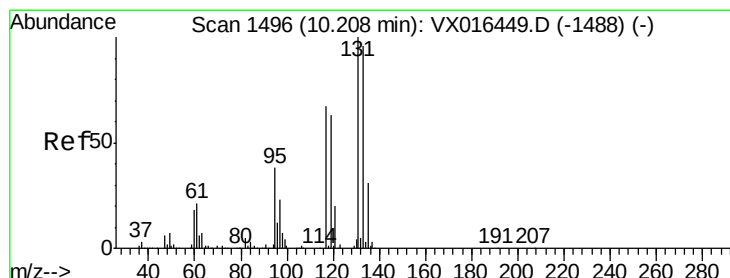
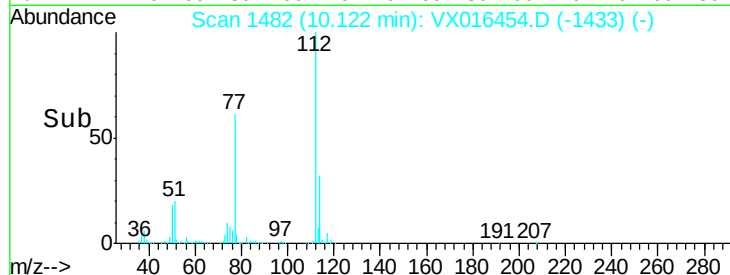
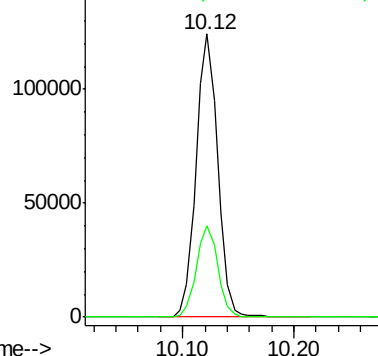
MMDadoda

5/28/2020 2:10:34 PM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.560 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

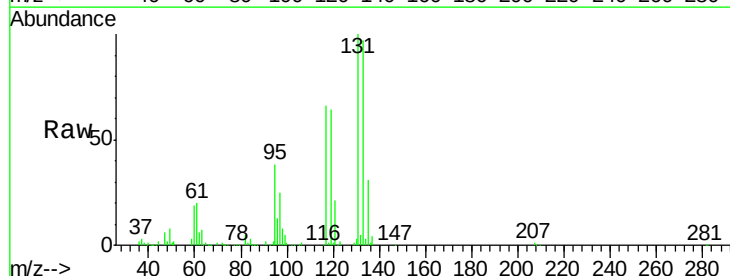
Tgt Ion:131 Resp: 62745

Ion Ratio Lower Upper

131 100

133 96.9 48.4 145.3

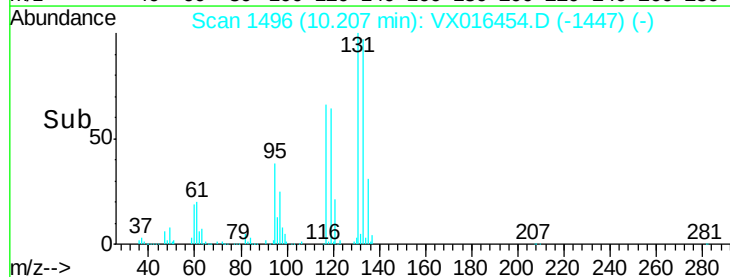
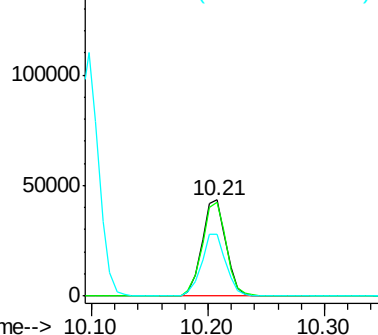
119 65.6 32.0 96.2

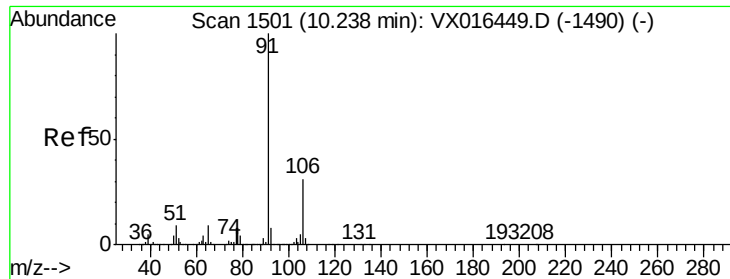


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





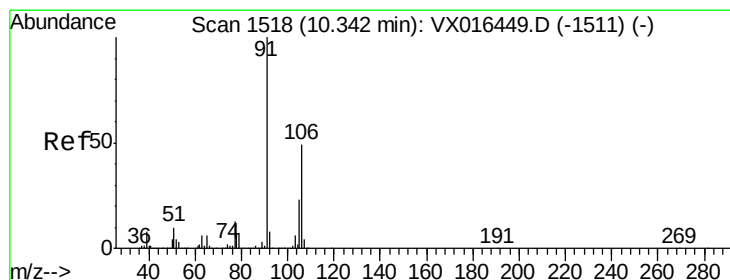
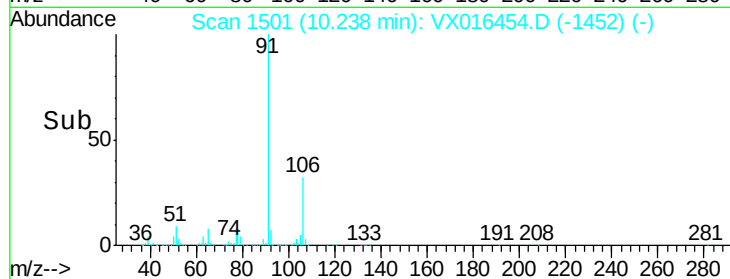
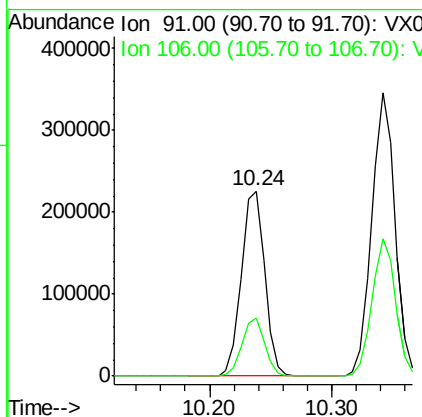
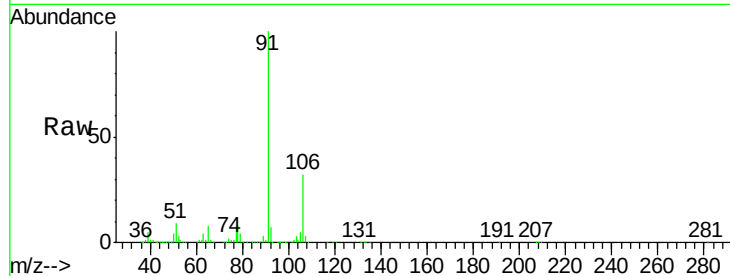
#67
Ethyl Benzene
Concen: 18.996 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016454.D
Acq: 27 May 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VX0527WBS01

Tot Ion: 91 Resp: 299522
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.4

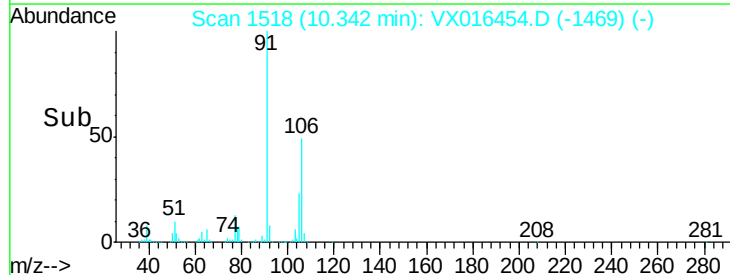
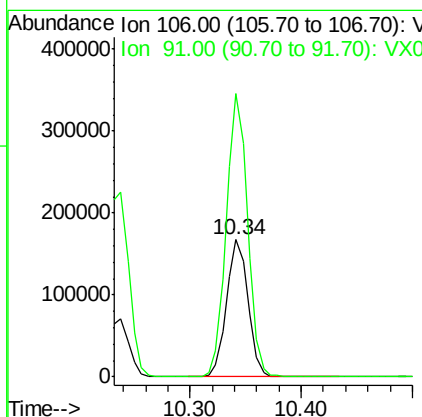
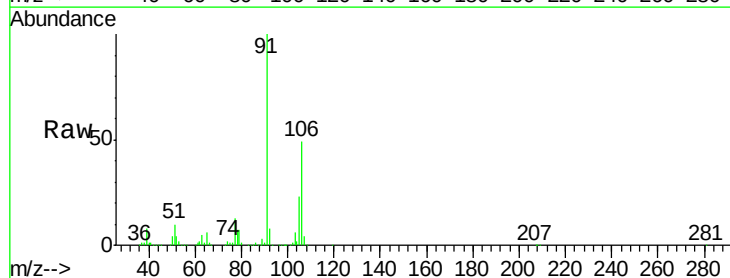
Manual Integrations
APPROVED

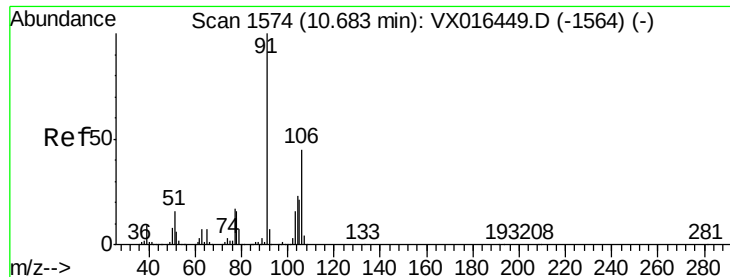
MMDadoda
5/28/2020 2:10:34 PM



#68
m/p-Xylenes
Concen: 38.299 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016454.D
Acq: 27 May 2020 18:45

