

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061020\
 Data File : VX016673.D
 Acq On : 10 Jun 2020 14:38
 Operator : JC/SP
 Sample : L2962-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-200609MSD

Manual Integrations
 APPROVED

MMDadoda
 6/11/2020 12:46:13 PM

Quant Time: Jun 11 04:00:17 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	5.64	168	222086	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	336444	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	315380	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	167139	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	130605	47.35	ug/l	0.00
Spiked Amount			Recovery	=	94.70%	
35) Dibromofluoromethane	5.47	113	108262	52.26	ug/l	0.00
Spiked Amount			Recovery	=	104.52%	
50) Toluene-d8	8.70	98	398824	49.46	ug/l	0.00
Spiked Amount			Recovery	=	98.92%	
62) 4-Bromofluorobenzene	11.12	95	154473	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	92788	42.455	ug/l	98
3) Chloromethane	1.31	50	104572	39.593	ug/l	100
4) Vinyl Chloride	1.39	62	118059	42.268	ug/l	99
5) Bromomethane	1.62	94	66793	49.182	ug/l	96
6) Chloroethane	1.70	64	75387	46.269	ug/l	96
7) Trichlorofluoromethane	1.91	101	188329	51.341	ug/l	99
8) Diethyl Ether	2.17	74	72120	47.151	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.36	101	101953	50.501	ug/l	97
10) Methyl Iodide	2.49	142	119532	49.585	ug/l	99
11) Tert butyl alcohol	3.02	59	160489	226.922	ug/l	100
12) 1,1-Dichloroethene	2.36	96	103587	48.474	ug/l	96
13) Acrolein	2.27	56	66394	220.687	ug/l	97
14) Allyl chloride	2.70	41	165657	42.152	ug/l	96
15) Acrylonitrile	3.12	53	325282	224.527	ug/l	100
16) Acetone	2.42	43	284896	235.772	ug/l	99
17) Carbon Disulfide	2.55	76	260447	41.041	ug/l	100
18) Methyl Acetate	2.75	43	145415	46.920	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	371178	48.371	ug/l	97
20) Methylene Chloride	2.83	84	115454	46.181	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	109952	46.517	ug/l	95
22) Diisopropyl ether	3.82	45	327241	43.346	ug/l	97
23) Vinyl Acetate	3.78	43	1439928	217.901	ug/l	95
24) 1,1-Dichloroethane	3.67	63	196293	46.066	ug/l	99
25) 2-Butanone	4.64	43	443876	216.789	ug/l	93
26) 2,2-Dichloropropane	4.55	77	177360	50.866	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	127435	46.603	ug/l	97
28) Bromochloromethane	4.98	49	78844	39.817	ug/l	# 81
29) Tetrahydrofuran	5.09	42	281602	212.886	ug/l	92
30) Chloroform	5.18	83	209944	48.898	ug/l	98
31) Cyclohexane	5.55	56	154829	40.389	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	195995	50.422	ug/l	98
36) 1,1-Dichloropropene	5.77	75	149008	46.777	ug/l	97
37) Ethyl Acetate	4.79	43	162997	42.620	ug/l	97
38) Carbon Tetrachloride	5.75	117	174843	52.229	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX061020\
 Data File : VX016673.D
 Acq On : 10 Jun 2020 14:38
 Operator : JC/SP
 Sample : L2962-03MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-200609MSD

Manual Integrations
 APPROVED

MMDadoda
 6/11/2020 12:46:13 PM

Quant Time: Jun 11 04:00:17 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	161758	46.751	ug/l	97
40) Benzene	6.11	78	459061	48.392	ug/l	100
41) Methacrylonitrile	5.00	41	90550	43.104	ug/l	94
42) 1,2-Dichloroethane	6.17	62	166399	49.325	ug/l	99
43) Isopropyl Acetate	6.42	43	262784	44.051	ug/l	97
44) Trichloroethene	7.19	130	143333	47.623	ug/l	98
45) 1,2-Dichloropropane	7.49	63	115037	47.635	ug/l	97
46) Dibromomethane	7.64	93	81498	50.243	ug/l	95
47) Bromodichloromethane	7.88	83	172958	51.497	ug/l	99
48) Methyl methacrylate	7.74	41	129668	45.398	ug/l	95
49) 1,4-Dioxane	7.72	88	63465	949.454	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	855061	230.198	ug/l	97
52) Toluene	8.76	92	298775	49.946	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	195382	51.159	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	198468	49.097	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	123926	52.104	ug/l	96
56) Ethyl methacrylate	9.16	69	191438	49.422	ug/l	96
57) 1,3-Dichloropropane	9.35	76	202137	49.514	ug/l	100
59) 2-Hexanone	9.48	43	669009	231.606	ug/l	96
60) Dibromochloromethane	9.57	129	145169	54.237	ug/l	99
61) 1,2-Dibromoethane	9.65	107	132450	52.003	ug/l	99
64) Tetrachloroethene	9.32	164	165608	46.935	ug/l	98
65) Chlorobenzene	10.12	112	906873	141.044	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	131347	53.515	ug/l	99
67) Ethyl Benzene	10.24	91	567375	49.563	ug/l	99
68) m/p-Xylenes	10.34	106	434856	102.453	ug/l	98
69) o-Xylene	10.68	106	208129	50.633	ug/l	98
70) Styrene	10.70	104	368810	52.199	ug/l	99
71) Bromoform	10.84	173	115305	55.587	ug/l	98
73) Isopropylbenzene	11.01	105	560404	48.391	ug/l	100
74) N-amyl acetate	10.88	43	225948	42.417	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	155300	53.508	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	172695m	47.007	ug/l	
77) Bromobenzene	11.24	156	150591	49.579	ug/l	94
78) n-propylbenzene	11.34	91	621976	48.073	ug/l	100
79) 2-Chlorotoluene	11.40	91	382076	48.380	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	476532	49.281	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	69055	46.237	ug/l	99
82) 4-Chlorotoluene	11.49	91	451058	48.366	ug/l	99
83) tert-Butylbenzene	11.76	119	421238	50.983	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	480009	49.085	ug/l	100
85) sec-Butylbenzene	11.93	105	513254	49.519	ug/l	100
86) p-Isopropyltoluene	12.05	119	490975	50.568	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	427850	81.305	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	719723	133.729	ug/l	99
89) n-Butylbenzene	12.37	91	400569	49.532	ug/l	98
90) Hexachloroethane	12.58	117	83804	49.971	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	2545604	499.304	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	45981	48.911	ug/l	98
93) 1,2,4-Trichlorobenzene	13.63	180	195567	57.758	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061020\
Data File : VX016673.D
Acq On : 10 Jun 2020 14:38
Operator : JC/SP
Sample : L2962-03MSD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-200609MSD

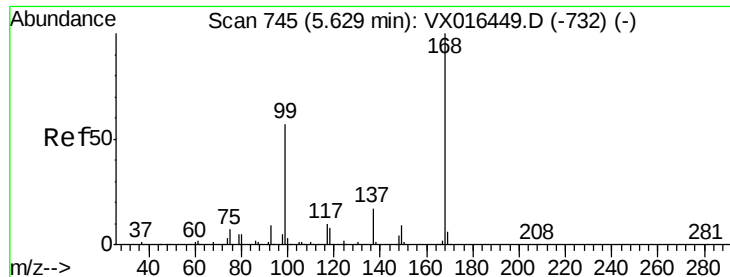
Manual Integrations
APPROVED

MMDadoda
6/11/2020 12:46:13 PM

Quant Time: Jun 11 04:00:17 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)
94) Hexachlorobutadiene	13.77	225	77097	57.993	ug/l	98
95) Naphthalene	13.82	128	597543	51.479	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	187012	56.376	ug/l	98

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



#1

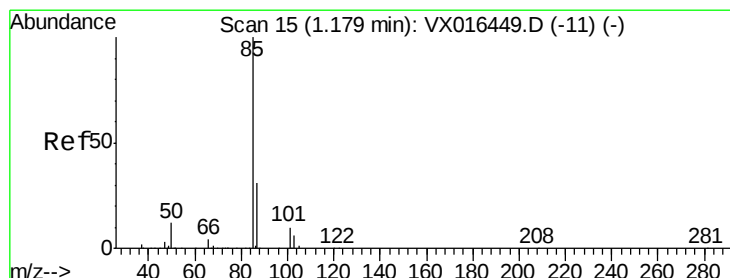
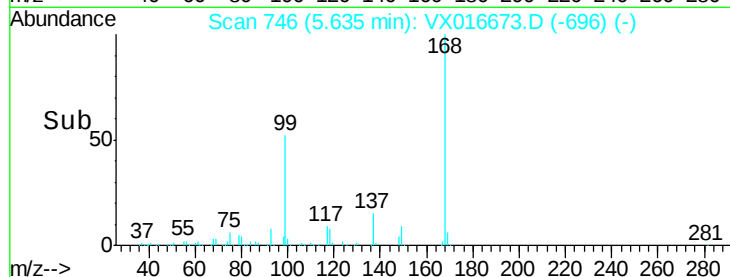
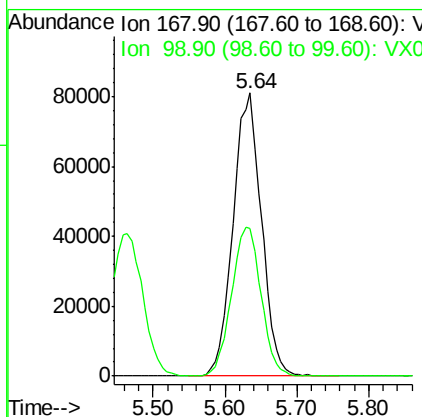
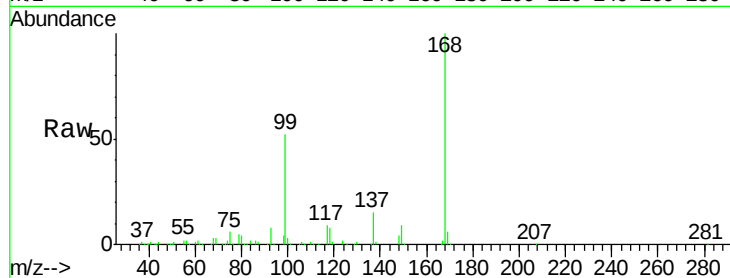
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. 0.01 min
 Lab File: VX016673.D
 Acq: 10 Jun 2020 14:38

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-200609MSD

Tot Ion	Ratio	Lower	Upper
168	100		
99	51.9	45.2	67.8

Manual Integrations
 APPROVED

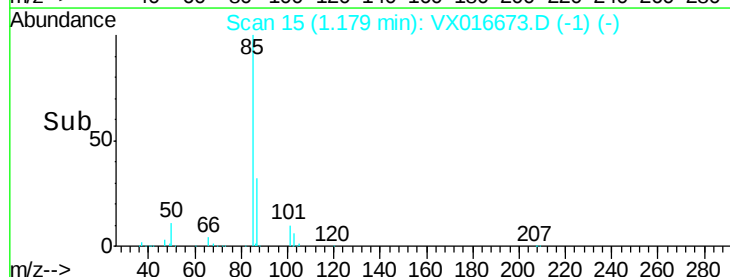
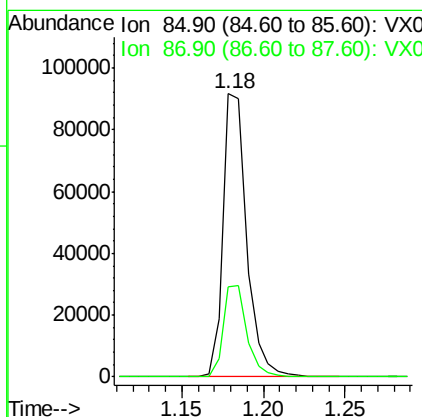
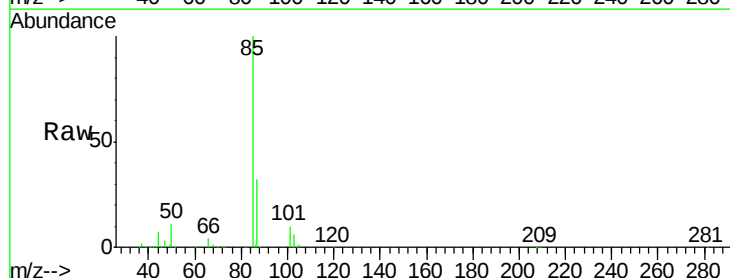
MMDadoda
 6/11/2020 12:46:13 PM



#2

Dichlorodifluoromethane
 Concen: 42.455 ug/l
 RT: 1.18 min Scan# 15
 Delta R.T. -0.00 min
 Lab File: VX016673.D
 Acq: 10 Jun 2020 14:38

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.8	15.4	46.2





#3

Chloromethane

Concen: 39.593 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016673.D

Acq: 10 Jun 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-200609MSD

Tot Ion: 50 Resp: 104572

Ion Ratio Lower Upper

50 100

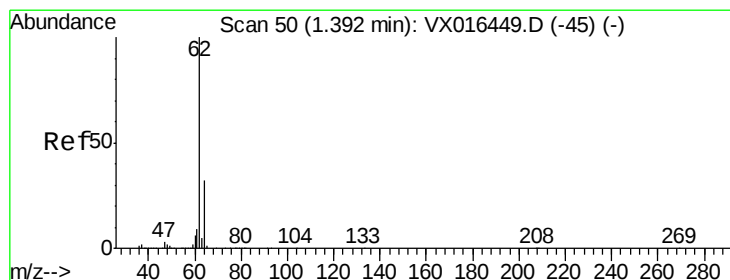
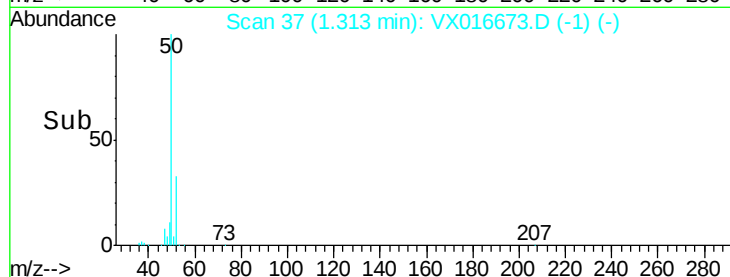
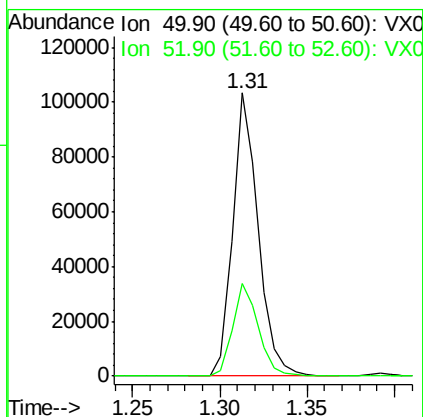
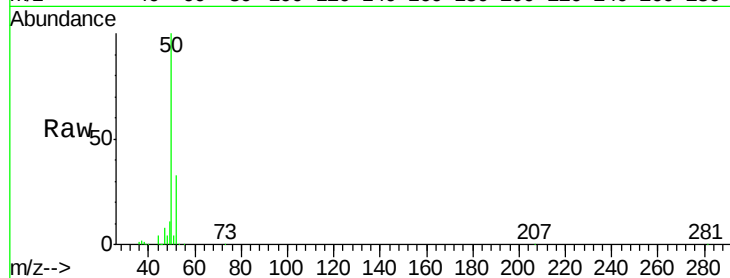
52 32.6 26.2 39.2

Manual Integrations

APPROVED

MMDadoda

6/11/2020 12:46:13 PM



#4

Vinyl Chloride

Concen: 42.268 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016673.D

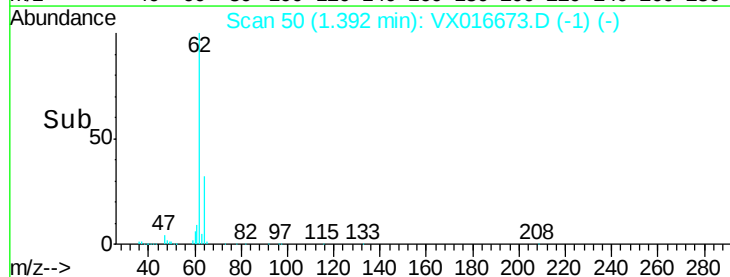
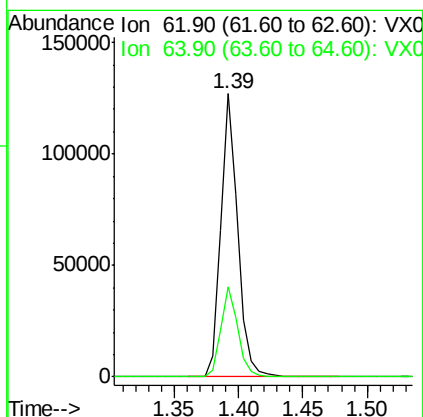
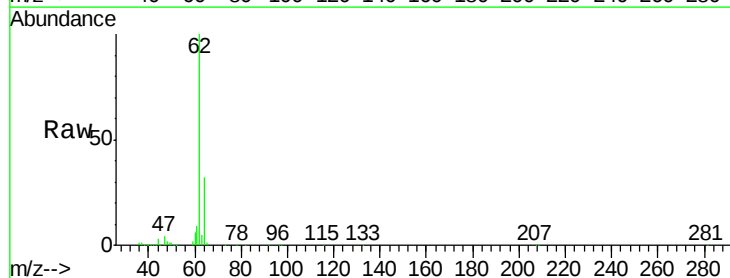
Acq: 10 Jun 2020 14:38

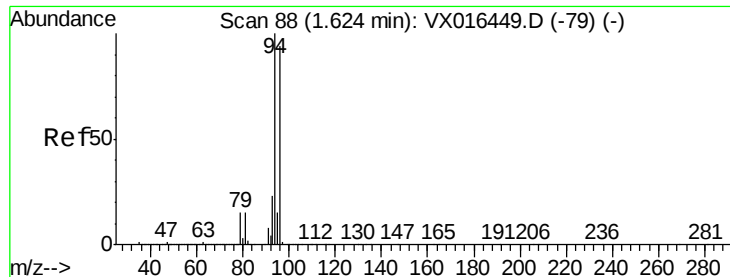
Tgt Ion: 62 Resp: 118059

Ion Ratio Lower Upper

62 100

64 31.8 25.9 38.9





#5

Bromomethane

Concen: 49.182 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016673.D

Acq: 10 Jun 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-200609MSD

Tot Ion: 94 Resp: 66793

Ion Ratio Lower Upper

94 100

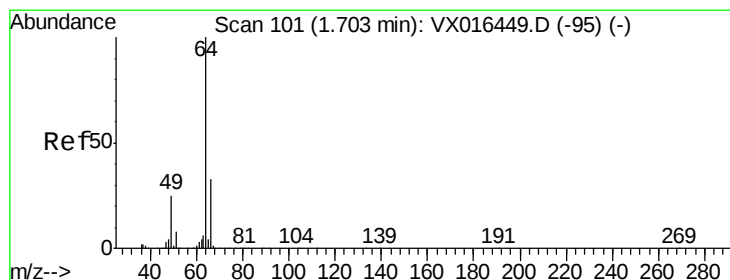
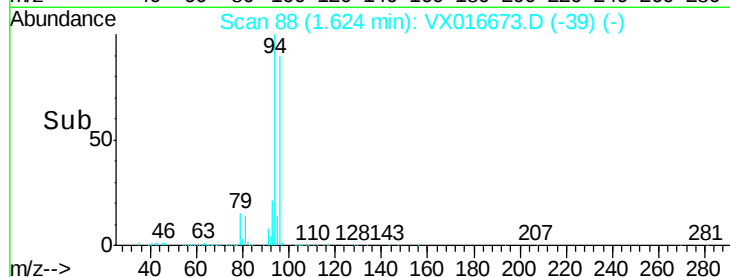
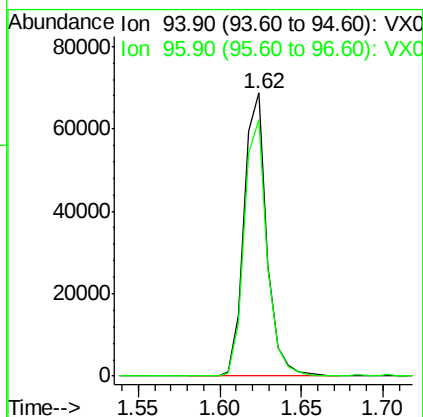
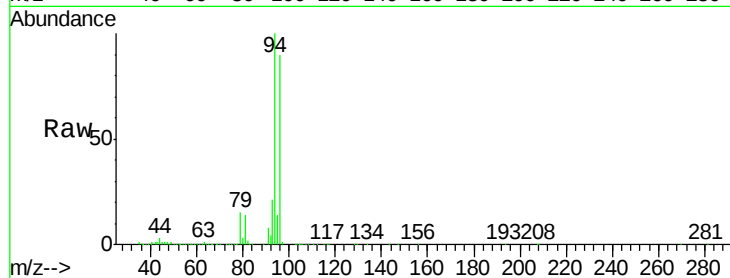
96 90.4 75.1 112.7

Manual Integrations

APPROVED

MMDadoda

6/11/2020 12:46:13 PM



#6

Chloroethane

Concen: 46.269 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016673.D

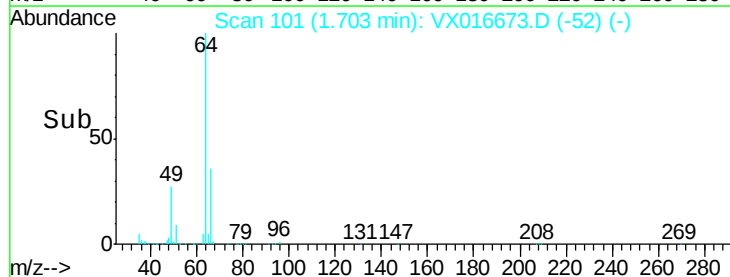
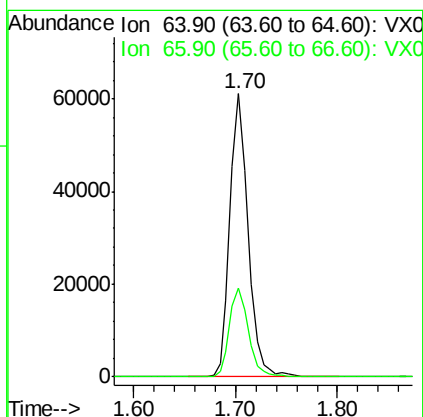
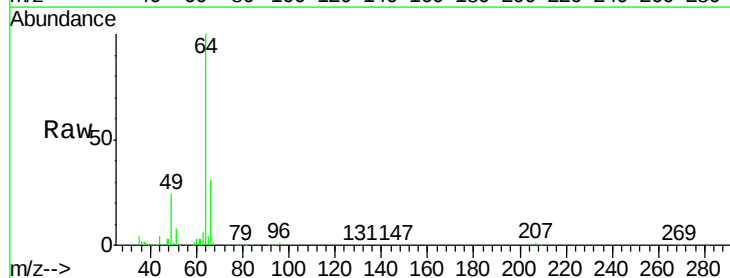
Acq: 10 Jun 2020 14:38

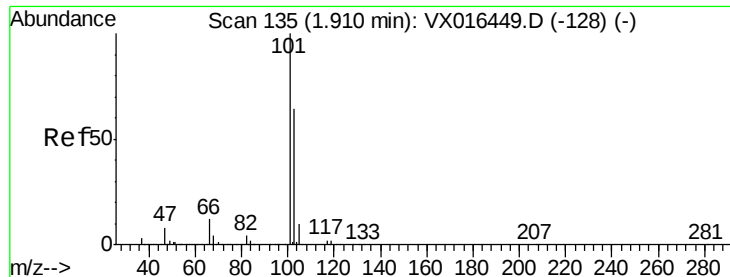
Tgt Ion: 64 Resp: 75387

Ion Ratio Lower Upper

64 100

66 31.2 26.7 40.1





#7

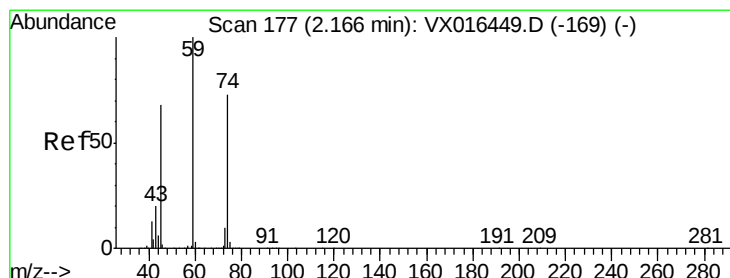
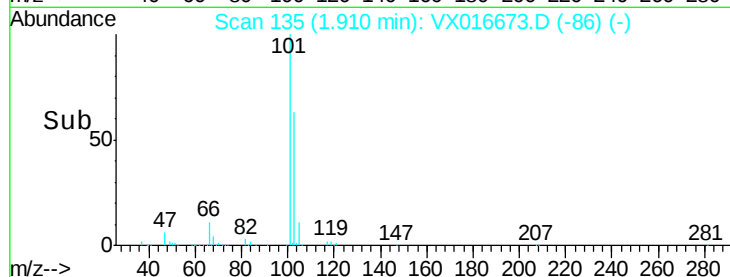
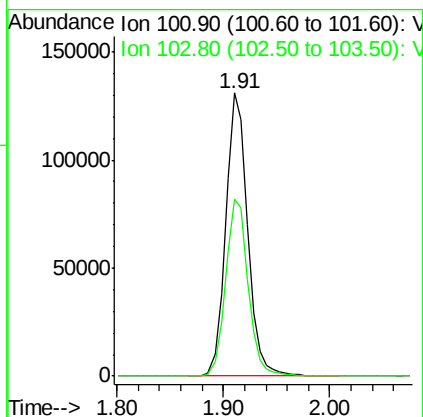
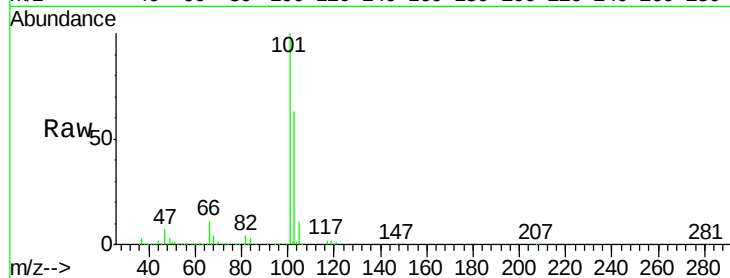
Trichlorofluoromethane
Concen: 51.341 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-200609MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		188329		
103	62.7	50.9	76.3		

Manual Integrations
APPROVED

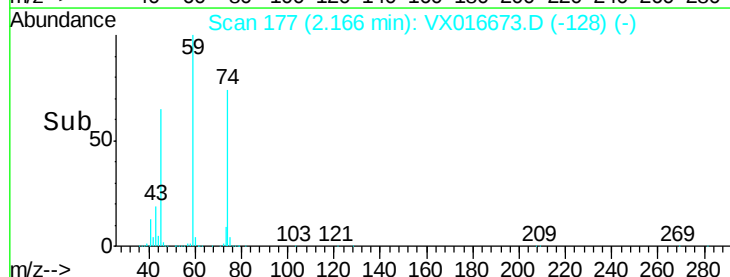
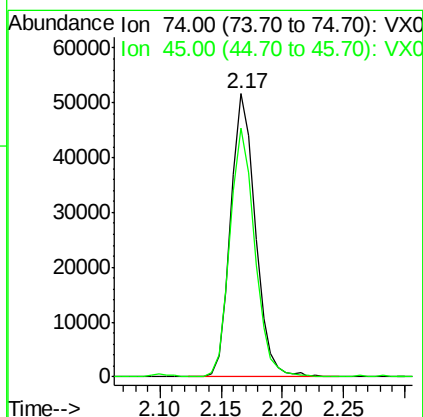
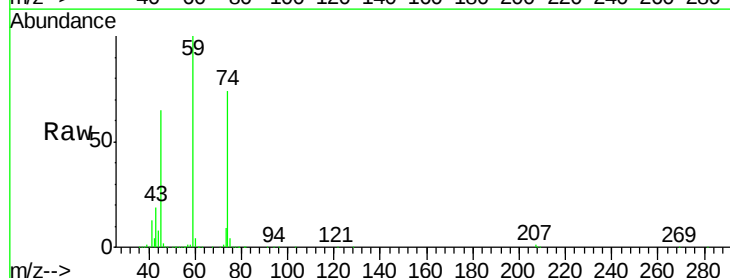
MMDadoda
6/11/2020 12:46:13 PM



#8

Diethyl Ether
Concen: 47.151 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		72120		
45	87.0	47.5	142.5		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.501 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016673.D

Acq: 10 Jun 2020 14:38

Instrument :

MSVOA_X

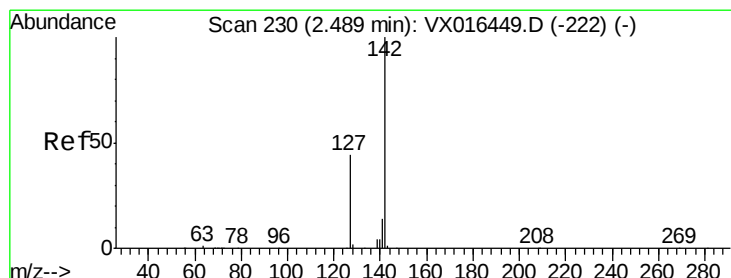
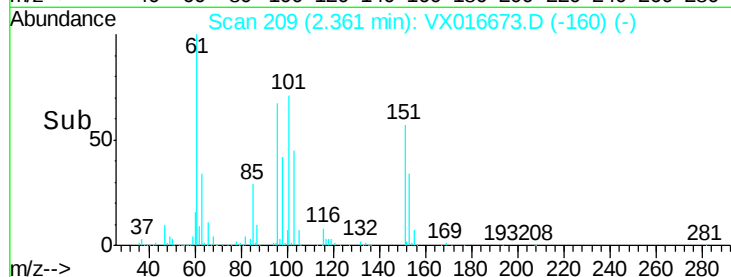
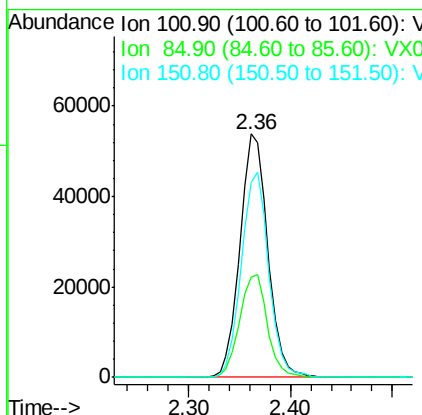
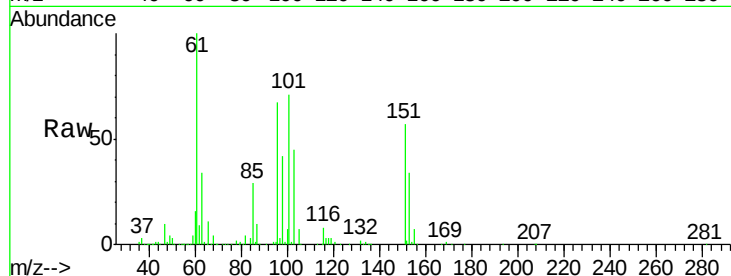
ClientSampleId :

SS003RW114R-200609MSD

Tot Ion:	101	Resp:	101953
Ion Ratio	Lower	Upper	
101	100		
85	42.1	34.4	51.6
151	83.0	63.8	95.6

