

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060320\
 Data File : VX016557.D
 Acq On : 03 Jun 2020 10:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/4/2020 3:08:45 PM

Quant Time: Jun 04 08:44:26 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	5.62	168	276995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	421816	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	388945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	190997	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	170832	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
35) Dibromofluoromethane	5.46	113	136711	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	
50) Toluene-d8	8.70	98	545057	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	
62) 4-Bromofluorobenzene	11.12	95	201321	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	136820	50.192	ug/l	98
3) Chloromethane	1.31	50	153200	46.506	ug/l	100
4) Vinyl Chloride	1.39	62	168597	48.396	ug/l	100
5) Bromomethane	1.62	94	80866	47.741	ug/l	100
6) Chloroethane	1.70	64	101601	49.997	ug/l	97
7) Trichlorofluoromethane	1.91	101	232881	50.902	ug/l	99
8) Diethyl Ether	2.17	74	91796	48.118	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	130042	51.645	ug/l	100
10) Methyl Iodide	2.49	142	145183	48.367	ug/l	98
11) Tert butyl alcohol	3.01	59	186049	210.916	ug/l	100
12) 1,1-Dichloroethene	2.35	96	129766	48.687	ug/l	98
13) Acrolein	2.27	56	96295	256.626	ug/l	97
14) Allyl chloride	2.70	41	230442	47.013	ug/l	99
15) Acrylonitrile	3.11	53	424511	234.935	ug/l	99
16) Acetone	2.42	43	353350	234.456	ug/l	98
17) Carbon Disulfide	2.54	76	365257	46.148	ug/l	99
18) Methyl Acetate	2.75	43	183493	47.470	ug/l	98
19) Methyl tert-butyl Ether	3.16	73	475725	49.706	ug/l	99
20) Methylene Chloride	2.83	84	147605	47.338	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	142180	48.228	ug/l	96
22) Diisopropyl ether	3.82	45	445509	47.313	ug/l	99
23) Vinyl Acetate	3.78	43	1968769	238.870	ug/l	97
24) 1,1-Dichloroethane	3.67	63	257407	48.434	ug/l	99
25) 2-Butanone	4.63	43	574154	224.829	ug/l	96
26) 2,2-Dichloropropane	4.54	77	238084	54.746	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	163947	48.070	ug/l	99
28) Bromochloromethane	4.98	49	114680	46.434	ug/l	92
29) Tetrahydrofuran	5.08	42	371727	225.312	ug/l	96
30) Chloroform	5.17	83	262043	48.934	ug/l	98
31) Cyclohexane	5.54	56	222974	46.635	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	240388	49.584	ug/l	99
36) 1,1-Dichloropropene	5.76	75	198339	49.662	ug/l	98
37) Ethyl Acetate	4.79	43	218917	45.656	ug/l	98
38) Carbon Tetrachloride	5.75	117	214707	51.156	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX060320\
 Data File : VX016557.D
 Acq On : 03 Jun 2020 10:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/4/2020 3:08:45 PM

Quant Time: Jun 04 08:44:26 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	7.43	83	231960	53.472	ug/l	99
40) Benzene	6.11	78	590885	49.682	ug/l	100
41) Methacrylonitrile	5.00	41	120135	45.613	ug/l	98
42) 1,2-Dichloroethane	6.15	62	209264	49.476	ug/l	100
43) Isopropyl Acetate	6.40	43	356180	47.623	ug/l	98
44) Trichloroethene	7.18	130	187418	49.667	ug/l	96
45) 1,2-Dichloropropane	7.49	63	151789	50.132	ug/l	97
46) Dibromomethane	7.63	93	101908	50.110	ug/l	99
47) Bromodichloromethane	7.87	83	215542	51.187	ug/l	98
48) Methyl methacrylate	7.74	41	170895	47.722	ug/l	97
49) 1,4-Dioxane	7.71	88	72206	861.594	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1114063	239.224	ug/l	98
52) Toluene	8.76	92	387511	51.669	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	253898	53.026	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	267152	52.712	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	153463	51.464	ug/l	97
56) Ethyl methacrylate	9.16	69	251474	51.781	ug/l	97
57) 1,3-Dichloropropane	9.35	76	261376	51.066	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	678383	267.618	ug/l	98
59) 2-Hexanone	9.47	43	862892	238.267	ug/l	97
60) Dibromochloromethane	9.56	129	178504	53.193	ug/l	99
61) 1,2-Dibromoethane	9.65	107	164671	51.569	ug/l	99
64) Tetrachloroethene	9.32	164	217813	50.055	ug/l	99
65) Chlorobenzene	10.12	112	416438	52.517	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	160200	52.925	ug/l	99
67) Ethyl Benzene	10.23	91	733825	51.978	ug/l	98
68) m/p-Xylenes	10.34	106	559681	106.921	ug/l	100
69) o-Xylene	10.68	106	265366	52.347	ug/l	99
70) Styrene	10.70	104	464695	53.330	ug/l	100
71) Bromoform	10.84	173	133953	52.363	ug/l #	97
73) Isopropylbenzene	11.00	105	717856	54.244	ug/l	100
74) N-amyl acetate	10.88	43	306389	50.333	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	177652	53.563	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	223073m	53.135	ug/l	
77) Bromobenzene	11.24	156	181425	52.269	ug/l	98
78) n-propylbenzene	11.34	91	797561	53.944	ug/l	99
79) 2-Chlorotoluene	11.40	91	480625	53.256	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	600634	54.356	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	88949	52.118	ug/l	96
82) 4-Chlorotoluene	11.49	91	559760	52.524	ug/l	99
83) tert-Butylbenzene	11.76	119	520434	55.120	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	611504	54.720	ug/l	100
85) sec-Butylbenzene	11.93	105	663391	56.009	ug/l	99
86) p-Isopropyltoluene	12.05	119	631715	56.937	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	315833	52.521	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	322774	52.482	ug/l	99
89) n-Butylbenzene	12.37	91	523285	56.624	ug/l	99
90) Hexachloroethane	12.58	117	108817	56.781	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	302714	51.959	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	52702	49.057	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060320\
Data File : VX016557.D
Acq On : 03 Jun 2020 10:36
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
6/4/2020 3:08:45 PM

Quant Time: Jun 04 08:44:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	220019	56.863	ug/l	99
94) Hexachlorobutadiene	13.77	225	97129	63.935	ug/l	97
95) Naphthalene	13.82	128	711561	53.644	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	214892	56.689	ug/l	98

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

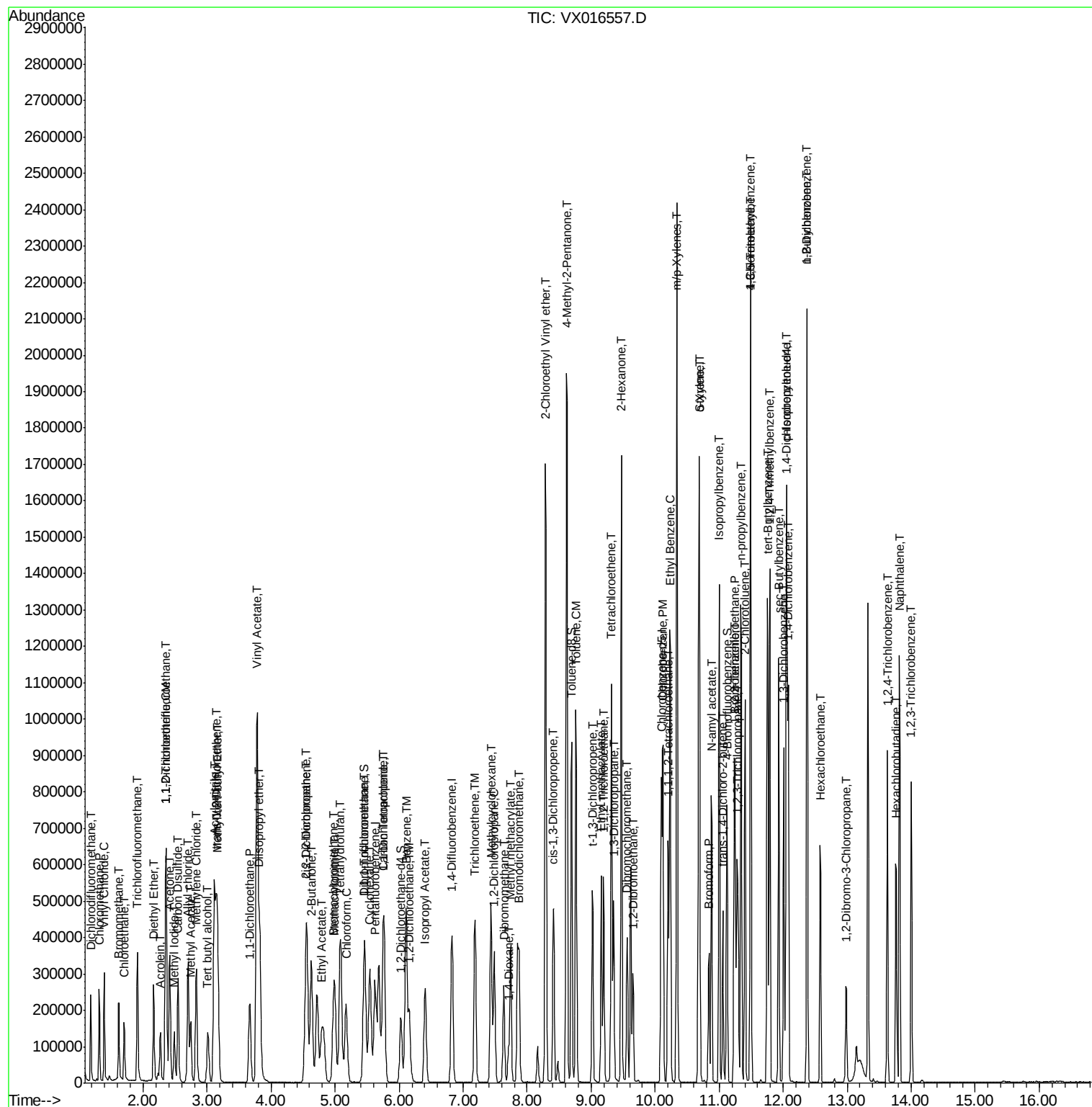
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060320\
 Data File : VX016557.D
 Acq On : 03 Jun 2020 10:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

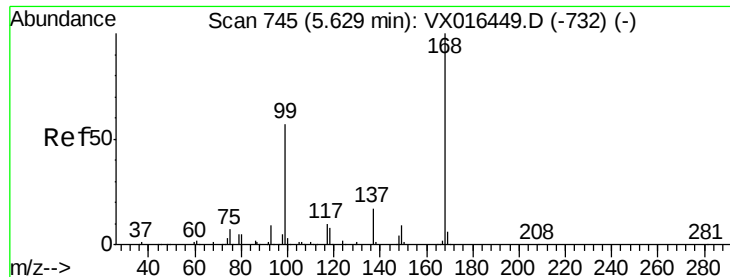
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/4/2020 3:08:45 PM

Quant Time: Jun 04 08:44:26 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration





#1

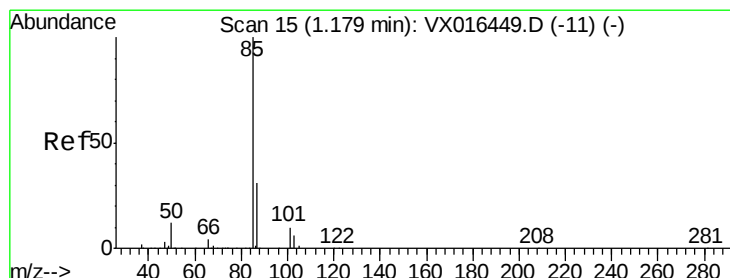
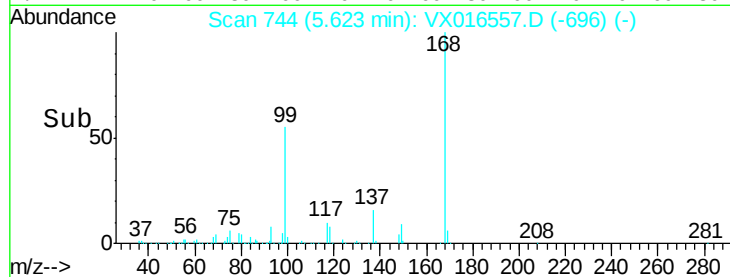
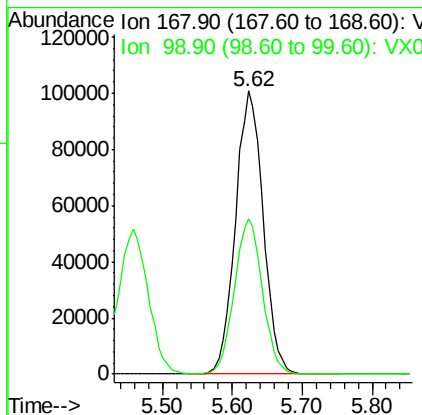
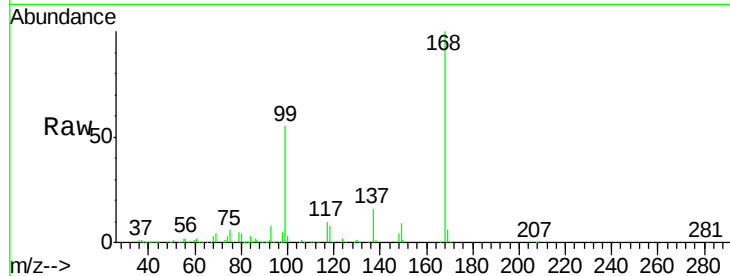
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: VX016557.D
 Acq: 03 Jun 2020 10:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	54.8	45.2	67.8