Tgt Ion: 106 Resp: 223900
Ion Ratio Lower Upper
106 100
91 204.7 163.8 245.8





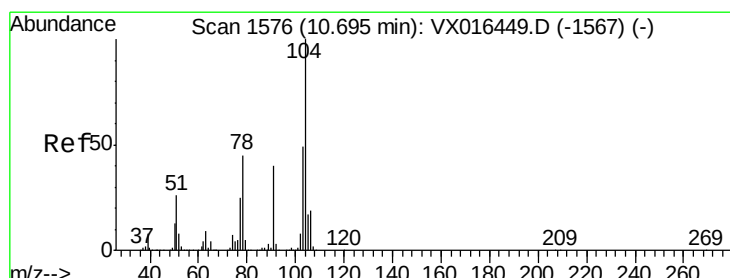
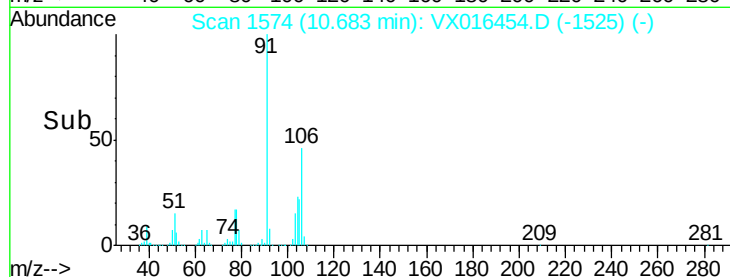
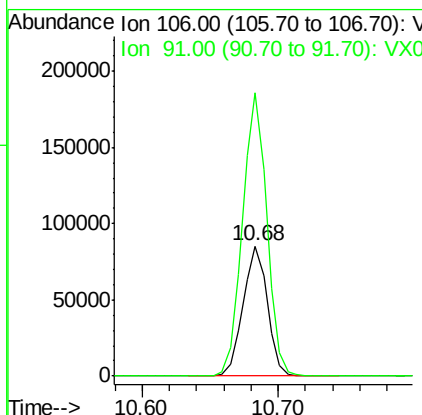
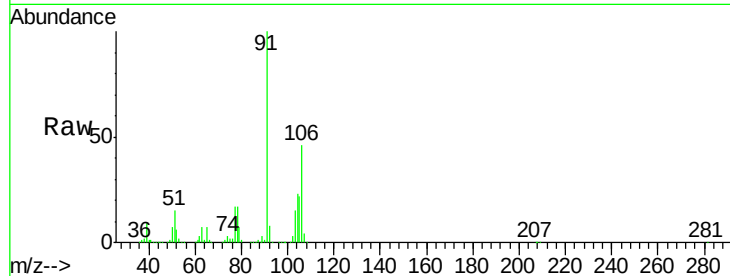
#69
o-Xylene
Concen: 18.779 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016454.D
Acq: 27 May 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VX0527WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	106320		
91	91	217.9	109.6	328.8	

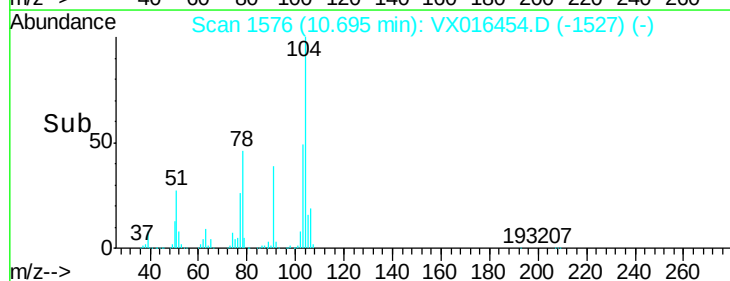
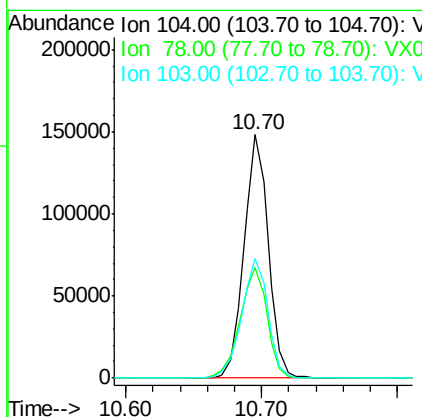
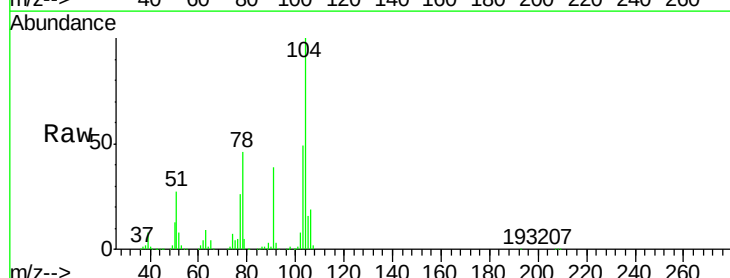
Manual Integrations
APPROVED

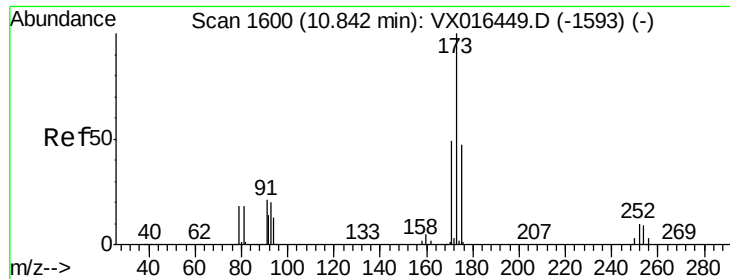
MMDadoda
5/28/2020 2:10:34 PM



#70
Styrene
Concen: 18.959 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016454.D
Acq: 27 May 2020 18:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	184499		
78	78	50.7	40.2	60.2	
103	103	53.6	43.1	64.7	





#71

Bromoform

Concen: 18.216 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VX0527WBS01

Tot Ion:173 Resp: 52045

Ion Ratio Lower Upper

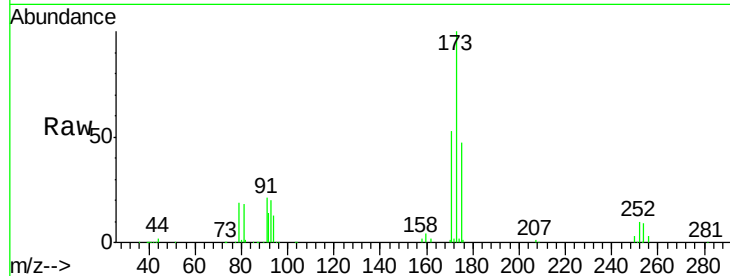
173 100

175 48.4 23.9 71.7

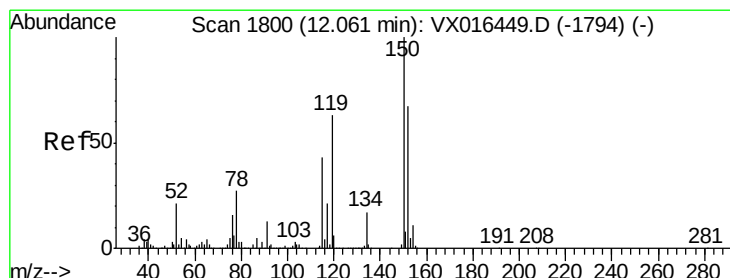
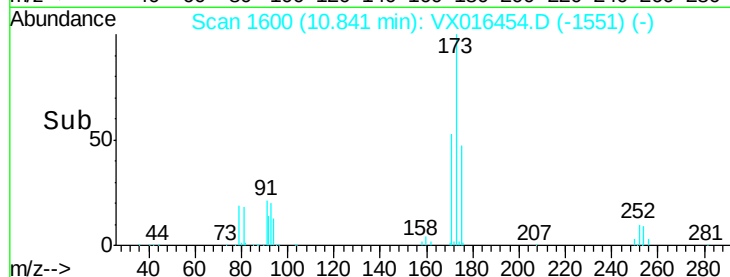
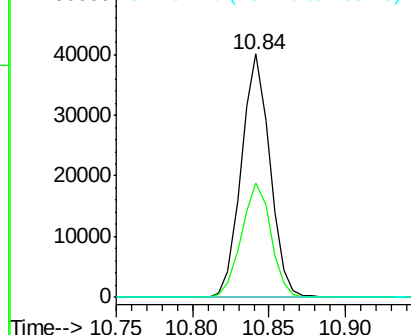
254 0.0 0.1 0.1#

Manual Integrations
APPROVED

MMDadoda
5/28/2020 2:10:34 PM



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

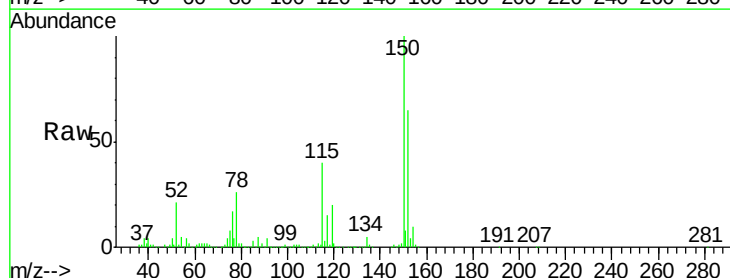
Tgt Ion:152 Resp: 214009

Ion Ratio Lower Upper

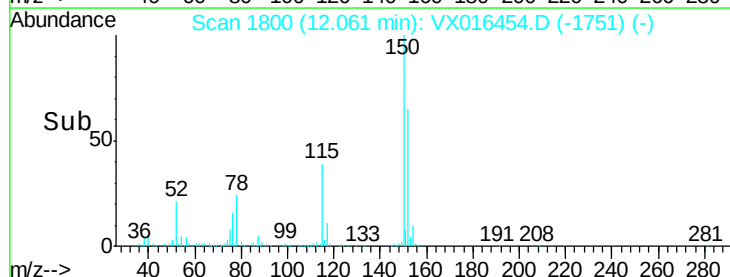
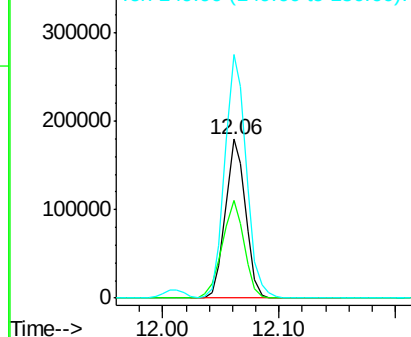
152 100

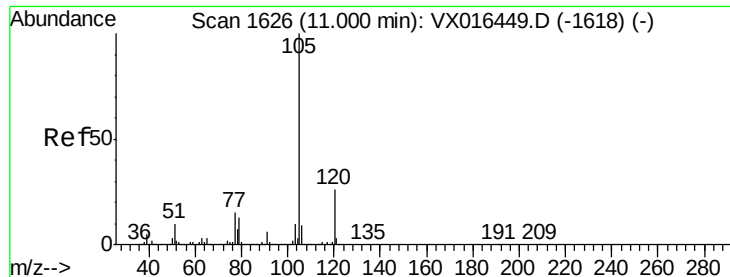
115 67.2 39.9 119.6

150 163.0 0.0 341.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.090 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VX0527WBS01