Manual Integrations
APPROVED

MMDadoda
6/11/2020 12:46:13 PM



#10

Methyl Iodide

Concen: 49.585 ug/l

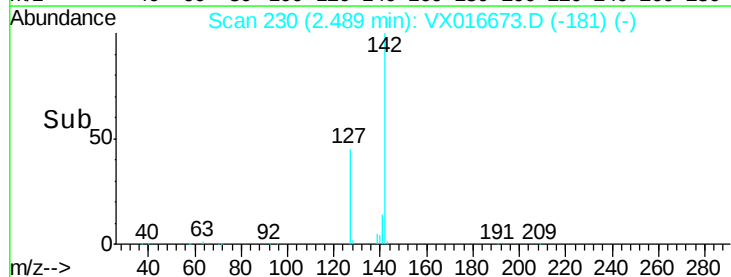
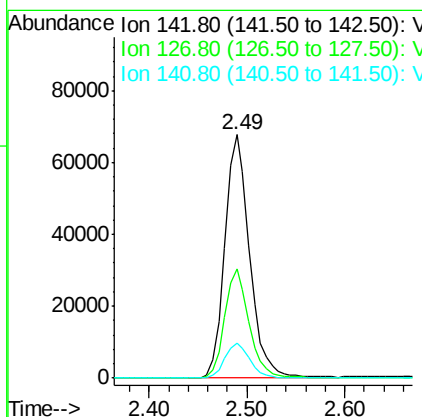
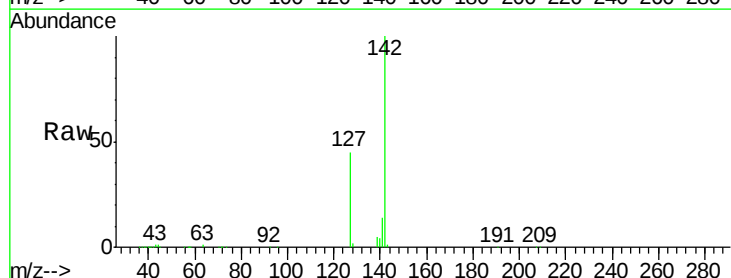
RT: 2.49 min Scan# 230

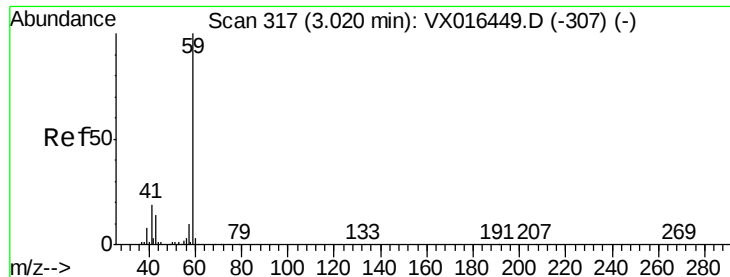
Delta R.T. 0.00 min

Lab File: VX016673.D

Acq: 10 Jun 2020 14:38

Tgt Ion:	142	Resp:	119532
Ion Ratio	Lower	Upper	
142	100		
127	44.4	35.3	52.9
141	14.6	11.4	17.2





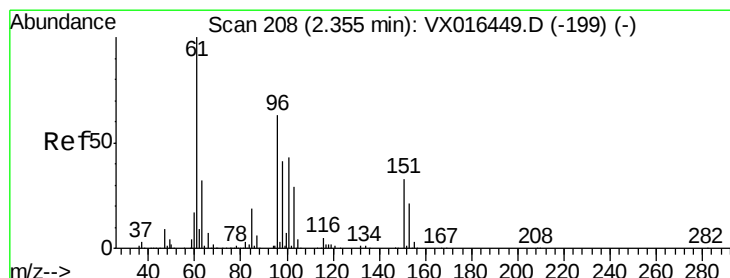
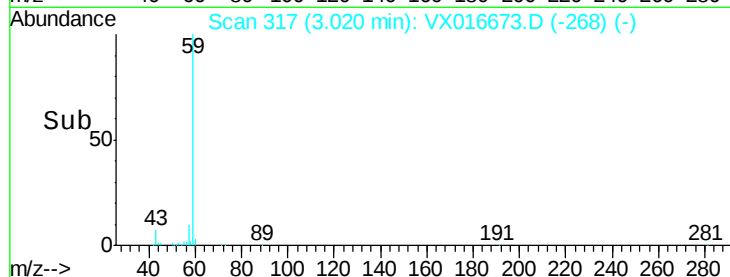
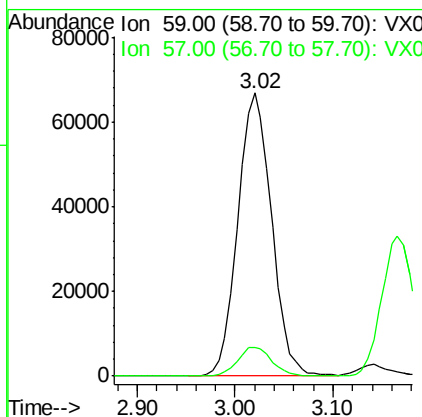
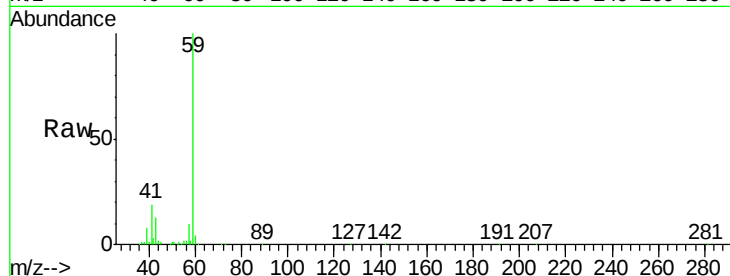
#11
Tert butyl alcohol
Concen: 226.922 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-200609MSD

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.2	12.4

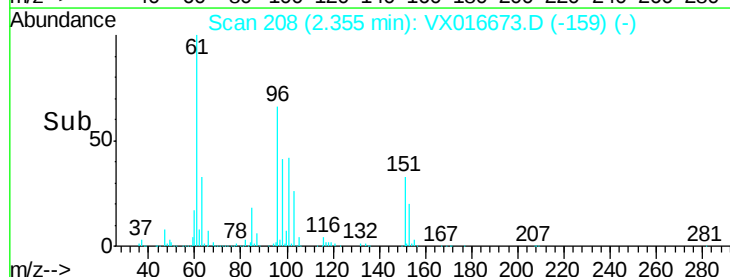
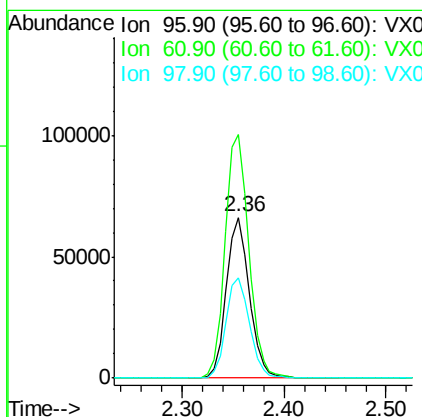
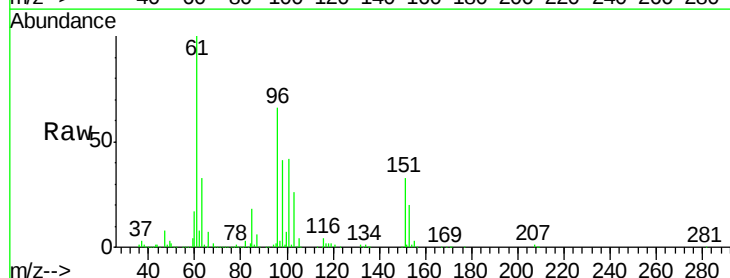
Manual Integrations
APPROVED

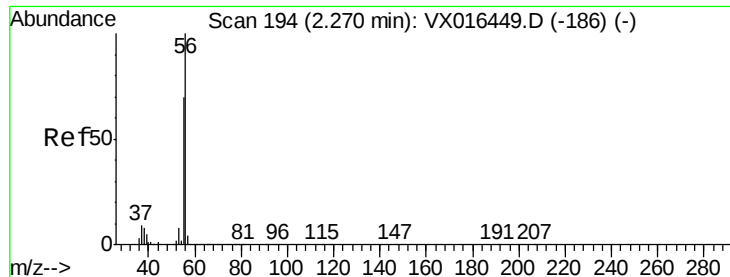
MMDadoda
6/11/2020 12:46:13 PM



#12
1,1-Dichloroethene
Concen: 48.474 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.8	126.6	189.8
98	62.6	51.3	76.9





#13

Acrolein

Concen: 220.687 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016673.D

Acq: 10 Jun 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-200609MSD

Tot Ion: 56 Resp: 66394

Ion Ratio Lower Upper

56 100

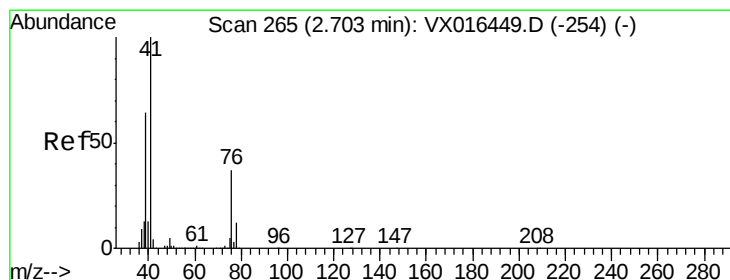
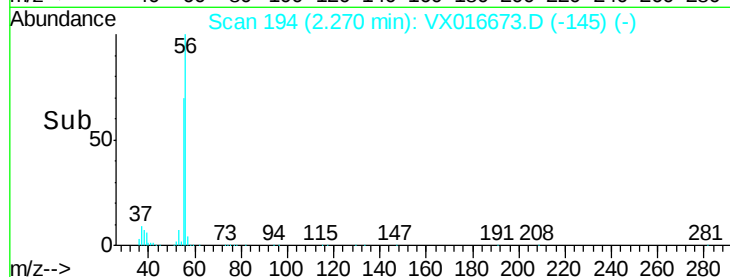
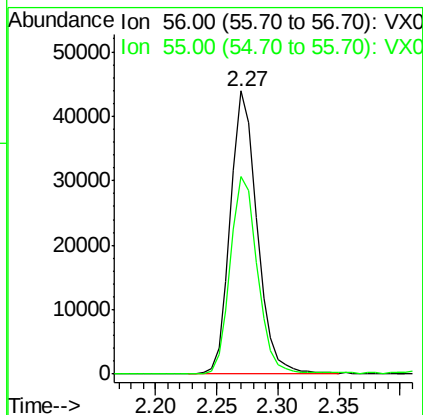
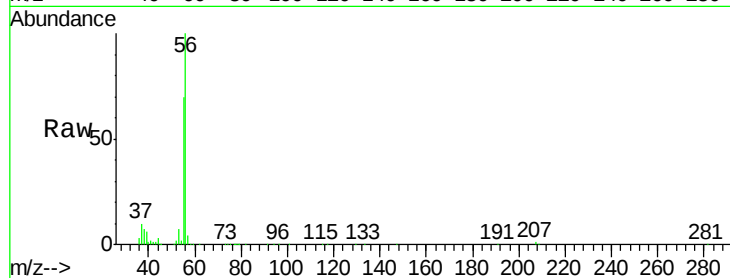
55 70.4 58.3 87.5

Manual Integrations

APPROVED

MMDadoda

6/11/2020 12:46:13 PM



#14

Allyl chloride

Concen: 42.152 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016673.D

Acq: 10 Jun 2020 14:38

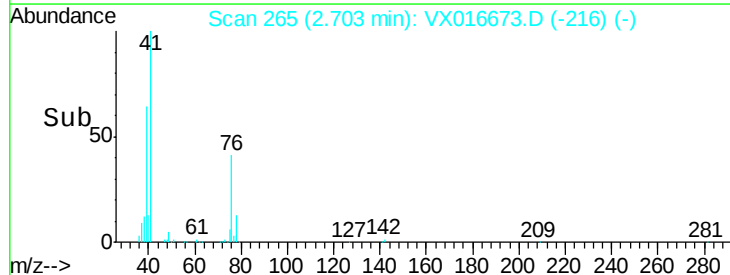
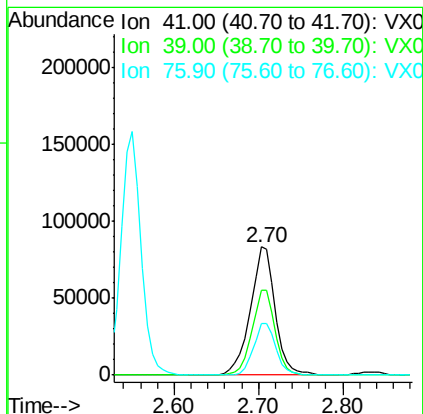
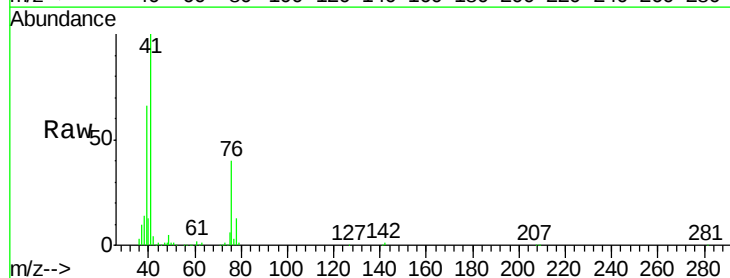
Tgt Ion: 41 Resp: 165657

Ion Ratio Lower Upper

41 100

39 61.8 47.7 71.5

76 36.7 26.6 40.0





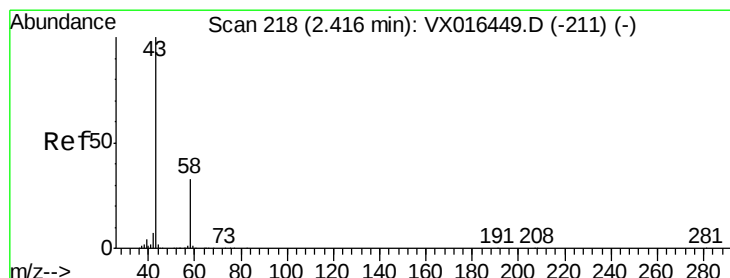
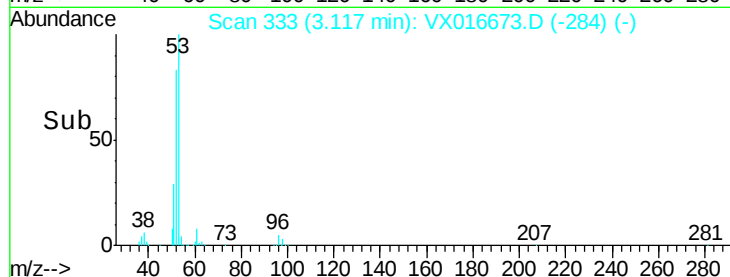
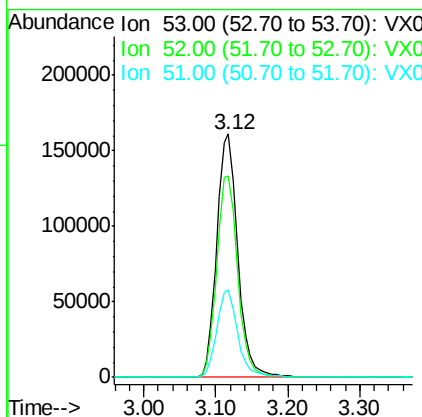
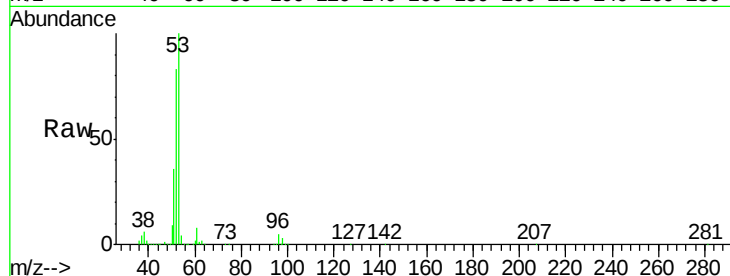
#15
 Acrylonitrile
 Concen: 224.527 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016673.D
 Acq: 10 Jun 2020 14:38

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-200609MSD

Tot Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.7	100.1
51	36.2	28.6	43.0

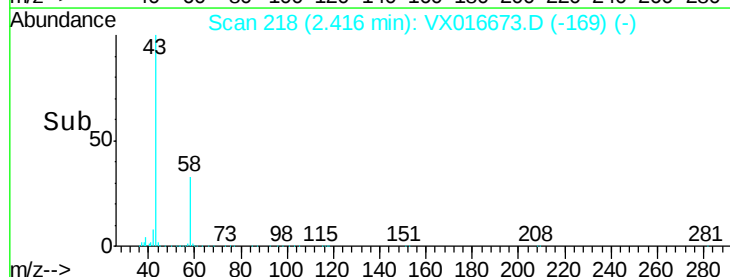
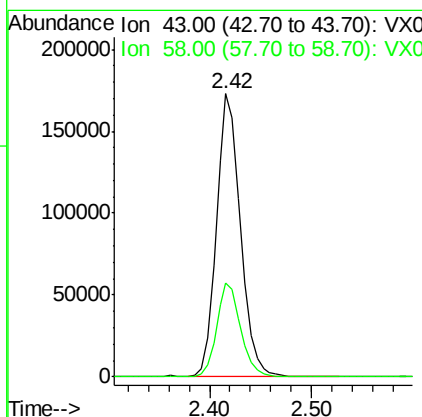
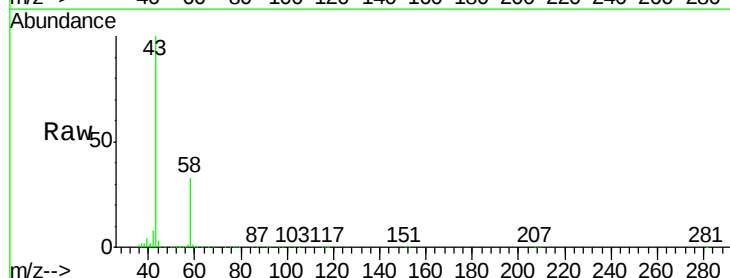
Manual Integrations
 APPROVED

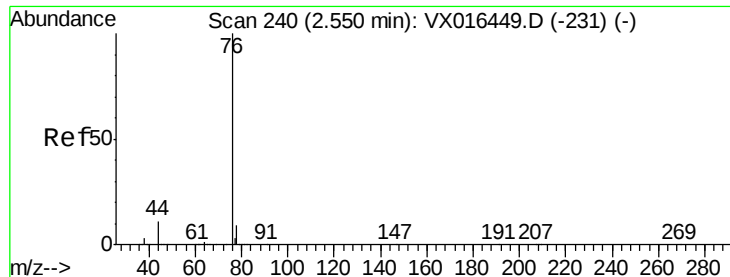
MMDadoda
 6/11/2020 12:46:13 PM



#16
 Acetone
 Concen: 235.772 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX016673.D
 Acq: 10 Jun 2020 14:38

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.0	26.1	39.1





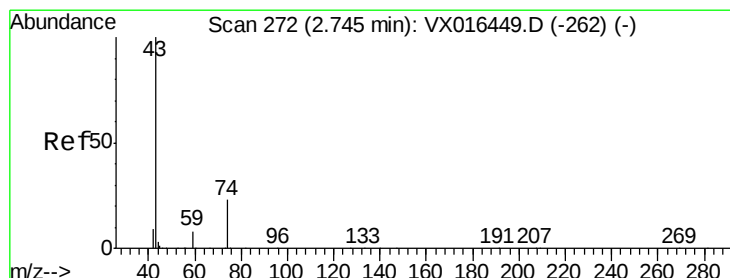
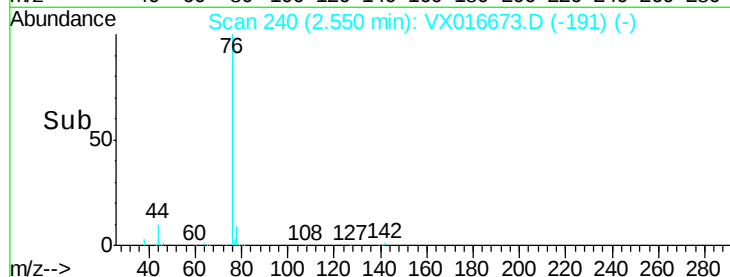
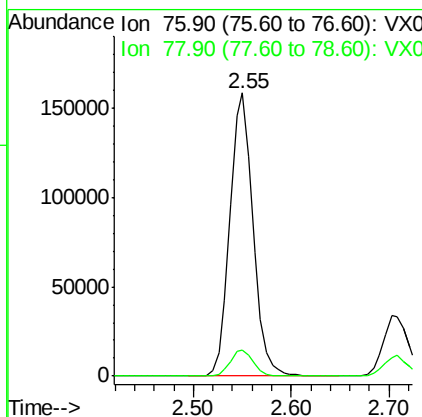
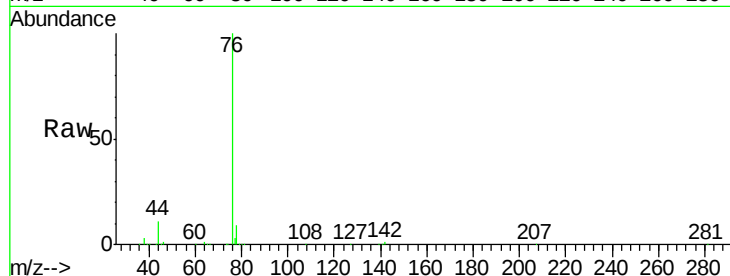
#17
Carbon Disulfide
Concen: 41.041 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-200609MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.0

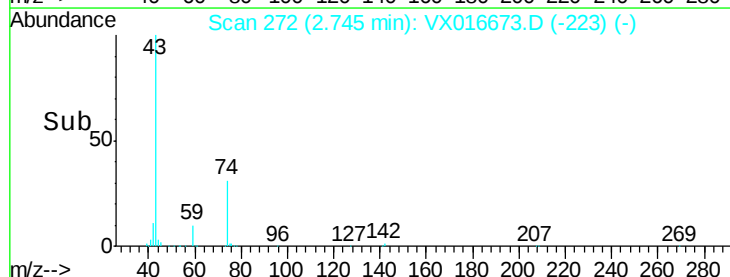
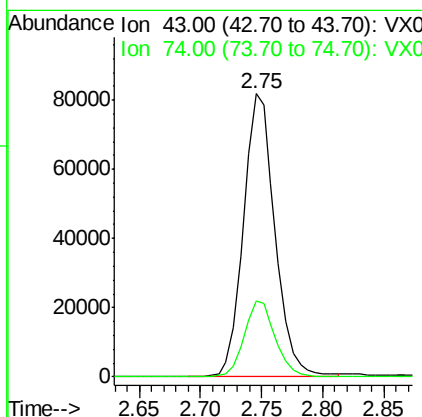
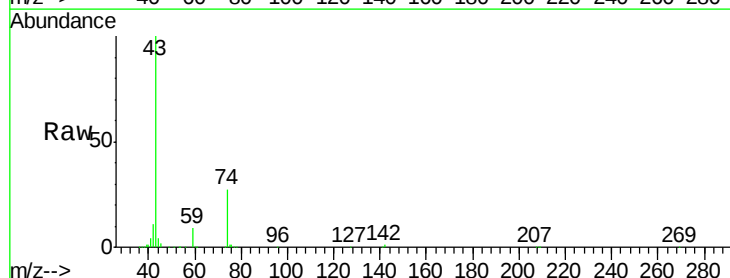
Manual Integrations
APPROVED

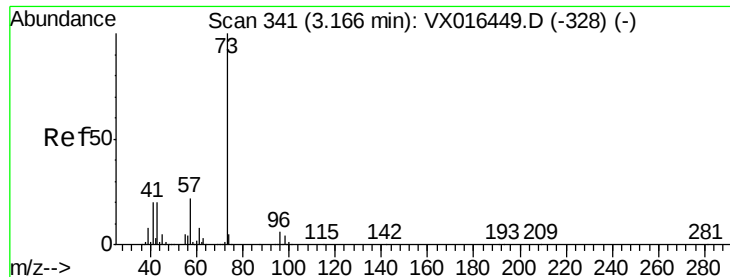
MMDadoda
6/11/2020 12:46:13 PM



#18
Methyl Acetate
Concen: 46.920 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.9	19.7	29.5





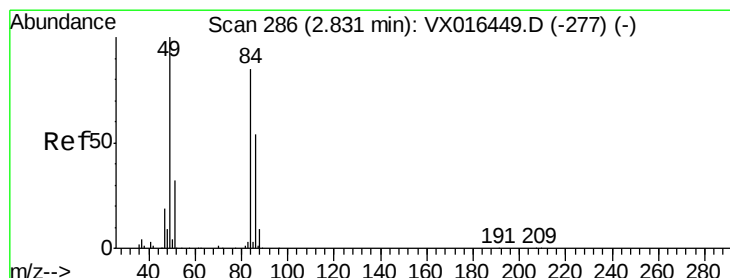
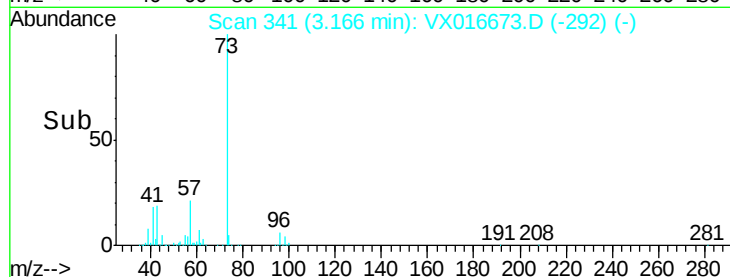
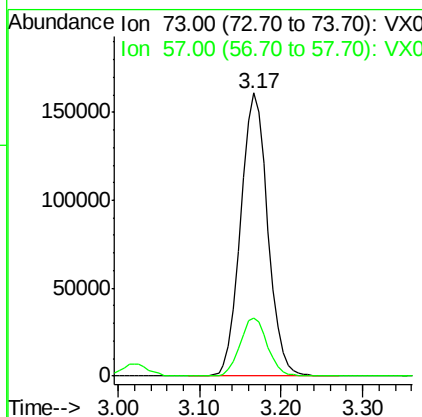
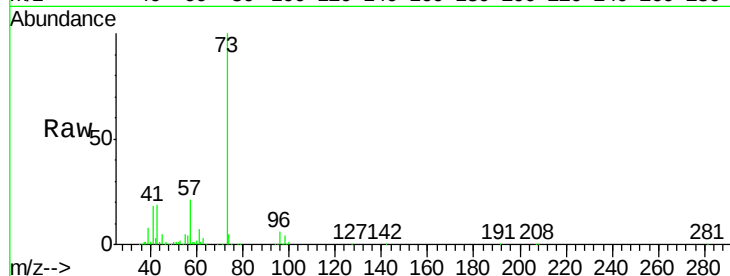
#19
Methvl tert-butvl Ether
Concen: 48.371 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-200609MSD

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.5	17.8	26.6

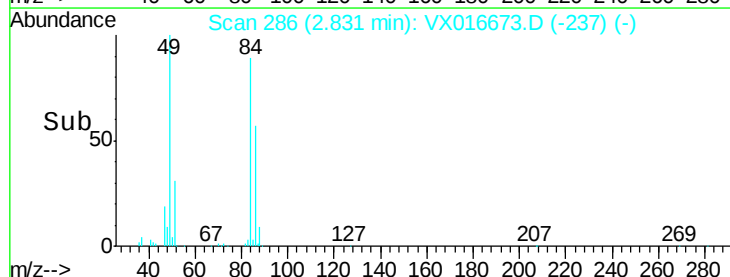
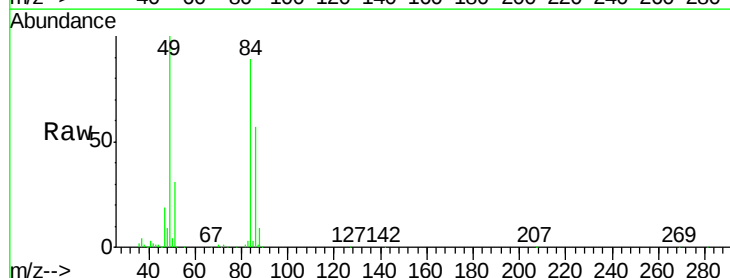
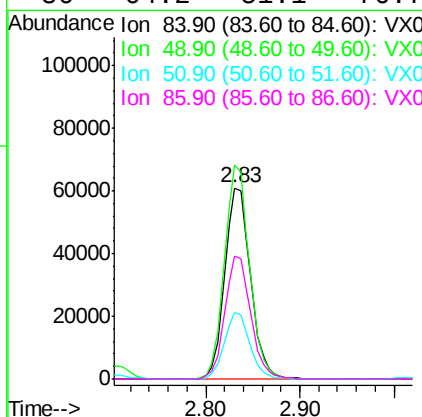
Manual Integrations
APPROVED

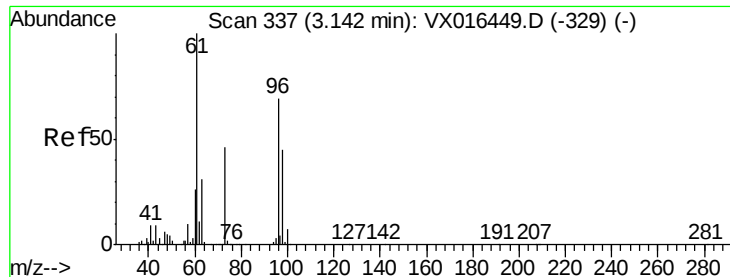
MMDadoda
6/11/2020 12:46:13 PM



#20
Methylene Chloride
Concen: 46.181 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Tgt Ion	Ratio	Lower	Upper
84	100		
49	111.9	94.5	141.7
51	35.1	30.2	45.4
86	64.2	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 46.517 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016673.D

Acq: 10 Jun 2020 14:38

Instrument :

MSVOA_X

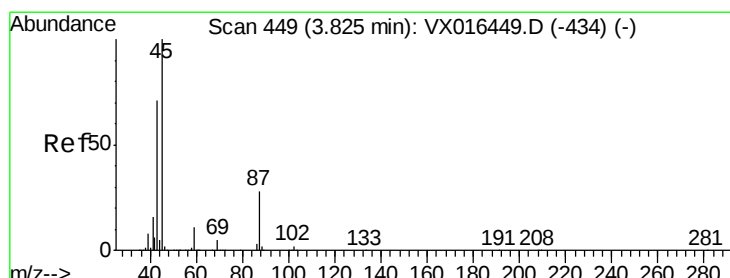
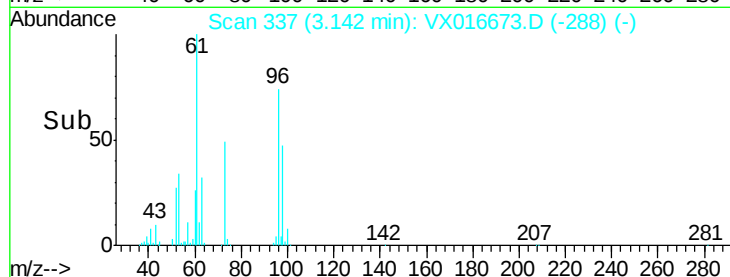
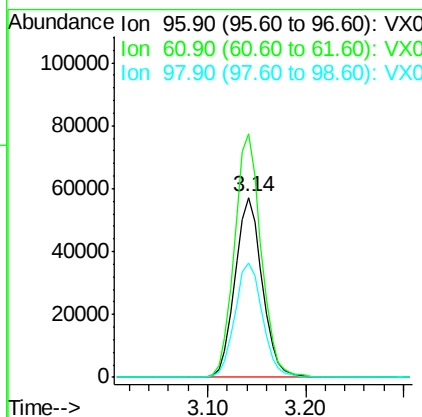
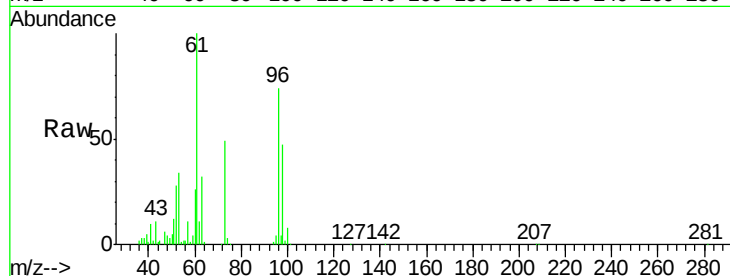
ClientSampleId :

SS003RW114R-200609MSD

Tot Ion:	96	Resp:	109952
Ion	Ratio	Lower	Upper
96	100		
61	135.5	115.3	172.9
98	63.5	51.9	77.9