Manual Integrations
 APPROVED

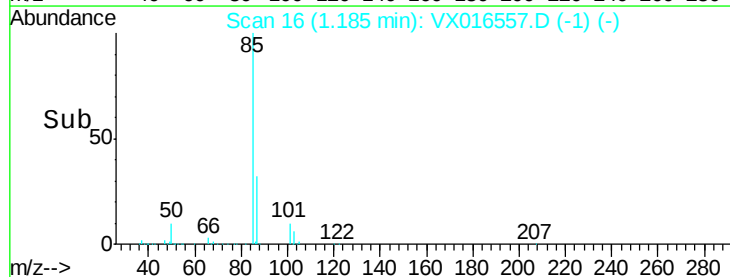
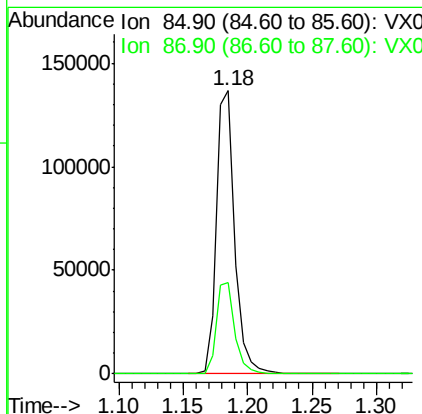
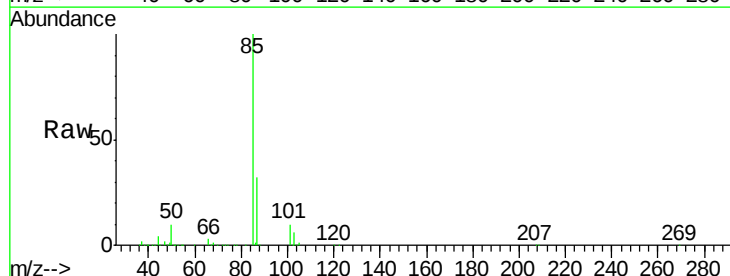
MMDadoda
 6/4/2020 3:08:45 PM

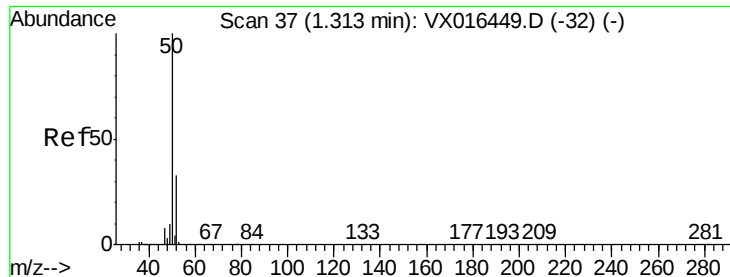


#2

Dichlorodifluoromethane
 Concen: 50.192 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.01 min
 Lab File: VX016557.D
 Acq: 03 Jun 2020 10:36

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.1	15.4	46.2





#3

Chloromethane

Concen: 46.506 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 153200

Ion Ratio Lower Upper

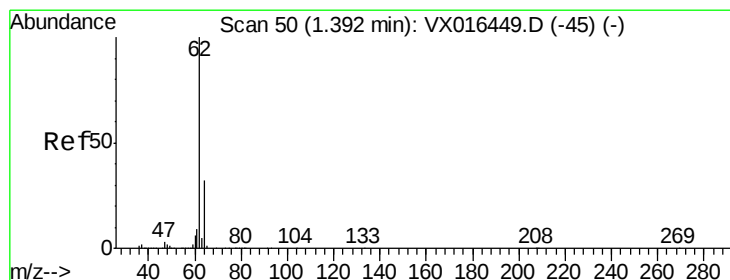
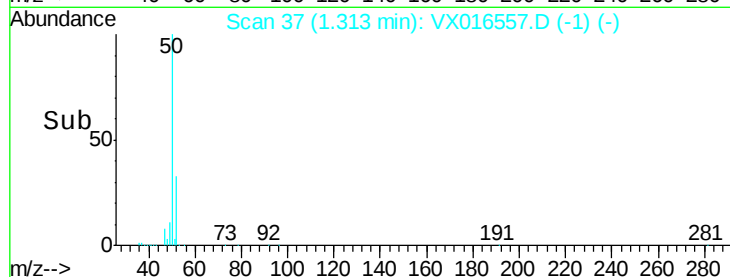
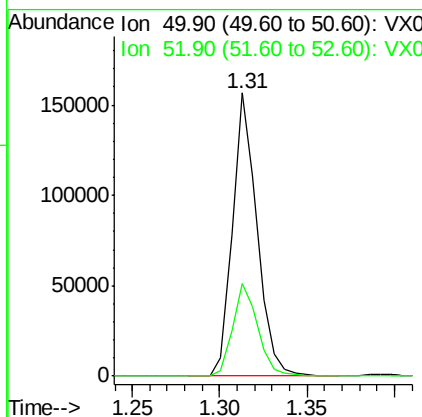
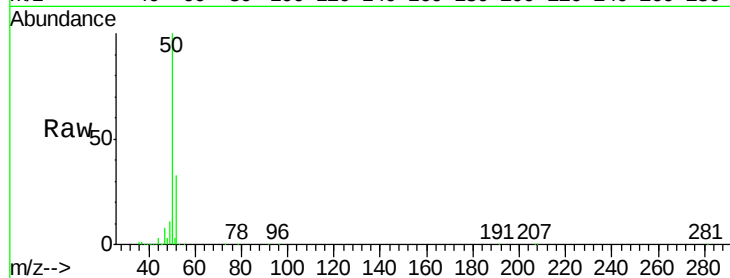
50 100

52 32.7 26.2 39.2

Manual Integrations
APPROVED

MMDadoda

6/4/2020 3:08:45 PM



#4

Vinyl Chloride

Concen: 48.396 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016557.D

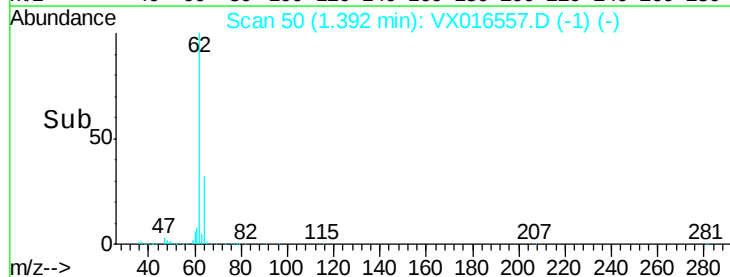
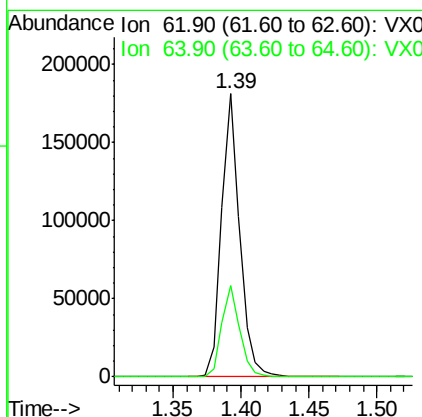
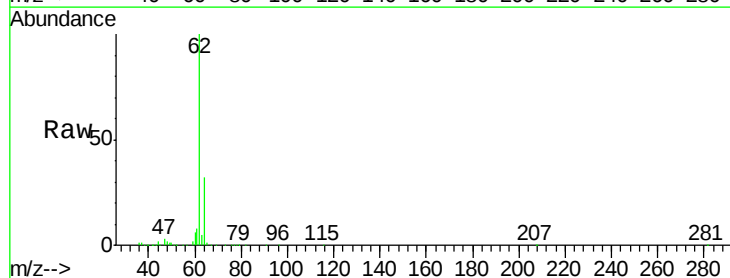
Acq: 03 Jun 2020 10:36

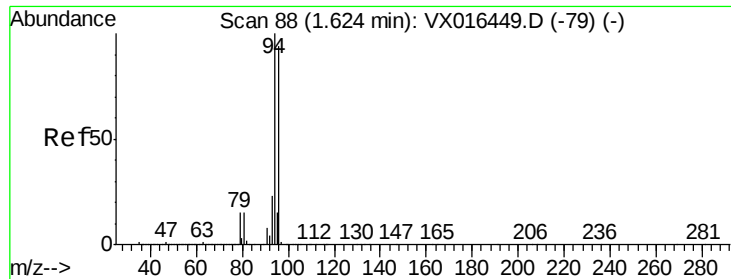
Tgt Ion: 62 Resp: 168597

Ion Ratio Lower Upper

62 100

64 32.4 25.9 38.9





#5

Bromomethane

Concen: 47.741 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 80866

Ion Ratio Lower Upper

94 100

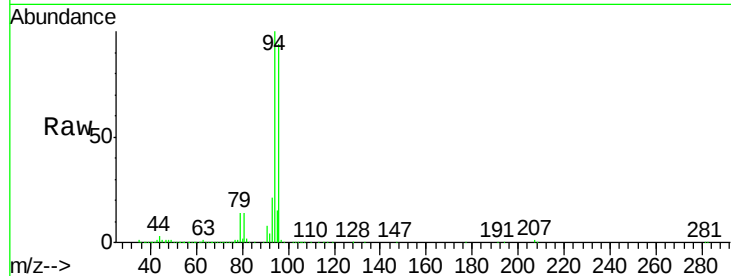
96 93.9 75.1 112.7

Manual Integrations

APPROVED

MMDadoda

6/4/2020 3:08:45 PM



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

80000

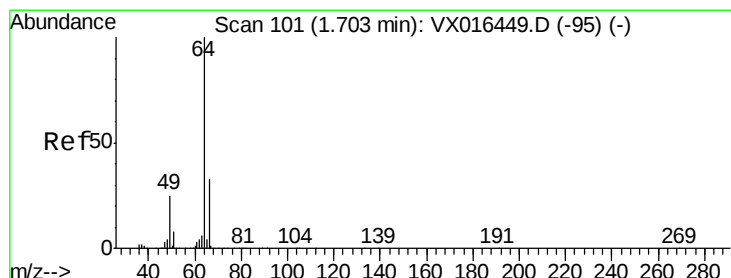
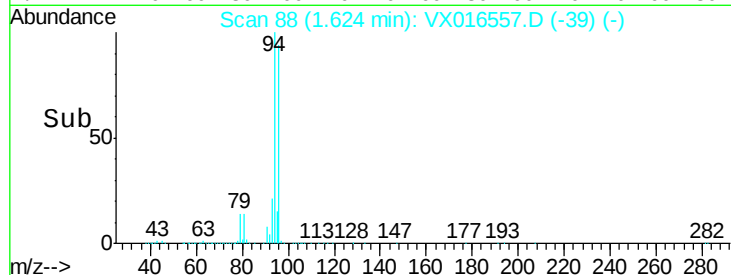
60000