Tot Ion: 105 Resp: 283066

Ion Ratio Lower Upper

105 100

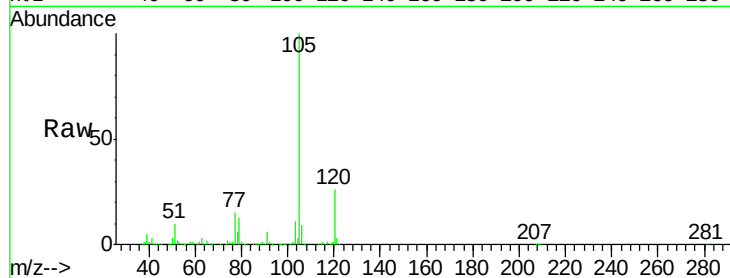
120 26.6 13.1 39.3

Manual Integrations

APPROVED

MMDadoda

5/28/2020 2:10:34 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

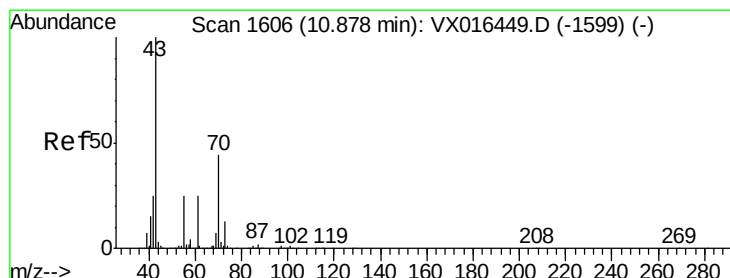
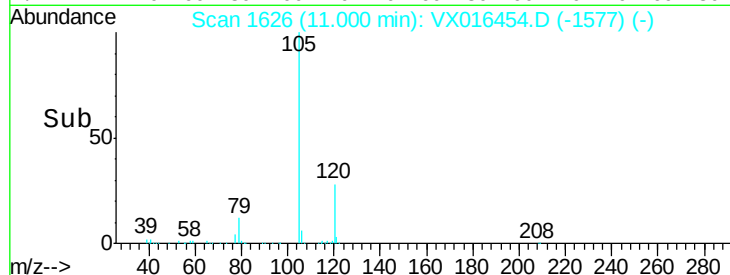
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 19.250 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

Tgt Ion: 43 Resp: 131295

Ion Ratio Lower Upper

43 100

70 45.6 36.1 54.1

55 25.6 20.2 30.4

61 25.6 20.3 30.5

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

150000

100000

50000

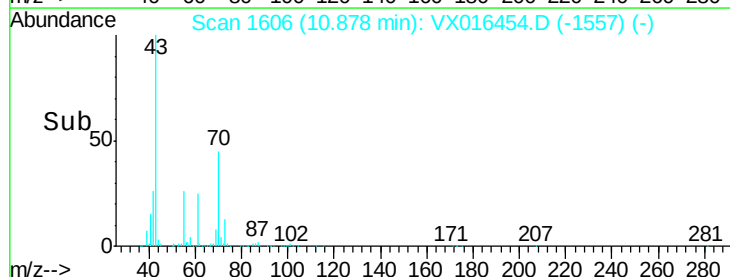
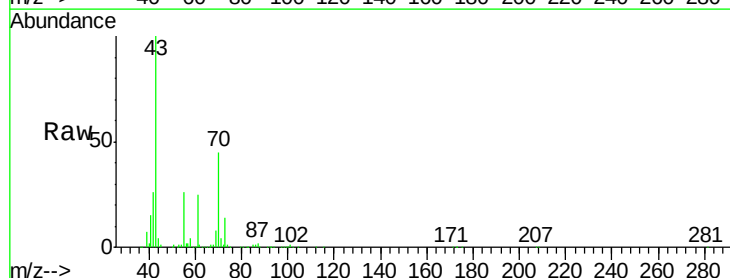
0

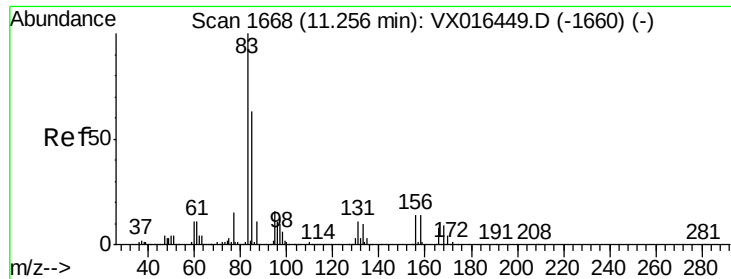
10.88

10.80

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.201 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

Instrument :

MSVOA_X

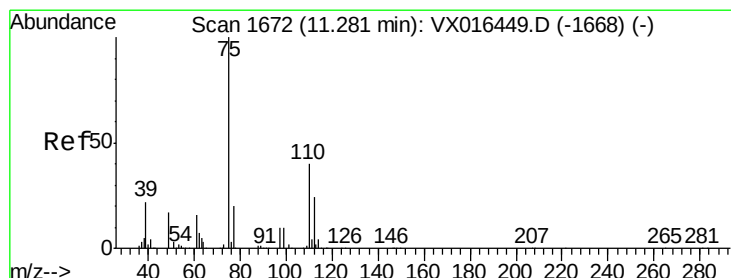
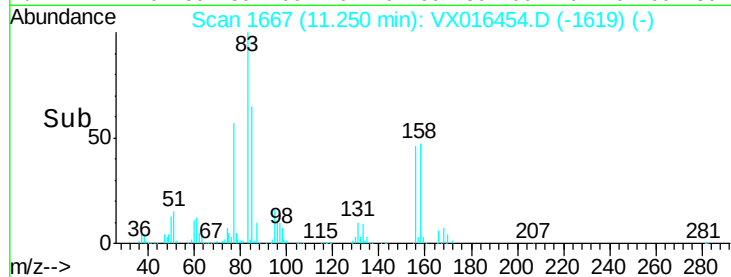
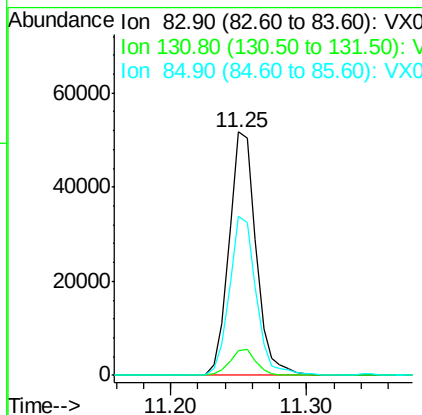
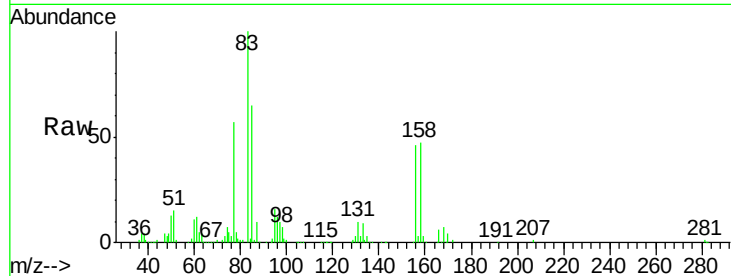
ClientSampleId :

VX0527WBS01

Tot Ion:	83	Resp:	71356
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.3
85	64.6	32.0	96.2

Manual Integrations
APPROVED

MMDadoda
5/28/2020 2:10:34 PM



#76

1,2,3-Trichloropropane

Concen: 19.584 ug/l m

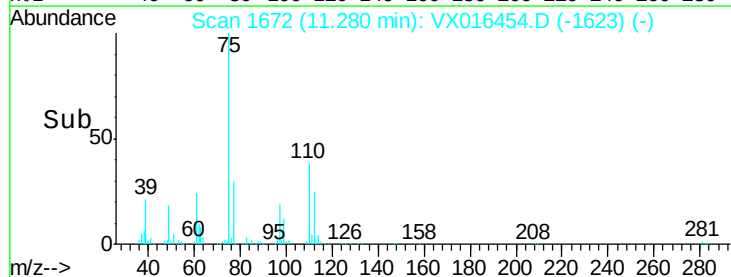
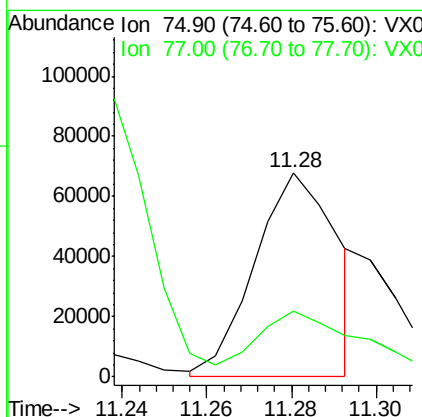
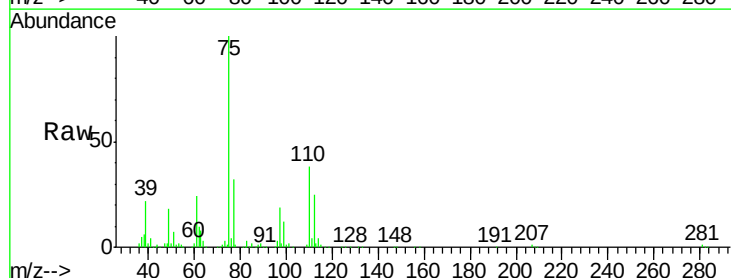
RT: 11.28 min Scan# 1672

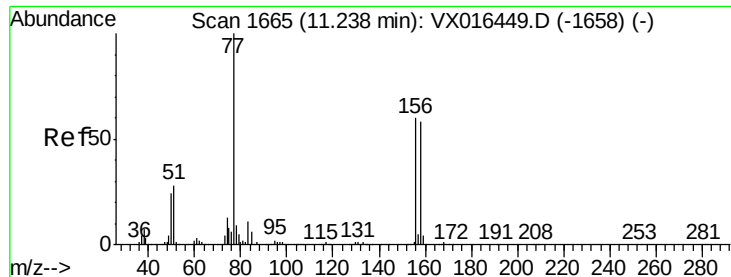
Delta R.T. -0.00 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

Tgt Ion:	75	Resp:	92125
Ion Ratio	Lower	Upper	
75	100		
77	41.8	21.3	63.7





#77

Bromobenzene

Concen: 18.542 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

Instrument :