Manual Integrations
APPROVED

MMDadoda
6/11/2020 12:46:13 PM



#22

Diisopropyl ether

Concen: 43.346 ug/l

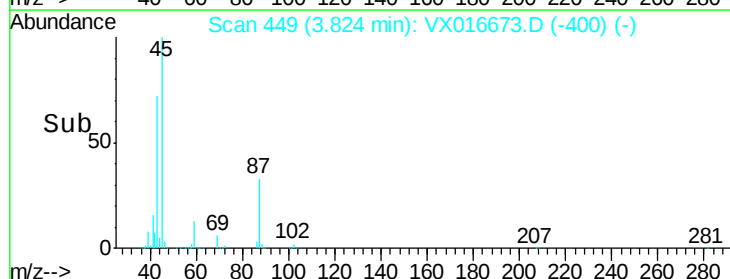
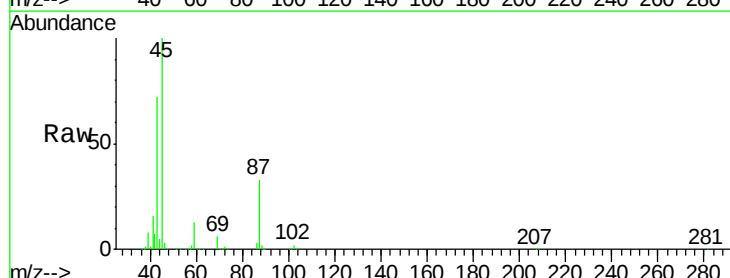
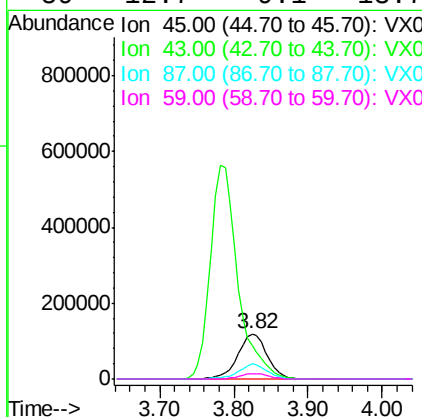
RT: 3.82 min Scan# 449

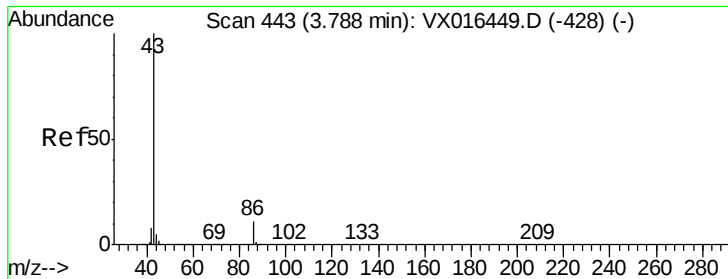
Delta R.T. -0.00 min

Lab File: VX016673.D

Acq: 10 Jun 2020 14:38

Tgt Ion:	45	Resp:	327241
Ion	Ratio	Lower	Upper
45	100		
43	71.6	57.0	85.6
87	32.6	22.5	33.7
59	12.7	9.1	13.7





#23

Vinyl Acetate

Concen: 217.901 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016673.D

Acq: 10 Jun 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-200609MSD

Tot Ion: 43 Resp: 1439928

Ion Ratio Lower Upper

43 100

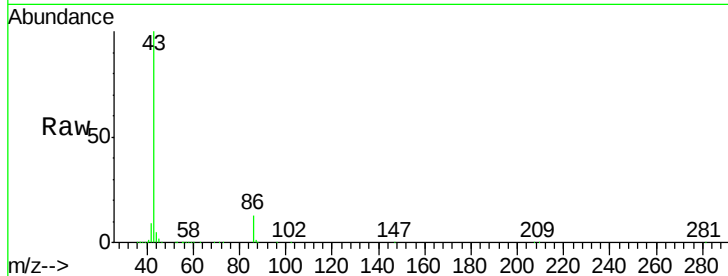
86 12.5 8.6 13.0

Manual Integrations

APPROVED

MMDadoda

6/11/2020 12:46:13 PM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

600000

500000

400000

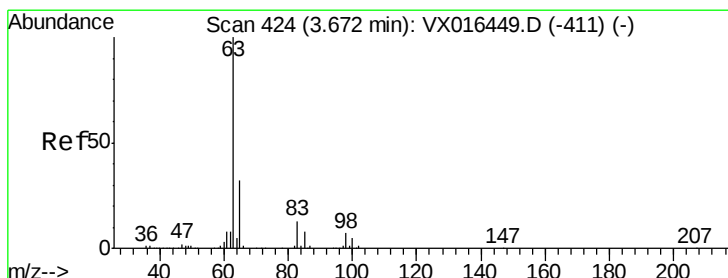
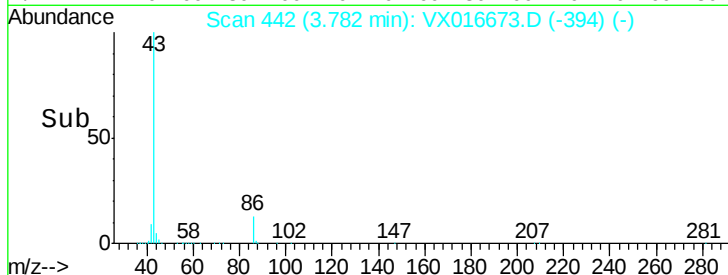
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 46.066 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016673.D

Acq: 10 Jun 2020 14:38

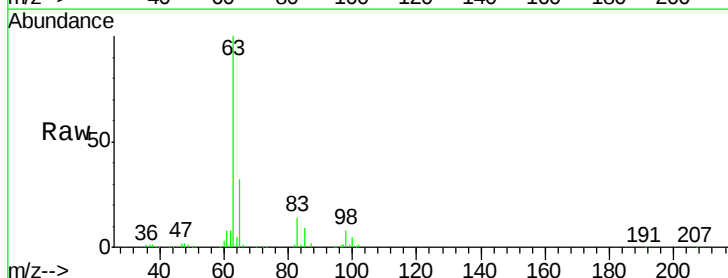
Tgt Ion: 63 Resp: 196293

Ion Ratio Lower Upper

63 100

98 8.1 3.6 10.9

100 4.7 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.67

100000

80000

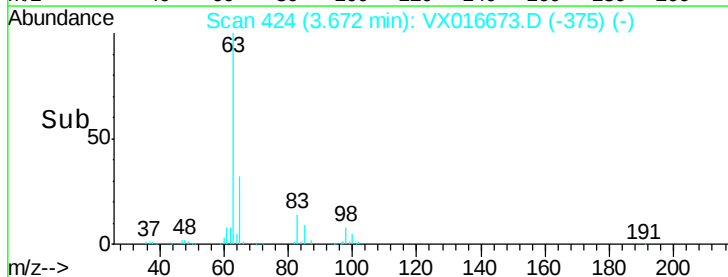
60000

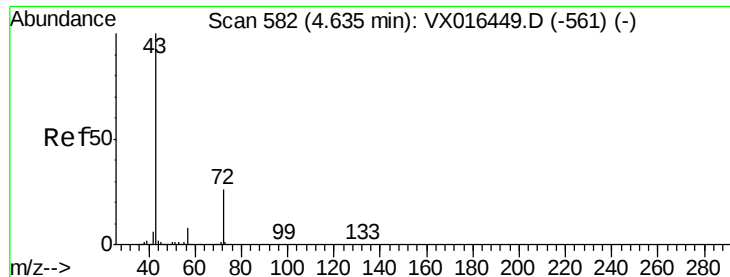
40000

20000

0

Time-->





#25

2-Butanone

Concen: 216.789 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016673.D

Acq: 10 Jun 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-200609MSD

Tot Ion: 43 Resp: 443876

Ion Ratio Lower Upper

43 100

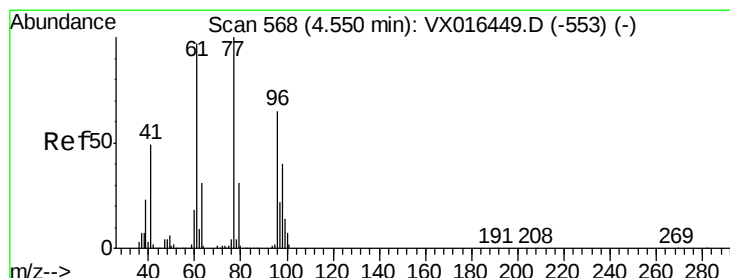
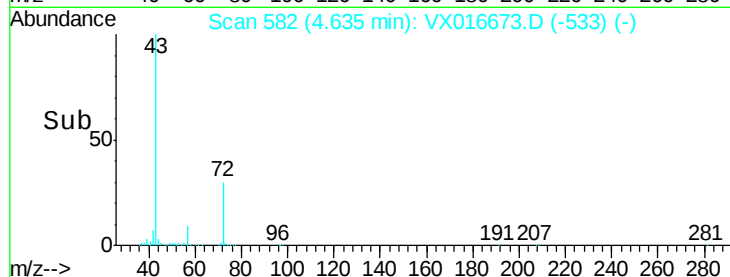
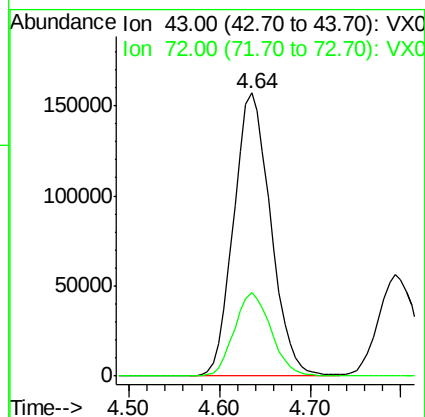
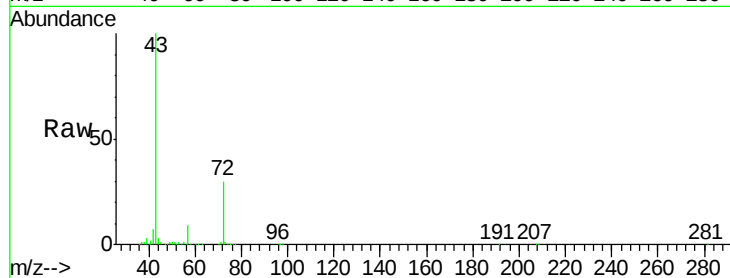
72 29.7 21.0 31.6

Manual Integrations

APPROVED

MMDadoda

6/11/2020 12:46:13 PM



#26

2,2-Dichloropropane

Concen: 50.866 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016673.D

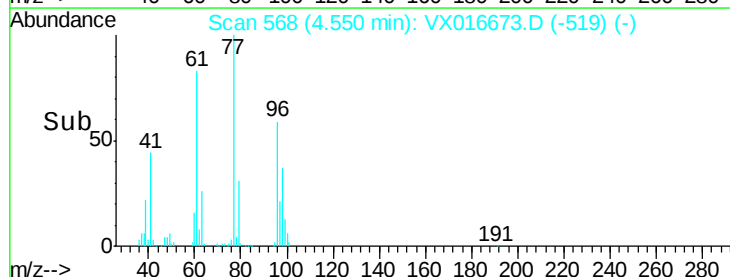
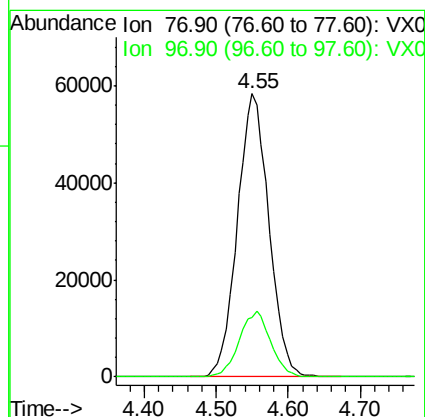
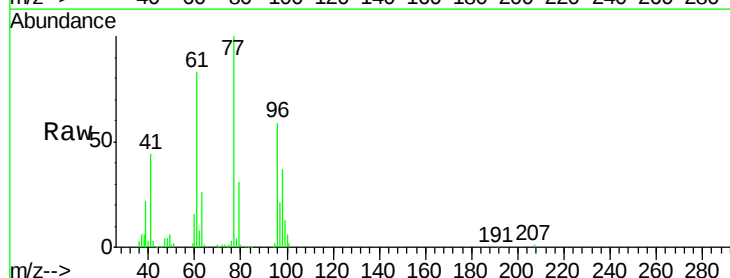
Acq: 10 Jun 2020 14:38

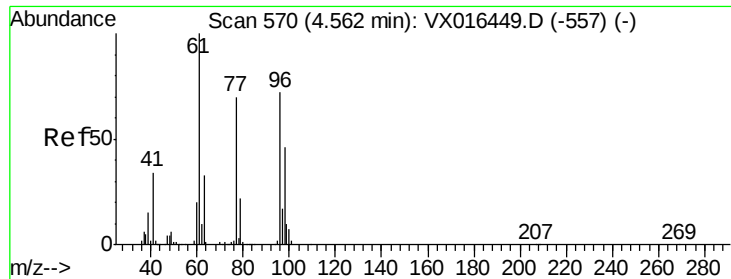
Tgt Ion: 77 Resp: 177360

Ion Ratio Lower Upper

77 100

97 23.2 11.5 34.4





#27

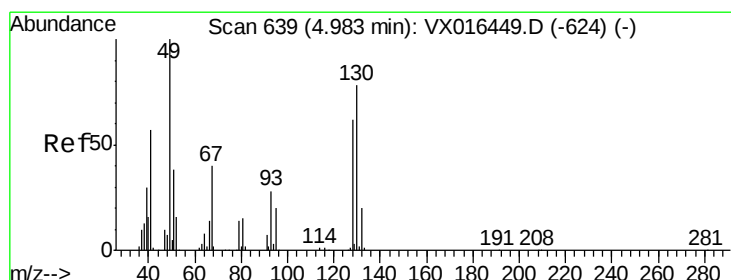
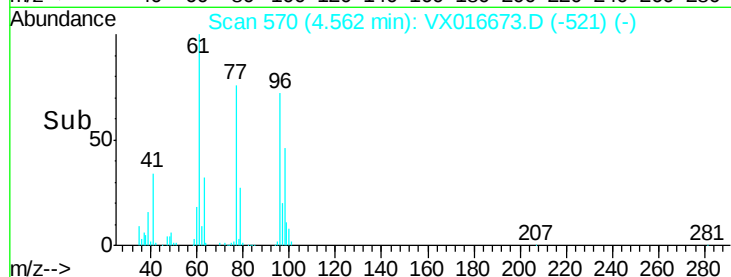
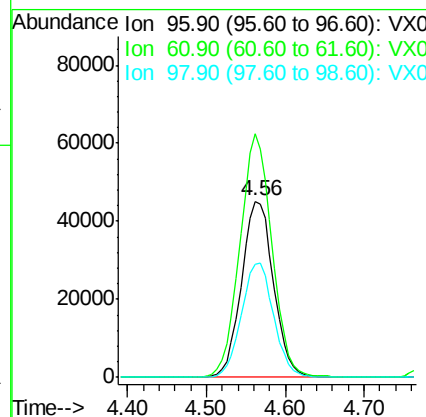
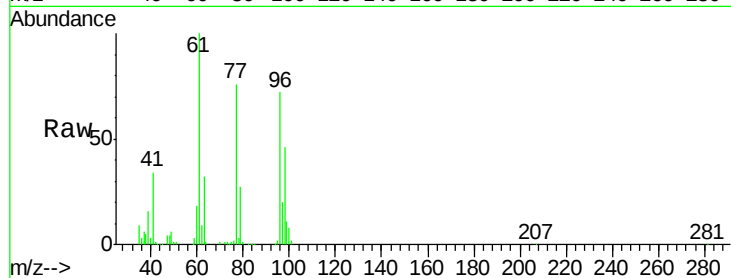
cis-1,2-Dichloroethene
Concen: 46.603 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-200609MSD

Tot Ion	Ratio	Resp	Lower	Upper
96	100	127435		
61	138.9	0.0	284.6	
98	65.1	0.0	127.2	

Manual Integrations
APPROVED

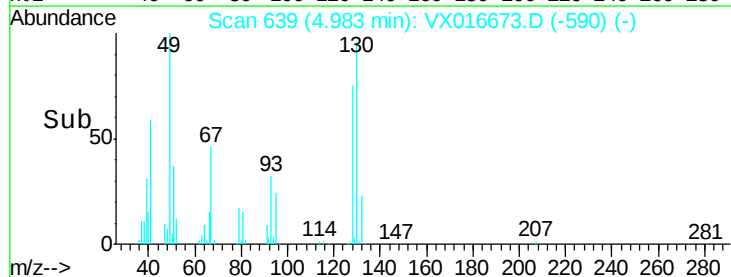
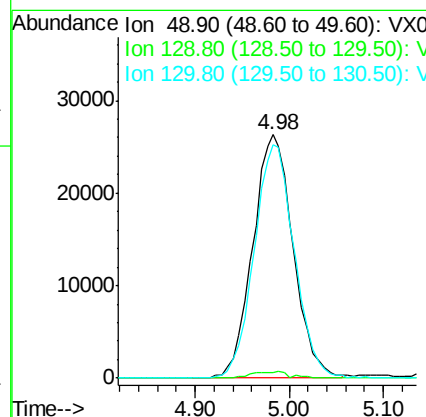
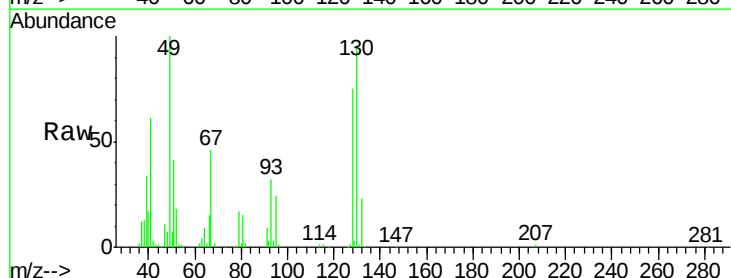
MMDadoda
6/11/2020 12:46:13 PM



#28

Bromochloromethane
Concen: 39.817 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	78844		
129	2.5	0.0	4.0	
130	95.5	63.0	94.4#	





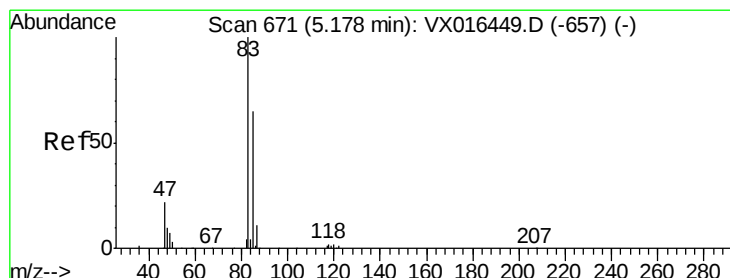
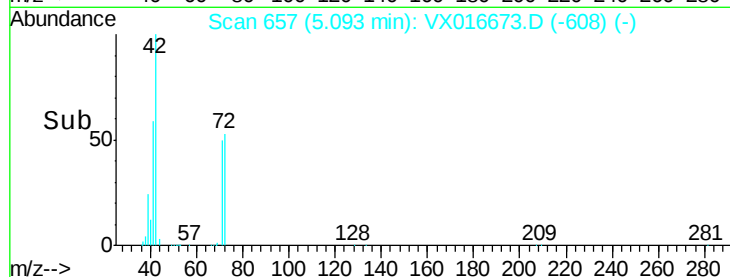
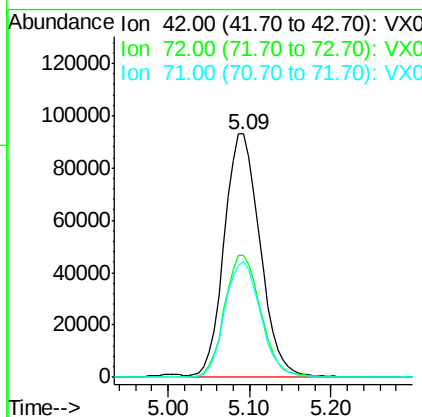
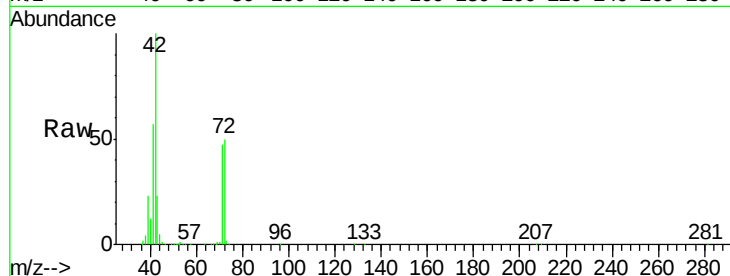
#29
Tetrahydrofuran
Concen: 212.886 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-200609MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.5	37.0	55.4
71	48.0	34.1	51.1

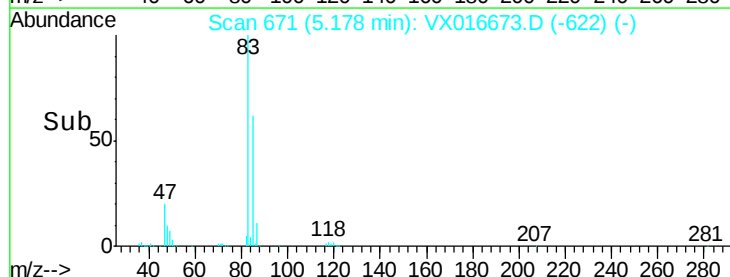
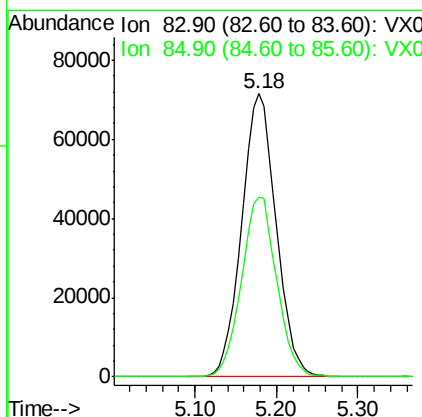
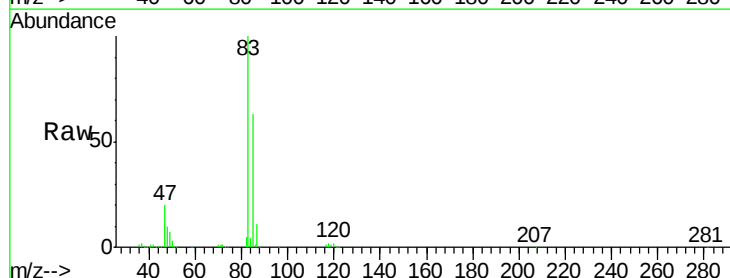
Manual Integrations
APPROVED

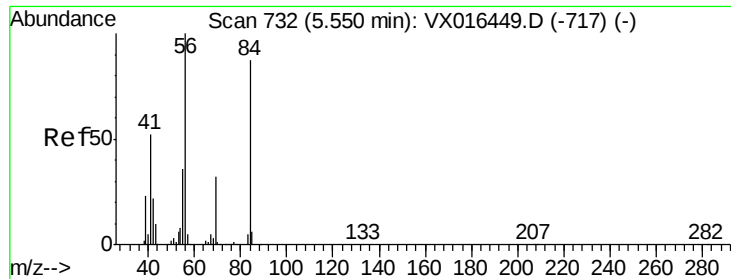
MMDadoda
6/11/2020 12:46:13 PM



#30
Chloroform
Concen: 48.898 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.0	78.0





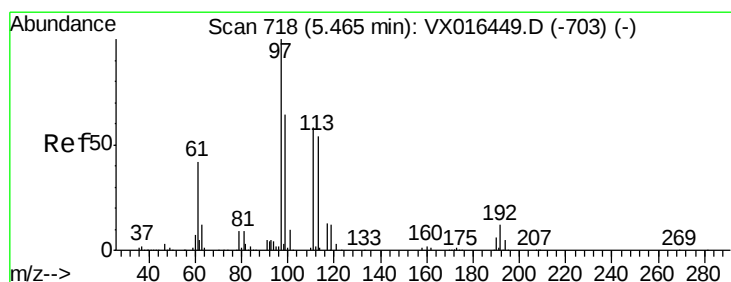
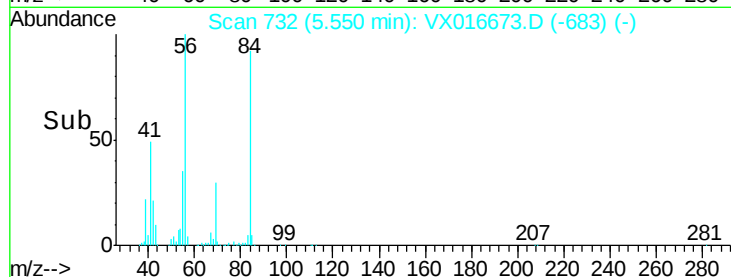
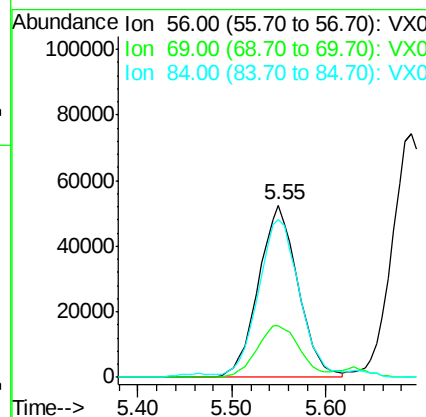
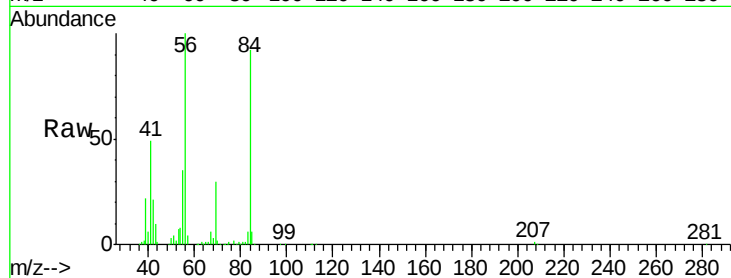
#31
Cyclohexane
Concen: 40.389 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-200609MSD

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.3	25.7	38.5
84	90.0	70.0	105.0

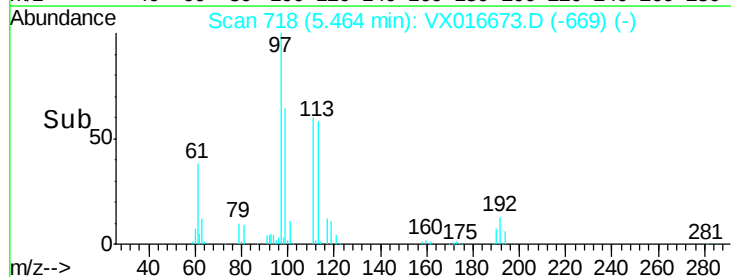
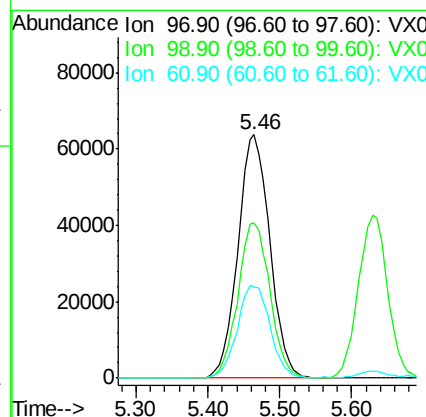
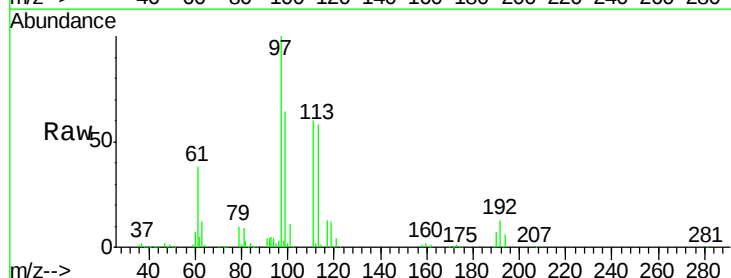
Manual Integrations
APPROVED

MMDadoda
6/11/2020 12:46:13 PM



#32
1,1,1-Trichloroethane
Concen: 50.422 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.4	77.2
61	39.2	33.5	50.3





#33

1,2-Dichloroethane-d4

Concen: 47.355 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016673.D

Acq: 10 Jun 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-200609MSD

Tot Ion: 65 Resp: 130605

Ion Ratio Lower Upper

65 100

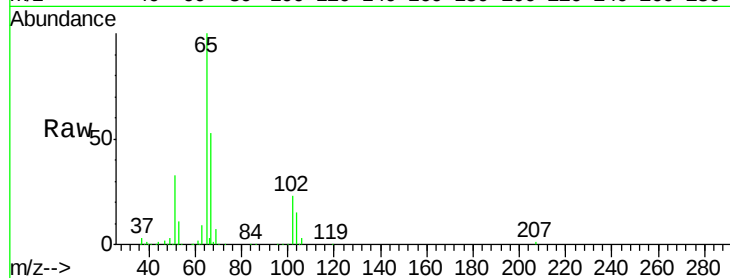
67 51.6 0.0 104.8

Manual Integrations

APPROVED

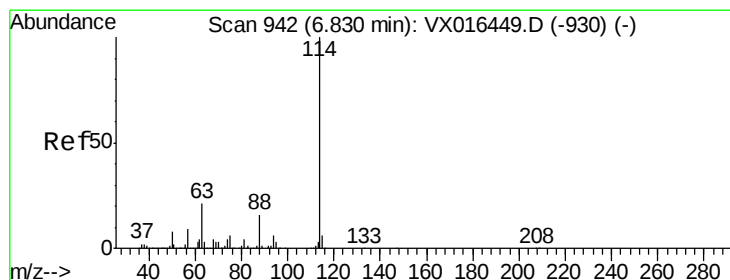
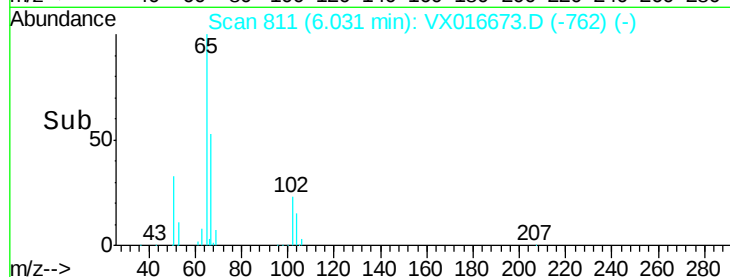
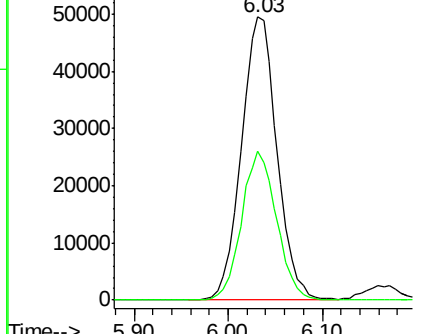
MMDadoda

6/11/2020 12:46:13 PM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016673.D

Acq: 10 Jun 2020 14:38

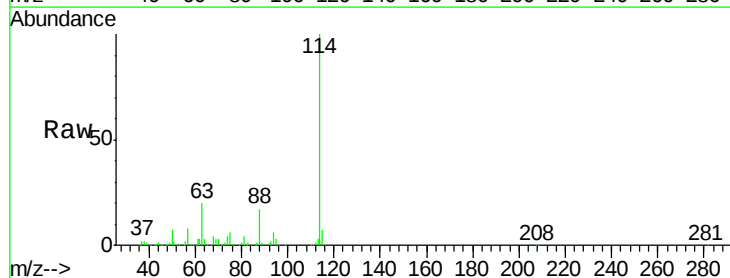
Tgt Ion: 114 Resp: 336444

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

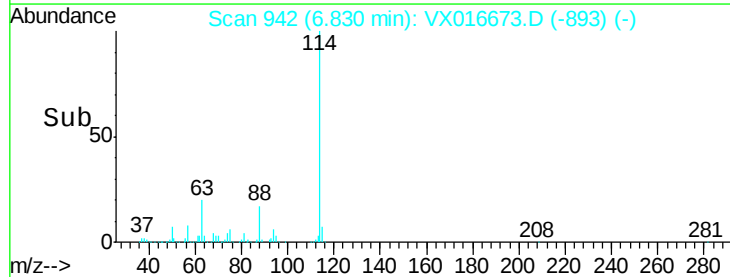
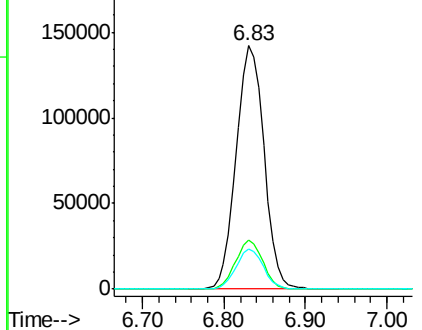
88 16.6 0.0 32.8