40000

20000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 49.997 ug/l

RT: 1.70 min Scan# 101

Delta R.T. 0.00 min

Lab File: VX016557.D

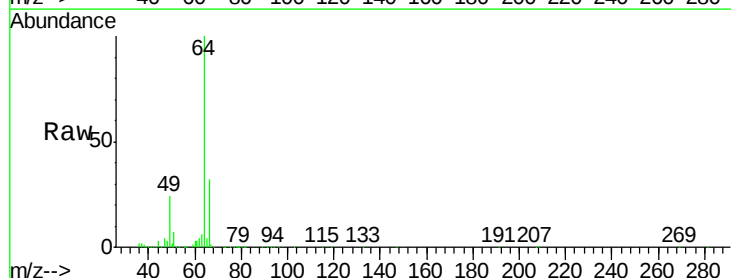
Acq: 03 Jun 2020 10:36

Tgt Ion: 64 Resp: 101601

Ion Ratio Lower Upper

64 100

66 31.7 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

80000

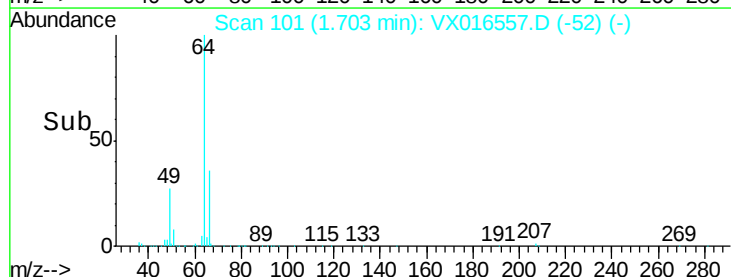
60000

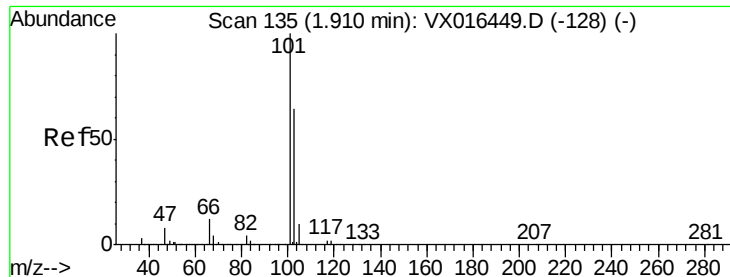
40000

20000

0

Time--> 1.60 1.65 1.70 1.75 1.80





#7

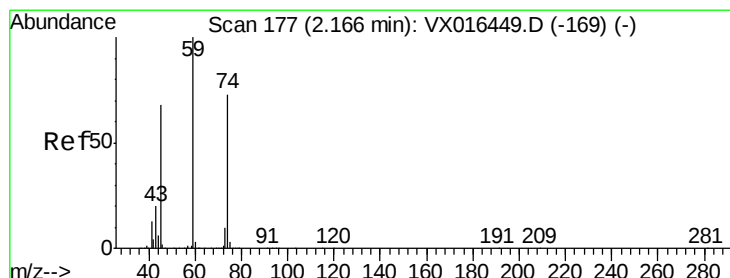
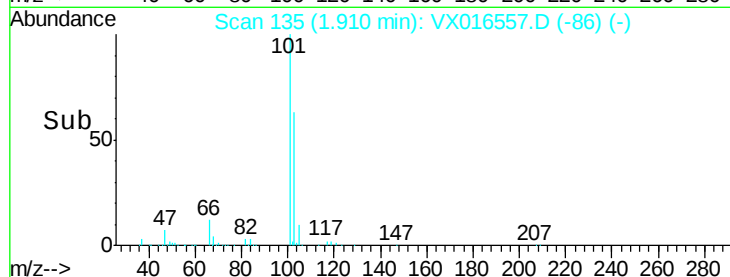
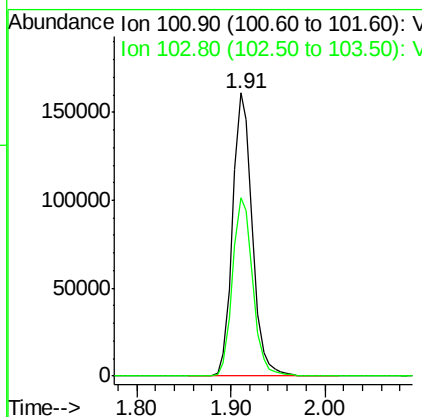
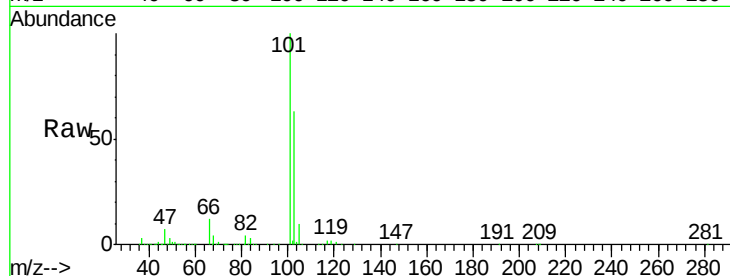
Trichlorofluoromethane
Concen: 50.902 ug/l
RT: 1.91 min Scan# 135
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.0	50.9	76.3

Manual Integrations
APPROVED

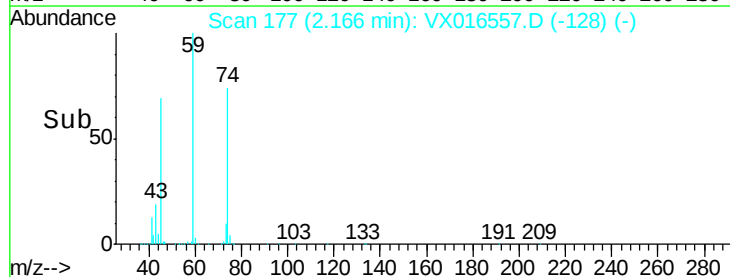
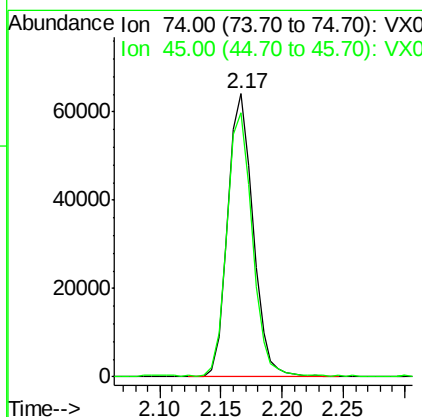
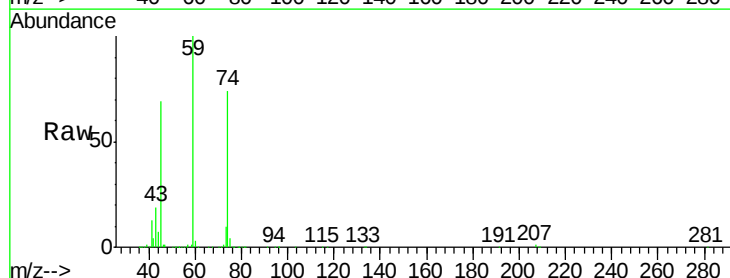
MMDadoda
6/4/2020 3:08:45 PM

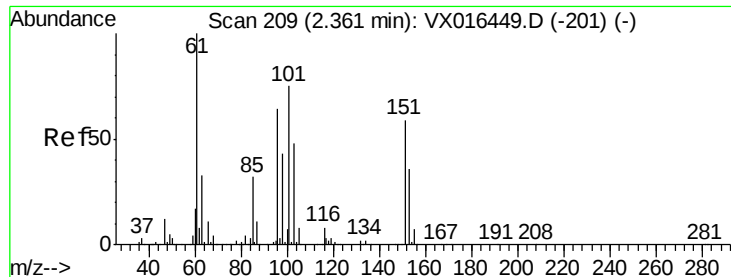


#8

Diethyl Ether
Concen: 48.118 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.3	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.645 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

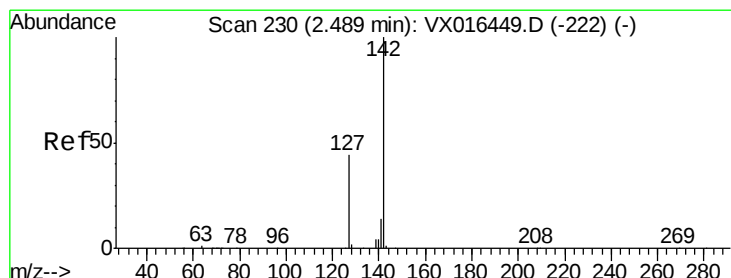
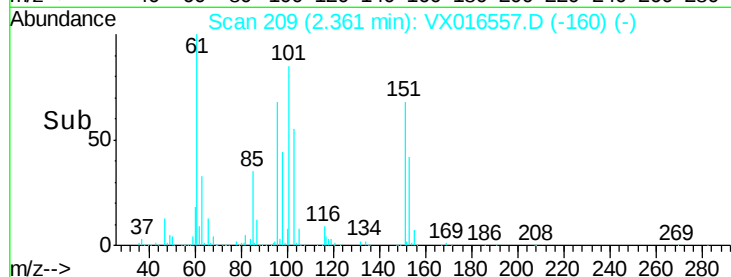
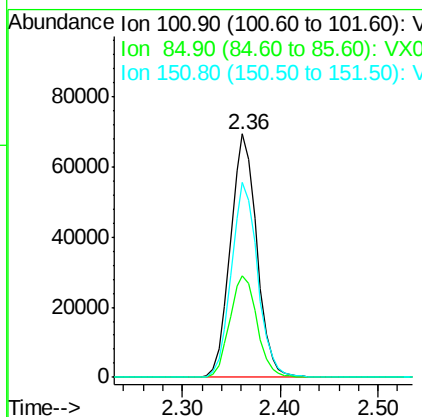
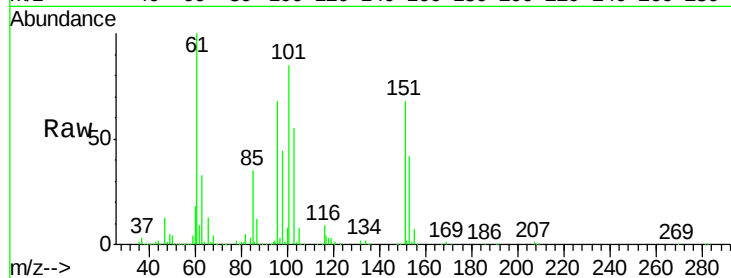
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	130042
Ion Ratio	Lower	Upper	
101	100		
85	43.3	34.4	51.6
151	79.9	63.8	95.6

Manual Integrations
APPROVED

MMDadoda
6/4/2020 3:08:45 PM



#10

Methyl Iodide

Concen: 48.367 ug/l

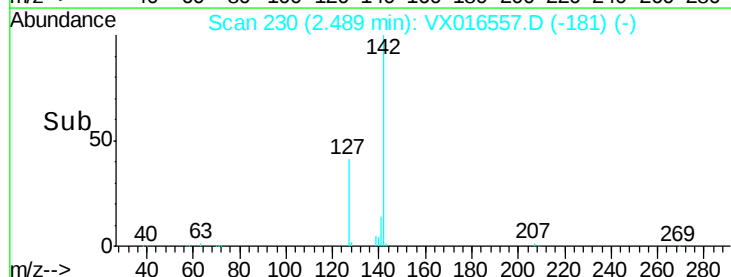
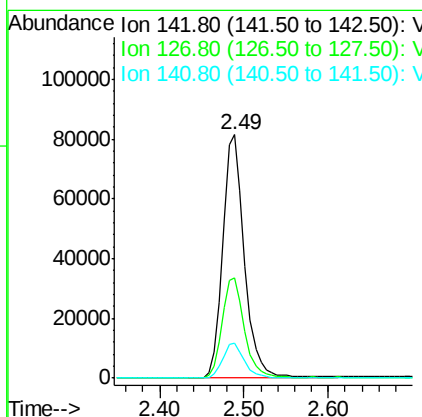
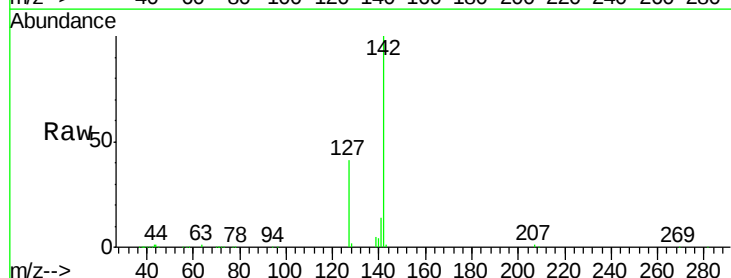
RT: 2.49 min Scan# 230

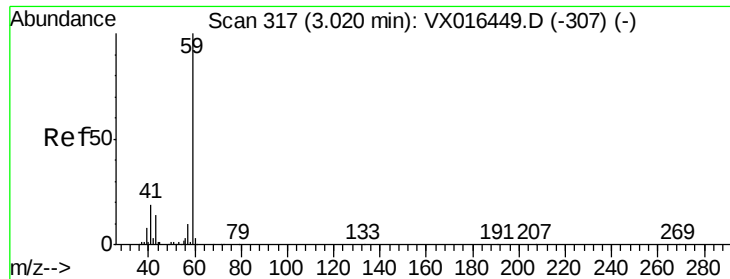
Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Tgt Ion:	142	Resp:	145183
Ion Ratio	Lower	Upper	
142	100		
127	42.3	35.3	52.9
141	14.4	11.4	17.2





#11

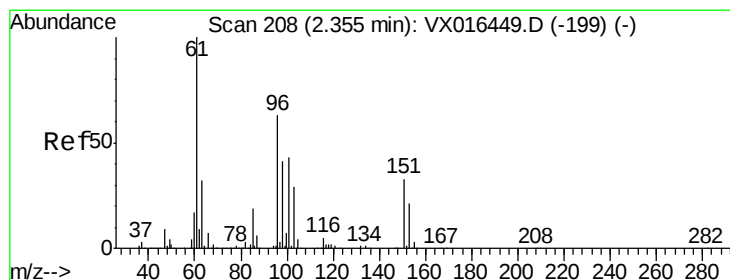
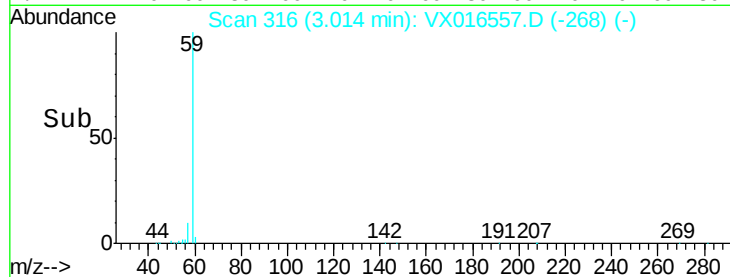
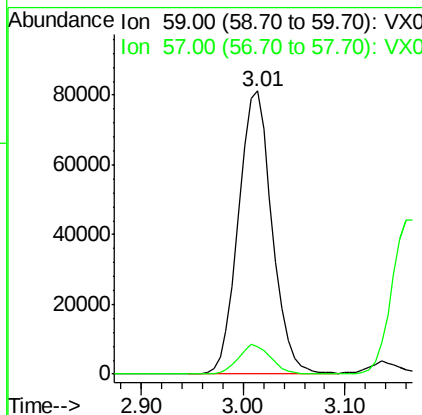
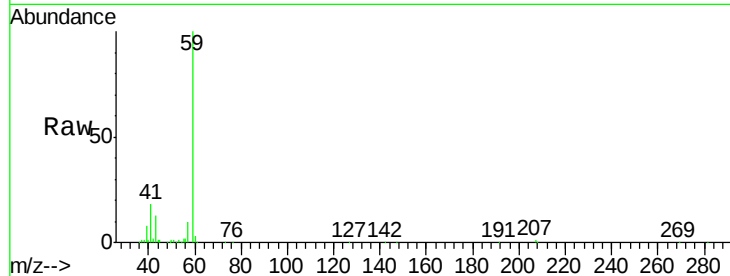
Tert butyl alcohol
Concen: 210.916 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4