MSVOA_X

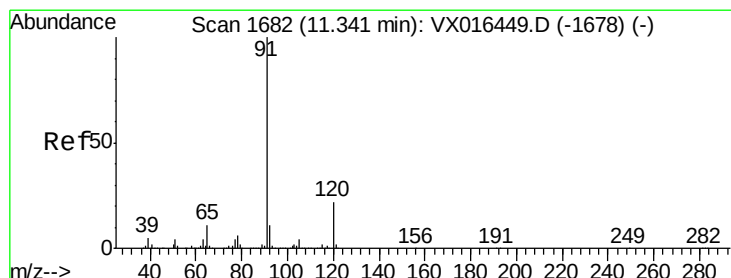
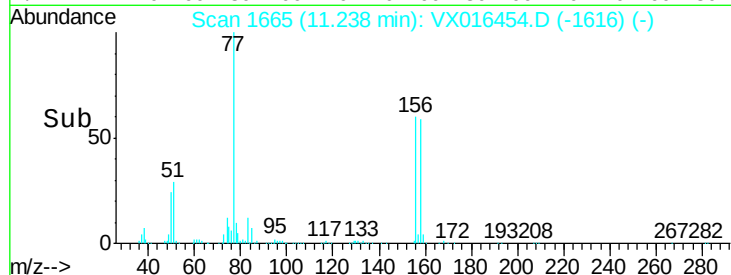
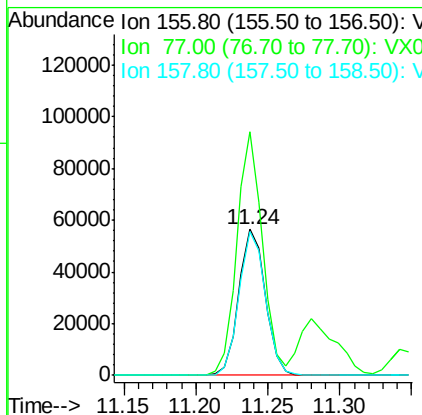
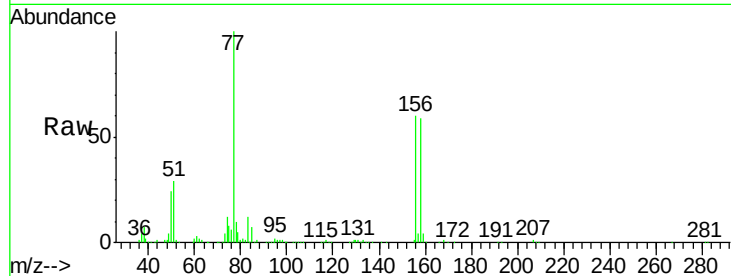
ClientSampleId :

VX0527WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	161.5	79.6	238.8
158	98.1	48.1	144.4

Manual Integrations
APPROVED

MMDadoda
5/28/2020 2:10:34 PM



#78

n-propylbenzene

Concen: 19.360 ug/l

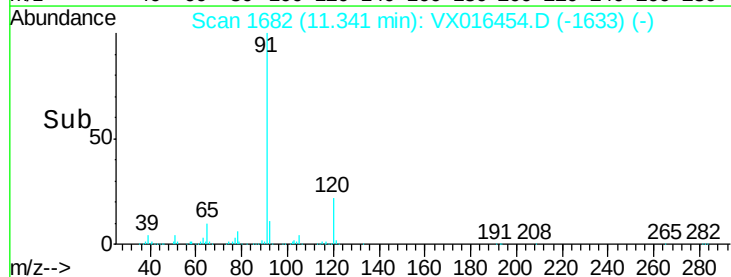
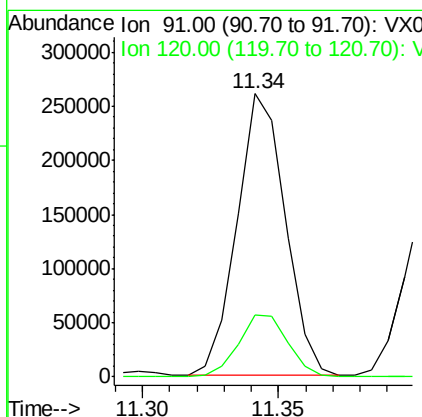
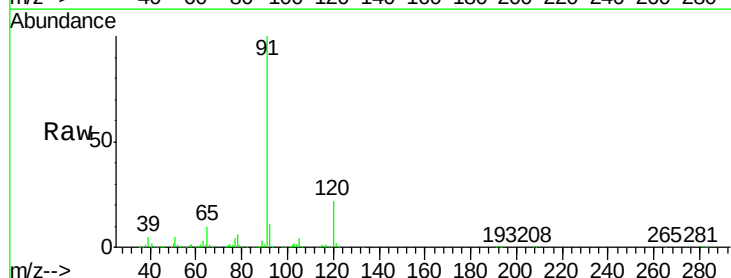
RT: 11.34 min Scan# 1682

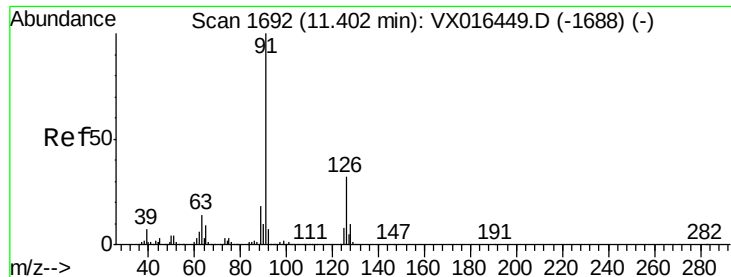
Delta R.T. -0.00 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.6	34.7





#79

2-Chlorotoluene

Concen: 19.175 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016454.D

Acq: 27 May 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VX0527WBS01

Tot Ion: 91 Resp: 193902

Ion Ratio Lower Upper

91 100

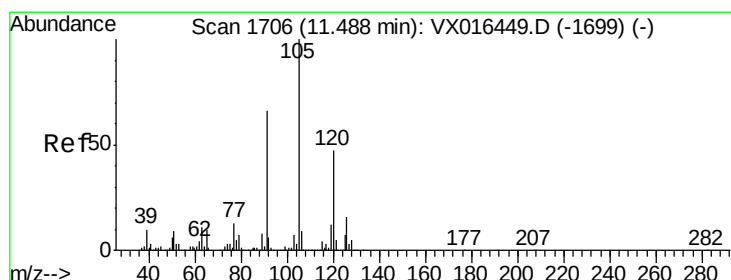
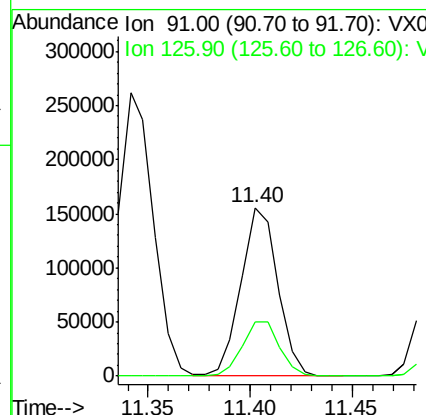
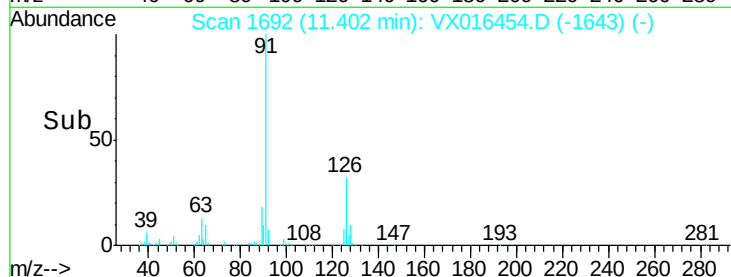
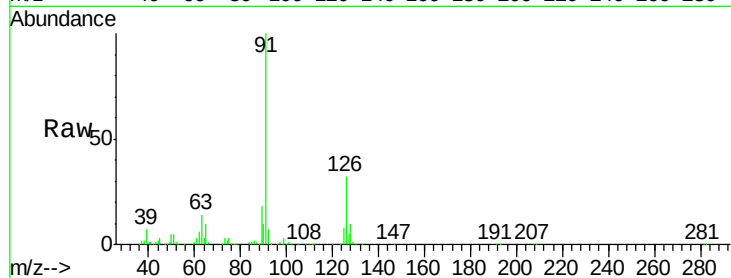
126 33.3 16.8 50.3

Manual Integrations

APPROVED

MMDadoda

5/28/2020 2:10:34 PM



#80

1,3,5-Trimethylbenzene

Concen: 19.268 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX016454.D

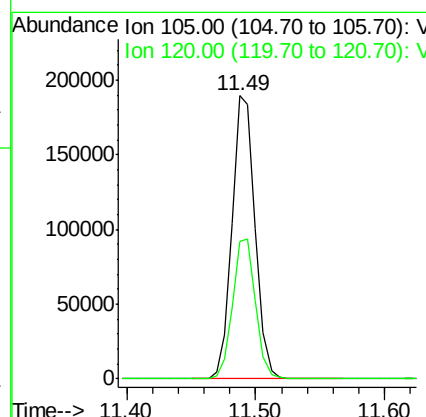
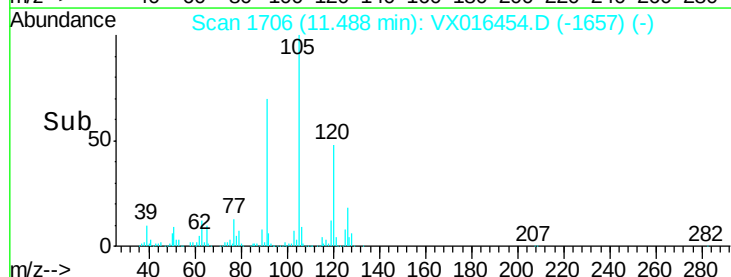
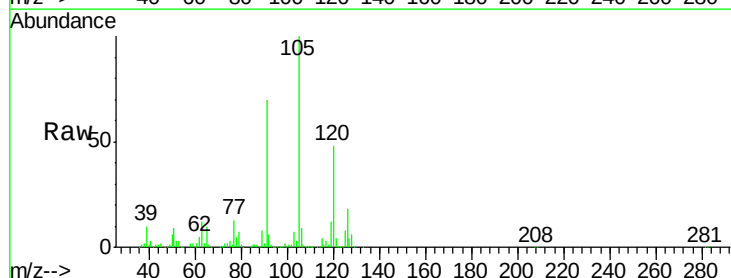
Acq: 27 May 2020 18:45