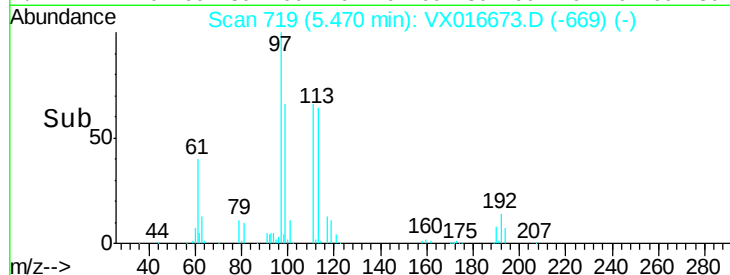
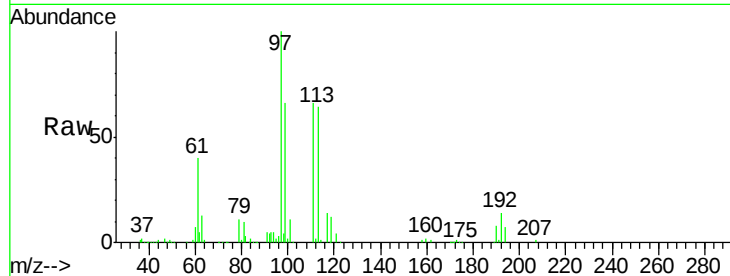


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





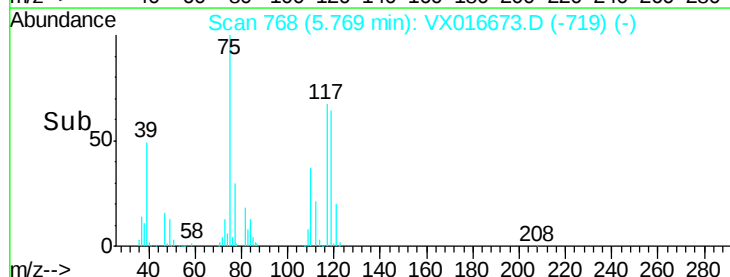
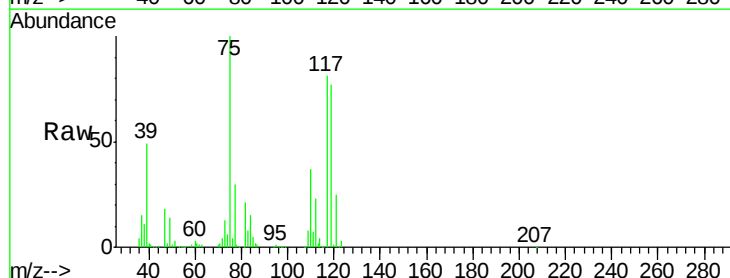
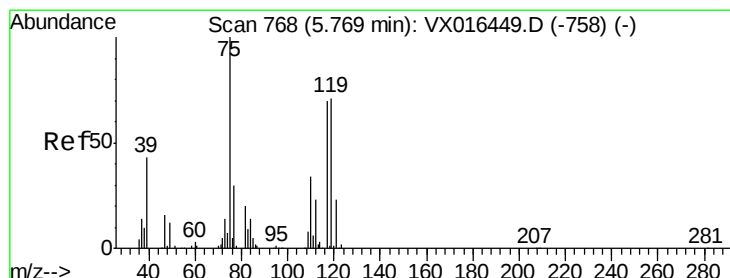
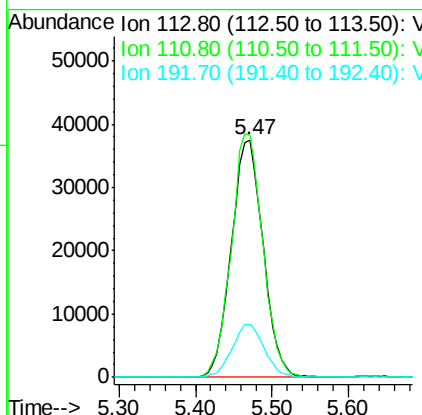
#35
Dibromofluoromethane
Concen: 52.259 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Tot Ion	Ratio	Resp	Lower	Upper
113	100	108262		
111	101.8	83.0	124.6	
192	22.6	17.7	26.5	

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-200609MSD

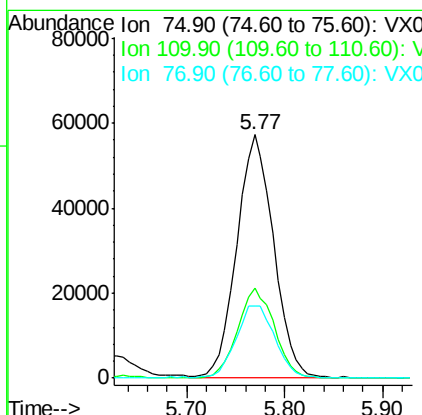
Manual Integrations
APPROVED

MMDadoda
6/11/2020 12:46:13 PM



#36
1,1-Dichloropropene
Concen: 46.777 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	149008		
110	37.0	17.4	52.3	
77	31.4	24.2	36.4	





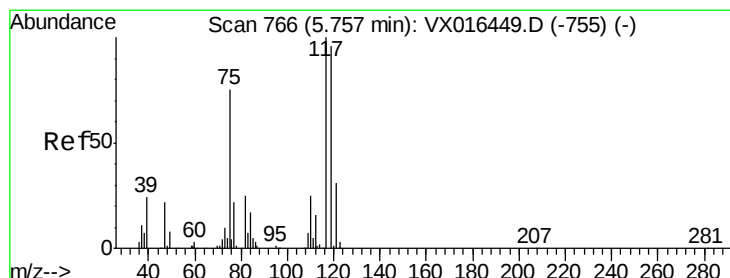
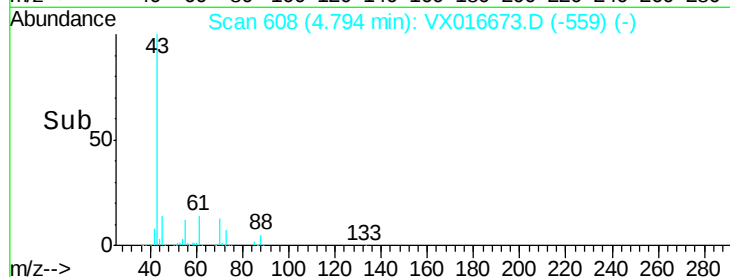
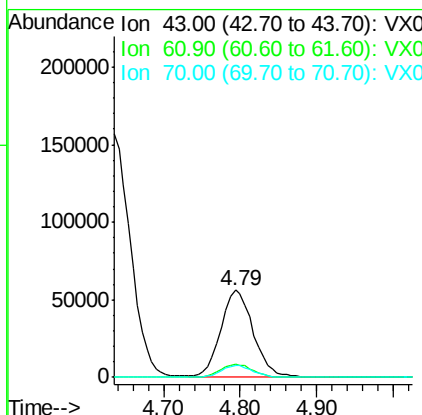
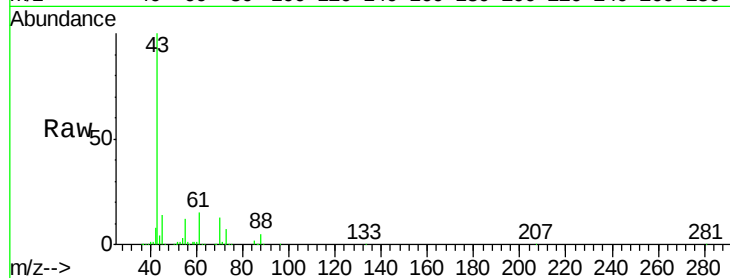
#37
Ethyl Acetate
Concen: 42.620 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-200609MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.3	16.9
70	13.1	9.3	13.9

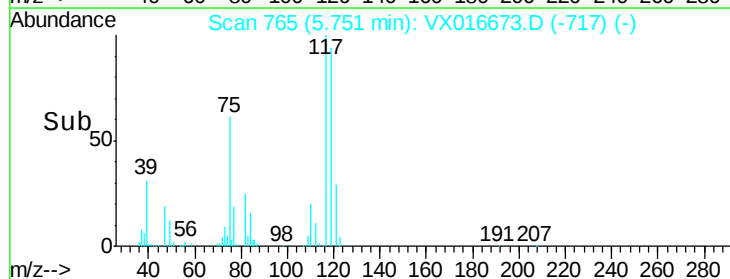
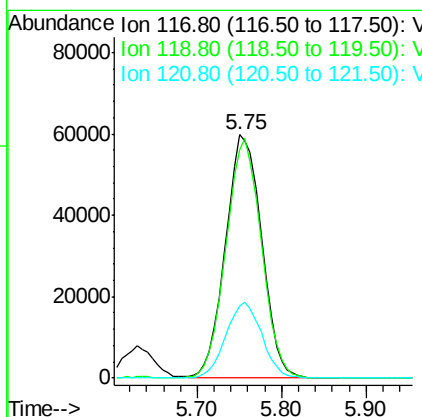
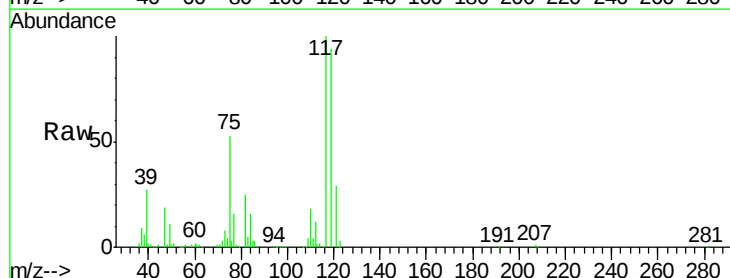
Manual Integrations
APPROVED

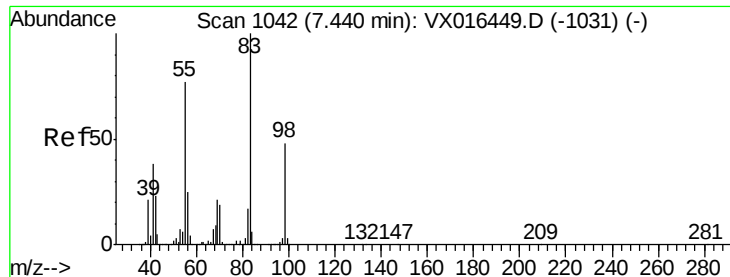
MMDadoda
6/11/2020 12:46:13 PM



#38
Carbon Tetrachloride
Concen: 52.229 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.8	76.3	114.5
121	29.4	24.6	37.0





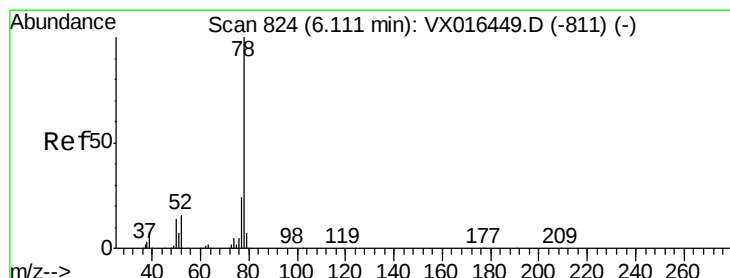
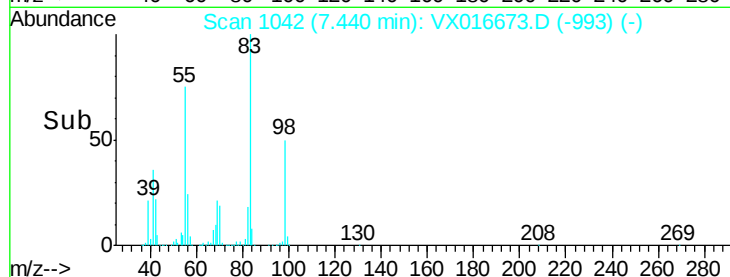
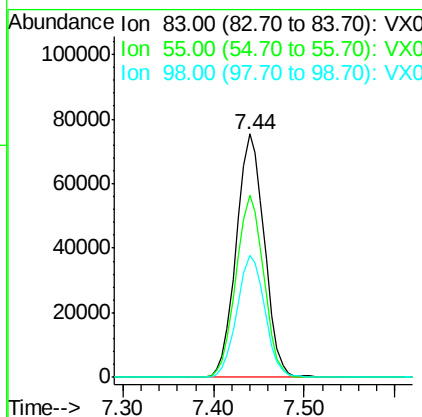
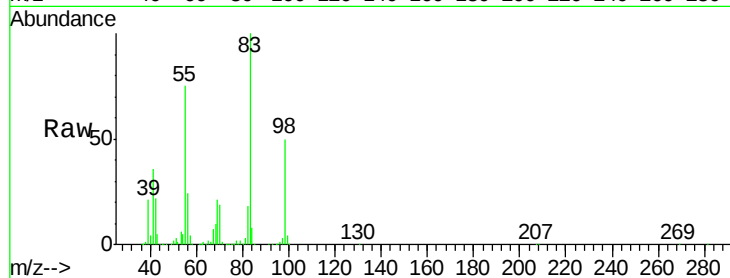
#39
Methvlcvclohexane
Concen: 46.751 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-200609MSD

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.6	61.7	92.5
98	50.4	38.7	58.1

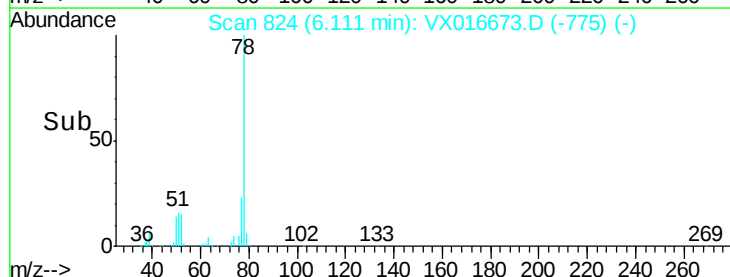
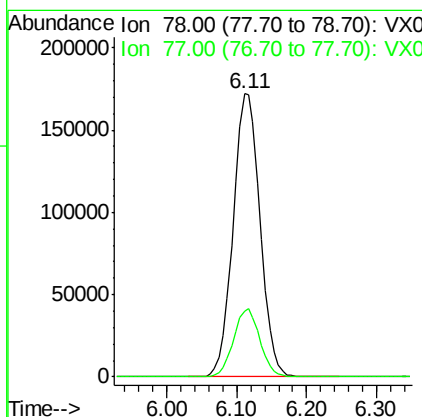
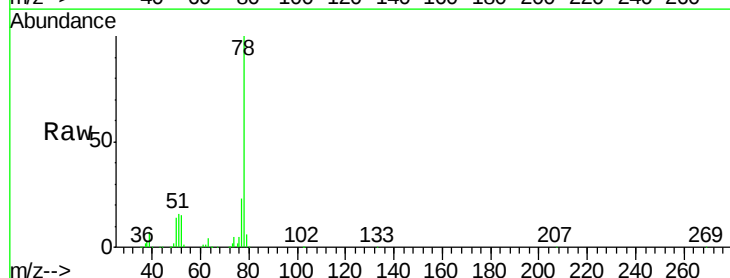
Manual Integrations
APPROVED

MMDadoda
6/11/2020 12:46:13 PM



#40
Benzene
Concen: 48.392 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.9	28.3





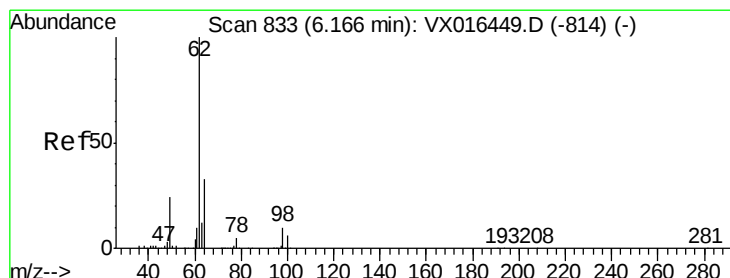
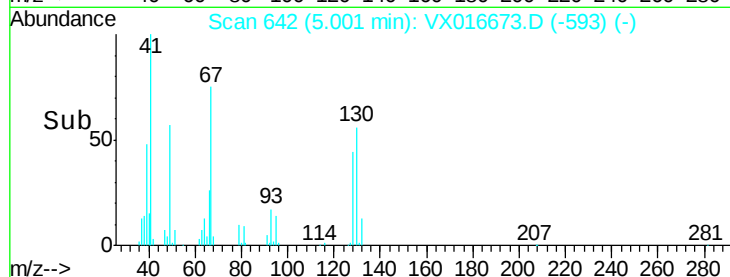
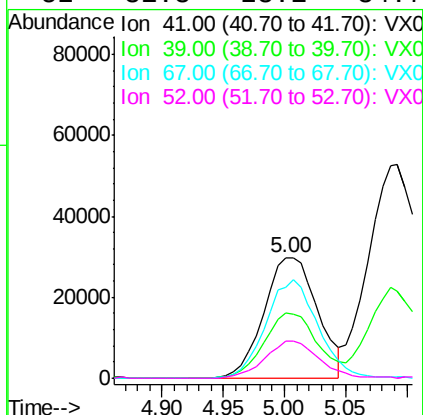
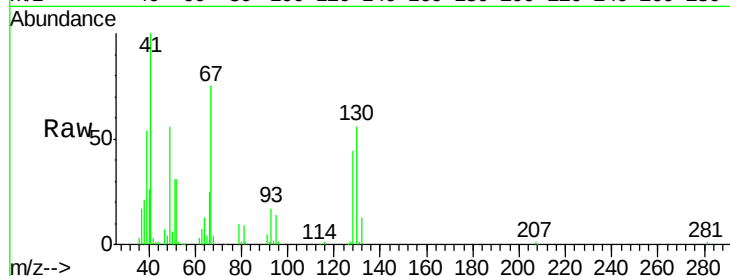
#41
Methacrylonitrile
Concen: 43.104 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-200609MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		90550		
39	55.7	43.0	64.4		
67	80.3	58.9	88.3		
52	31.3	23.1	34.7		

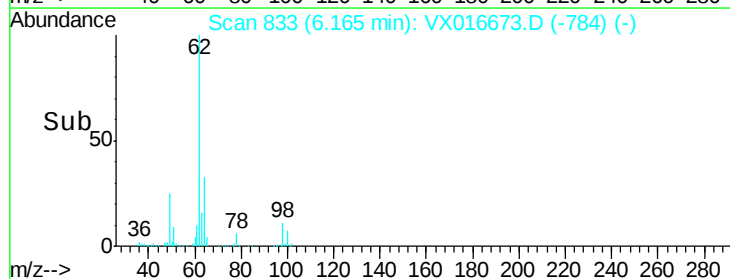
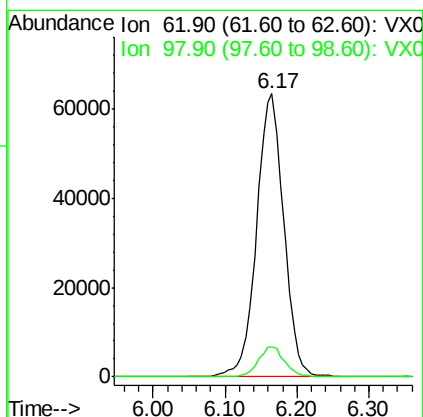
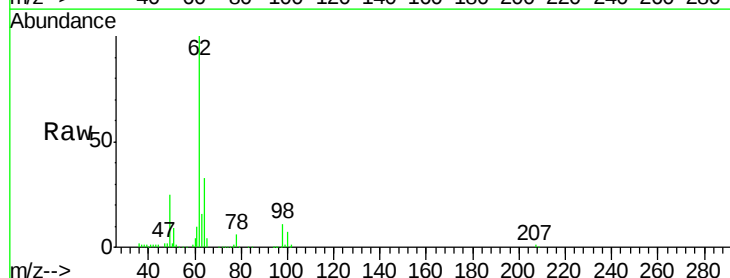
Manual Integrations
APPROVED

MMDadoda
6/11/2020 12:46:13 PM



#42
1,2-Dichloroethane
Concen: 49.325 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		166399		
98	10.2	0.0	19.8		





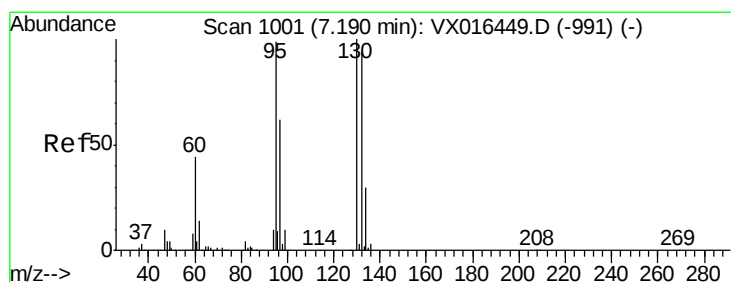
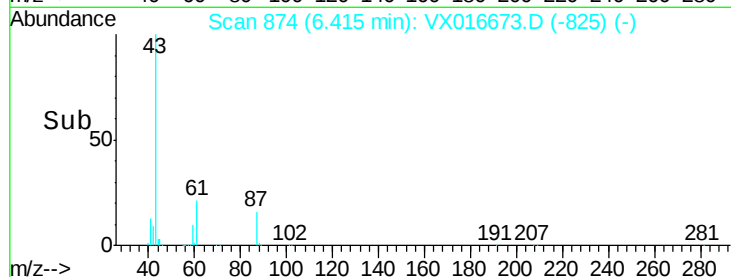
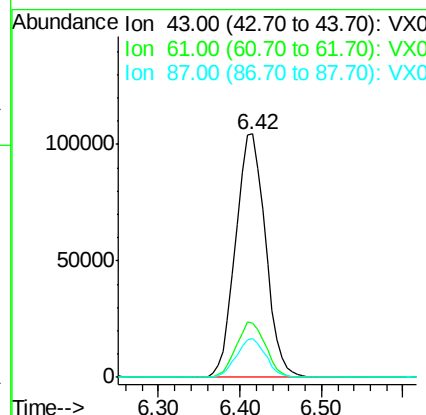
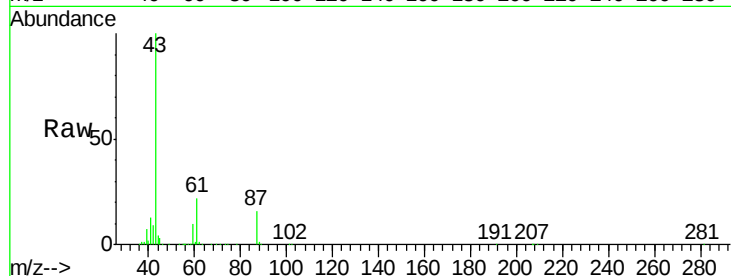
#43
Isopropyl Acetate
Concen: 44.051 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-200609MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.5	16.8	25.2
87	15.6	11.2	16.8

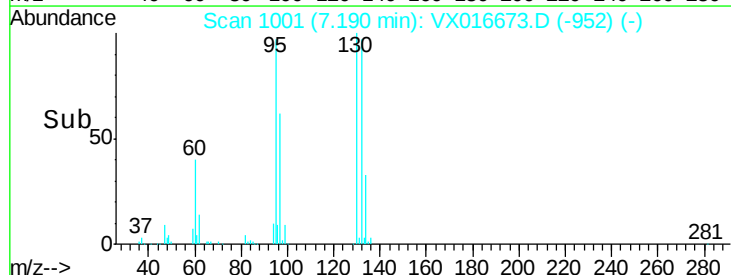
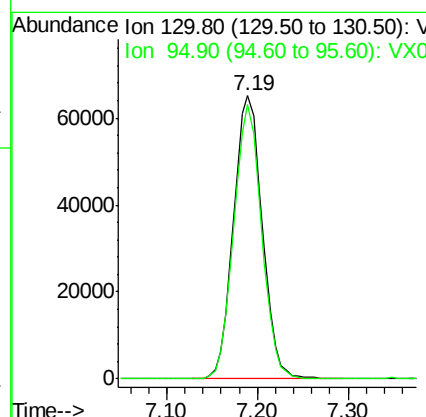
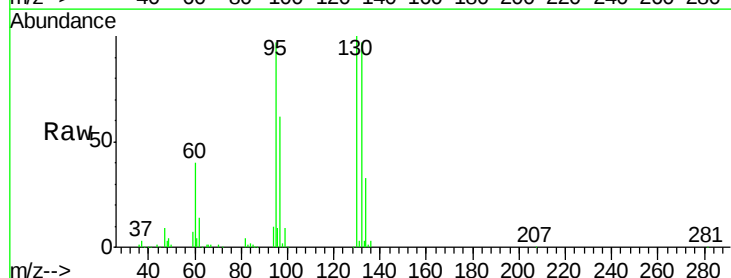
Manual Integrations
APPROVED

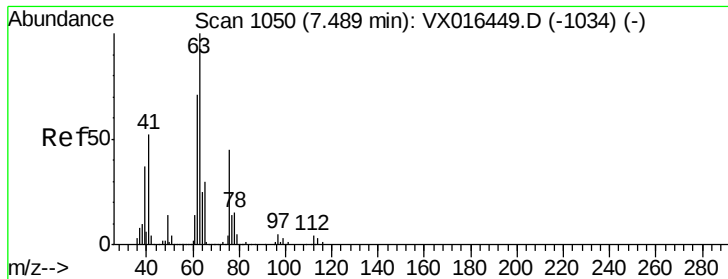
MMDadoda
6/11/2020 12:46:13 PM



#44
Trichloroethene
Concen: 47.623 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	198.2





#45

1,2-Dichloropropane

Concen: 47.635 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016673.D

Acq: 10 Jun 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-200609MSD

Tot Ion: 63 Resp: 115037

Ion Ratio Lower Upper

63 100

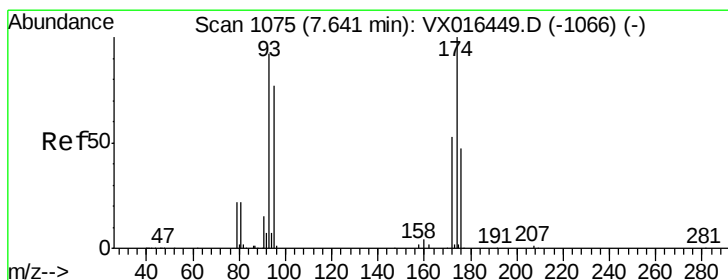
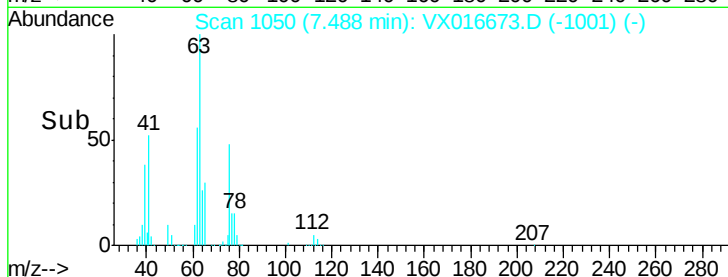
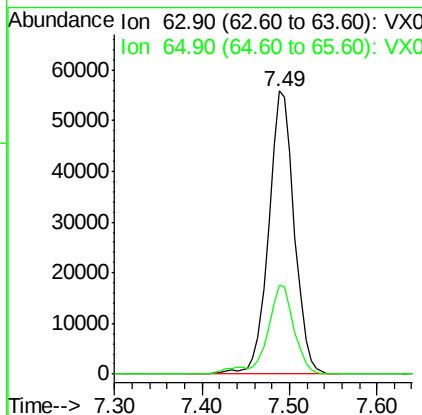
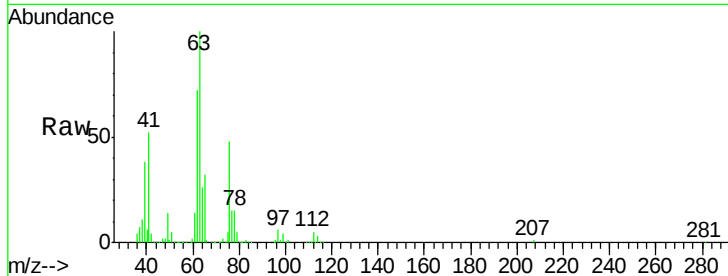
65 31.6 24.2 36.2

Manual Integrations

APPROVED

MMDadoda

6/11/2020 12:46:13 PM



#46

Dibromomethane

Concen: 50.243 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016673.D

Acq: 10 Jun 2020 14:38

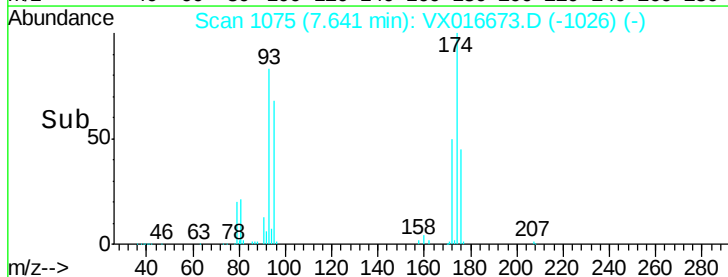
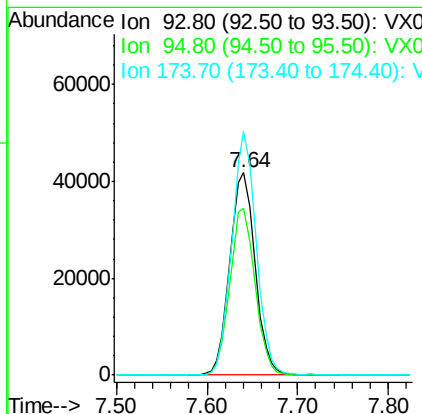
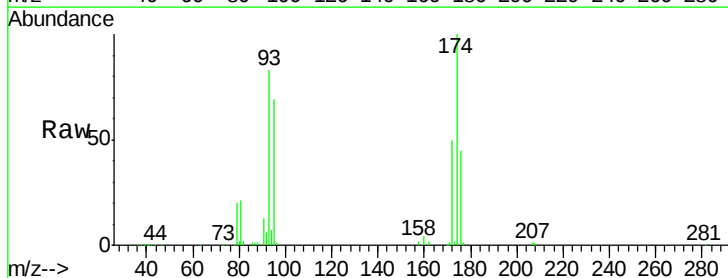
Tgt Ion: 93 Resp: 81498

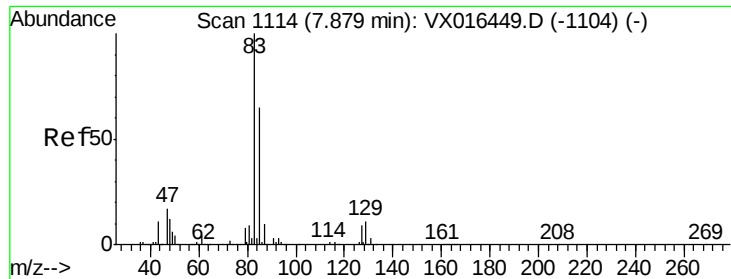
Ion Ratio Lower Upper

93 100

95 81.9 66.6 100.0

174 115.4 86.2 129.4





#47

Bromodichloromethane

Concen: 51.497 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016673.D

Acq: 10 Jun 2020 14:38

Instrument :

MSVOA_X

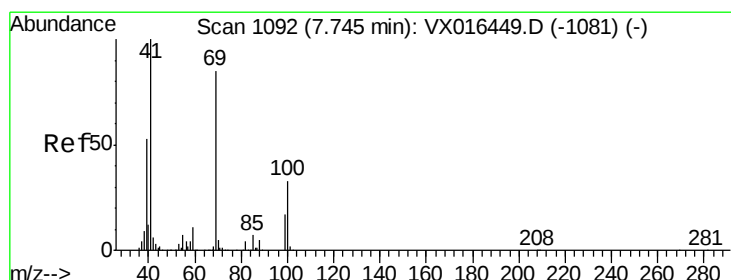
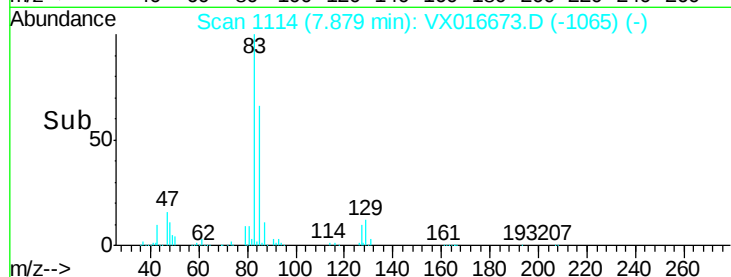
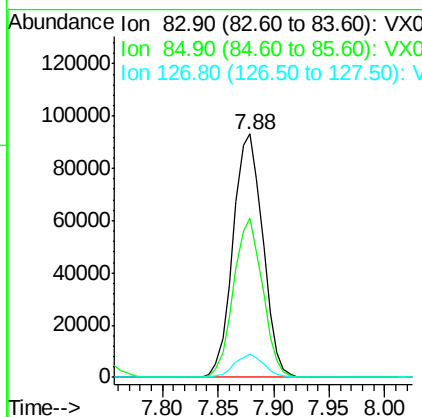
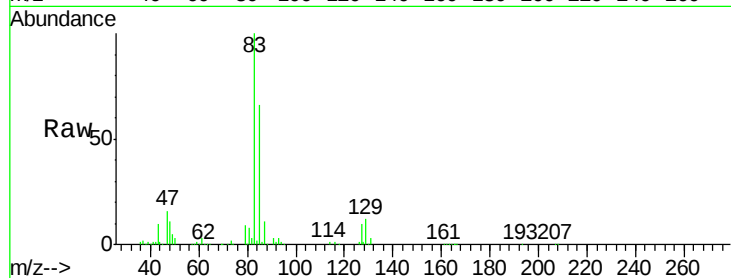
ClientSampleId :