Manual Integrations
APPROVED

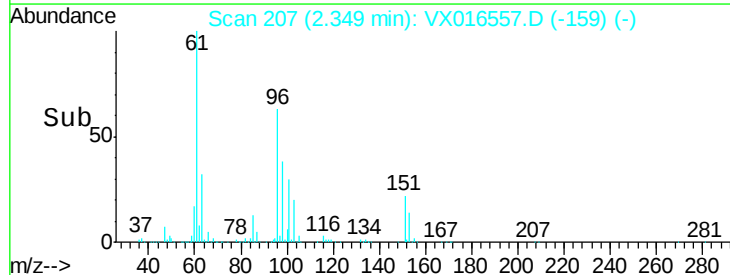
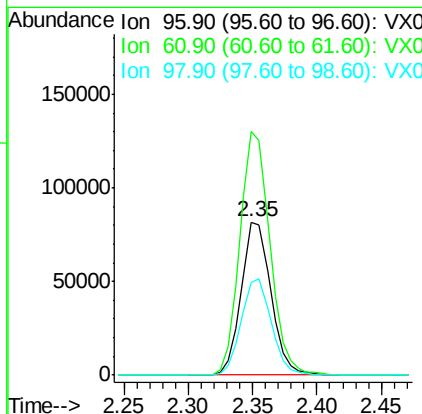
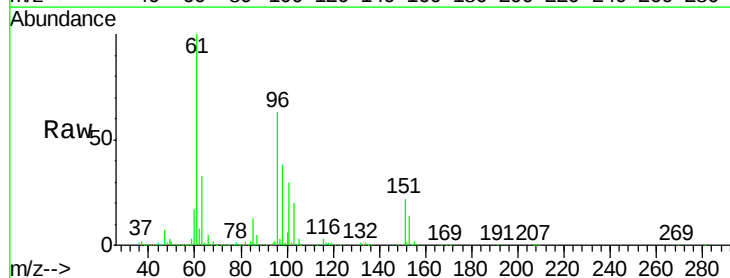
MMDadoda
6/4/2020 3:08:45 PM

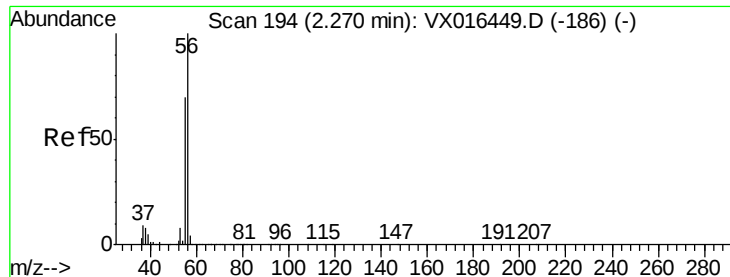


#12

1,1-Dichloroethene
Concen: 48.687 ug/l
RT: 2.35 min Scan# 207
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.5	126.6	189.8
98	60.9	51.3	76.9





#13

Acrolein

Concen: 256.626 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 96295

Ion Ratio Lower Upper

56 100

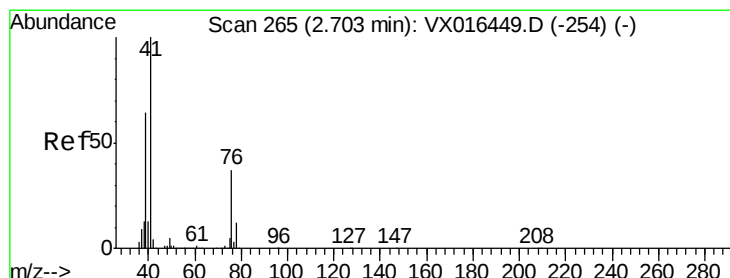
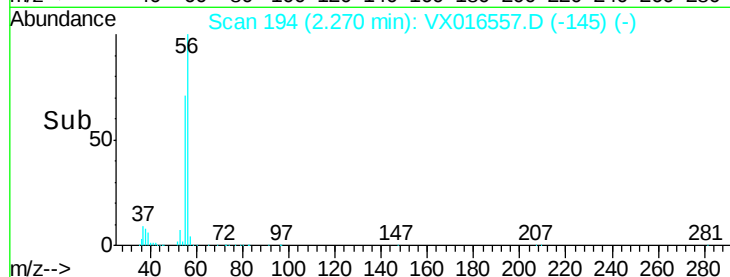
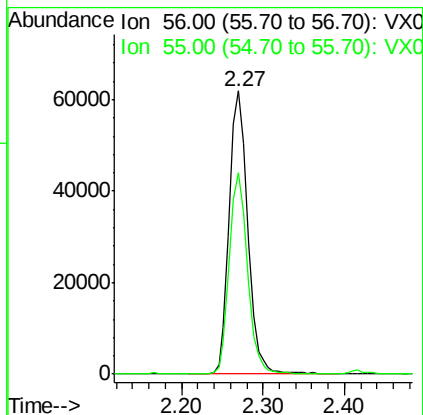
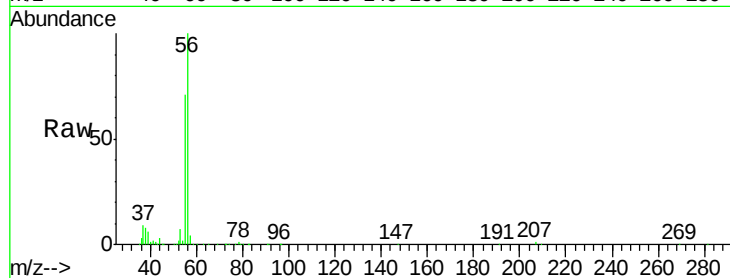
55 70.0 58.3 87.5

Manual Integrations

APPROVED

MMDadoda

6/4/2020 3:08:45 PM



#14

Allyl chloride

Concen: 47.013 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

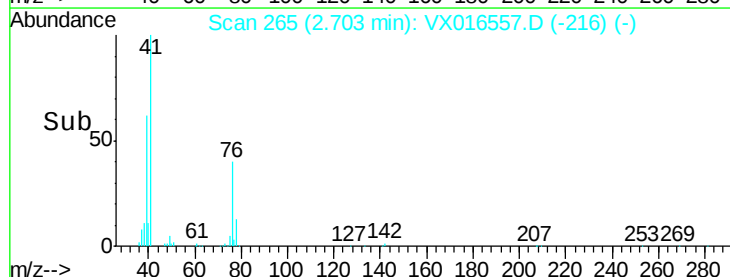
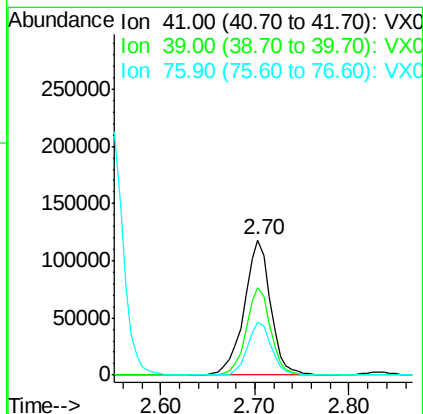
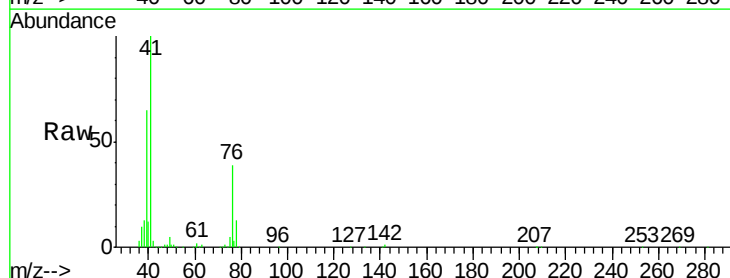
Tgt Ion: 41 Resp: 230442

Ion Ratio Lower Upper

41 100

39 59.7 47.7 71.5

76 35.1 26.6 40.0





#15

Acrylonitrile

Concen: 234.935 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

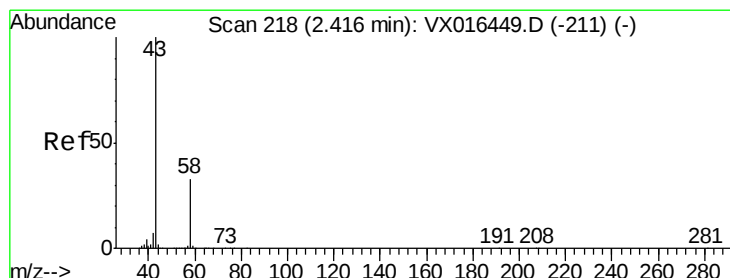
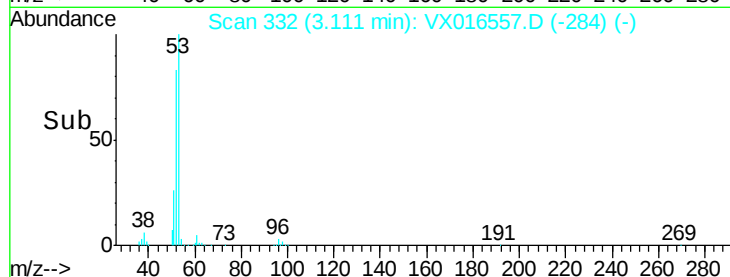
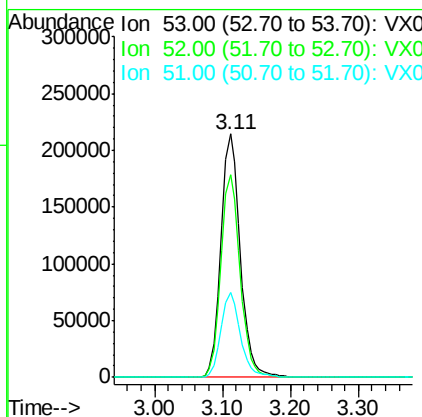
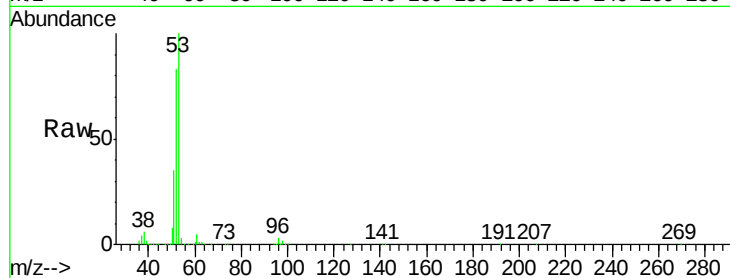
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	424511
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.7	100.1
51	35.3	28.6	43.0

Manual Integrations
APPROVED

MMDadoda
6/4/2020 3:08:45 PM



#16

Acetone

Concen: 234.456 ug/l

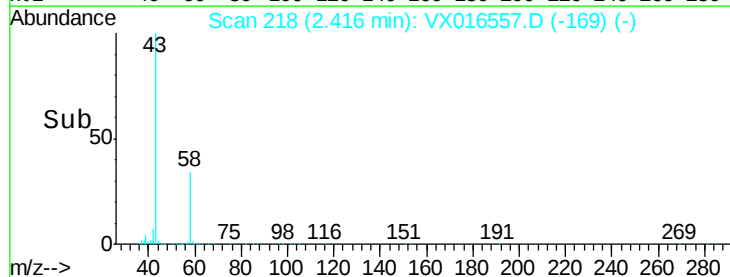
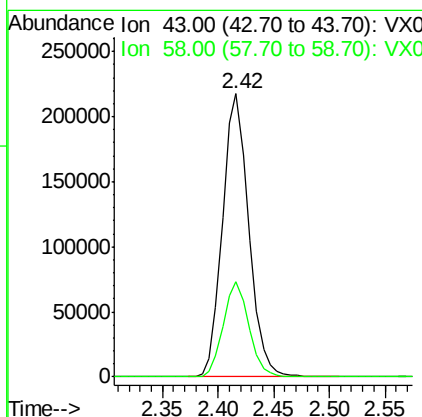
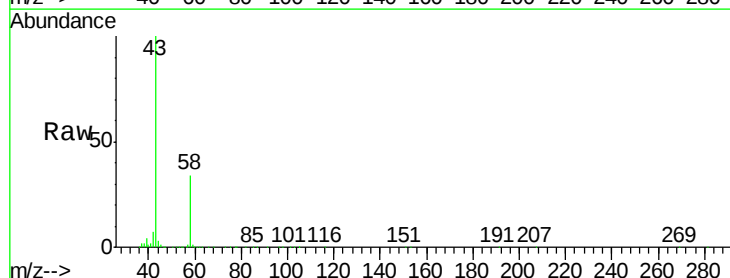
RT: 2.42 min Scan# 218

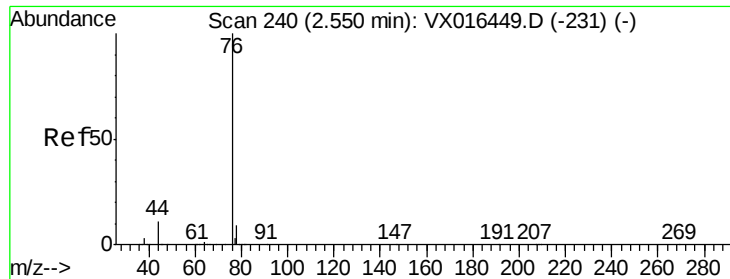
Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Tgt Ion:	43	Resp:	353350
Ion Ratio	Lower	Upper	
43	100		
58	33.6	26.1	39.1