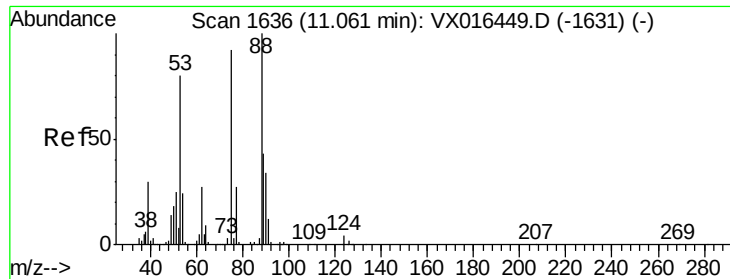
Tgt Ion: 105 Resp: 238568

Ion Ratio Lower Upper

105 100

120 49.2 24.3 72.8





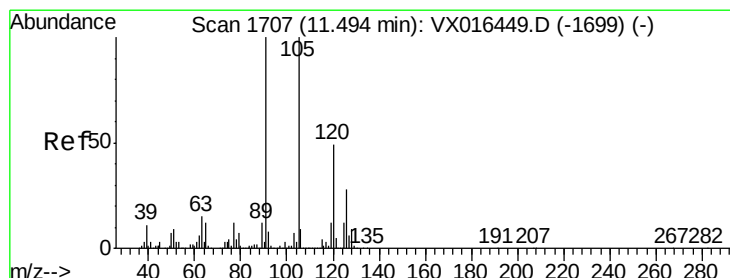
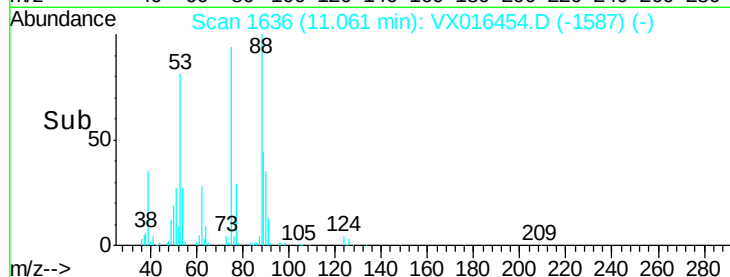
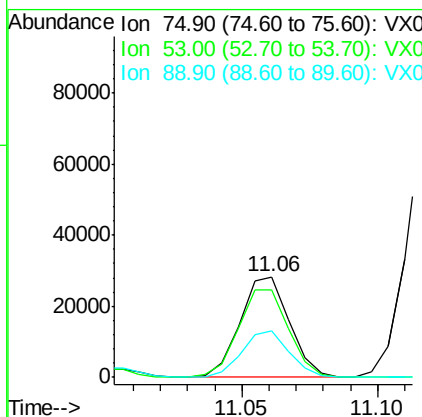
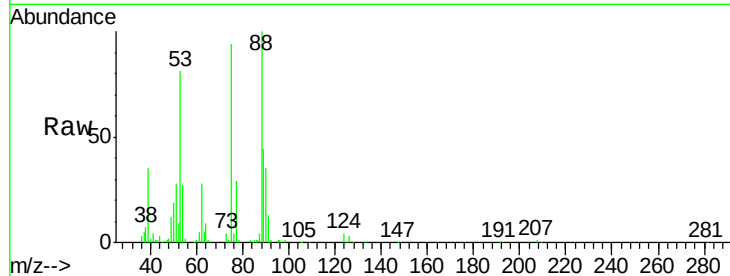
#81
trans-1,4-Dichloro-2-butene
Concen: 18.517 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016454.D
Acq: 27 May 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VX0527WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	89.5	71.3	106.9
89	45.4	36.6	55.0

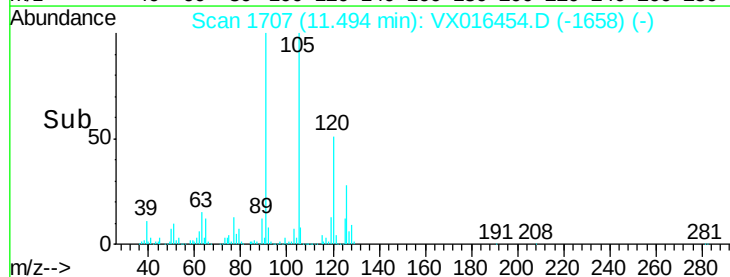
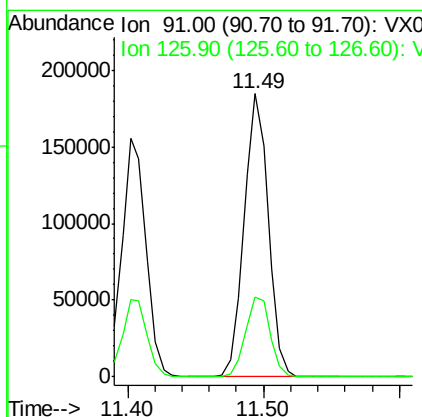
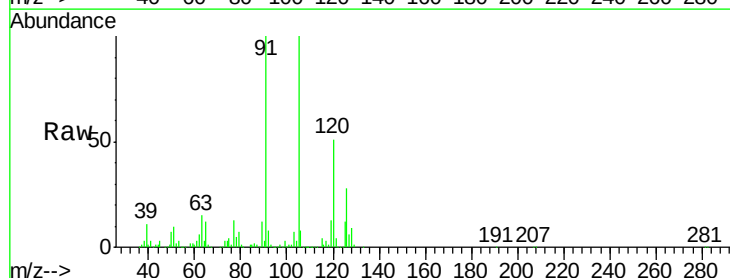
Manual Integrations
APPROVED

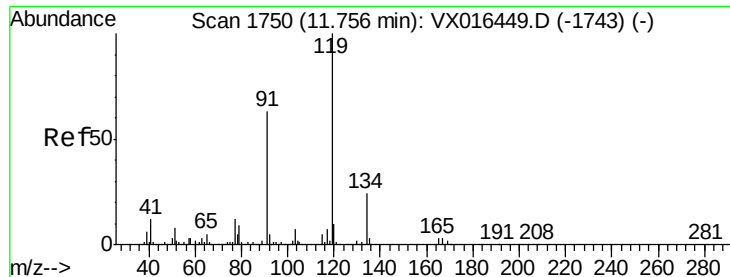
MMDadoda
5/28/2020 2:10:34 PM



#82
4-Chlorotoluene
Concen: 19.100 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016454.D
Acq: 27 May 2020 18:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.1	14.7	44.1





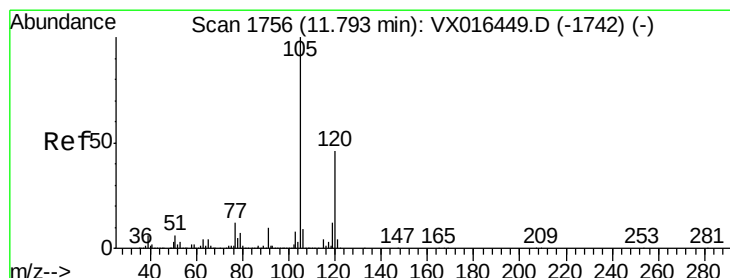
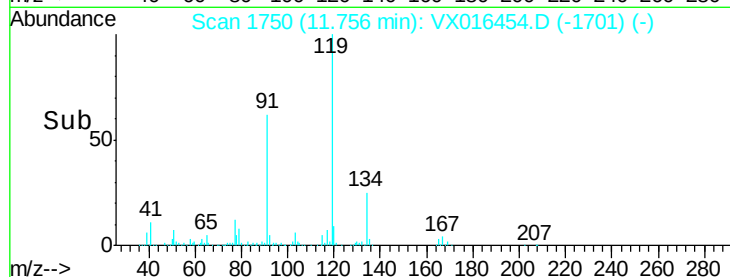
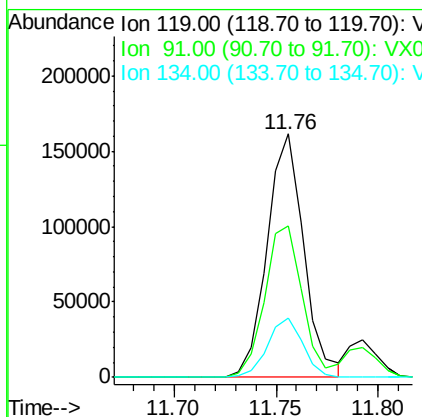
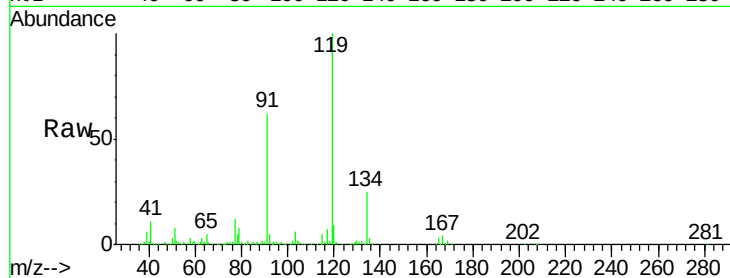
#83
 tert-Butylbenzene
 Concen: 19.157 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016454.D
 Acq: 27 May 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0527WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	202673		
91	62.8		31.3	93.8
134	23.8		12.0	36.0

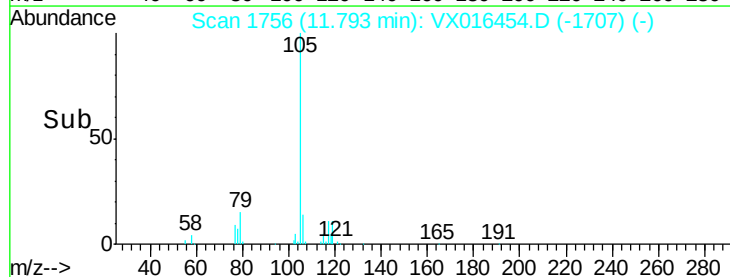
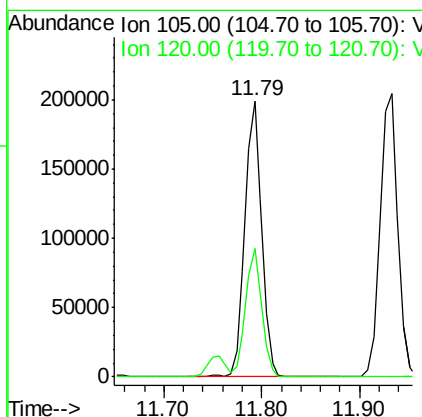
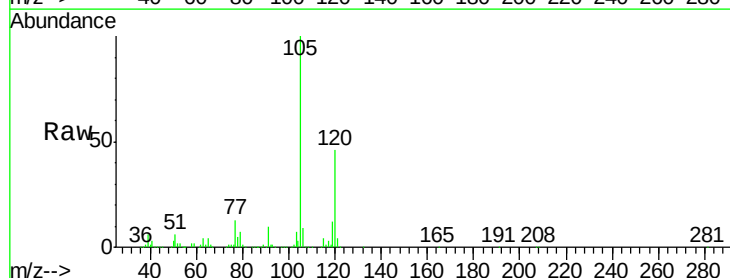
Manual Integrations
 APPROVED