SS003RW114R-200609MSD

Tot Ion:	83	Resp:	172958
Ion	Ratio	Lower	Upper
83	100		
85	65.5	52.0	78.0
127	9.6	7.4	11.0

Manual Integrations
APPROVED

MMDadoda
6/11/2020 12:46:13 PM



#48

Methyl methacrylate

Concen: 45.398 ug/l

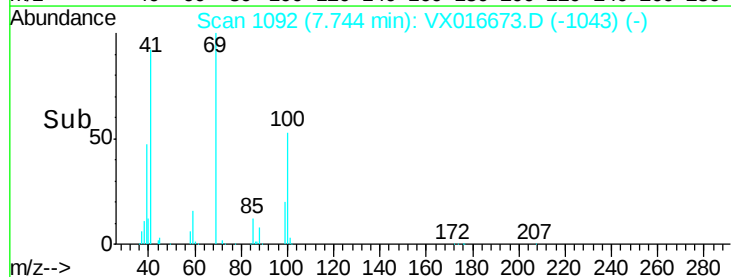
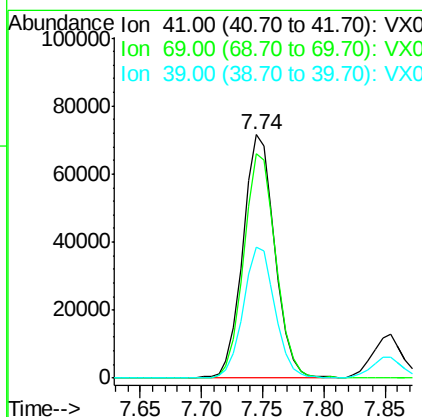
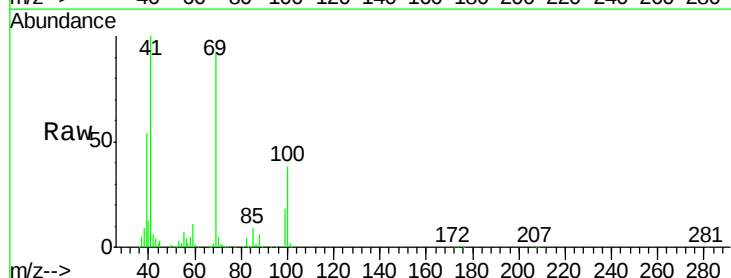
RT: 7.74 min Scan# 1092

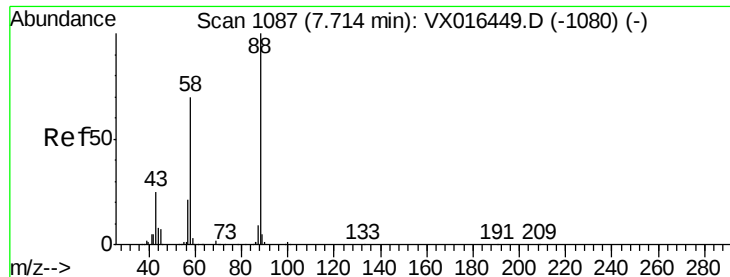
Delta R.T. -0.00 min

Lab File: VX016673.D

Acq: 10 Jun 2020 14:38

Tgt Ion:	41	Resp:	129668
Ion	Ratio	Lower	Upper
41	100		
69	92.7	68.6	102.8
39	53.3	42.4	63.6





#49

1,4-Dioxane

Concen: 949.454 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX016673.D

Acq: 10 Jun 2020 14:38

Instrument :

MSVOA_X

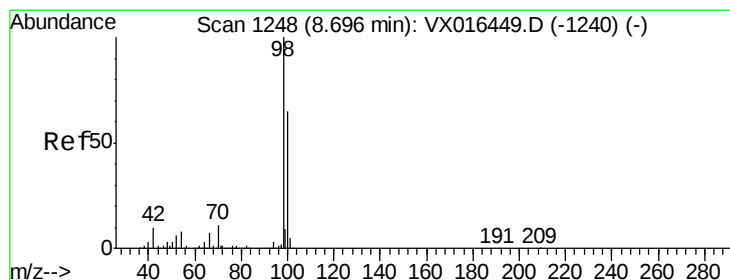
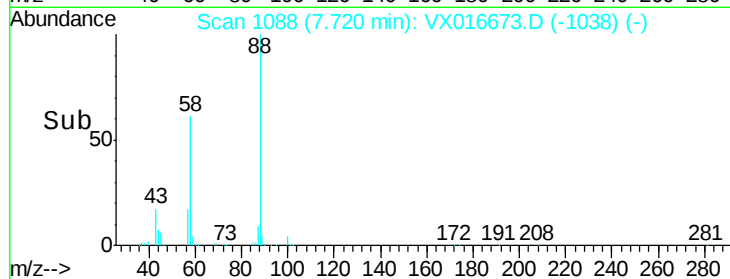
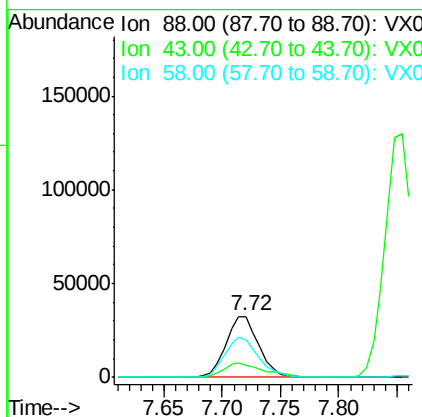
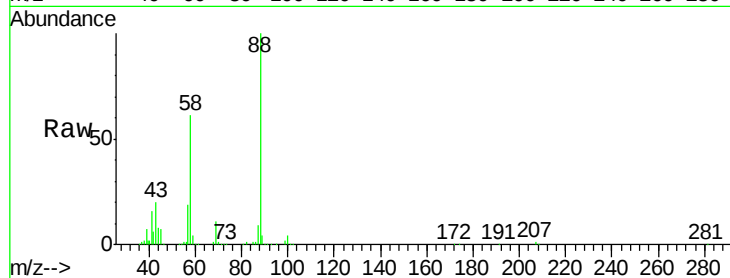
ClientSampleId :

SS003RW114R-200609MSD

Tot Ion:	88	Resp:	63465
Ion	Ratio	Lower	Upper
88	100		
43	27.8	24.2	36.4
58	67.5	56.5	84.7

Manual Integrations
APPROVED

MMDadoda
6/11/2020 12:46:13 PM



#50

Toluene-d8

Concen: 49.462 ug/l

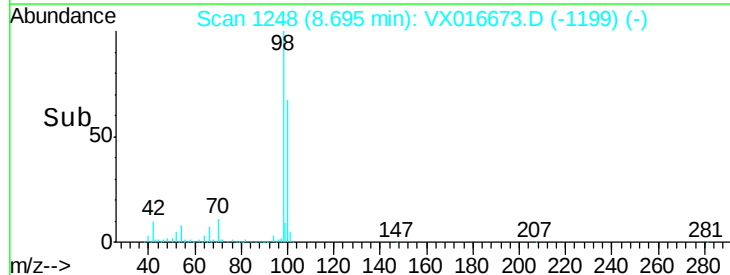
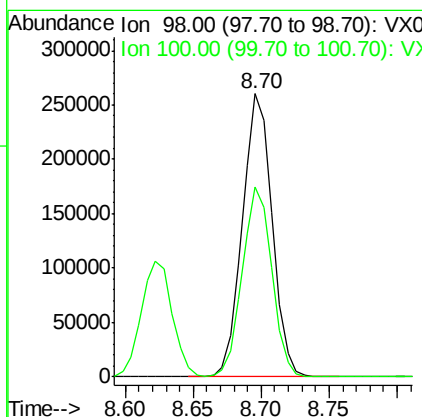
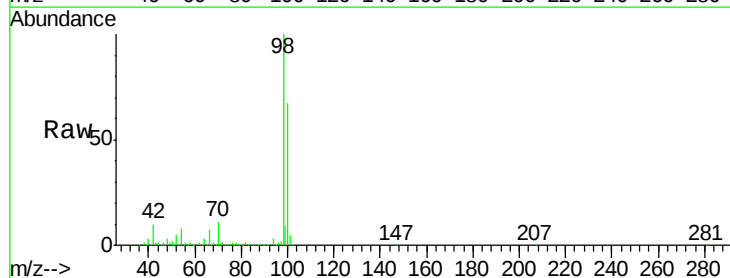
RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016673.D

Acq: 10 Jun 2020 14:38

Tgt Ion:	98	Resp:	398824
Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.8	80.6





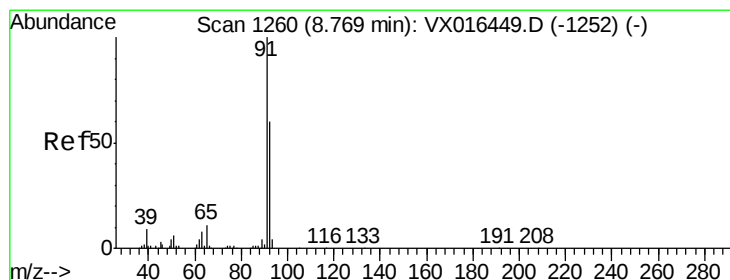
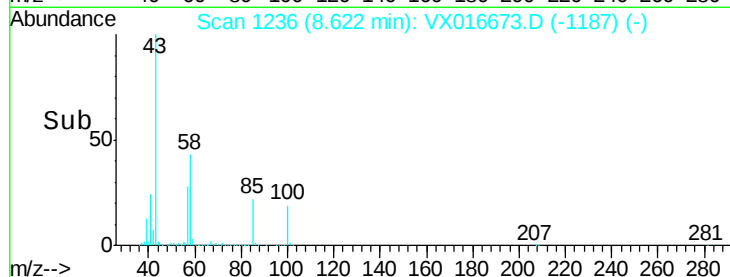
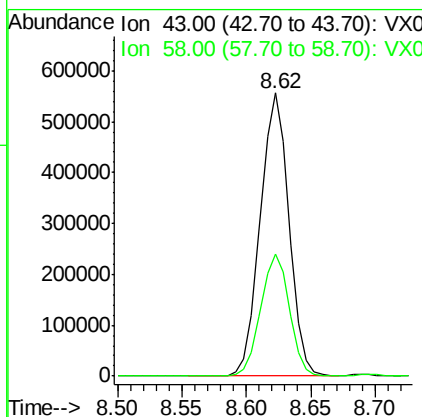
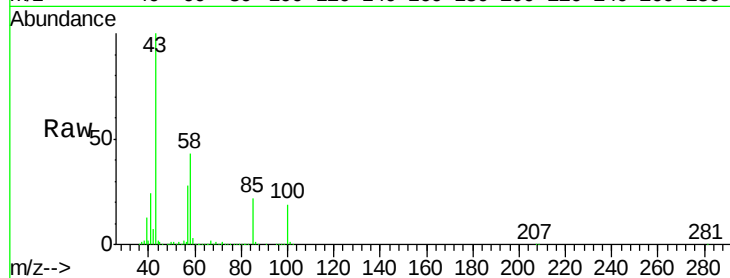
#51
4-Methyl-2-Pentanone
Concen: 230.198 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-200609MSD

Tot Ion	Ratio	Lower	Upper
43	100		
58	43.2	33.0	49.6

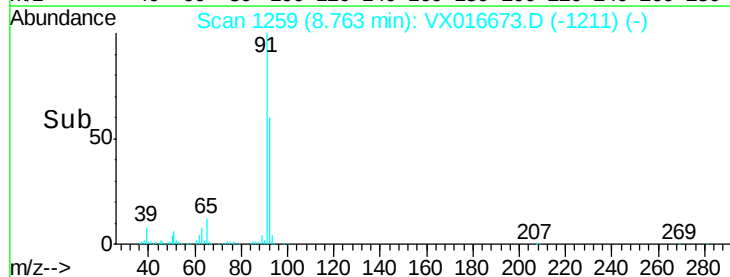
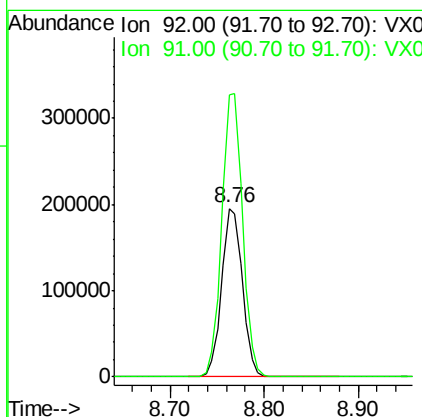
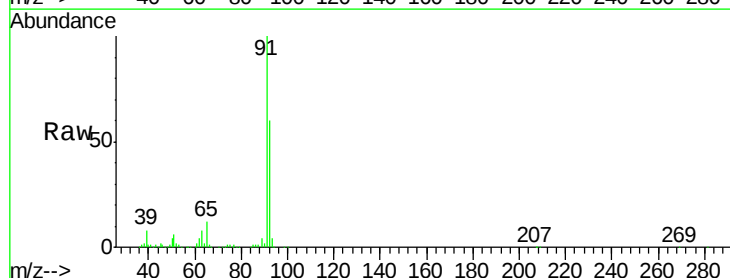
Manual Integrations
APPROVED

MMDadoda
6/11/2020 12:46:13 PM



#52
Toluene
Concen: 49.946 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Tgt Ion	Ratio	Lower	Upper
92	100		
91	168.5	135.0	202.4





#53

t-1,3-Dichloropropene

Concen: 51.159 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016673.D

Acq: 10 Jun 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-200609MSD

Tot Ion: 75 Resp: 195382

Ion Ratio Lower Upper

75 100

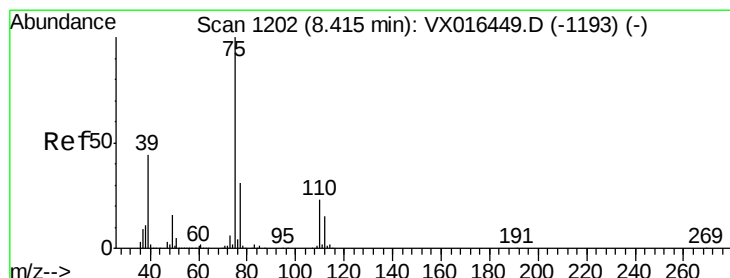
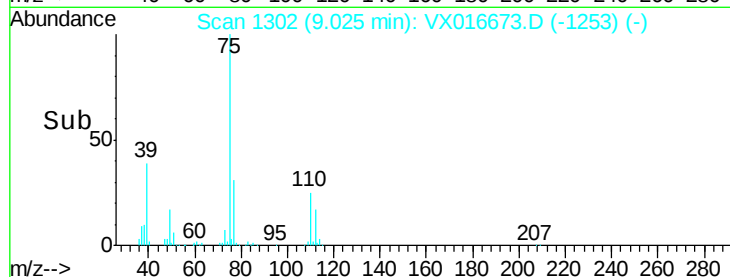
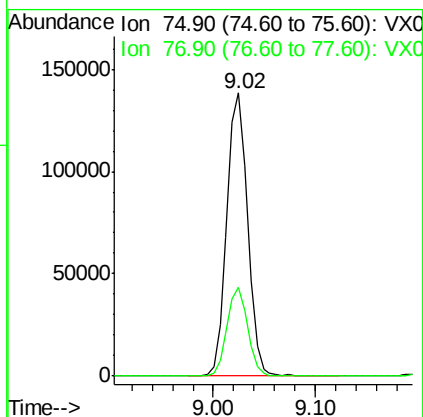
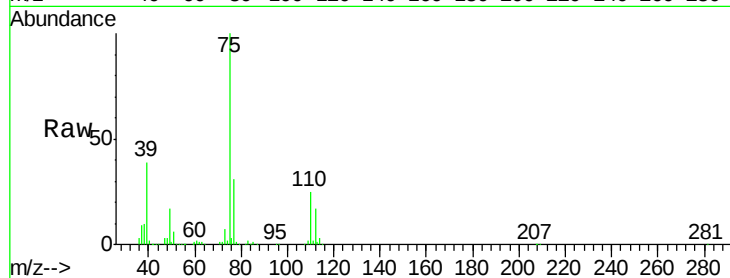
77 31.3 25.5 38.3

Manual Integrations

APPROVED

MMDadoda

6/11/2020 12:46:13 PM



#54

cis-1,3-Dichloropropene

Concen: 49.097 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016673.D

Acq: 10 Jun 2020 14:38

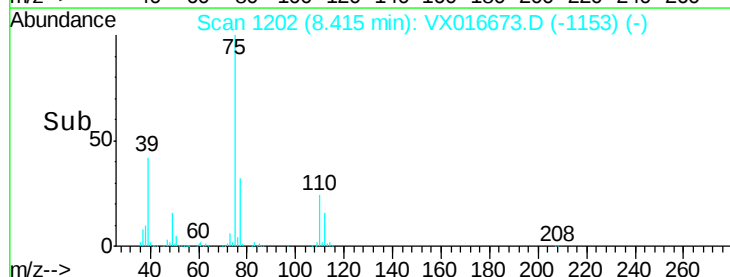
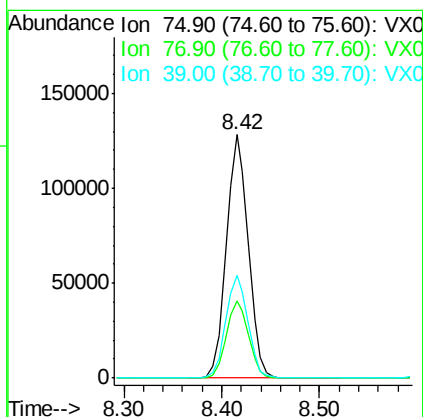
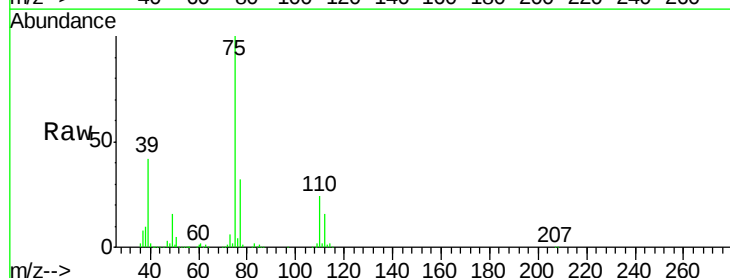
Tgt Ion: 75 Resp: 198468

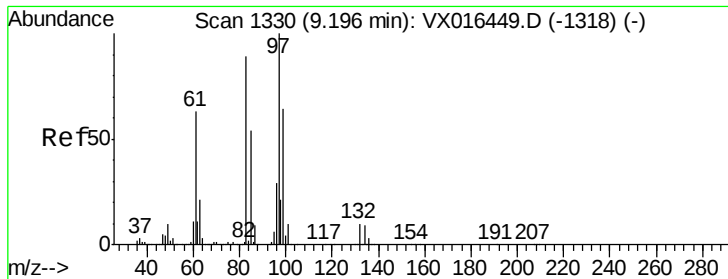
Ion Ratio Lower Upper

75 100

77 31.7 24.6 36.8

39 42.2 35.3 52.9





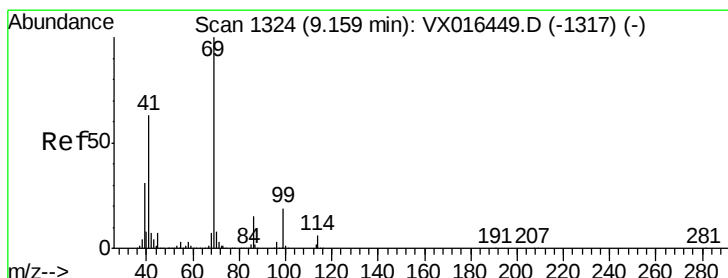
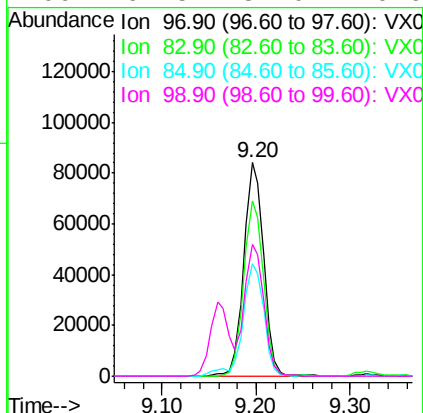
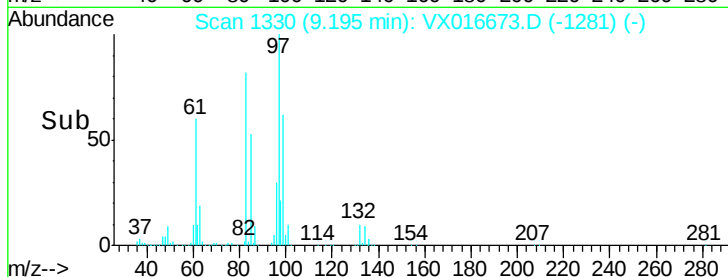
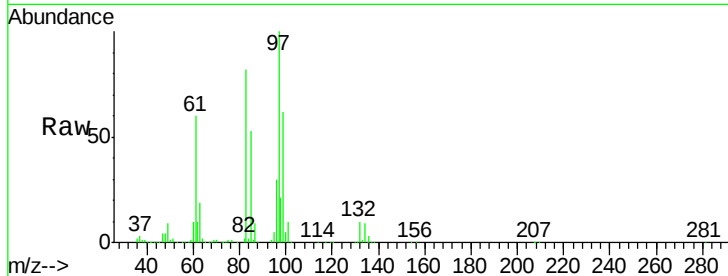
#55
 1,1,2-Trichloroethane
 Concen: 52.104 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016673.D
 Acq: 10 Jun 2020 14:38

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-200609MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		123926		
83	82.1	70.9	106.3		
85	53.0	43.4	65.2		
99	61.5	51.0	76.6		

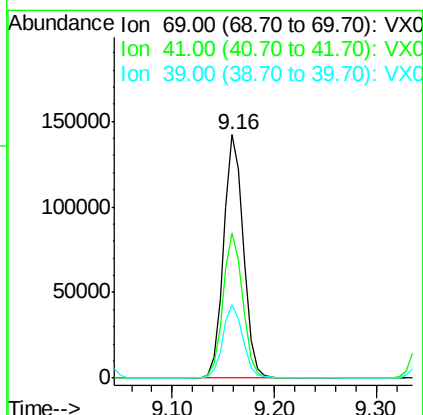
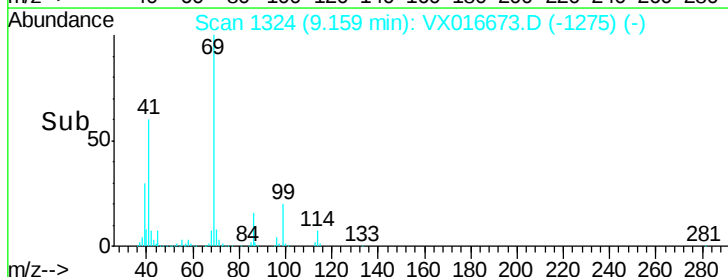
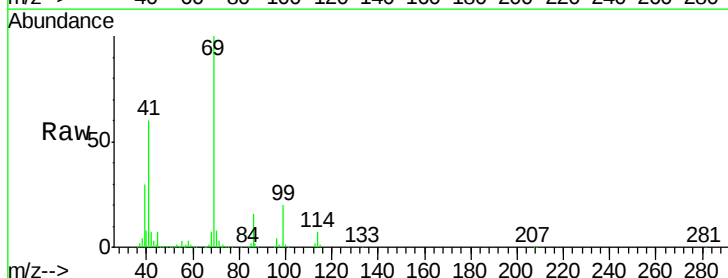
Manual Integrations
 APPROVED

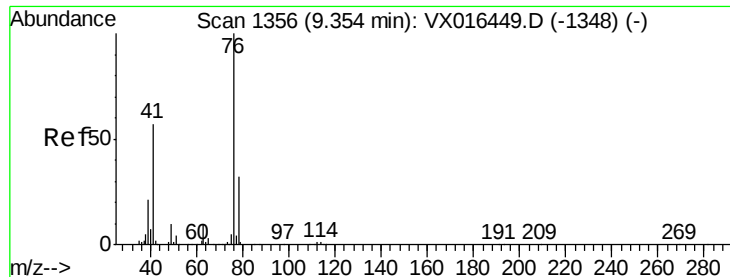
MMDadoda
 6/11/2020 12:46:13 PM



#56
 Ethyl methacrylate
 Concen: 49.422 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016673.D
 Acq: 10 Jun 2020 14:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		191438		
41	59.5	50.7	76.1		
39	30.6	25.8	38.6		





#57

1,3-Dichloropropane

Concen: 49.514 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016673.D

Acq: 10 Jun 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-200609MSD

Tot Ion: 76 Resp: 202137

Ion Ratio Lower Upper

76 100

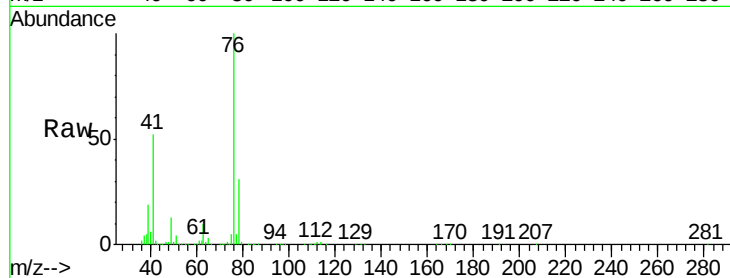
78 32.7 26.2 39.4

Manual Integrations

APPROVED

MMDadoda

6/11/2020 12:46:13 PM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

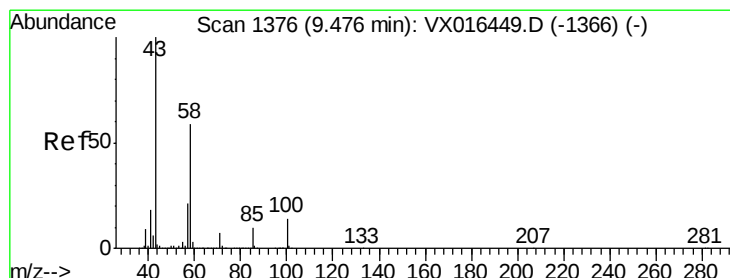
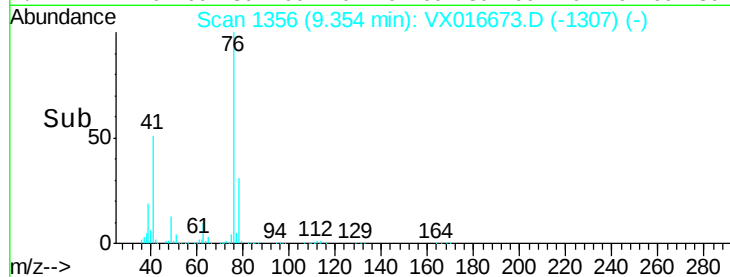
150000

100000

50000

0

Time-->



#59

2-Hexanone

Concen: 231.606 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016673.D

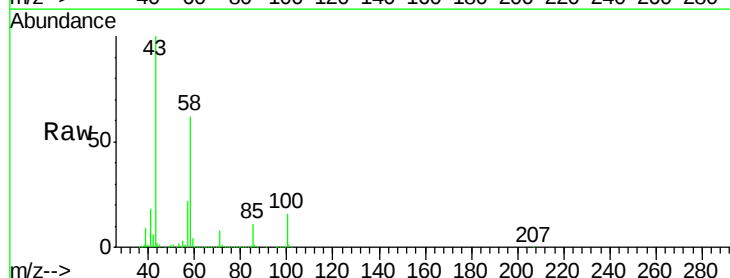
Acq: 10 Jun 2020 14:38

Tgt Ion: 43 Resp: 669009

Ion Ratio Lower Upper

43 100

58 60.3 28.8 86.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

9.48

500000

400000

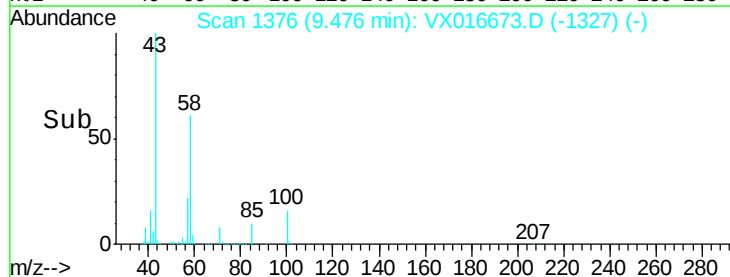
300000

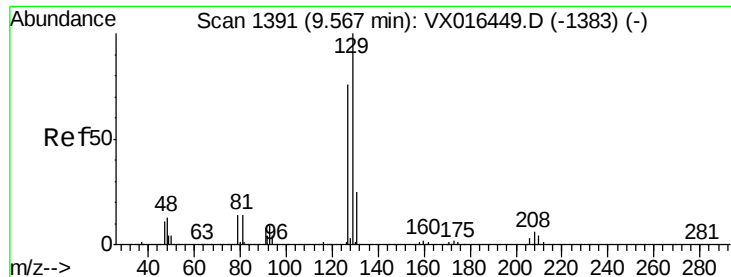
200000

100000

0

Time-->





#60

Dibromochloromethane

Concen: 54.237 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX016673.D

Acq: 10 Jun 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-200609MSD

Tot Ion:129 Resp: 145169

Ion Ratio Lower Upper

129 100

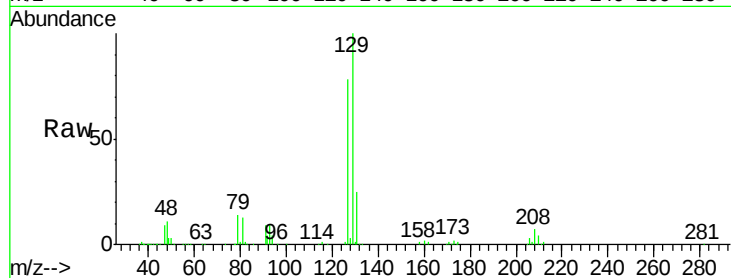
127 78.2 38.6 116.0

Manual Integrations

APPROVED

MMDadoda

6/11/2020 12:46:13 PM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.57

100000

80000

60000

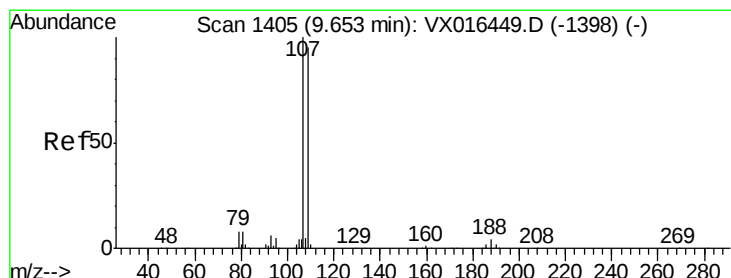
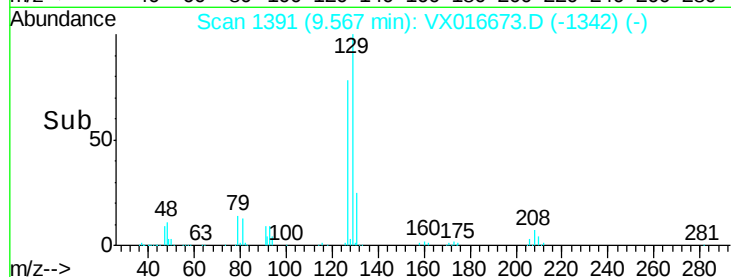
40000