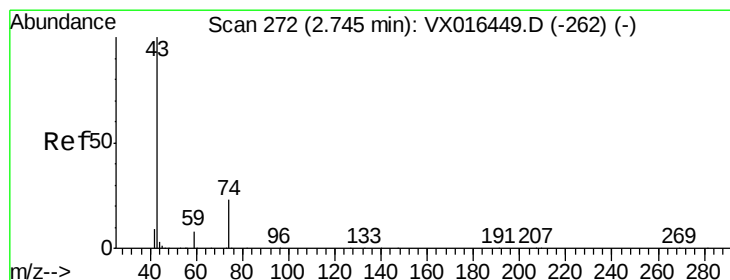
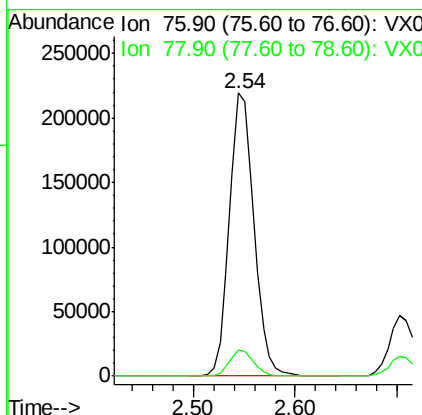
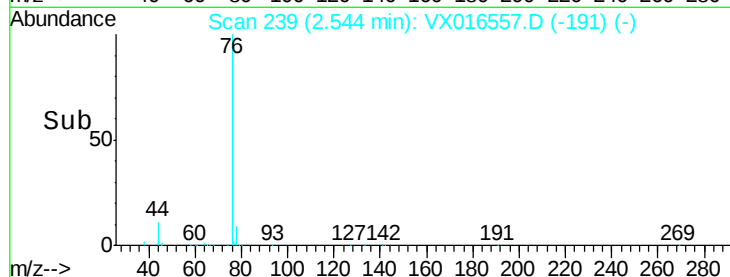
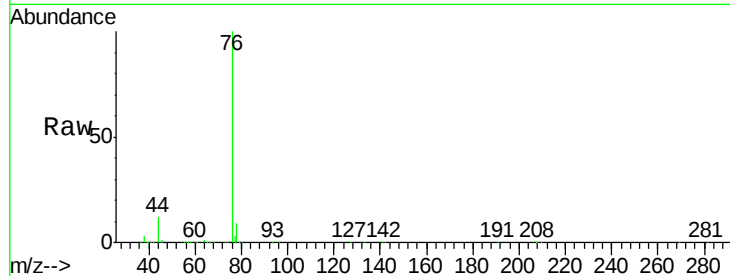
#17
Carbon Disulfide
Concen: 46.148 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.0

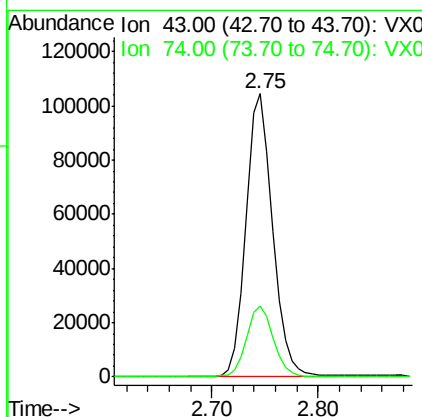
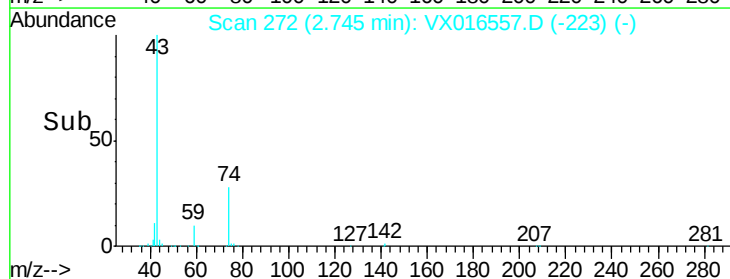
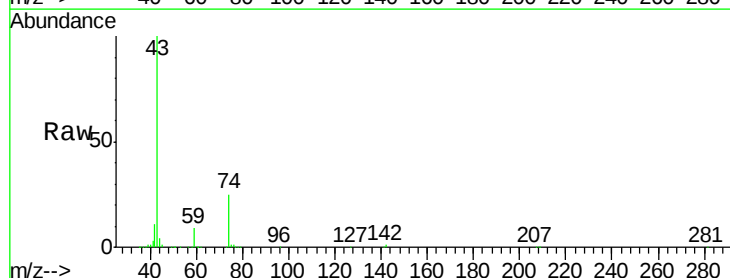
Manual Integrations
APPROVED

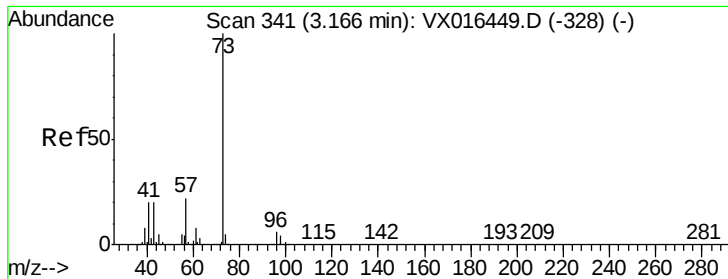
MMDadoda
6/4/2020 3:08:45 PM



#18
Methyl Acetate
Concen: 47.470 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.7	19.7	29.5





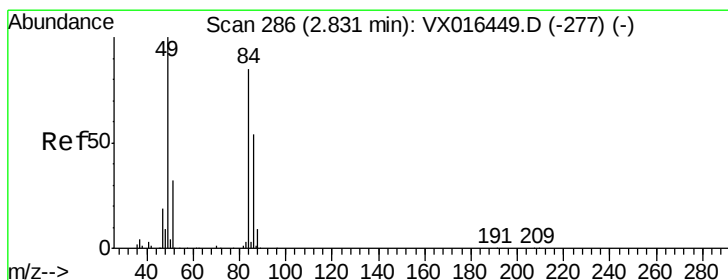
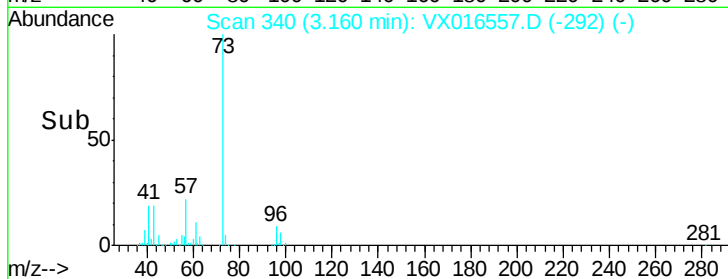
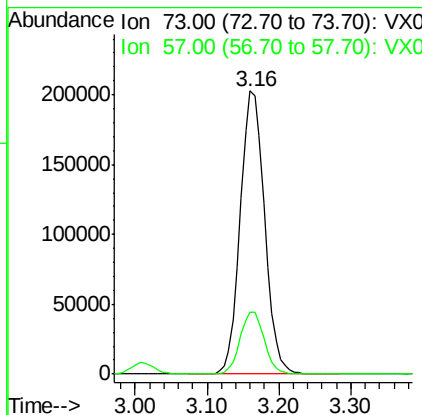
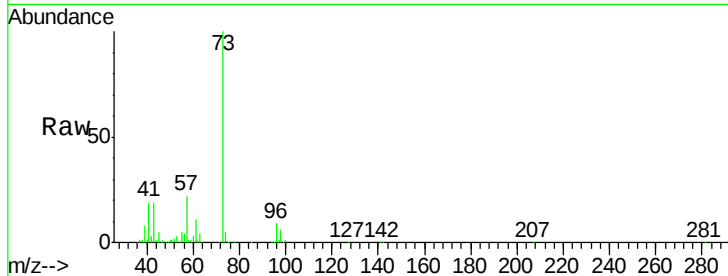
#19
Methvl tert-butvl Ether
Concen: 49.706 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.8	26.6

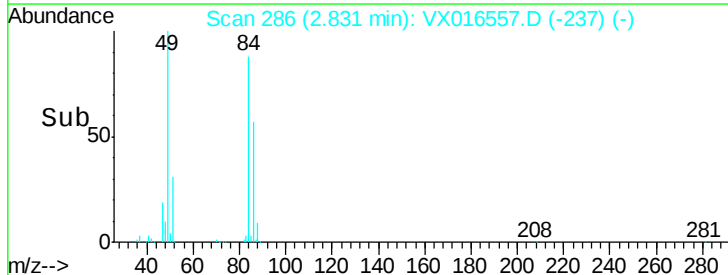
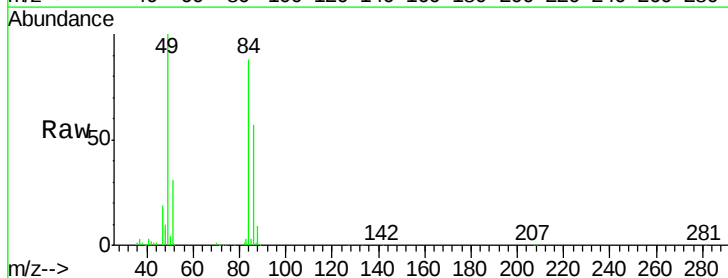
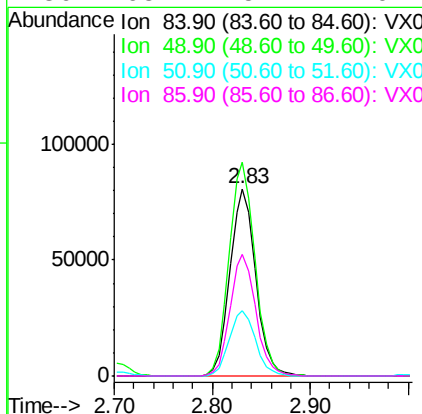
Manual Integrations
APPROVED

MMDadoda
6/4/2020 3:08:45 PM



#20
Methylene Chloride
Concen: 47.338 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tgt Ion	Ratio	Lower	Upper
84	100		
49	114.0	94.5	141.7
51	35.2	30.2	45.4
86	65.2	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 48.228 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

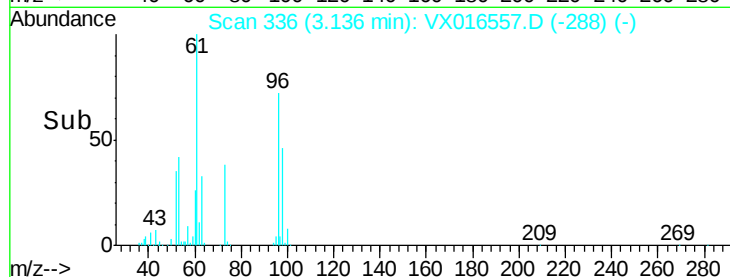
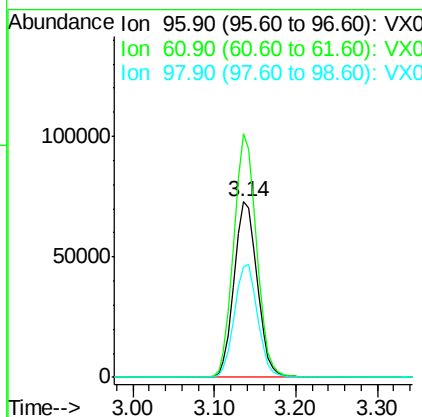
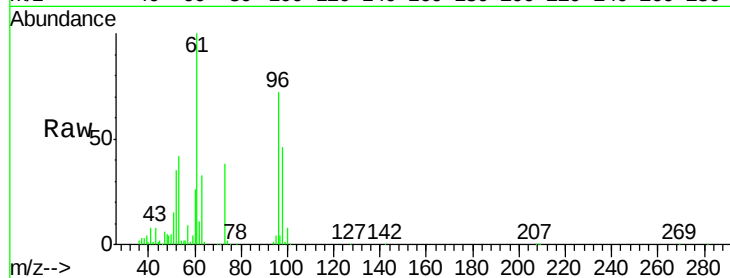
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	142180
Ion	Ratio	Lower	Upper
96	100		
61	138.7	115.3	172.9
98	63.2	51.9	77.9

Manual Integrations
APPROVED

MMDadoda
6/4/2020 3:08:45 PM



#22

Diisopropyl ether

Concen: 47.313 ug/l

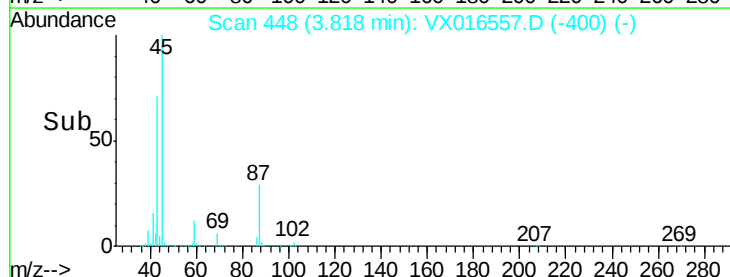
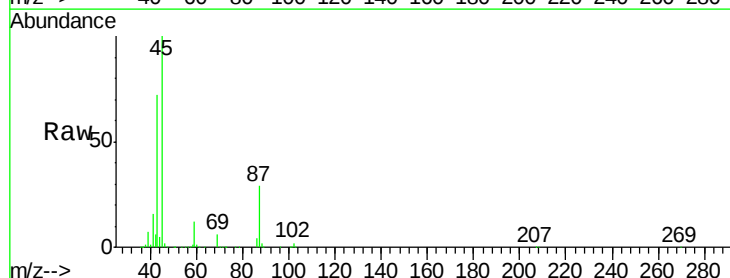
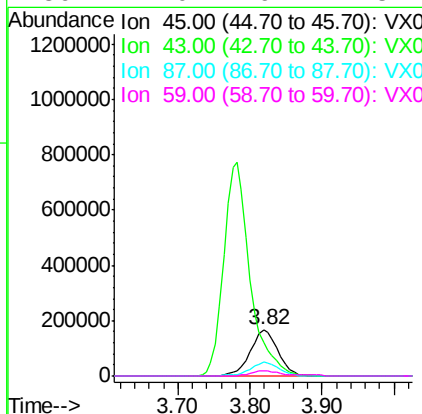
RT: 3.82 min Scan# 448