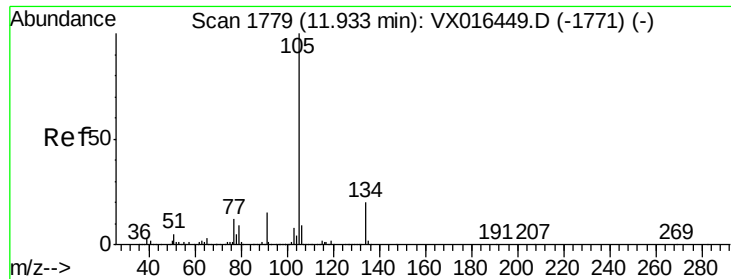
MMDadoda
 5/28/2020 2:10:34 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 19.021 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016454.D
 Acq: 27 May 2020 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	238175		
120	44.9		22.6	67.7





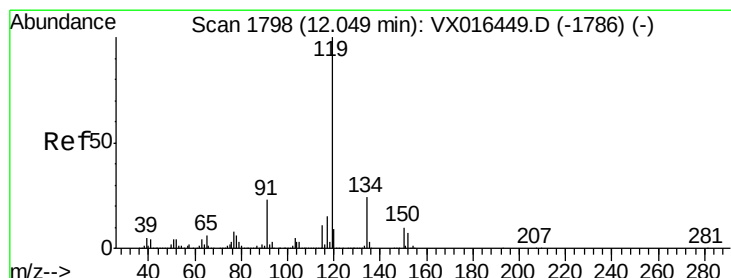
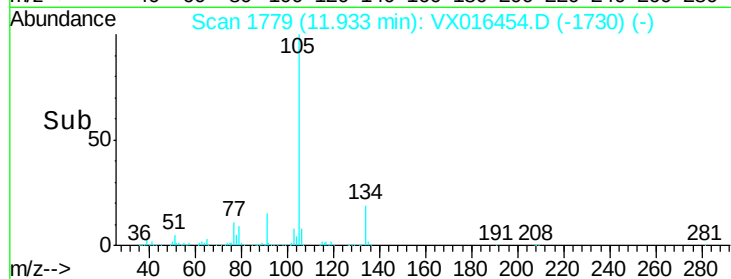
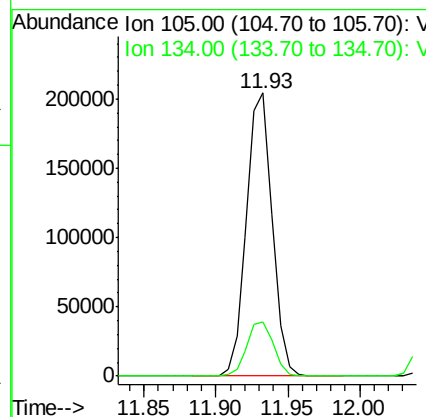
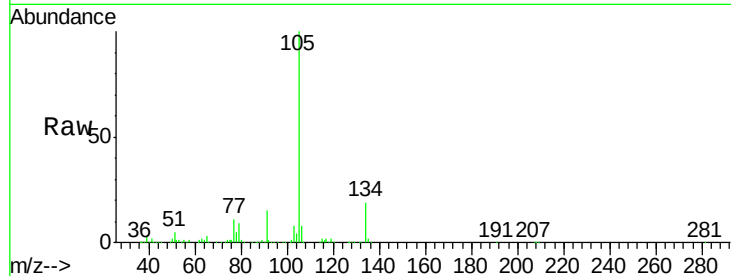
#85
 sec-Butylbenzene
 Concen: 19.066 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016454.D
 Acq: 27 May 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0527WBS01

Tot Ion	Ratio	Resp	Lower	Upper
105	100	253035		
134	20.0	10.1	30.3	

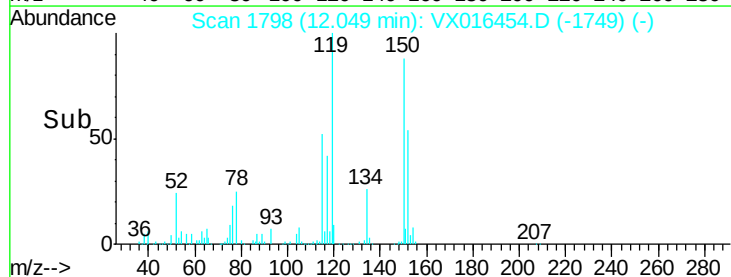
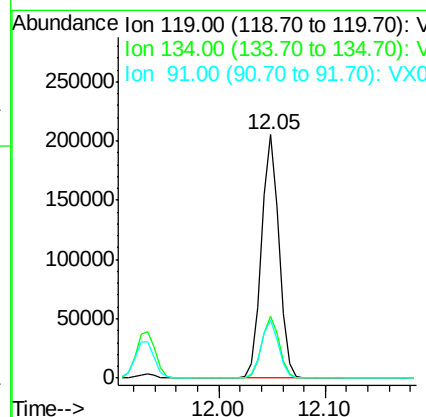
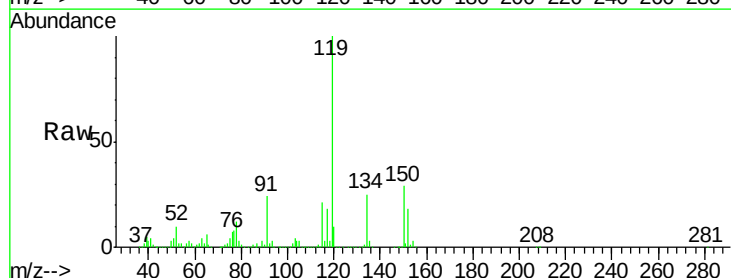
Manual Integrations
 APPROVED

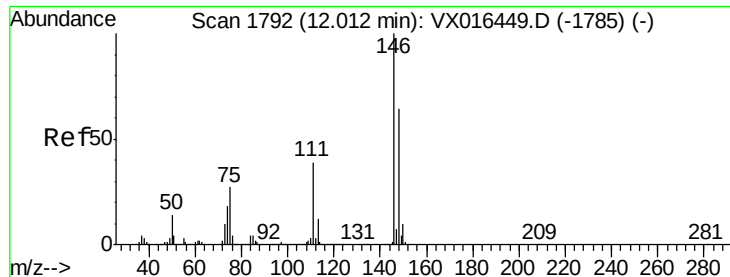
MMDadoda
 5/28/2020 2:10:34 PM



#86
 p-Isopropyltoluene
 Concen: 19.138 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016454.D
 Acq: 27 May 2020 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	237922		
134	25.5	12.7	38.0	
91	23.9	11.7	35.0	





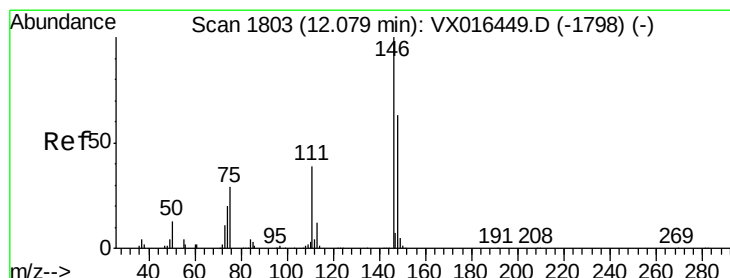
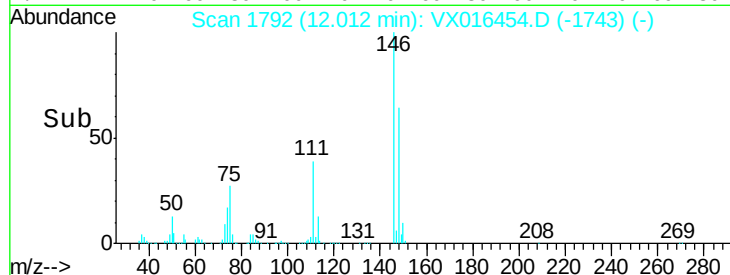
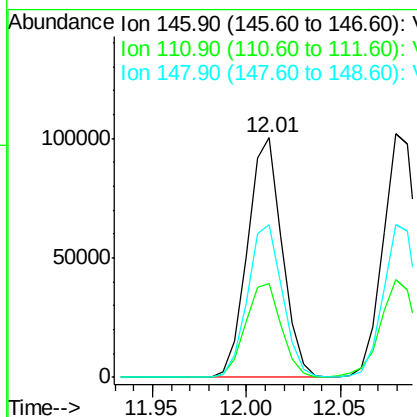
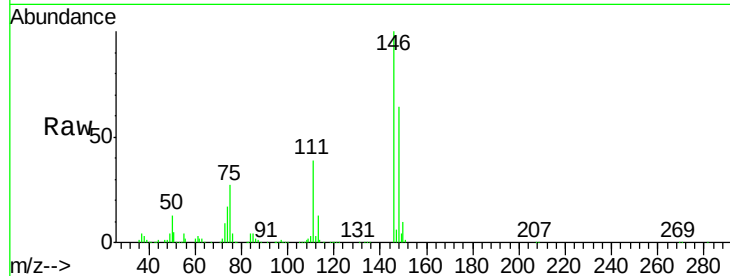
#87
 1,3-Dichlorobenzene
 Concen: 18.936 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016454.D
 Acq: 27 May 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0527WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.0	60.0
148	64.3	31.9	95.5

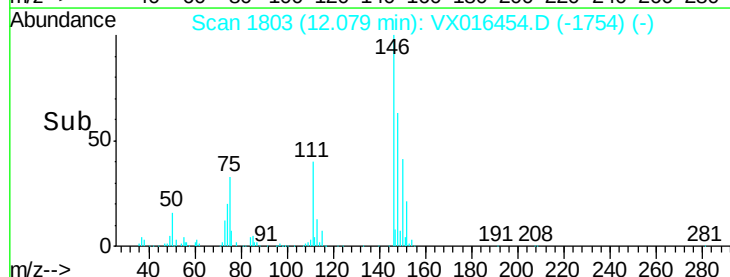
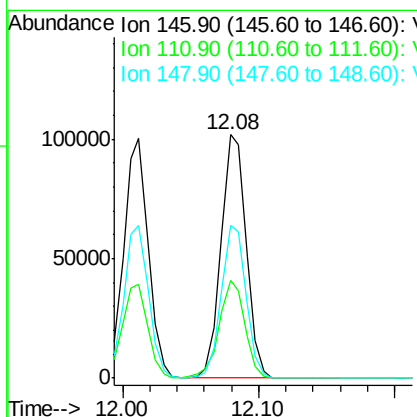
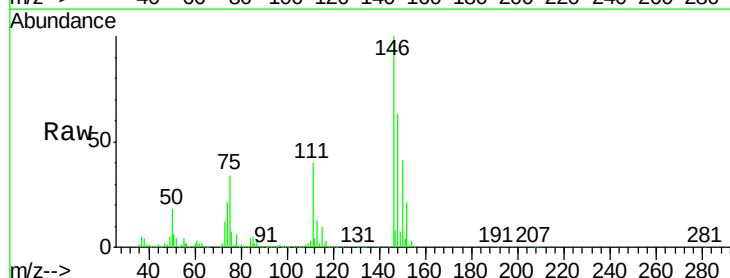
Manual Integrations
 APPROVED