20000

0

9.50 9.55 9.60 9.65 9.70

Time-->



#61

1,2-Dibromoethane

Concen: 52.003 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016673.D

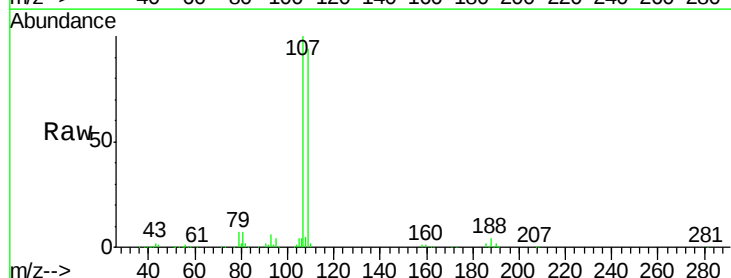
Acq: 10 Jun 2020 14:38

Tgt Ion:107 Resp: 132450

Ion Ratio Lower Upper

107 100

109 93.8 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

100000

80000

60000

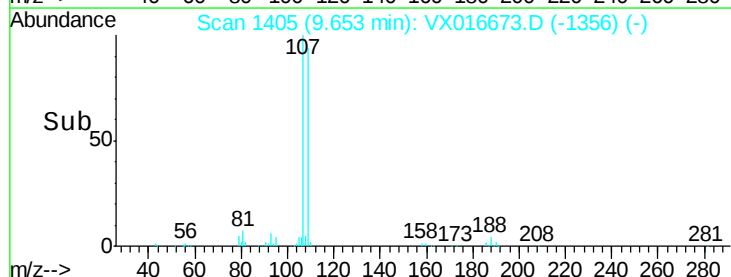
40000

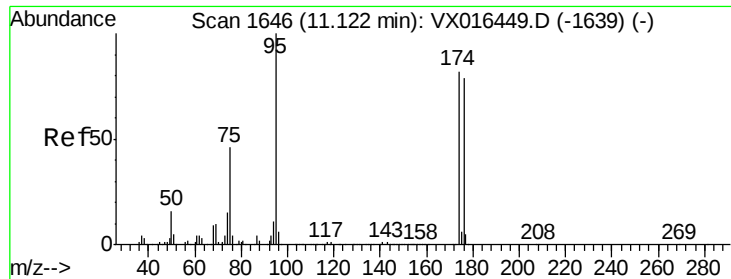
20000

0

9.60 9.70 9.80

Time-->





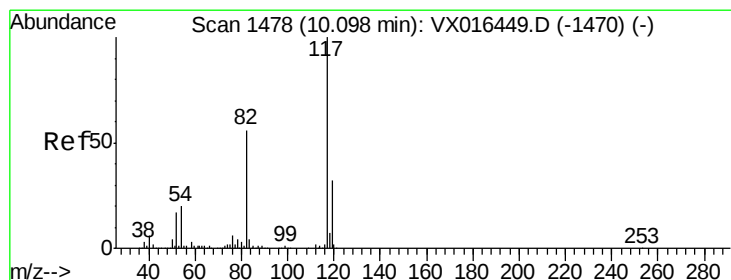
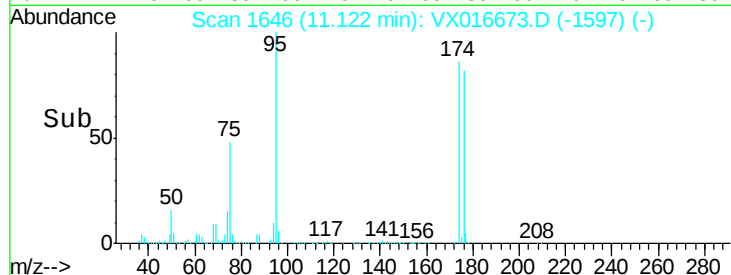
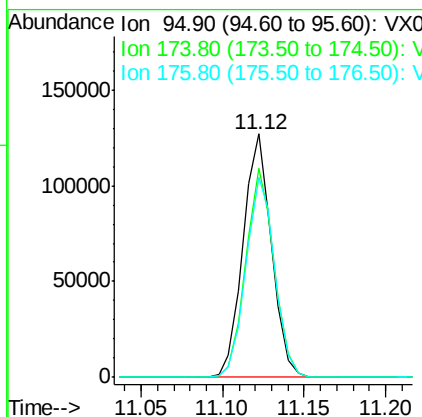
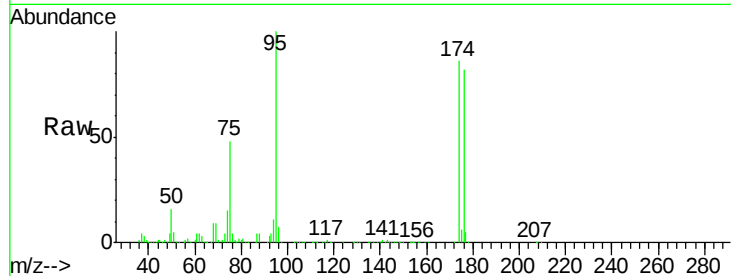
#62
4-Bromofluorobenzene
Concen: 49.580 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-200609MSD

Tot Ion	Ratio	Resp	Lower	Upper
95	100	154473		
174	85.5	0.0	163.0	
176	83.1	0.0	156.8	

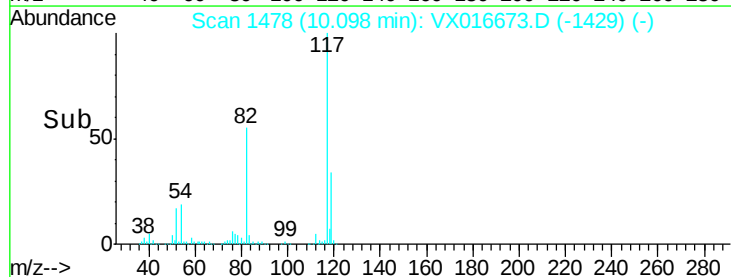
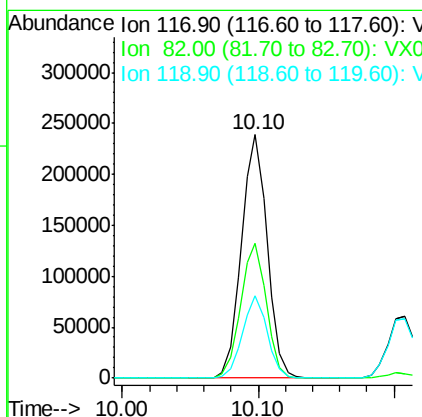
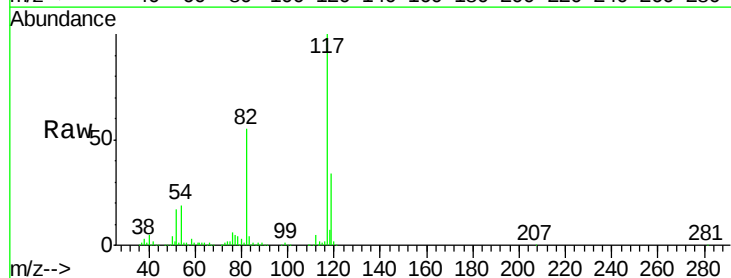
Manual Integrations
APPROVED

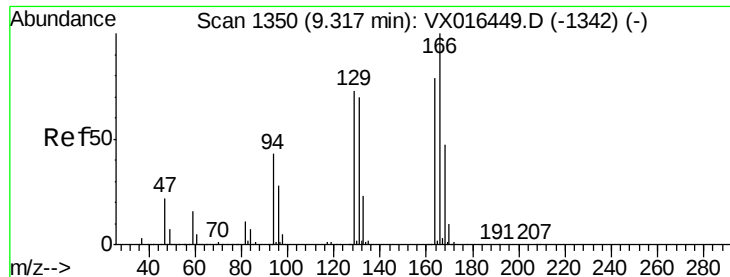
MMDadoda
6/11/2020 12:46:13 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	315380		
82	55.5	45.0	67.6	
119	33.6	25.8	38.8	





#64

Tetrachloroethene

Concen: 46.935 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016673.D

Acq: 10 Jun 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-200609MSD

Tot Ion:164 Resp: 165608

Ion Ratio Lower Upper

164 100

166 123.5 100.9 151.3

129 90.8 73.2 109.8

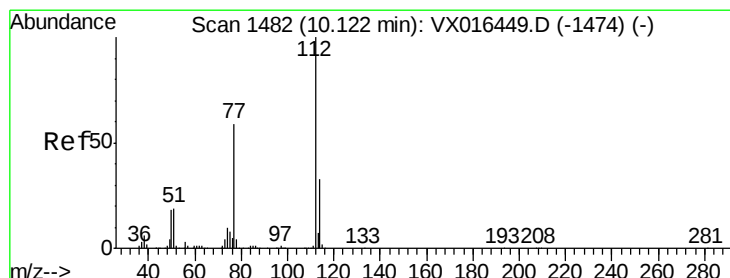
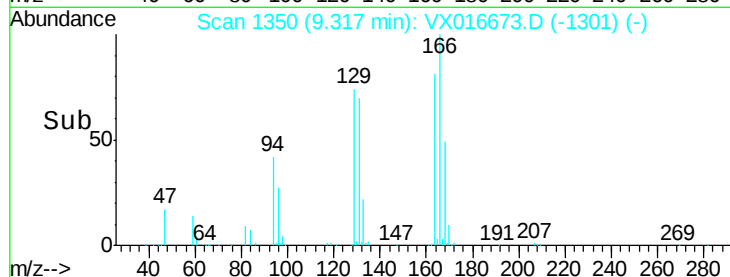
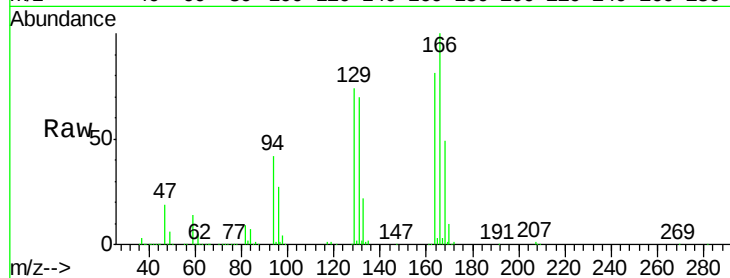
131 86.9 70.8 106.2

Manual Integrations

APPROVED

MMDadoda

6/11/2020 12:46:13 PM



#65

Chlorobenzene

Concen: 141.044 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016673.D

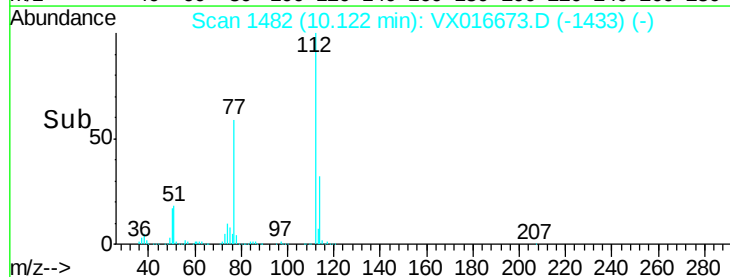
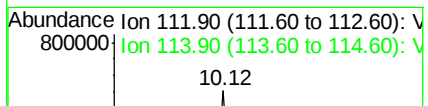
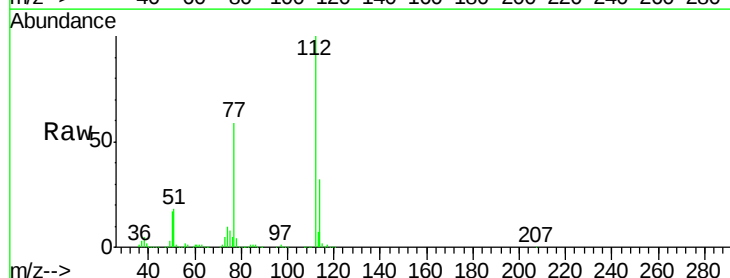
Acq: 10 Jun 2020 14:38

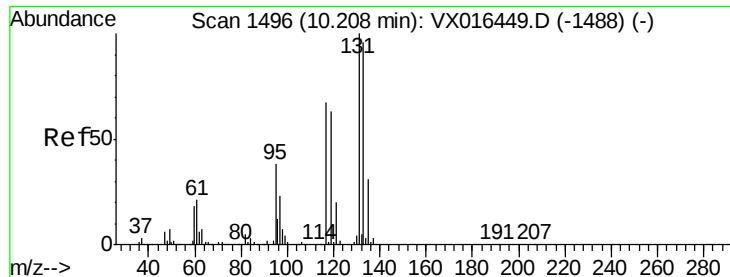
Tgt Ion:112 Resp: 906873

Ion Ratio Lower Upper

112 100

114 32.2 26.0 39.0





#66

1,1,1,2-Tetrachloroethane

Concen: 53.515 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016673.D

Acq: 10 Jun 2020 14:38

Instrument :

MSVOA_X

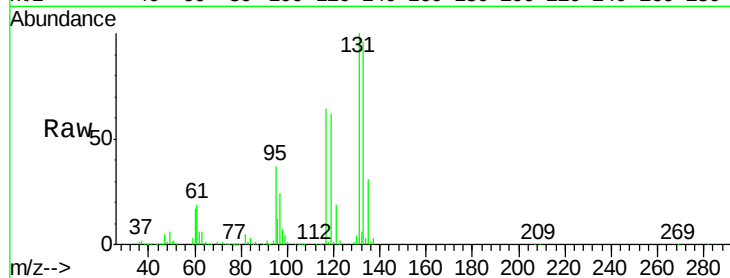
ClientSampleId :

SS003RW114R-200609MSD

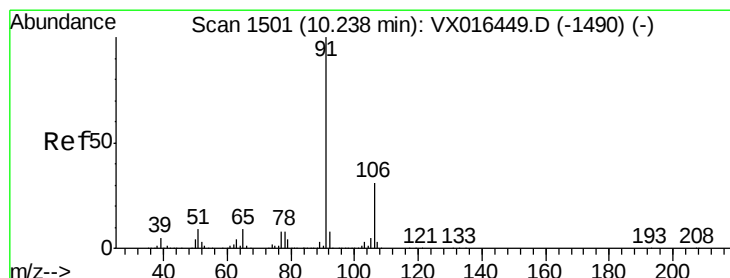
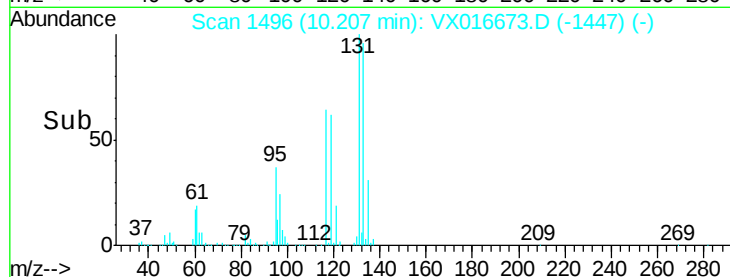
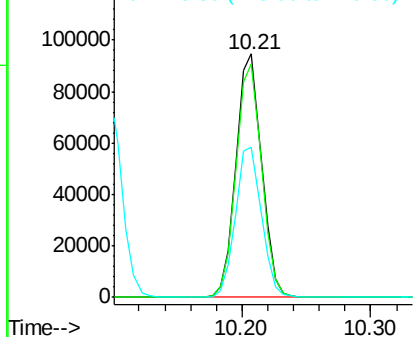
Tot Ion:	131	Resp:	131347
Ion Ratio	Lower	Upper	
131	100		
133	96.0	48.4	145.3
119	62.4	32.0	96.2

Manual Integrations
APPROVED

MMDadoda
6/11/2020 12:46:13 PM



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: 49.563 ug/l

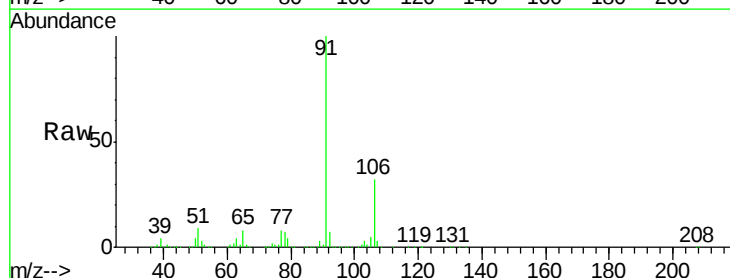
RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

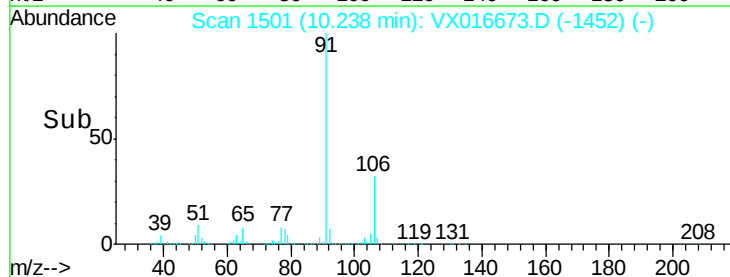
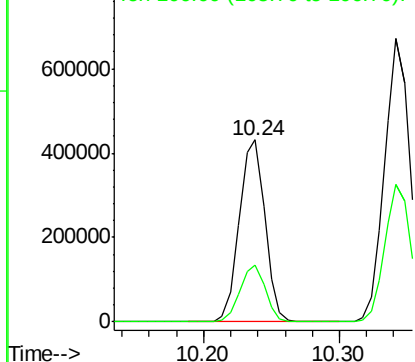
Lab File: VX016673.D

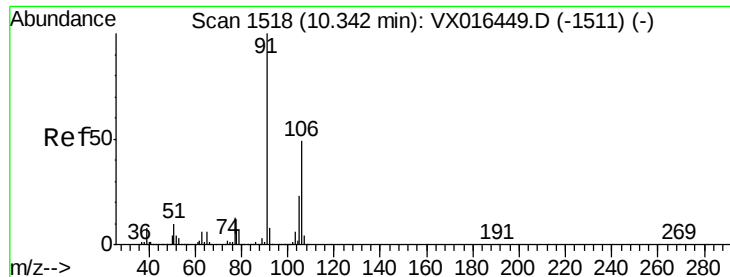
Acq: 10 Jun 2020 14:38

Tgt Ion:	91	Resp:	567375
Ion Ratio	Lower	Upper	
91	100		
106	31.5	25.0	37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 106.00 (105.70 to 106.70): V





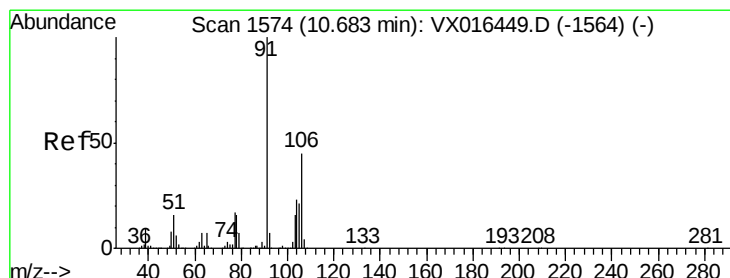
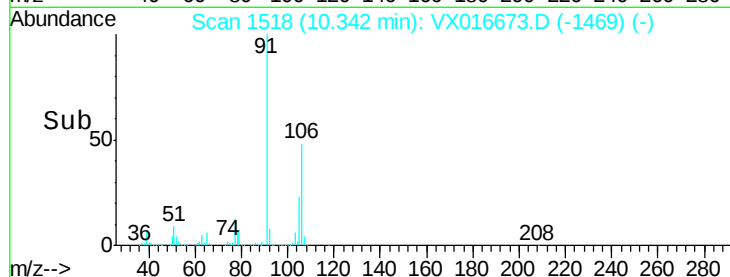
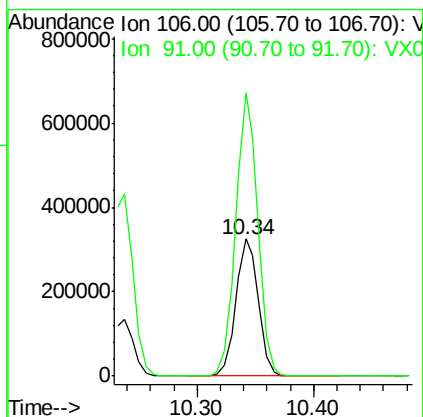
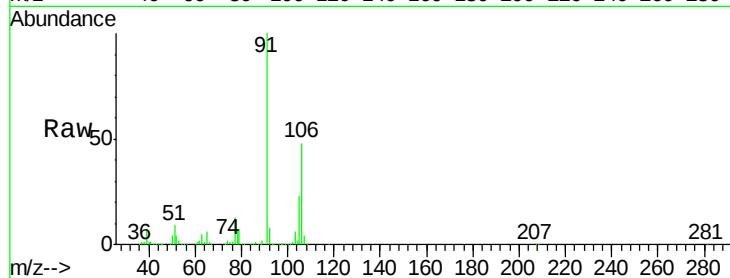
#68
m/p-Xylenes
Concen: 102.453 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-200609MSD

Tot Ion	Ratio	Lower	Upper
106	100		
91	202.4	163.8	245.8

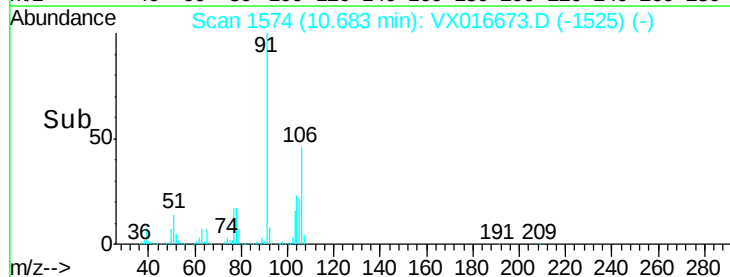
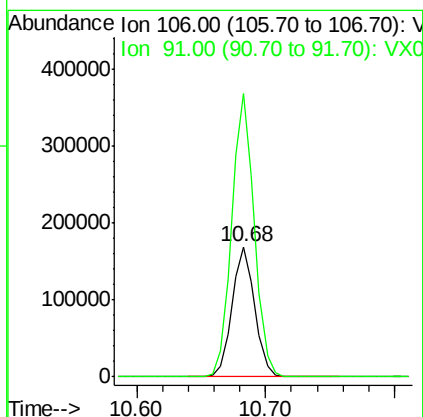
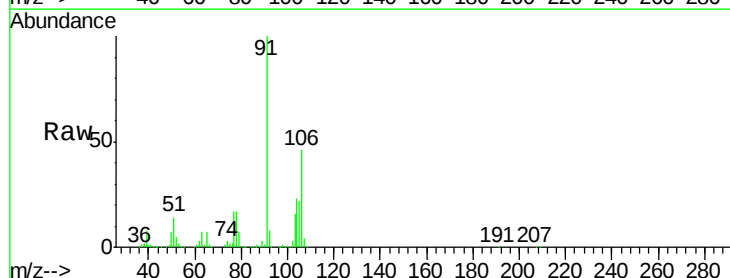
Manual Integrations
APPROVED

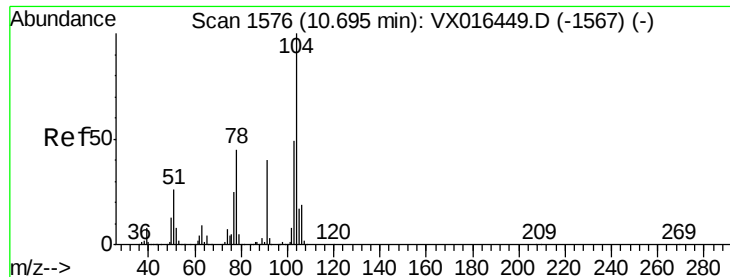
MMDadoda
6/11/2020 12:46:13 PM



#69
o-Xylene
Concen: 50.633 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Tgt Ion	Ratio	Lower	Upper
106	100		
91	215.8	109.6	328.8





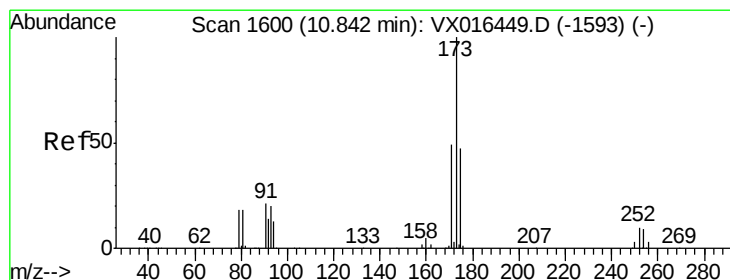
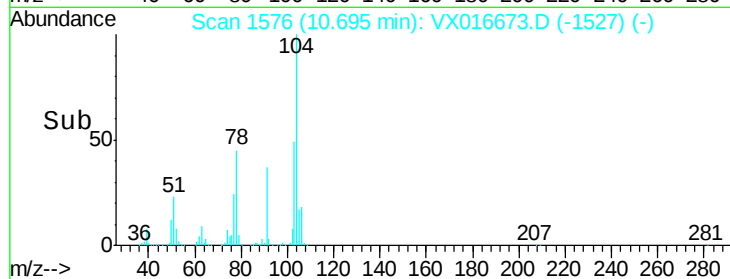
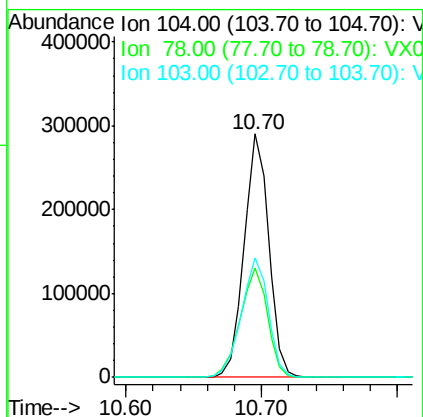
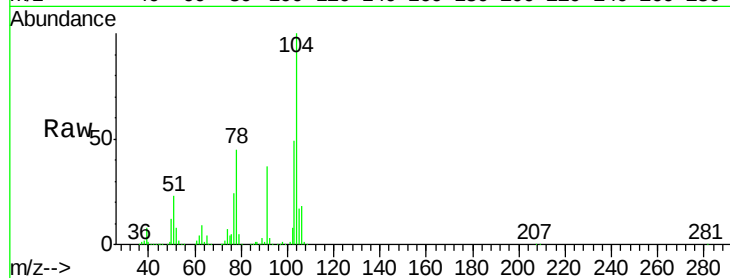
#70
Stvrene
Concen: 52.199 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-200609MSD

Tot Ion	Ratio	Resp	Lower	Upper
104	100	368810		
78	49.6		40.2	60.2
103	53.6		43.1	64.7

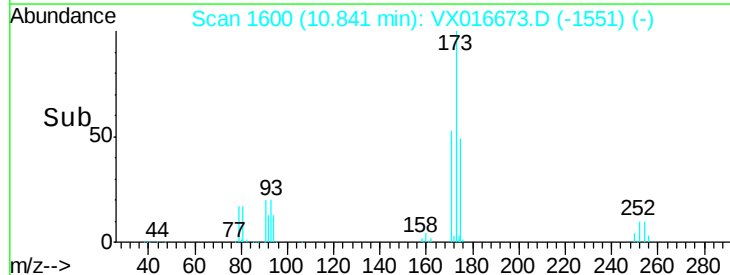
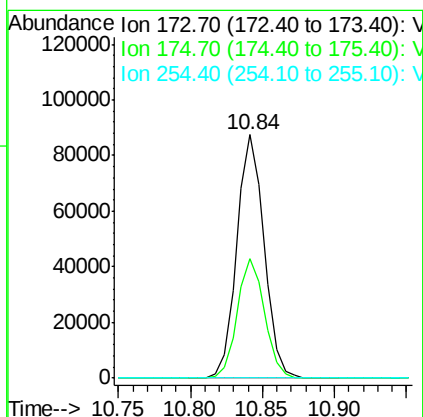
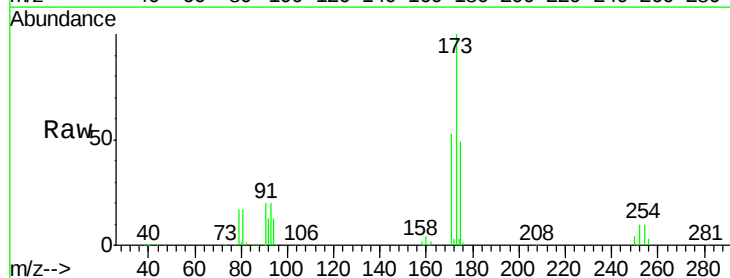
Manual Integrations
APPROVED

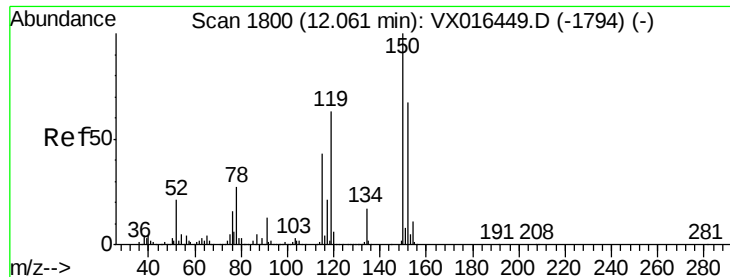
MMDadoda
6/11/2020 12:46:13 PM



#71
Bromoform
Concen: 55.587 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	115305		
175	48.8		23.9	71.7
254	0.1		0.1	0.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016673.D

Acq: 10 Jun 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-200609MSD

Tot Ion:152 Resp: 167139

Ion Ratio Lower Upper

152 100

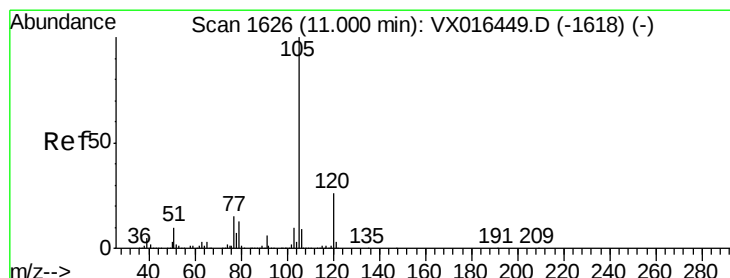
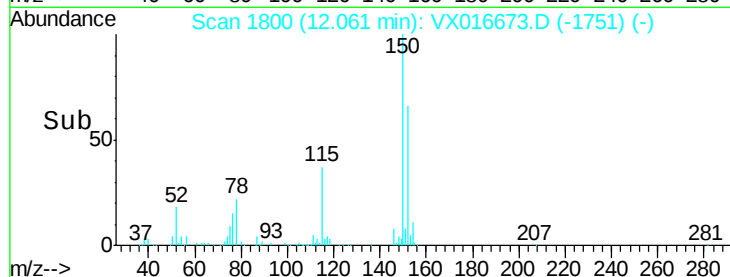
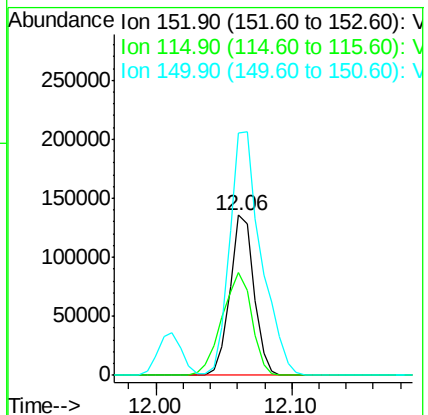
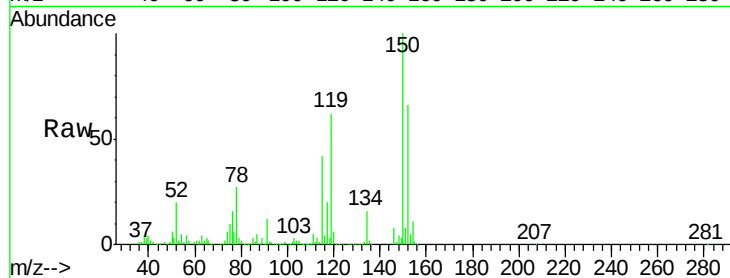
115 79.1 39.9 119.6