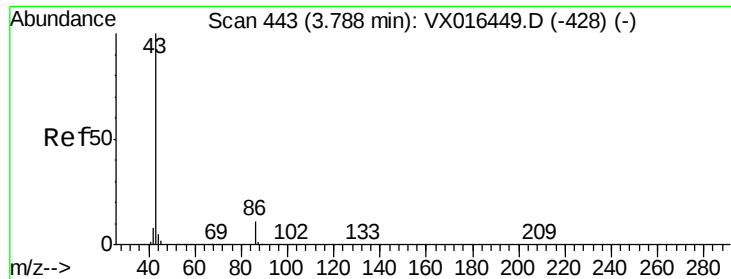
Delta R.T. -0.01 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Tgt Ion:	45	Resp:	445509
Ion	Ratio	Lower	Upper
45	100		
43	71.4	57.0	85.6
87	29.2	22.5	33.7
59	12.0	9.1	13.7





#23

Vinyl Acetate

Concen: 238.870 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1968769

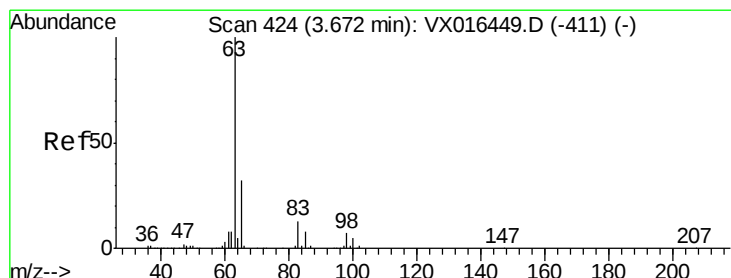
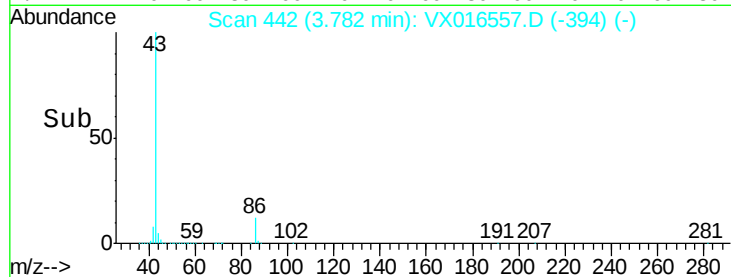
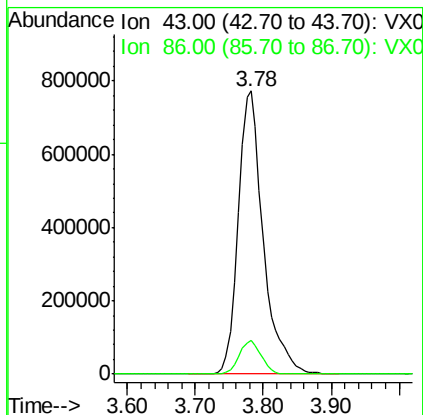
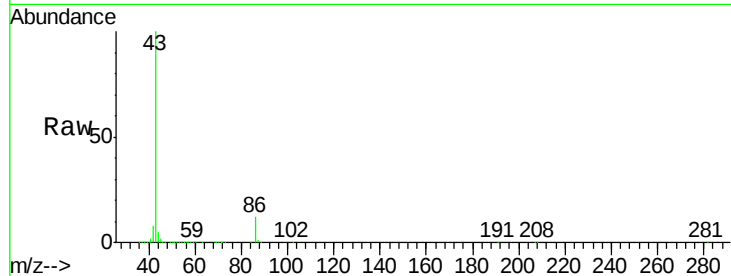
Ion Ratio Lower Upper

43 100

86 11.8 8.6 13.0

Manual Integrations
APPROVED

MMDadoda
6/4/2020 3:08:45 PM



#24

1,1-Dichloroethane

Concen: 48.434 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

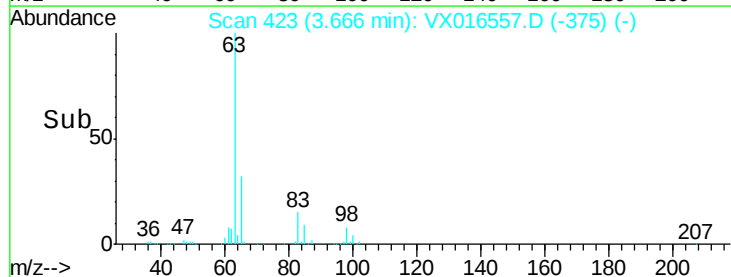
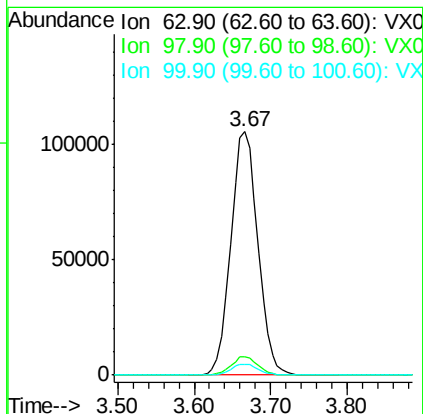
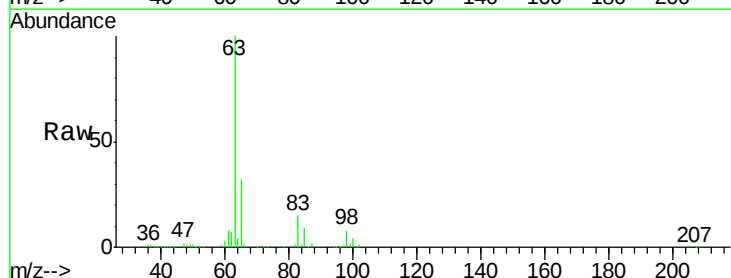
Tgt Ion: 63 Resp: 257407

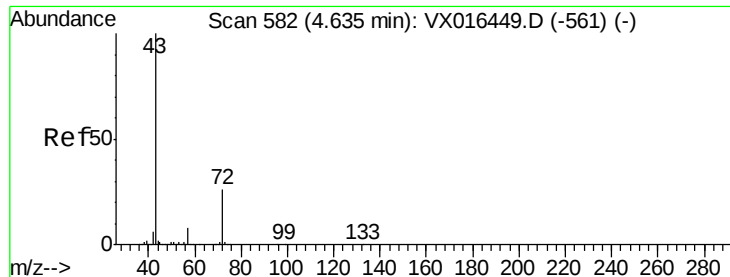
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.9

100 4.4 2.4 7.1





#25

2-Butanone

Concen: 224.829 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 574154

Ion Ratio Lower Upper

43 100

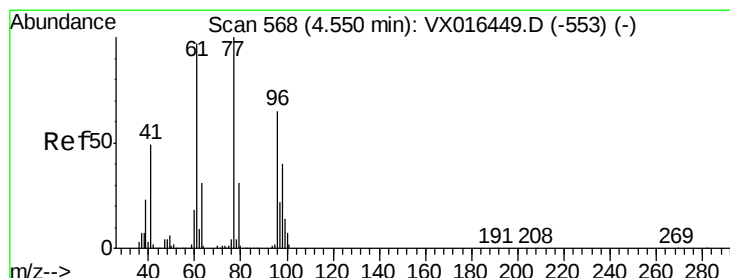
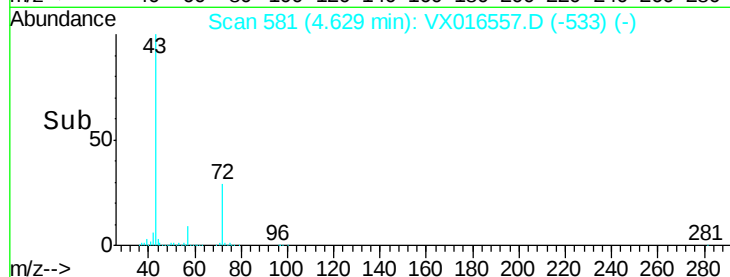
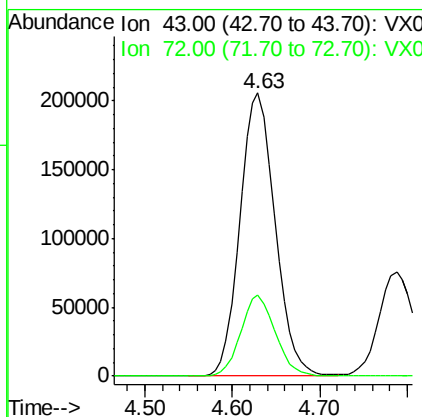
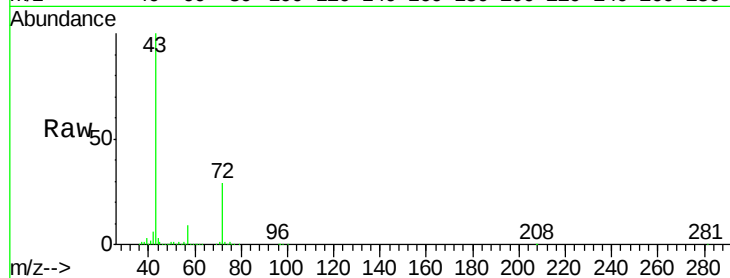
72 28.5 21.0 31.6

Manual Integrations

APPROVED

MMDadoda

6/4/2020 3:08:45 PM



#26

2,2-Dichloropropane

Concen: 54.746 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016557.D

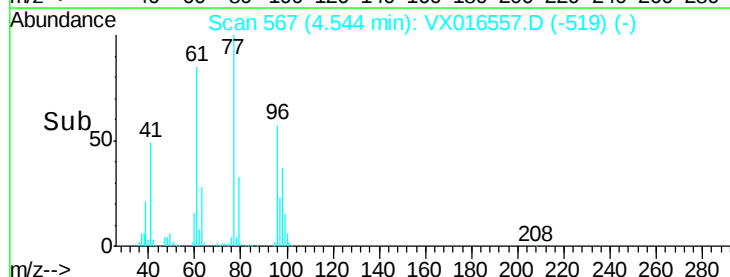
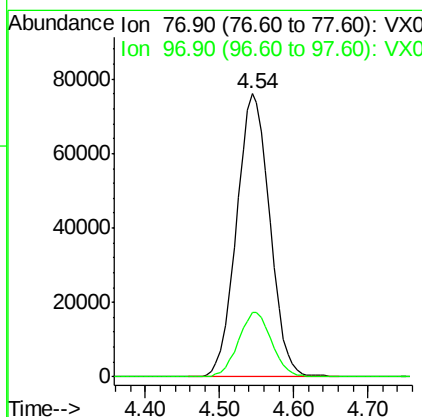
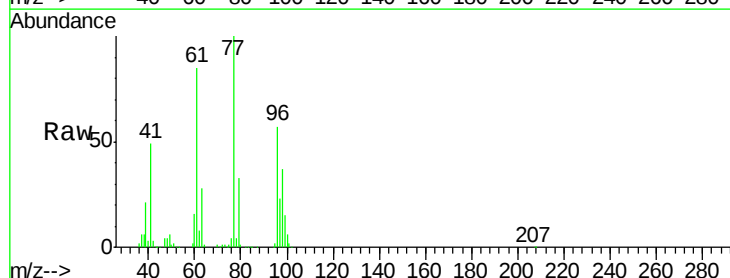
Acq: 03 Jun 2020 10:36