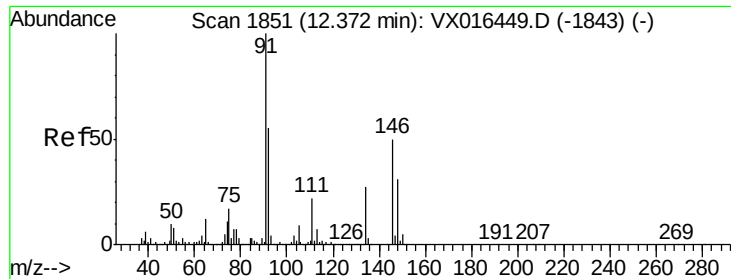
MMDadoda
 5/28/2020 2:10:34 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.974 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016454.D
 Acq: 27 May 2020 18:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	19.4	58.2
148	61.9	31.4	94.3





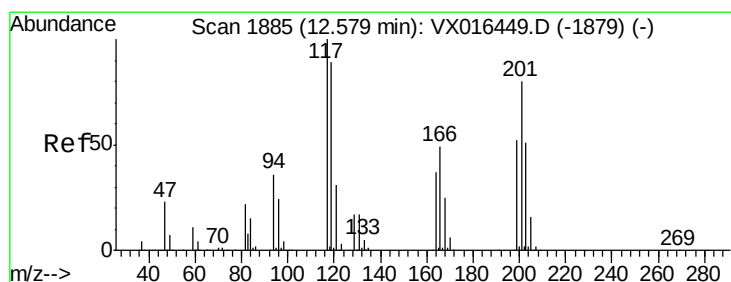
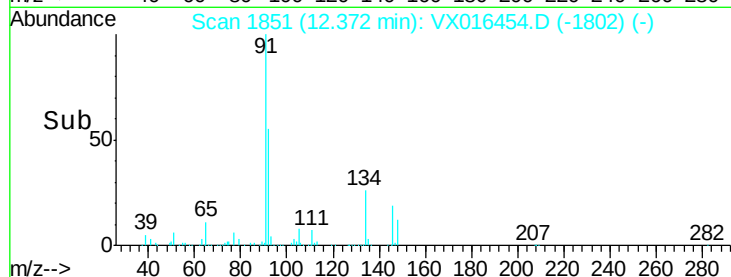
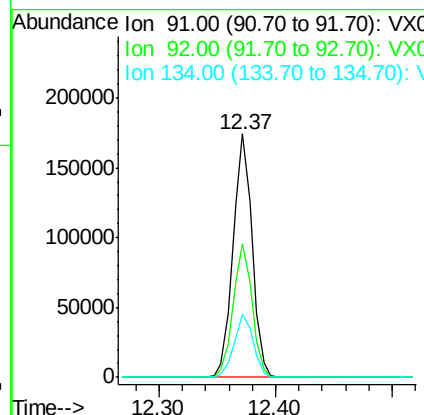
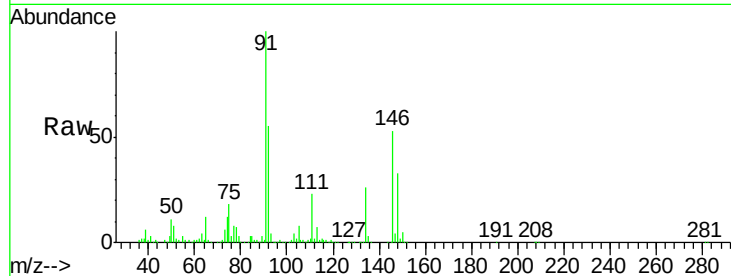
#89
n-Butylbenzene
Concen: 19.111 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016454.D
Acq: 27 May 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VX0527WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	197892		
92	54.8		27.2	81.5
134	26.2		13.1	39.3

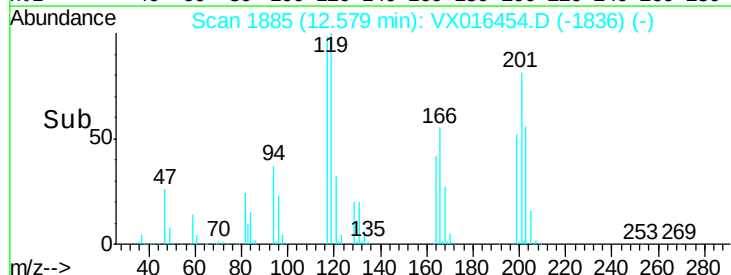
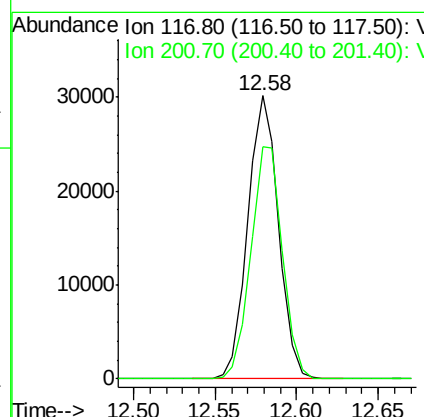
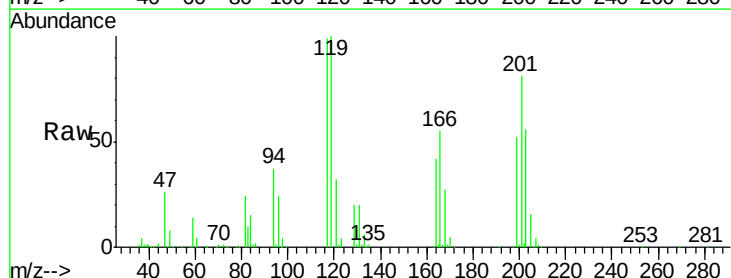
Manual Integrations
APPROVED

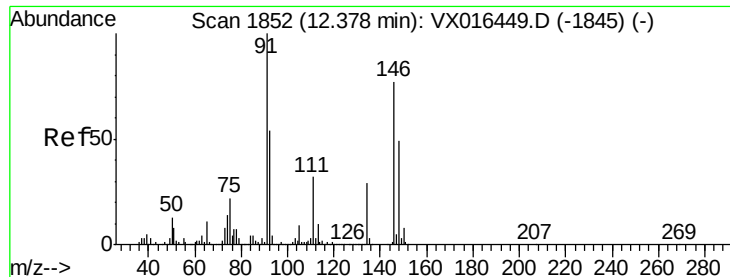
MMDadoda
5/28/2020 2:10:34 PM



#90
Hexachloroethane
Concen: 18.319 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016454.D
Acq: 27 May 2020 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	39338		
201	85.0		43.1	129.3





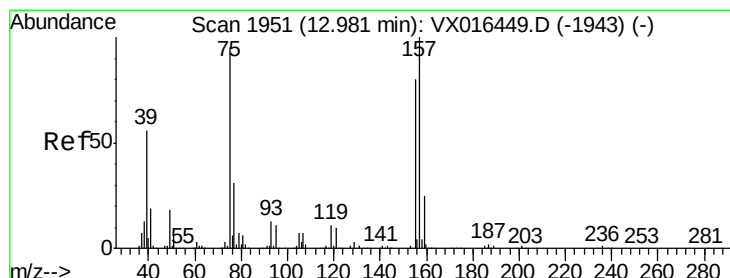
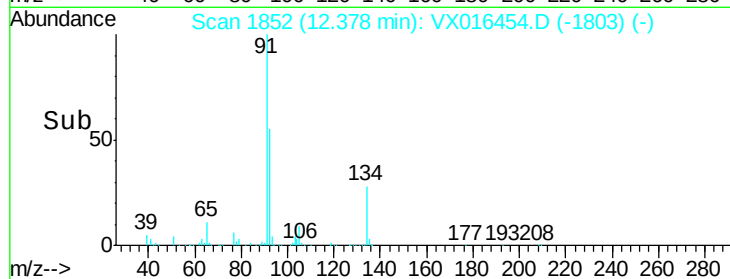
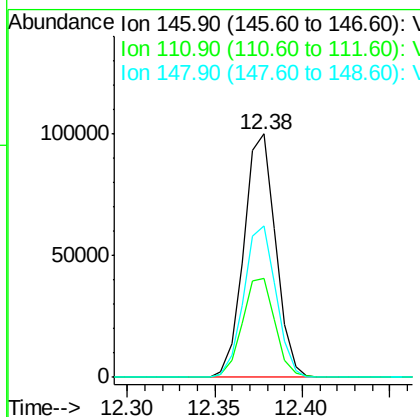
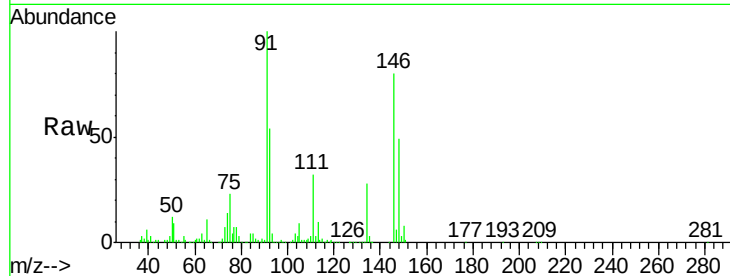
#91
 1,2-Dichlorobenzene
 Concen: 19.308 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016454.D
 Acq: 27 May 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0527WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	126042		
111	41.8	21.4	64.3	
148	63.2	31.9	95.7	