150 198.6 0.0 341.0

Manual Integrations
APPROVED

MMDadoda

6/11/2020 12:46:13 PM



#73

Isopropylbenzene

Concen: 48.391 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016673.D

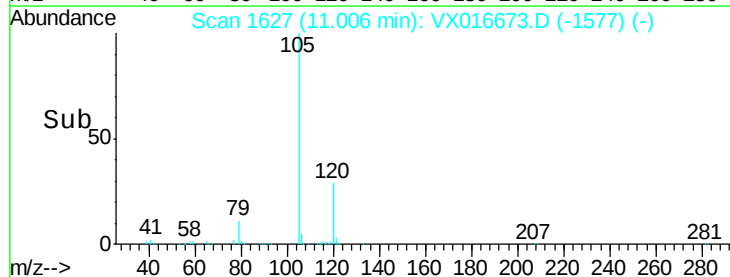
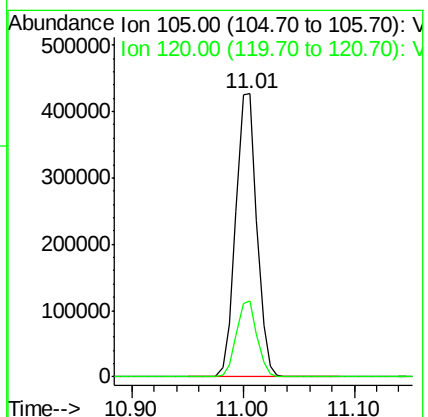
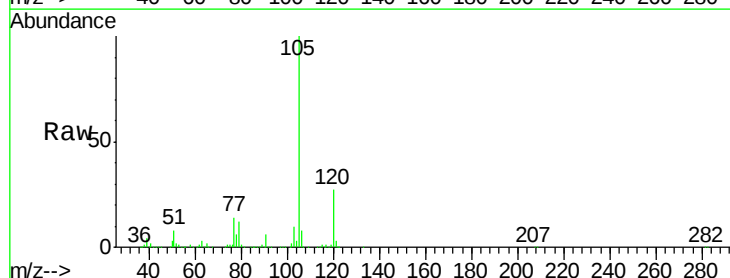
Acq: 10 Jun 2020 14:38

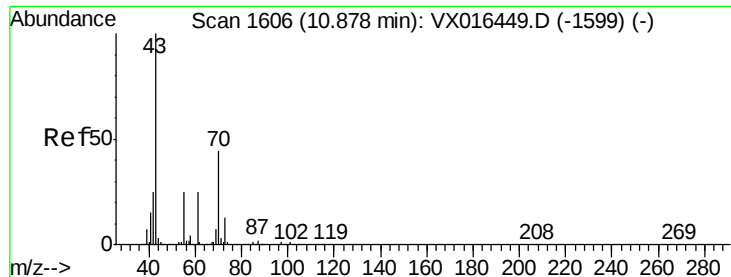
Tgt Ion:105 Resp: 560404

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.3





#74

N-amvl acetate

Concen: 42.417 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016673.D

Acq: 10 Jun 2020 14:38

Instrument :

MSVOA_X

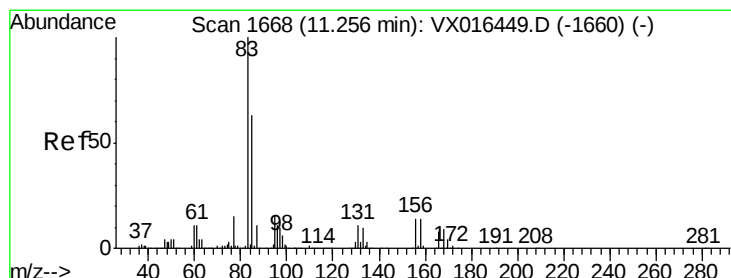
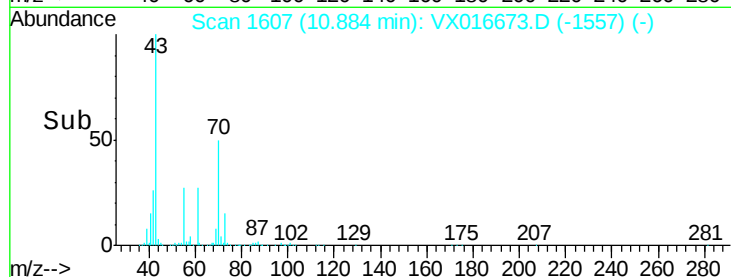
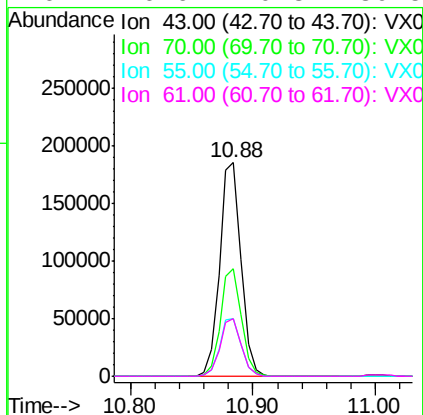
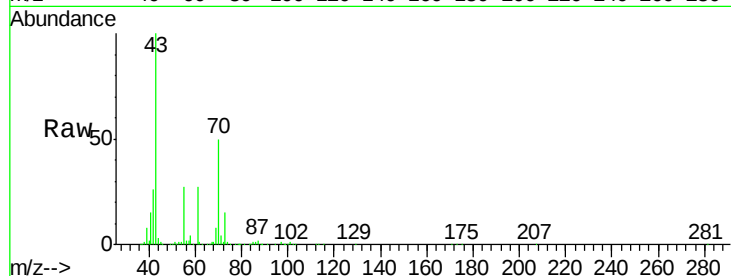
ClientSampleId :

SS003RW114R-200609MSD

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	49.2	36.1	54.1	
55	27.0	20.2	30.4	
61	26.6	20.3	30.5	

Manual Integrations
APPROVED

MMDadoda
6/11/2020 12:46:13 PM



#75

1,1,2,2-Tetrachloroethane

Concen: 53.508 ug/l

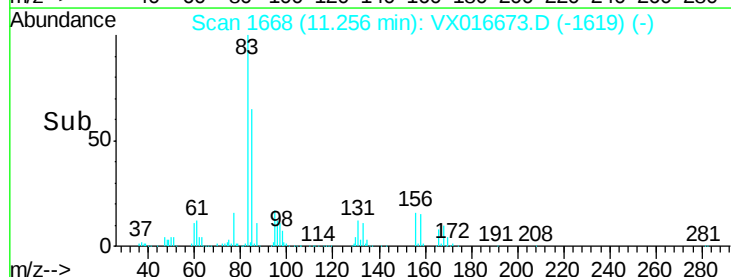
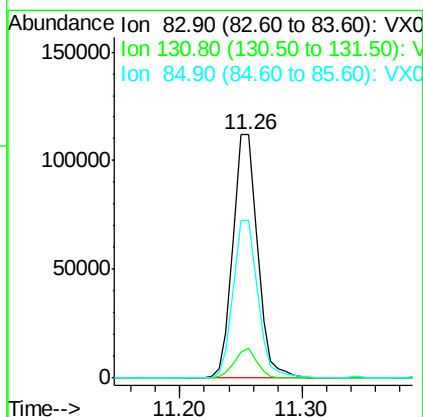
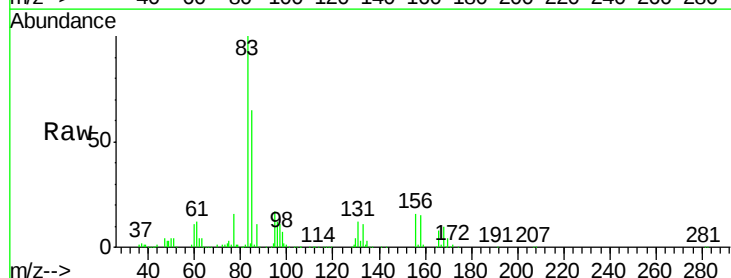
RT: 11.26 min Scan# 1668

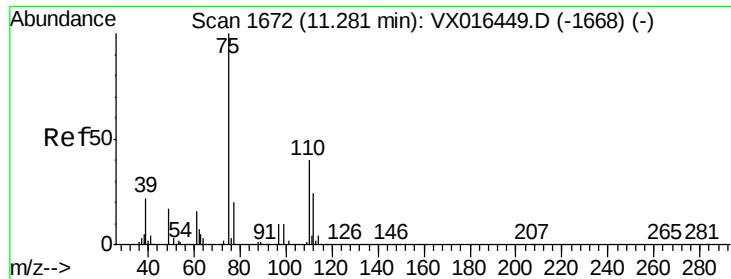
Delta R.T. -0.00 min

Lab File: VX016673.D

Acq: 10 Jun 2020 14:38

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	11.2	5.1	15.3	
85	64.8	32.0	96.2	





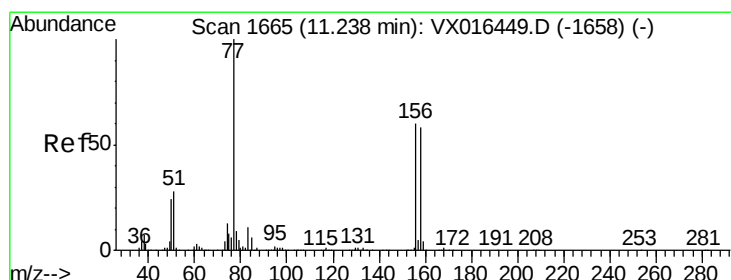
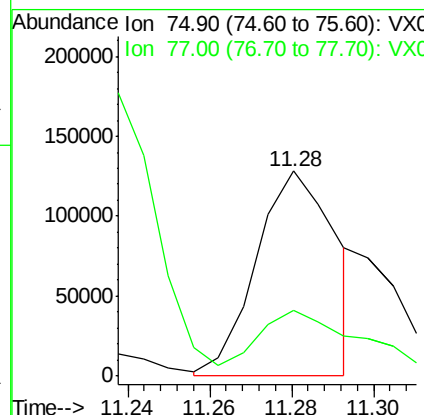
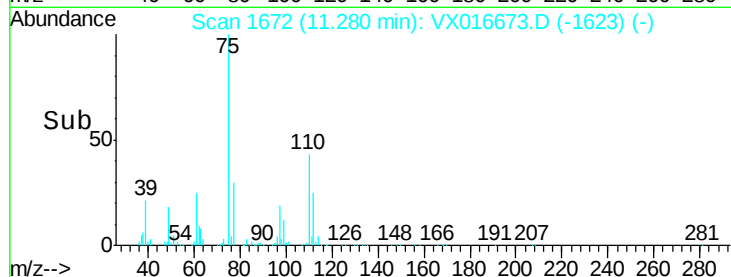
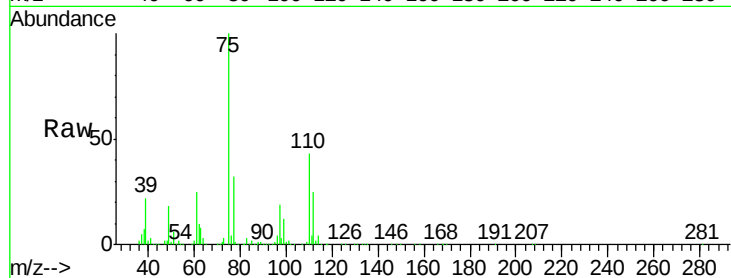
#76
1,2,3-Trichloropropane
Concen: 47.007 ug/l m
RT: 11.28 min Scan# 1672
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-200609MSD

Tot Ion: 75 Resp: 172695
Ion Ratio Lower Upper
75 100
77 42.4 21.3 63.7

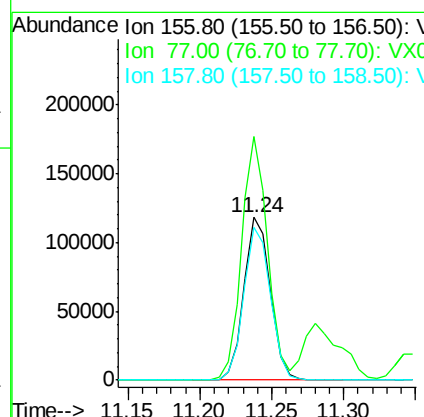
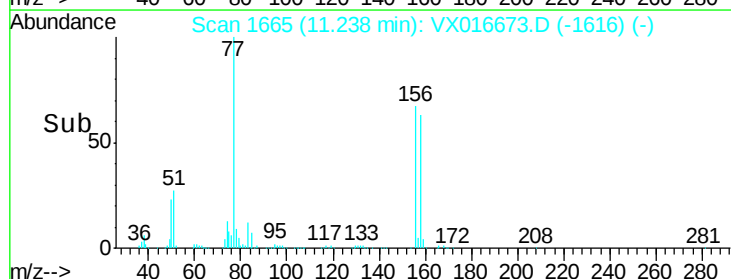
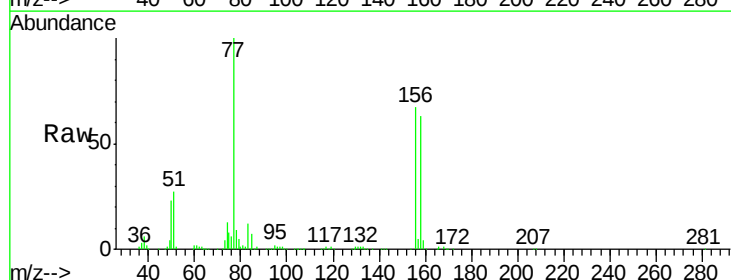
Manual Integrations
APPROVED

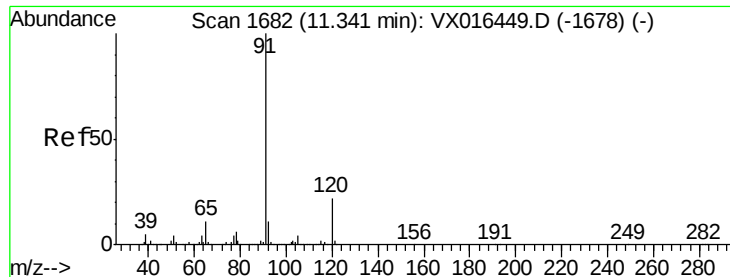
MMDadoda
6/11/2020 12:46:13 PM



#77
Bromobenzene
Concen: 49.579 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Tgt Ion: 156 Resp: 150591
Ion Ratio Lower Upper
156 100
77 147.3 79.6 238.8
158 94.4 48.1 144.4





#78

n-propylbenzene

Concen: 48.073 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016673.D

Acq: 10 Jun 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-200609MSD

Tot Ion: 91 Resp: 621976

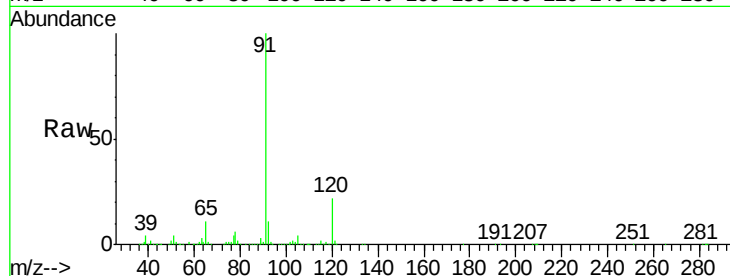
Ion Ratio Lower Upper

91 100

120 23.2 11.6 34.7

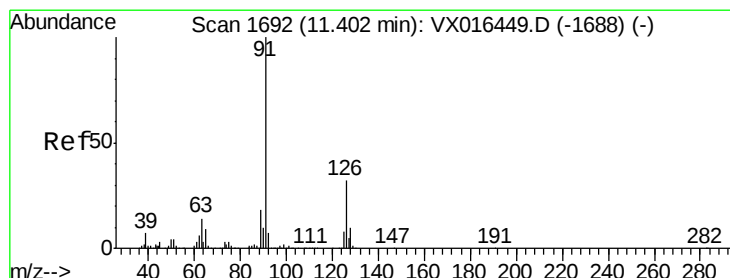
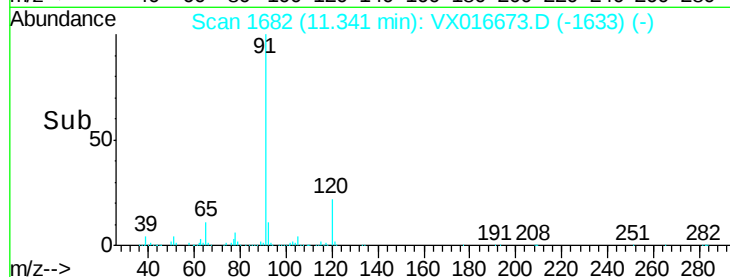
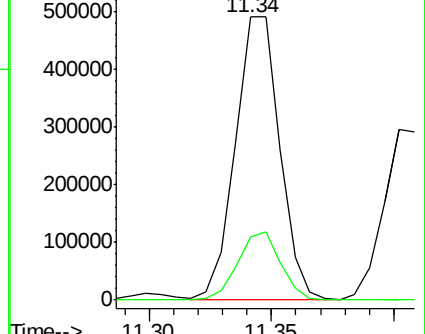
Manual Integrations
APPROVED

MMDadoda
6/11/2020 12:46:13 PM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 48.380 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016673.D

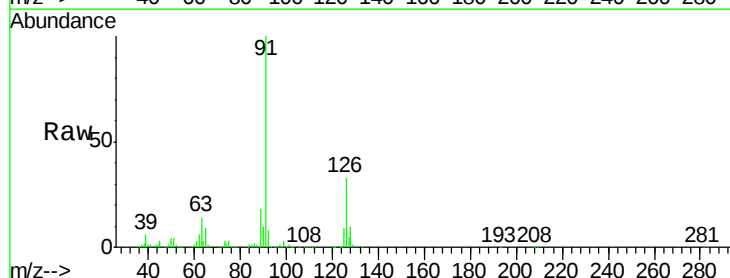
Acq: 10 Jun 2020 14:38

Tgt Ion: 91 Resp: 382076

Ion Ratio Lower Upper

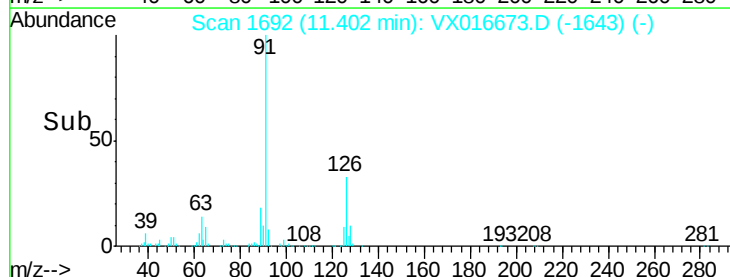
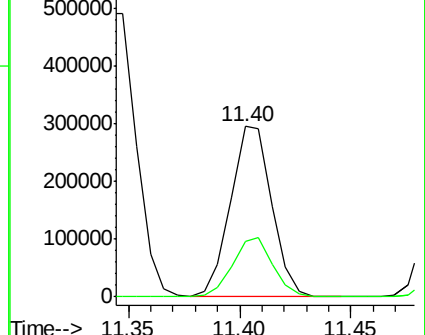
91 100

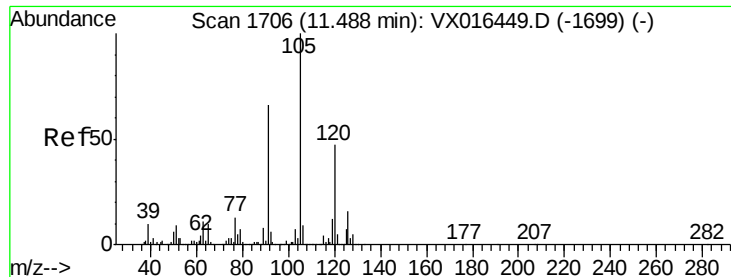
126 34.0 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





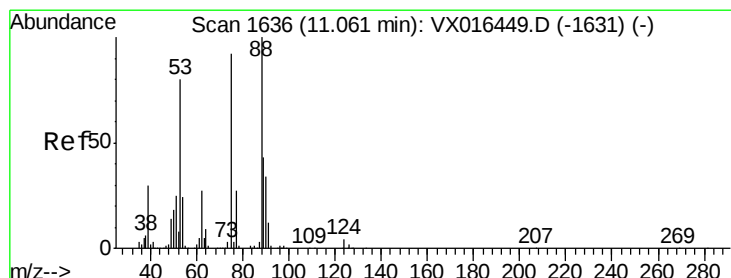
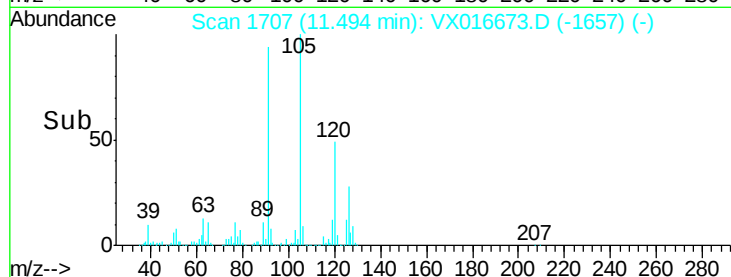
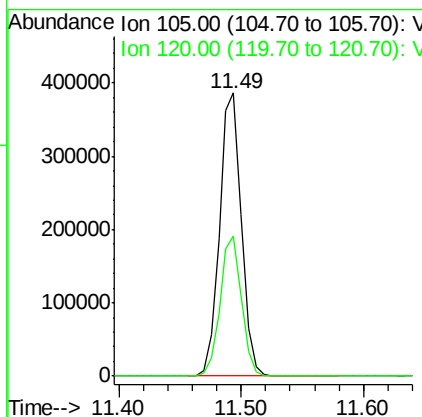
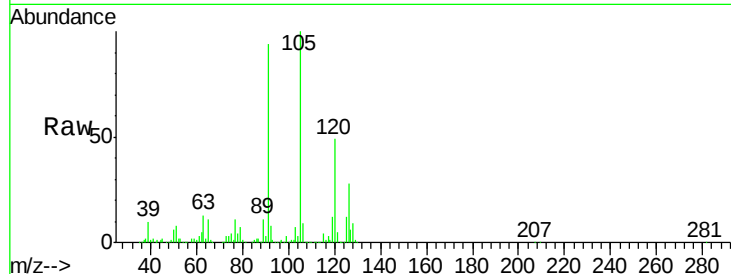
#80
 1,3,5-Trimethylbenzene
 Concen: 49.281 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX016673.D
 Acq: 10 Jun 2020 14:38

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-200609MSD

Tot Ion:105 Resp: 476532
 Ion Ratio Lower Upper
 105 100
 120 48.6 24.3 72.8

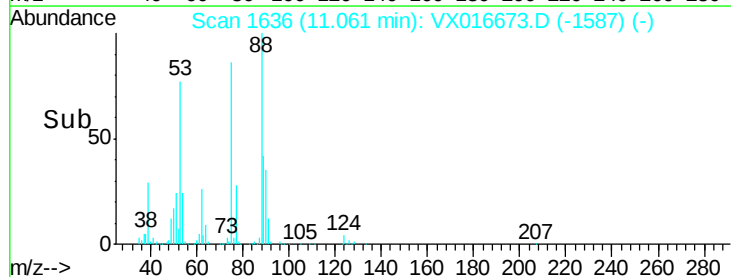
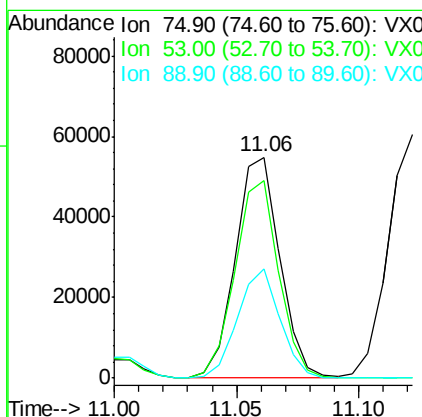
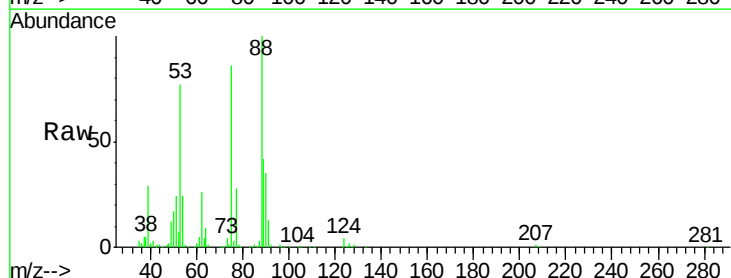
Manual Integrations
 APPROVED

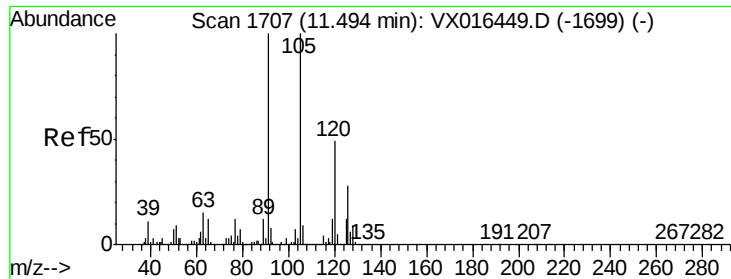
MMDadoda
 6/11/2020 12:46:13 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 46.237 ug/l
 RT: 11.06 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: VX016673.D
 Acq: 10 Jun 2020 14:38

Tgt Ion: 75 Resp: 69055
 Ion Ratio Lower Upper
 75 100
 53 89.0 71.3 106.9
 89 47.3 36.6 55.0





#82

4-Chlorotoluene

Concen: 48.366 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016673.D

Acq: 10 Jun 2020 14:38

Instrument :

MSVOA_X

ClientSampleId :

SS003RW114R-200609MSD

Tot Ion: 91 Resp: 451058

Ion Ratio Lower Upper

91 100

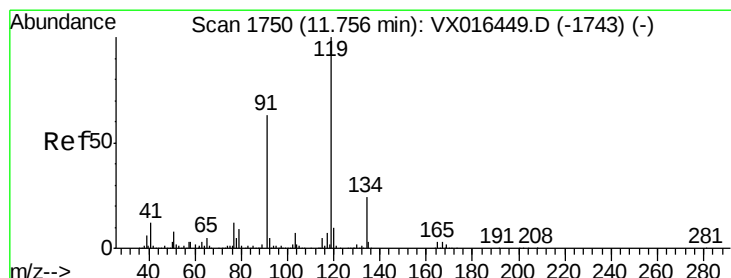
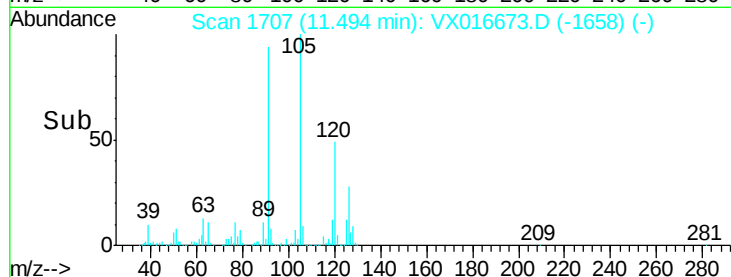
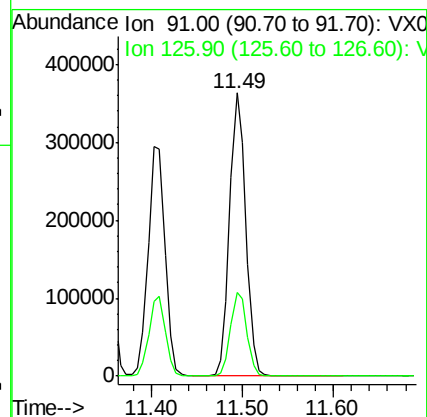
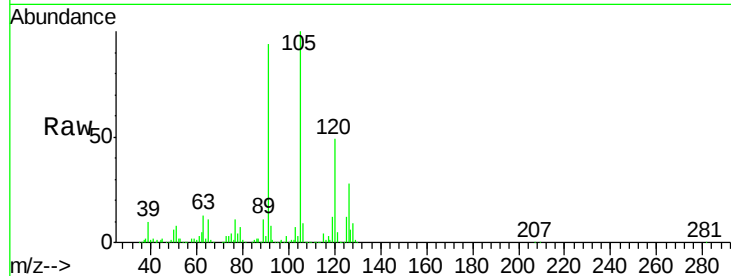
126 29.9 14.7 44.1

Manual Integrations

APPROVED

MMDadoda

6/11/2020 12:46:13 PM



#83

tert-Butylbenzene

Concen: 50.983 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016673.D

Acq: 10 Jun 2020 14:38

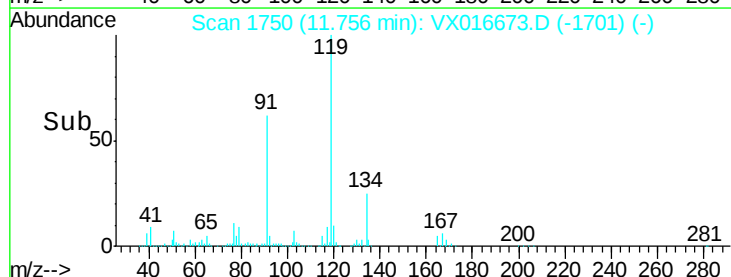
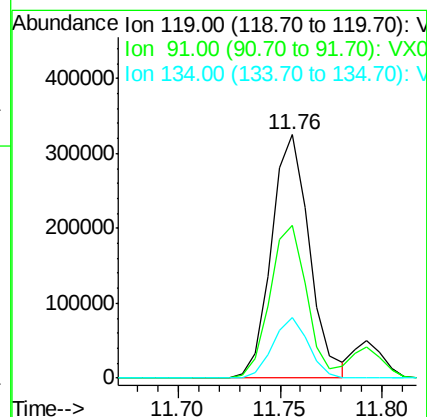
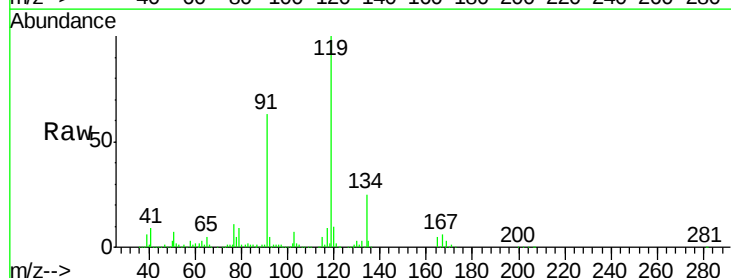
Tgt Ion: 119 Resp: 421238

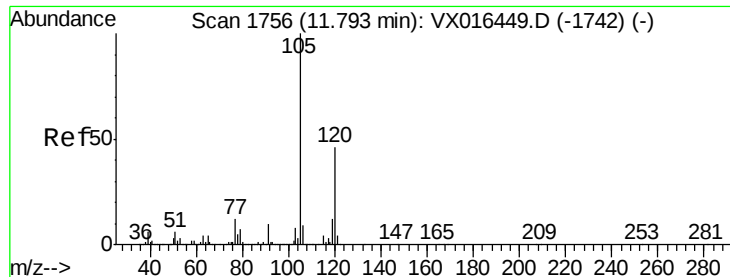
Ion Ratio Lower Upper

119 100

91 60.4 31.3 93.8

134 23.4 12.0 36.0





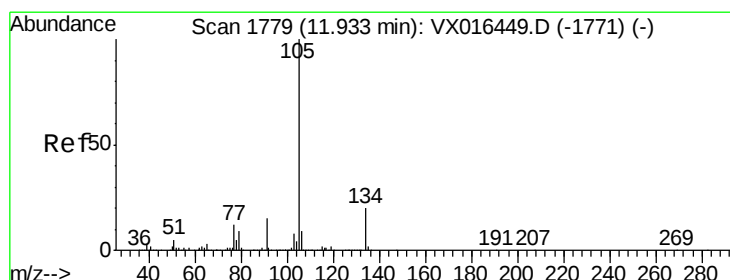
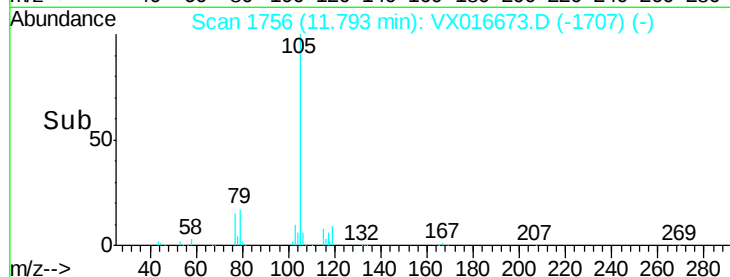
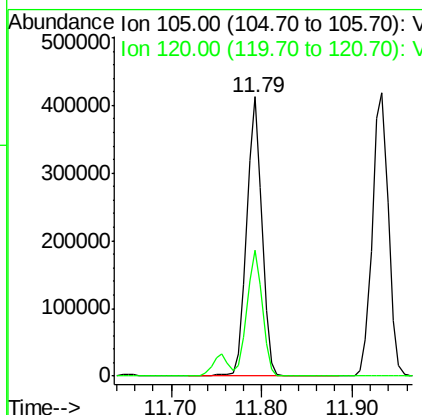
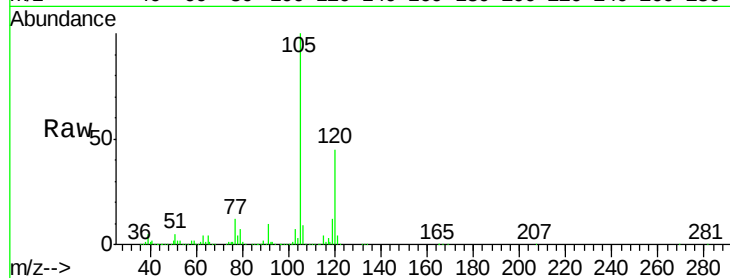
#84
 1,2,4-Trimethylbenzene
 Concen: 49.085 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016673.D
 Acq: 10 Jun 2020 14:38