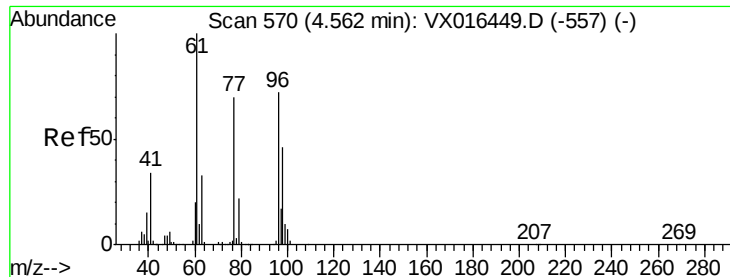
Tgt Ion: 77 Resp: 238084

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.4





#27

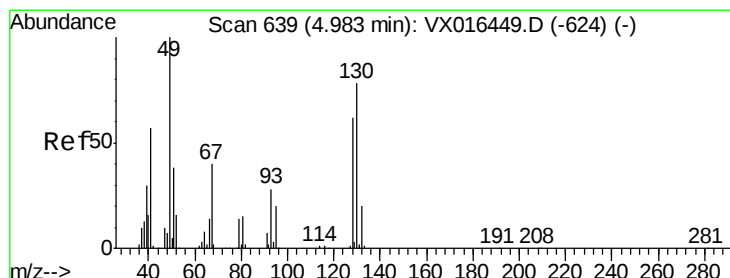
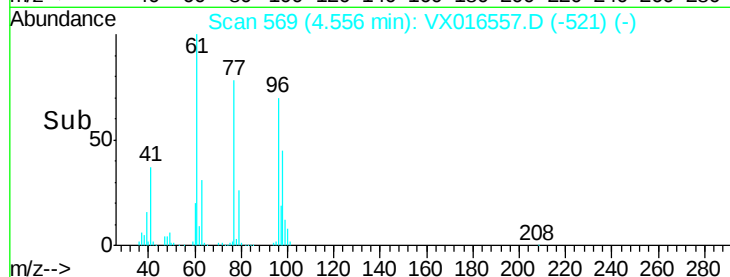
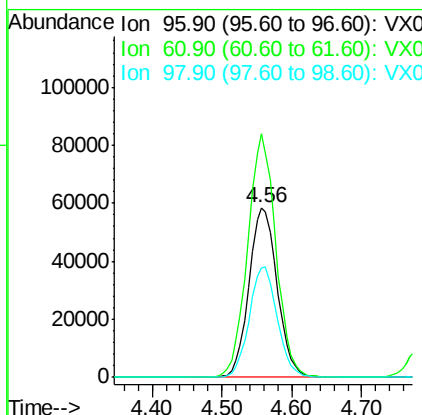
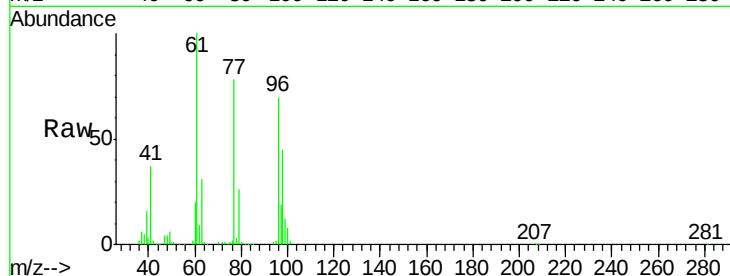
cis-1,2-Dichloroethene
Concen: 48.070 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	163947		
61	143.2	0.0	284.6	
98	64.4	0.0	127.2	

Manual Integrations
APPROVED

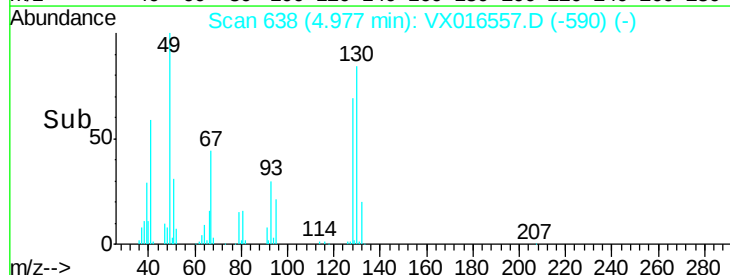
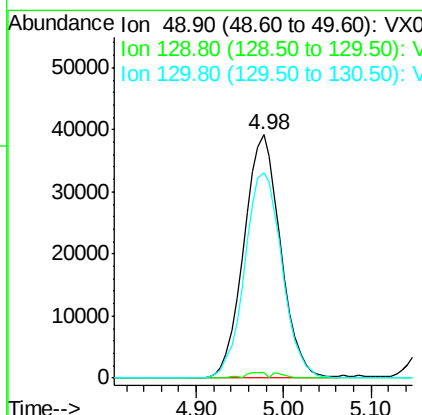
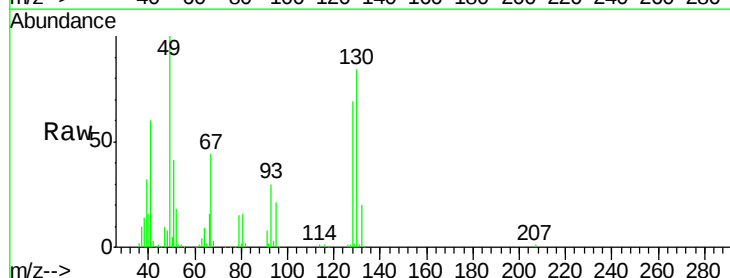
MMDadoda
6/4/2020 3:08:45 PM



#28

Bromochloromethane
Concen: 46.434 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	114680		
129	1.2	0.0	4.0	
130	86.1	63.0	94.4	





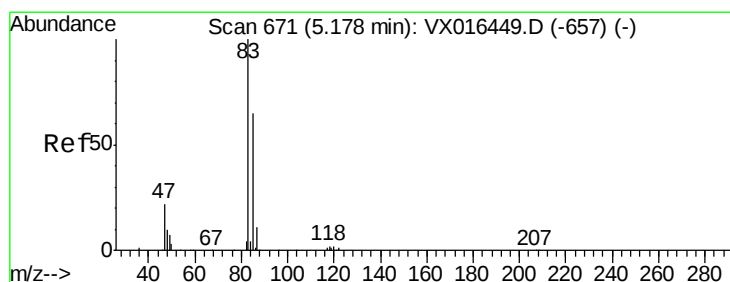
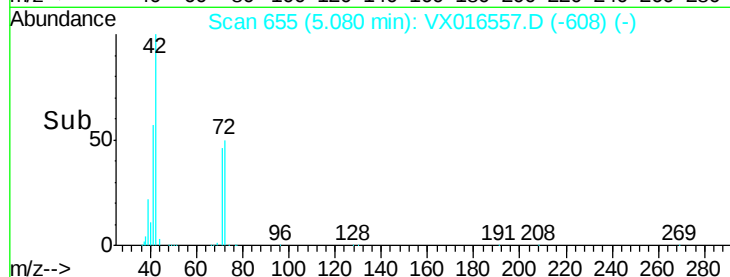
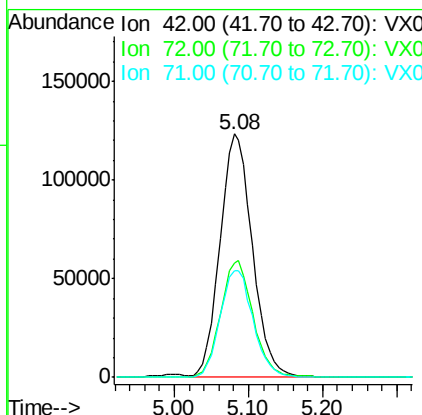
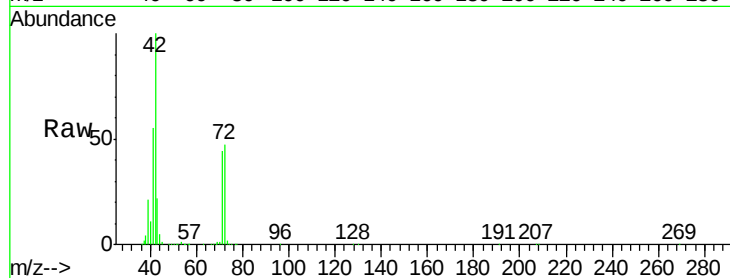
#29
Tetrahydrofuran
Concen: 225.312 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	42	Resp:	371727
Ion	Ratio	Lower	Upper
42	100		
72	48.7	37.0	55.4
71	45.1	34.1	51.1

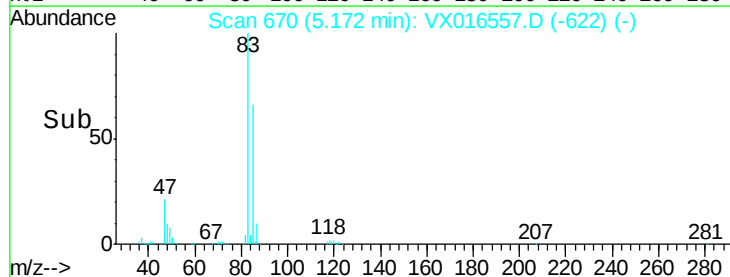
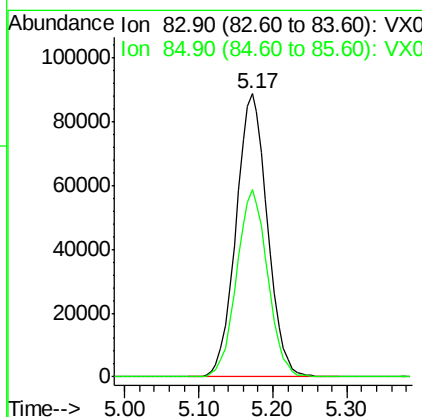
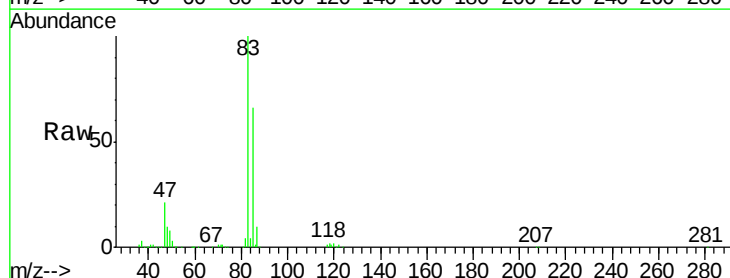
Manual Integrations
APPROVED

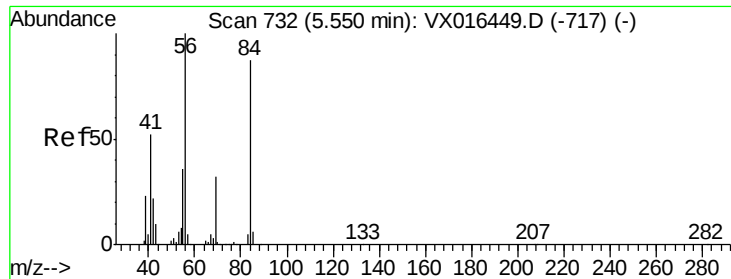
MMDadoda
6/4/2020 3:08:45 PM



#30
Chloroform
Concen: 48.934 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tgt Ion:	83	Resp:	262043
Ion	Ratio	Lower	Upper
83	100		
85	66.3	52.0	78.0





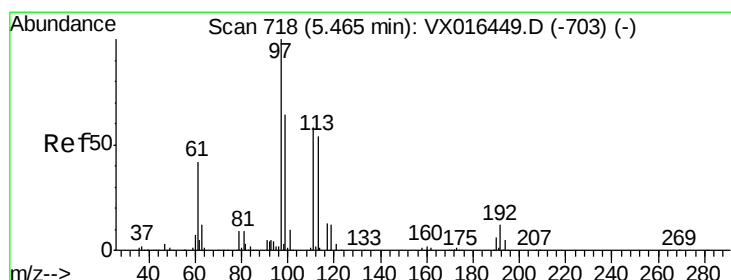
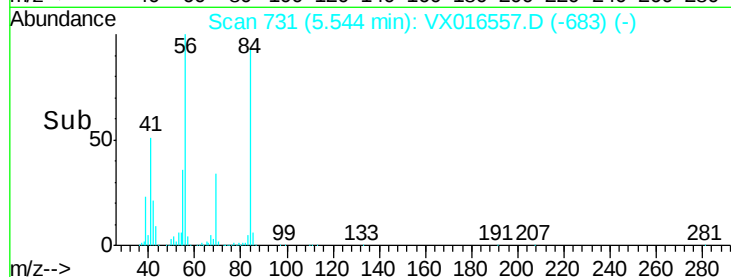
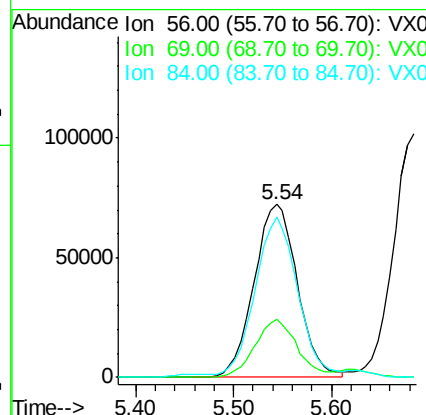
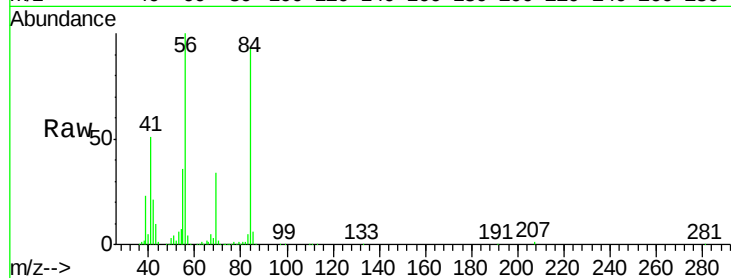
#31
Cyclohexane
Concen: 46.635 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.8	25.7	38.5
84	90.9	70.0	105.0

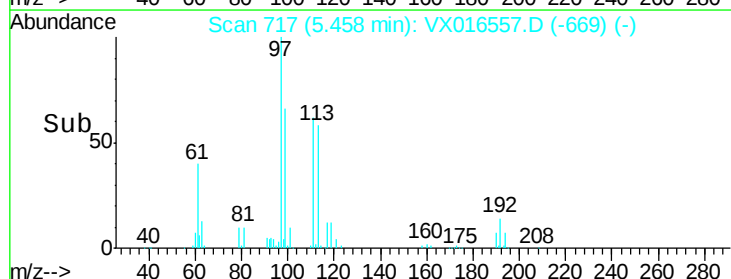
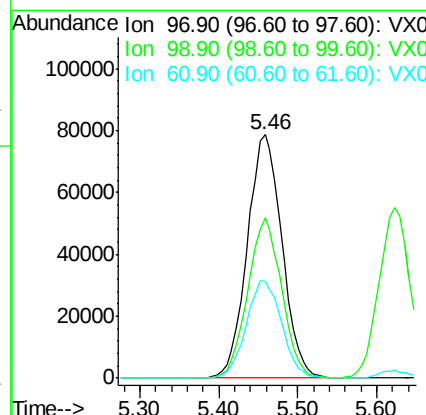
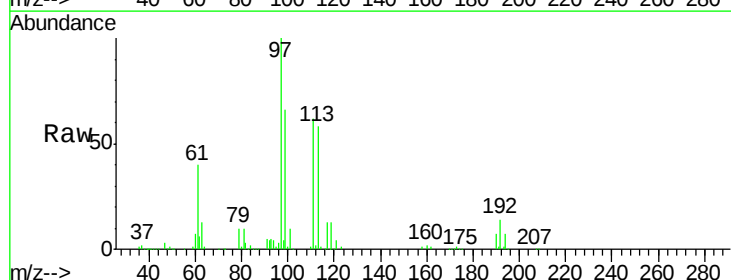
Manual Integrations
APPROVED