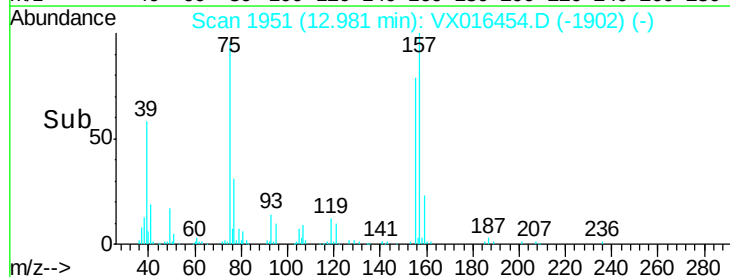
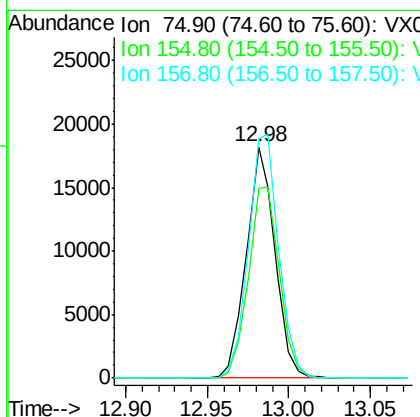
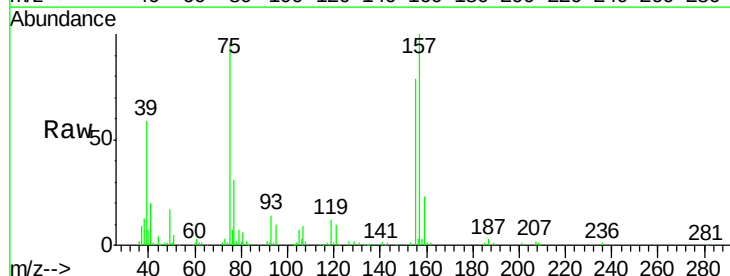
Manual Integrations
 APPROVED

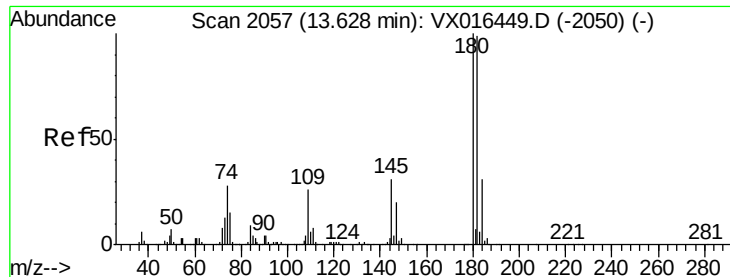
MMDadoda
 5/28/2020 2:10:34 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.552 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016454.D
 Acq: 27 May 2020 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	22331		
155	89.5	44.1	132.4	
157	111.3	57.8	173.3	





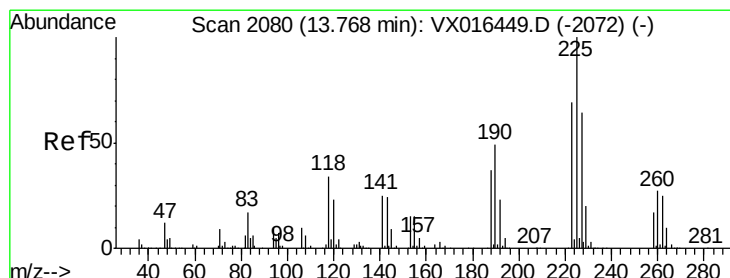
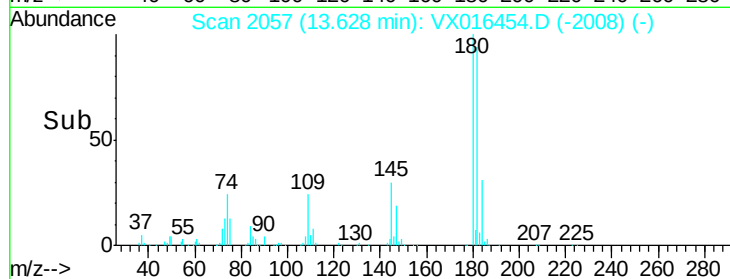
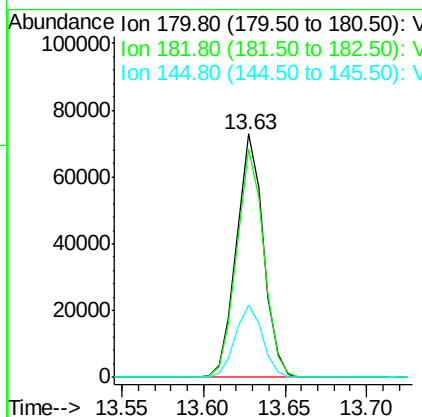
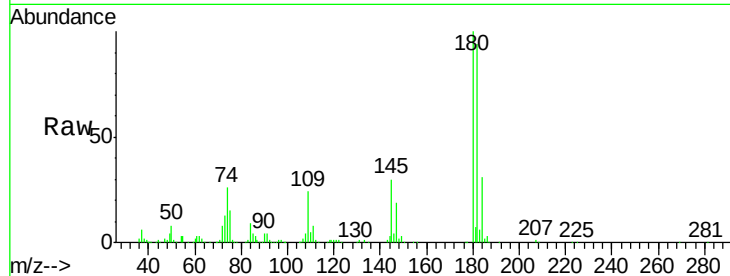
#93
 1,2,4-Trichlorobenzene
 Concen: 19.318 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016454.D
 Acq: 27 May 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0527WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	83751		
182	94.9	48.3	144.8	
145	30.2	15.4	46.2	

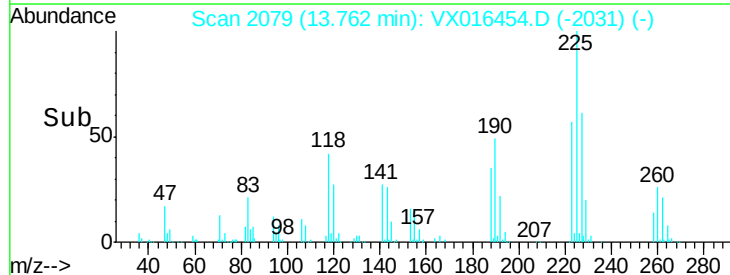
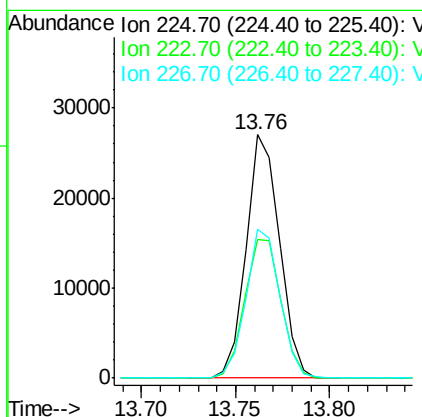
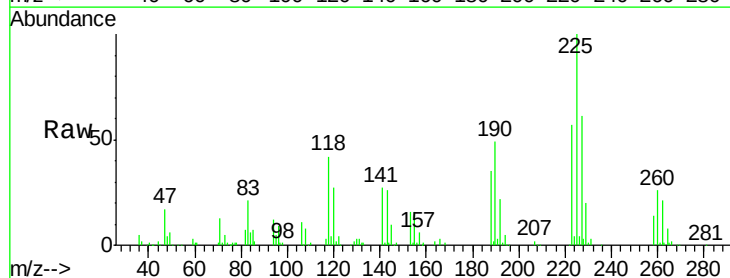
Manual Integrations
 APPROVED

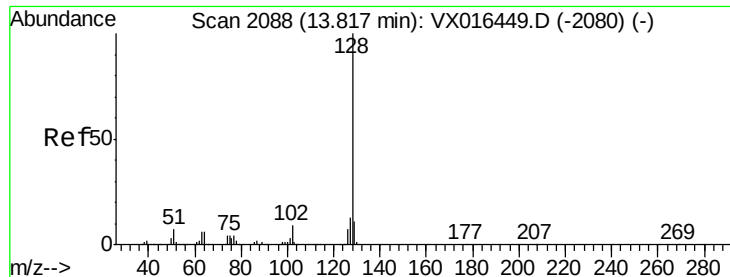
MMDadoda
 5/28/2020 2:10:34 PM



#94
 Hexachlorobutadiene
 Concen: 19.487 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016454.D
 Acq: 27 May 2020 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	33171		
223	61.7	32.3	96.8	
227	62.5	31.6	94.7	





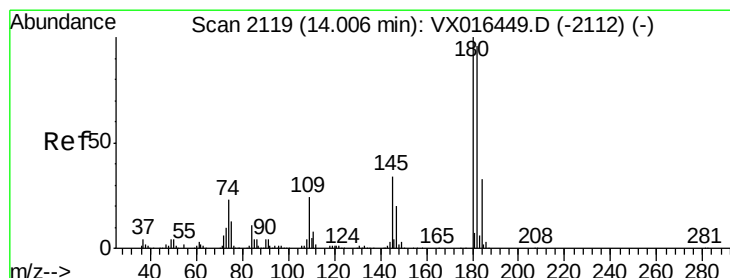
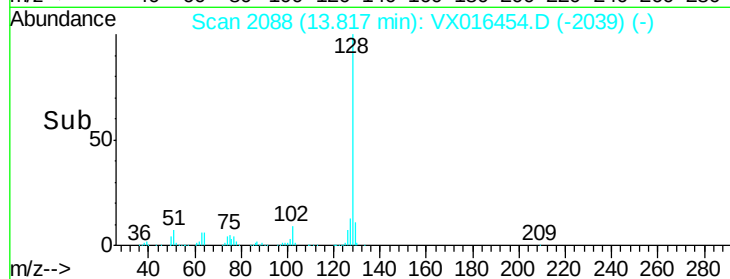
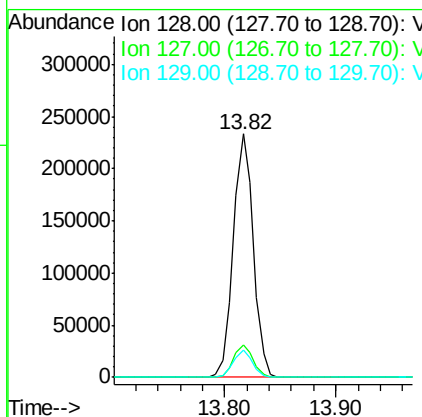
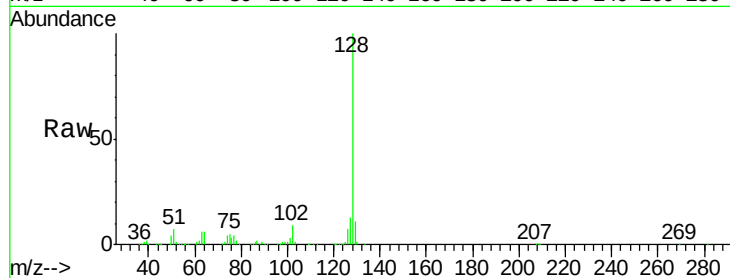
#95
Naphthalene
Concen: 19.452 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016454.D
Acq: 27 May 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VX0527WBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	289105		
127	13.1		10.6	15.8
129	10.9		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
5/28/2020 2:10:34 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.700 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016454.D
Acq: 27 May 2020 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	83677		
182	92.0		48.6	145.8
145	31.9		16.6	49.8