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-200609MSD

Tot Ion:105 Resp: 480009
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.6 67.7

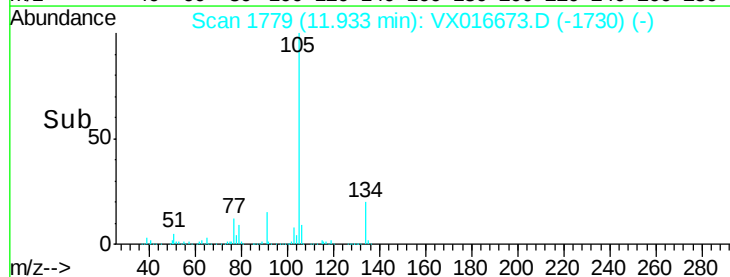
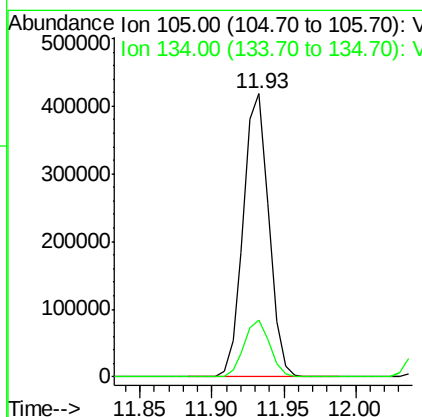
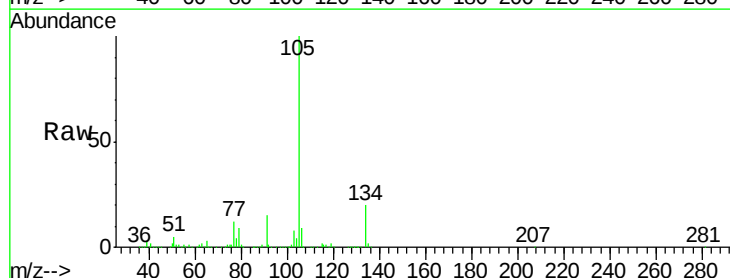
Manual Integrations
 APPROVED

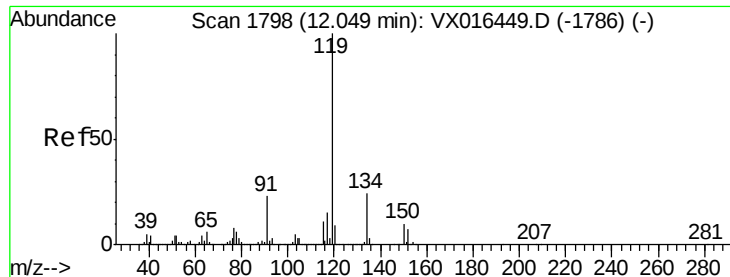
MMDadoda
 6/11/2020 12:46:13 PM



#85
 sec-Butylbenzene
 Concen: 49.519 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016673.D
 Acq: 10 Jun 2020 14:38

Tgt Ion:105 Resp: 513254
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.1 30.3





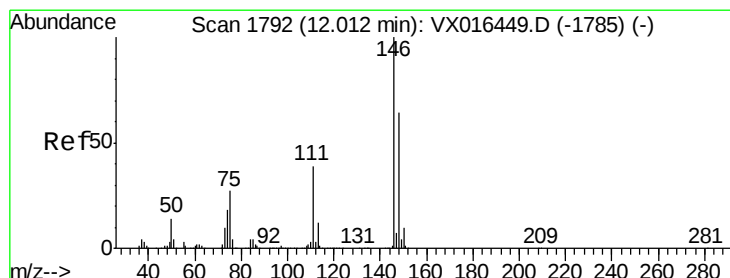
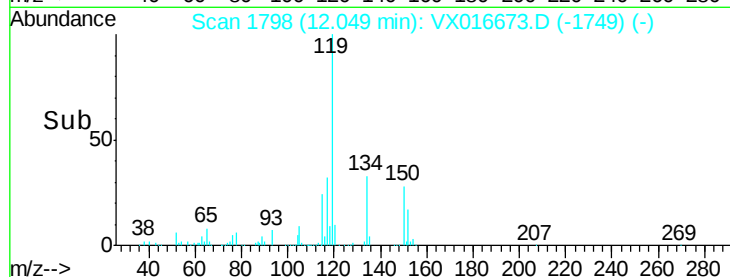
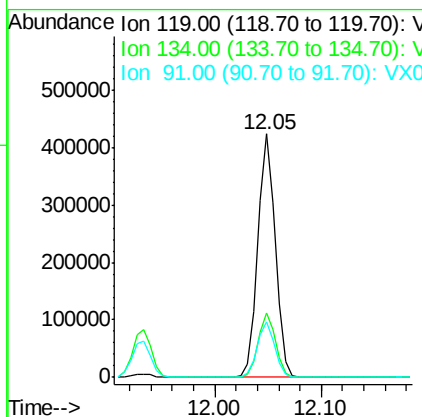
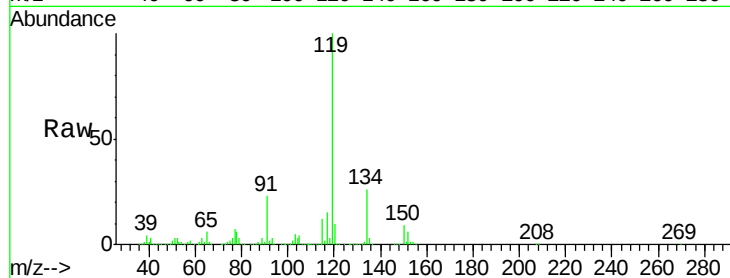
#86
p-Isopropyltoluene
Concen: 50.568 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-200609MSD

Tot Ion	Ratio	Resp	Lower	Upper
119	100	490975		
134	26.1		12.7	38.0
91	22.9		11.7	35.0

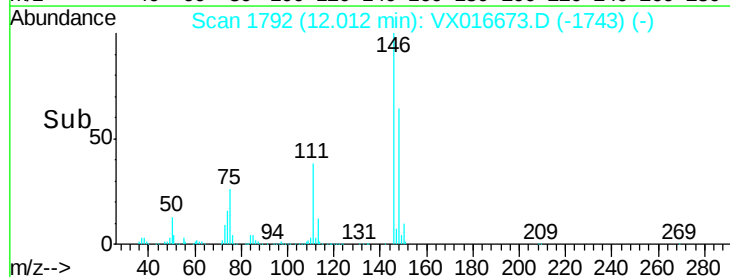
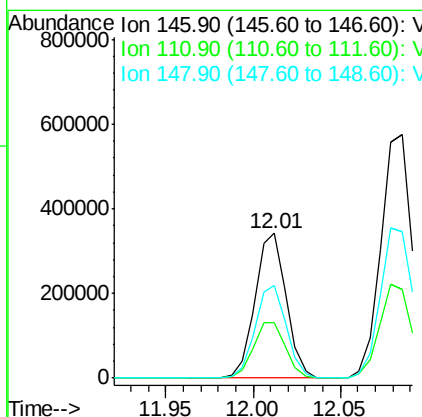
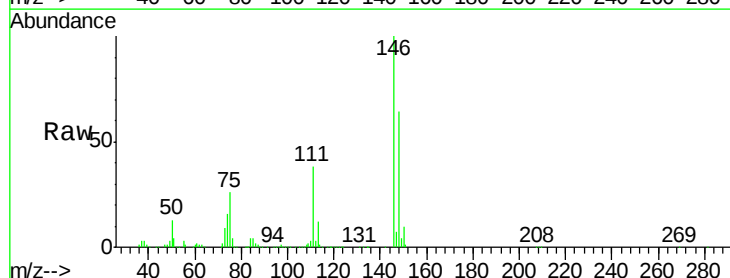
Manual Integrations
APPROVED

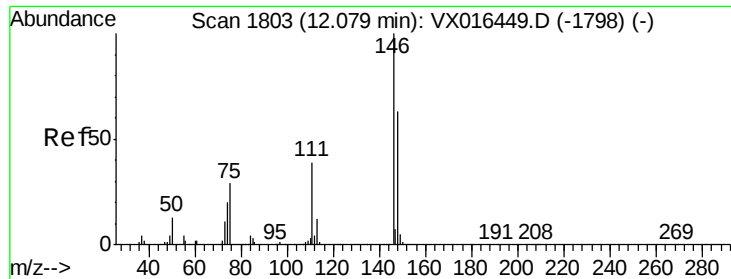
MMDadoda
6/11/2020 12:46:13 PM



#87
1,3-Dichlorobenzene
Concen: 81.305 ug/l
RT: 12.01 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	427850		
111	39.7		20.0	60.0
148	64.0		31.9	95.5





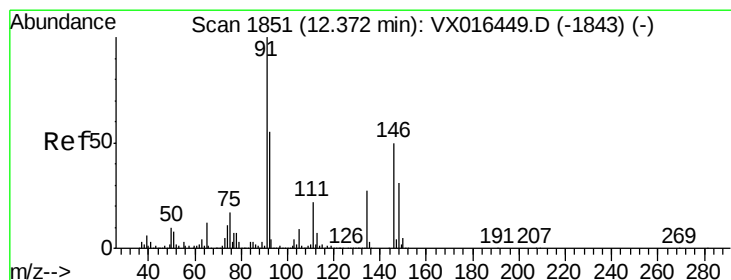
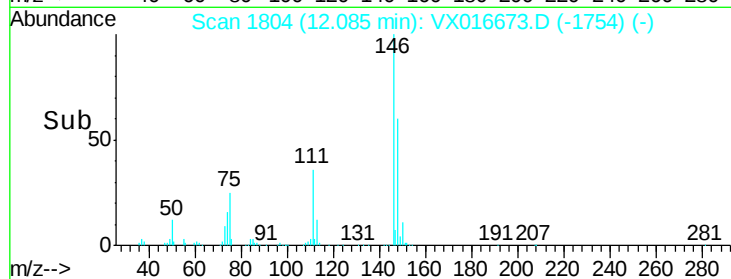
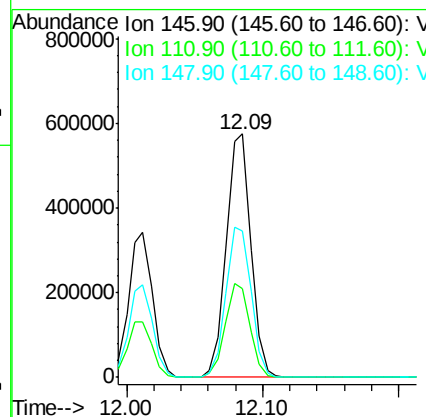
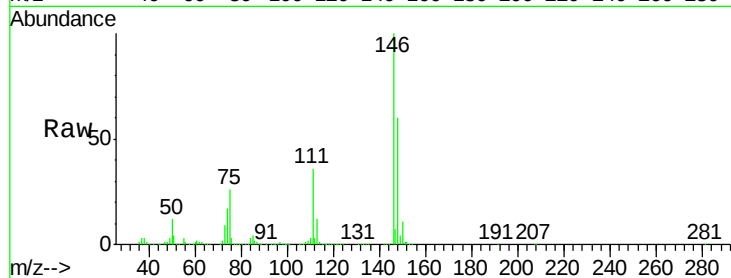
#88
 1,4-Dichlorobenzene
 Concen: 133.729 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VX016673.D
 Acq: 10 Jun 2020 14:38

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-200609MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.7	19.4	58.2
148	63.5	31.4	94.3

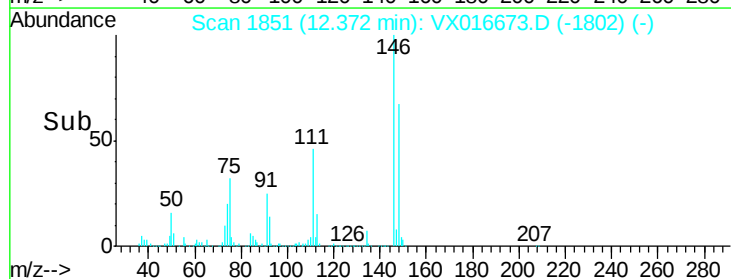
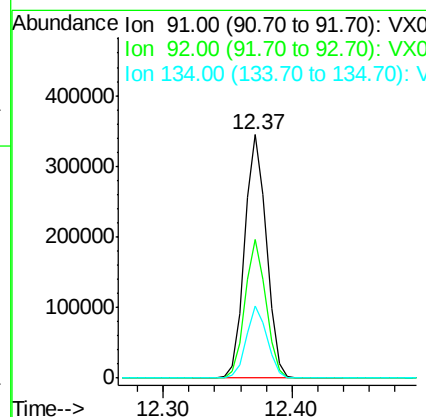
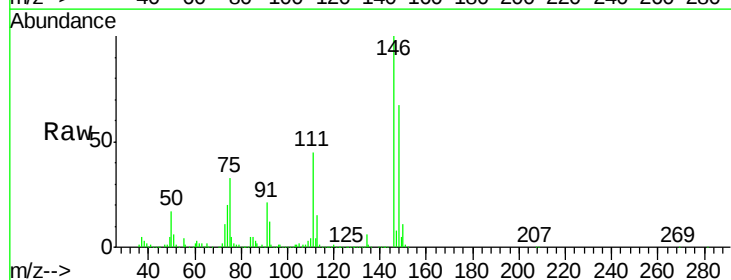
Manual Integrations
 APPROVED

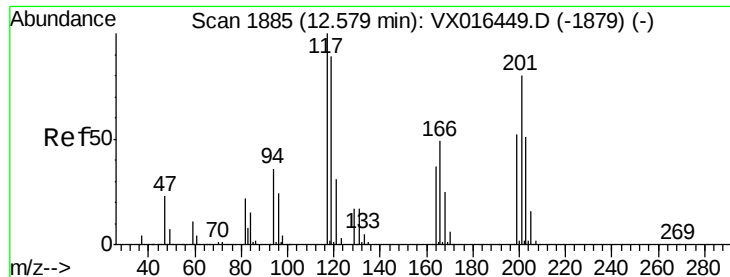
MMDadoda
 6/11/2020 12:46:13 PM



#89
 n-Butylbenzene
 Concen: 49.532 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016673.D
 Acq: 10 Jun 2020 14:38

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.2	81.5
134	28.2	13.1	39.3





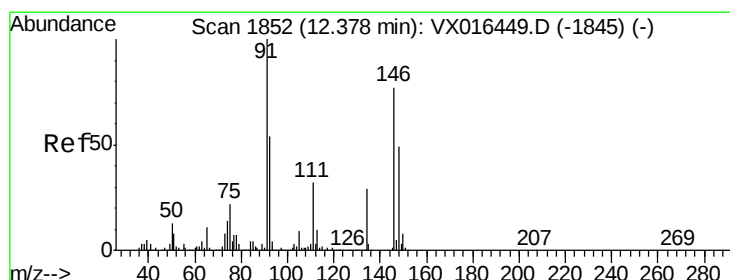
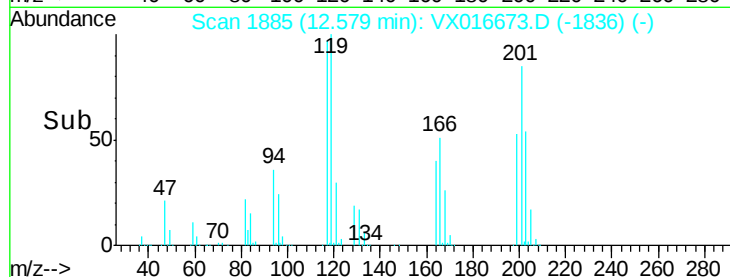
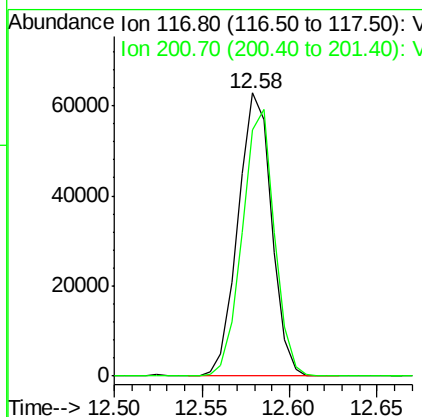
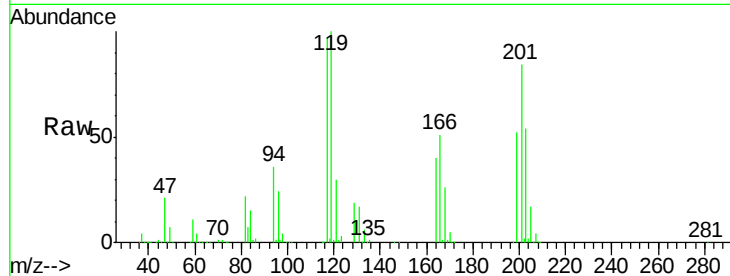
#90
Hexachloroethane
Concen: 49.971 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-200609MSD

Tot Ion:117 Resp: 83804
Ion Ratio Lower Upper
117 100
201 89.9 43.1 129.3

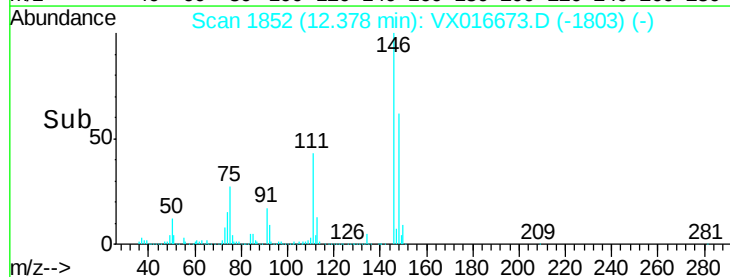
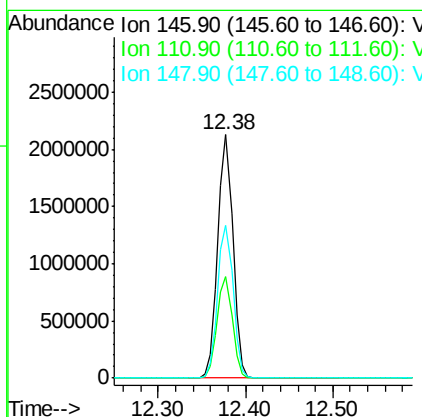
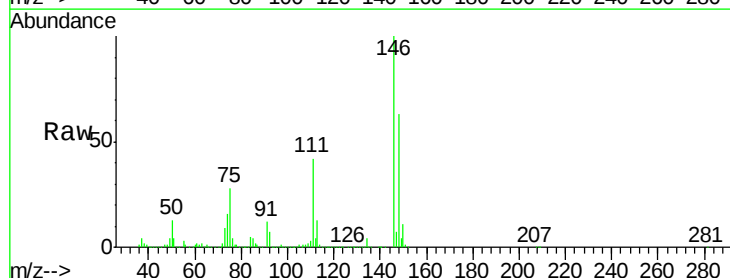
Manual Integrations
APPROVED

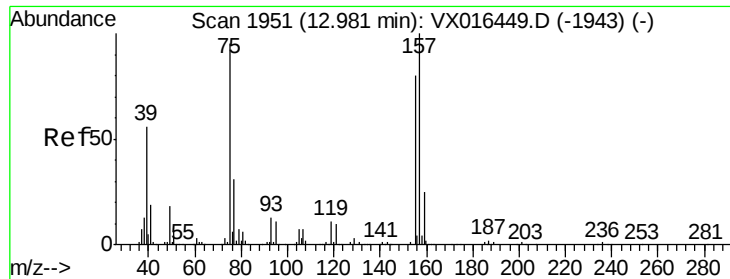
MMDadoda
6/11/2020 12:46:13 PM



#91
1,2-Dichlorobenzene
Concen: 499.304 ug/l
RT: 12.38 min Scan# 1852
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Tgt Ion:146 Resp: 2545604
Ion Ratio Lower Upper
146 100
111 42.1 21.4 64.3
148 63.9 31.9 95.7





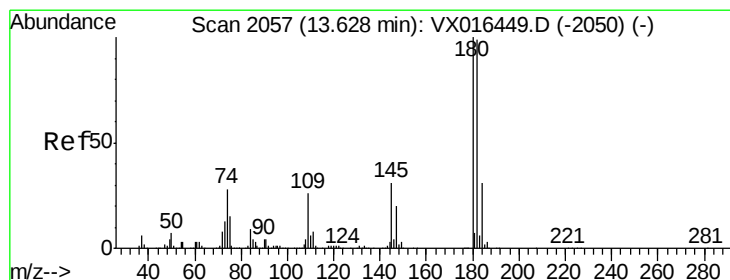
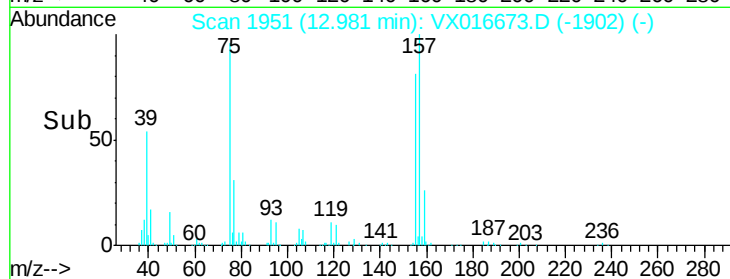
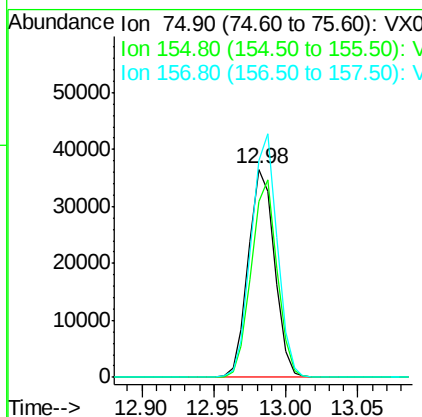
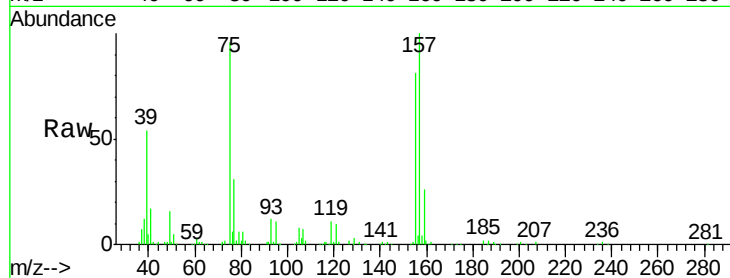
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 48.911 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016673.D
 Acq: 10 Jun 2020 14:38

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-200609MSD

Tot Ion	Ratio	Lower	Upper
75	100		
155	92.4	44.1	132.4
157	115.6	57.8	173.3

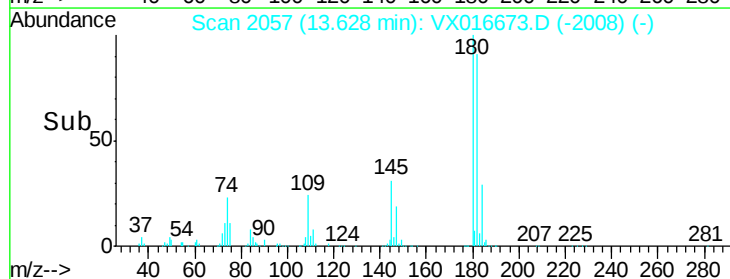
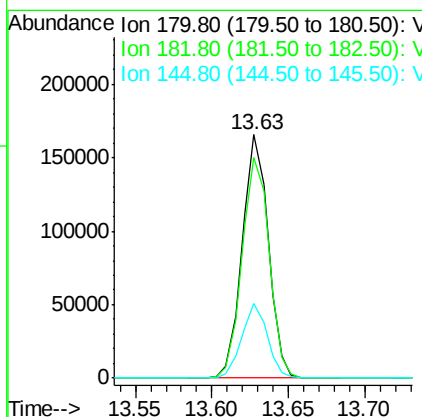
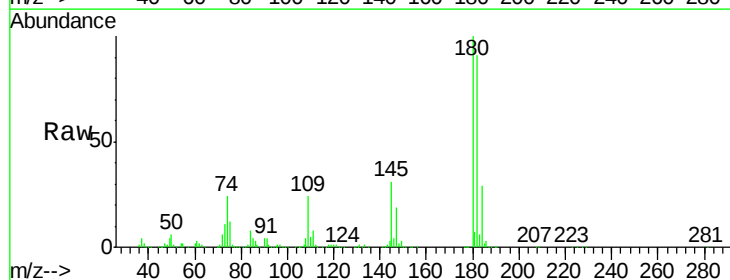
Manual Integrations
 APPROVED

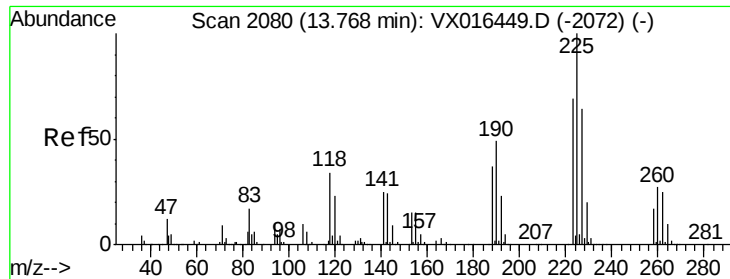
MMDadoda
 6/11/2020 12:46:13 PM



#93
 1,2,4-Trichlorobenzene
 Concen: 57.758 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016673.D
 Acq: 10 Jun 2020 14:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	48.3	144.8
145	30.2	15.4	46.2





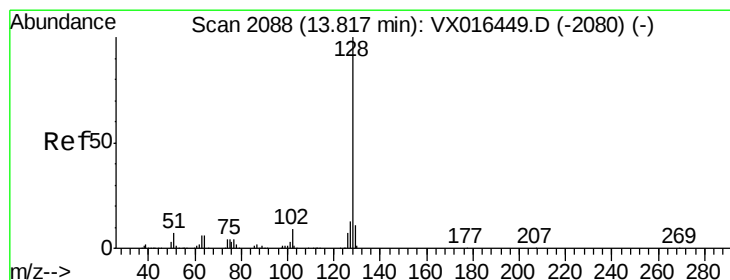
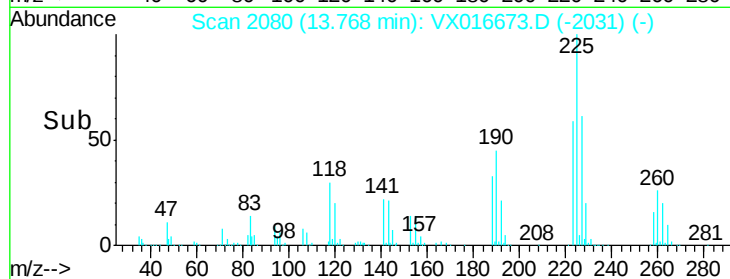
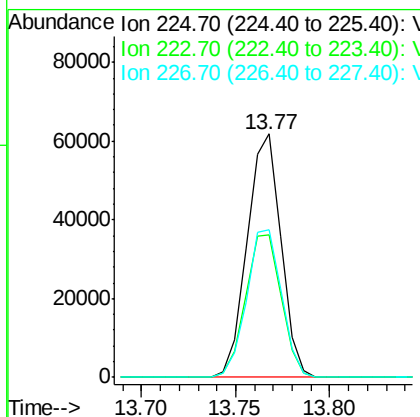
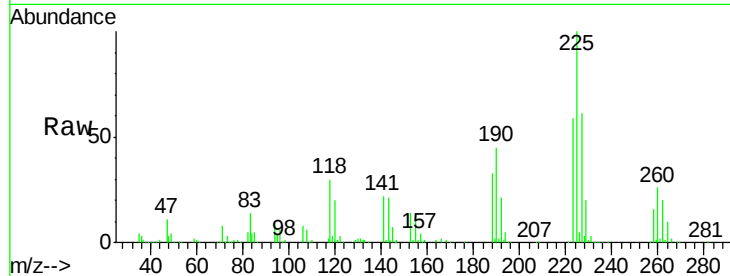
#94
Hexachlorobutadiene
Concen: 57.993 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Instrument :
MSVOA_X
ClientSampleId :
SS003RW114R-200609MSD

Tot Ion	Ratio	Resp	Lower	Upper
225	100	77097		
223	62.0		32.3	96.8
227	62.5		31.6	94.7

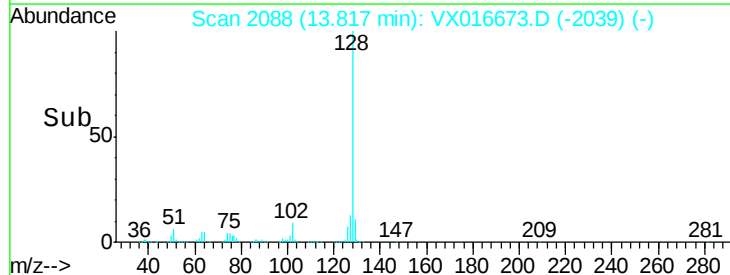
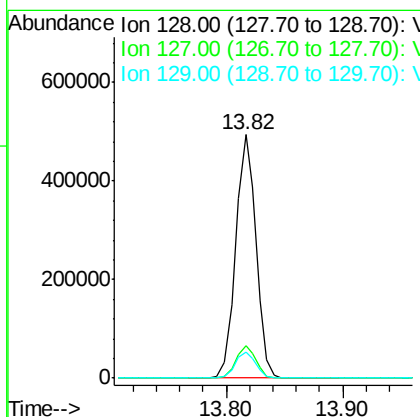
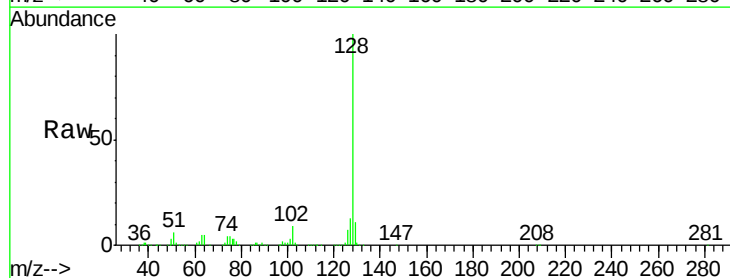
Manual Integrations
APPROVED

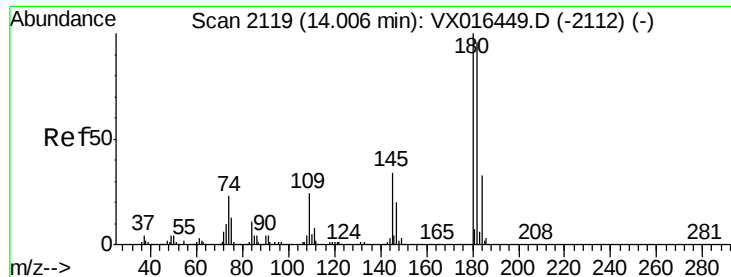
MMDadoda
6/11/2020 12:46:13 PM



#95
Naphthalene
Concen: 51.479 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016673.D
Acq: 10 Jun 2020 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	597543		
127	12.9		10.6	15.8
129	10.8		8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 56.376 ug/l
 RT: 14.00 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: VX016673.D
 Acq: 10 Jun 2020 14:38

Instrument :
 MSVOA_X
 ClientSampleId :
 SS003RW114R-200609MSD

Tot Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.5	48.6	145.8
145	32.2	16.6	49.8

Manual Integrations
 APPROVED

MMDadoda
 6/11/2020 12:46:13 PM