MMDadoda
6/4/2020 3:08:45 PM



#32
1,1,1-Trichloroethane
Concen: 49.584 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.4	77.2
61	40.6	33.5	50.3





#33

1,2-Dichloroethane-d4

Concen: 49.662 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 170832

Ion Ratio Lower Upper

65 100

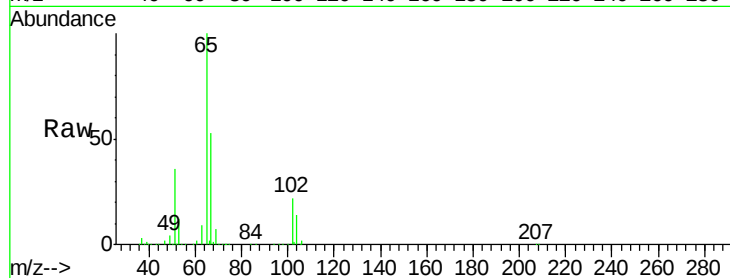
67 52.5 0.0 104.8

Manual Integrations

APPROVED

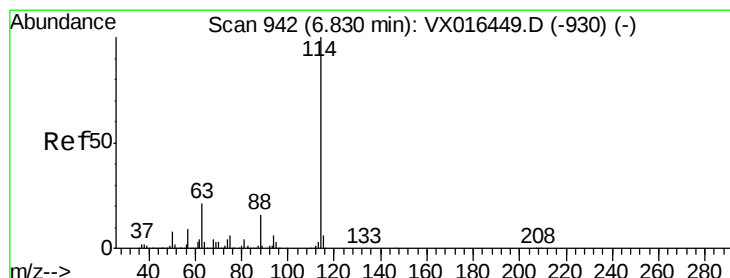
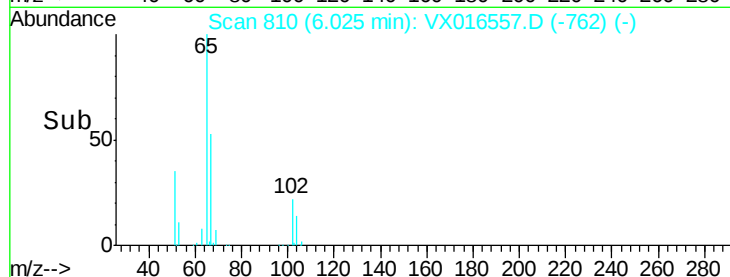
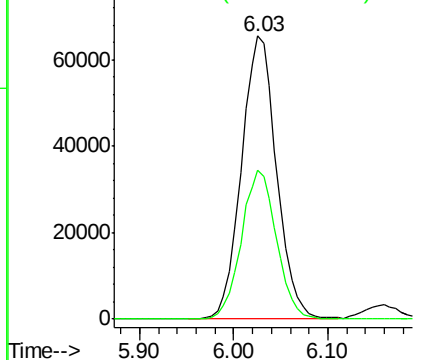
MMDadoda

6/4/2020 3:08:45 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: 6.82 min Scan# 941

Delta R.T. -0.01 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

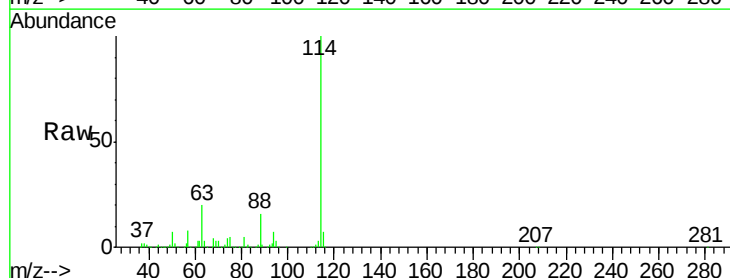
Tgt Ion: 114 Resp: 421816

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

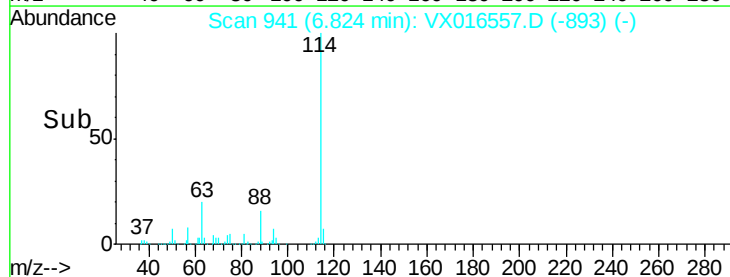
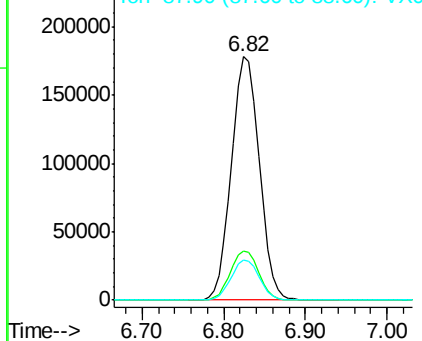
88 16.3 0.0 32.8

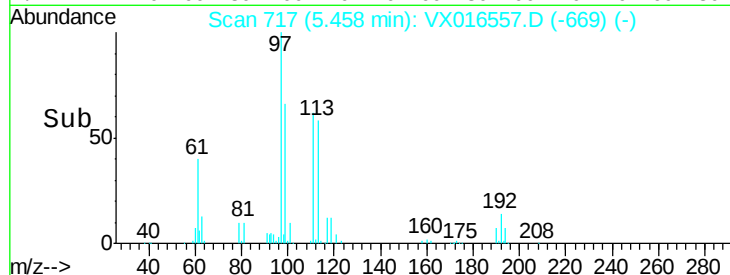
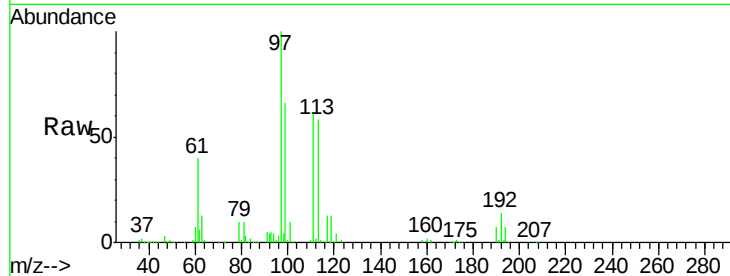


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





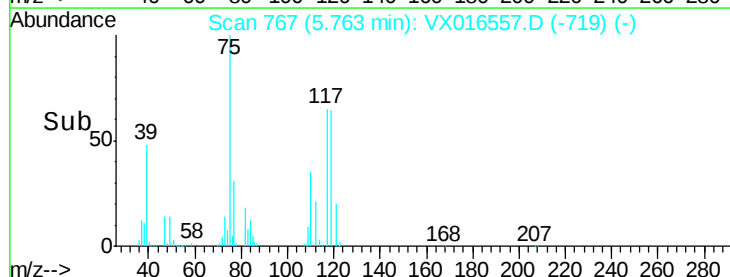
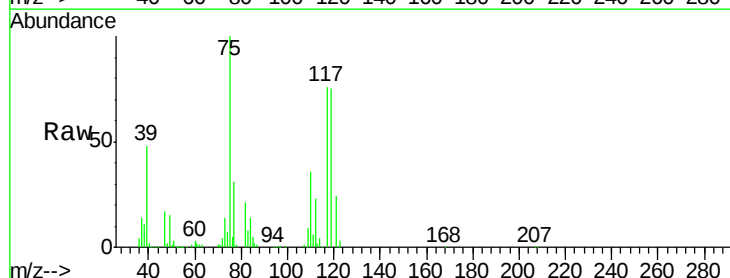
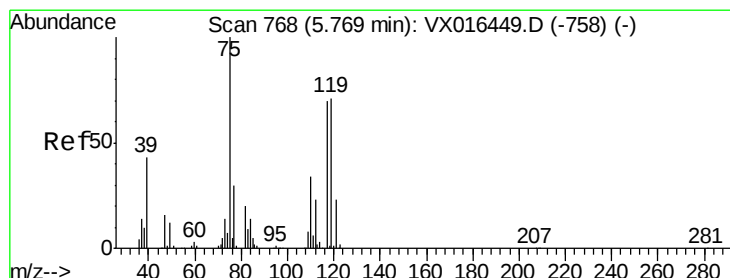
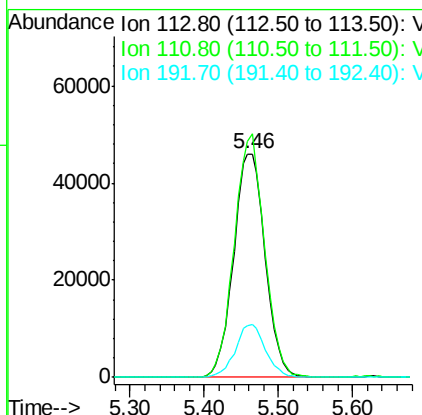
#35
Dibromofluoromethane
Concen: 52.636 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tot Ion	Ratio	Resp	Lower	Upper
113	100	136711		
111	104.5	83.0	124.6	
192	22.6	17.7	26.5	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

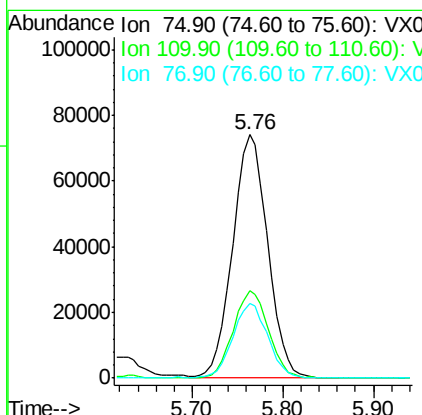
Manual Integrations
APPROVED

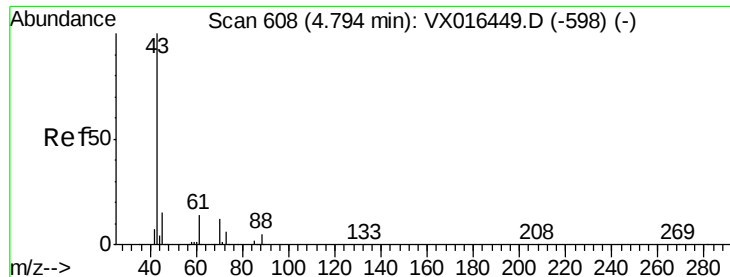
MMDadoda
6/4/2020 3:08:45 PM



#36
1,1-Dichloropropene
Concen: 49.662 ug/l
RT: 5.76 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	198339		
110	36.1	17.4	52.3	
77	30.8	24.2	36.4	





#37

Ethyl Acetate

Concen: 45.656 ug/l

RT: 4.79 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

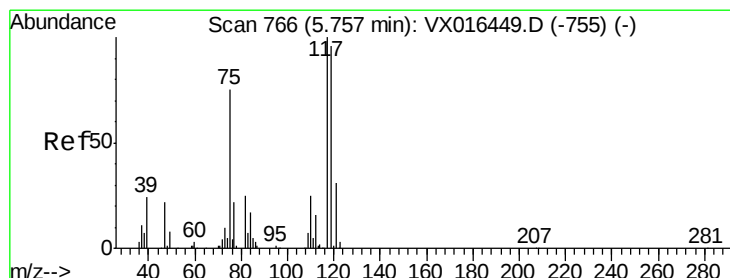
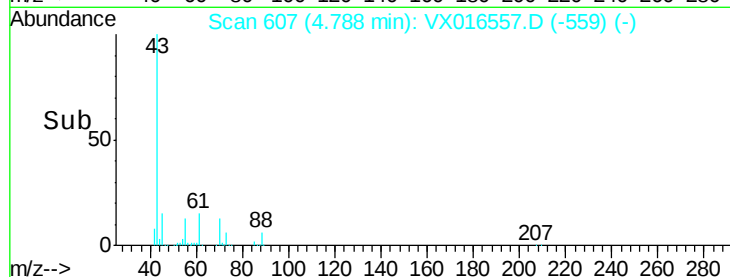
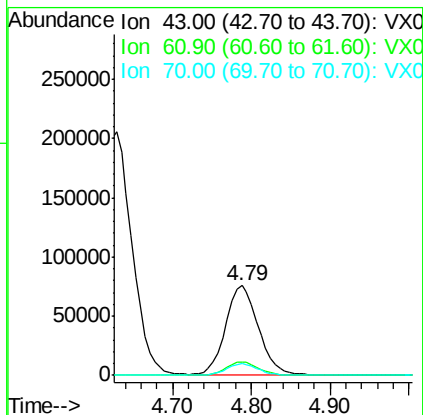
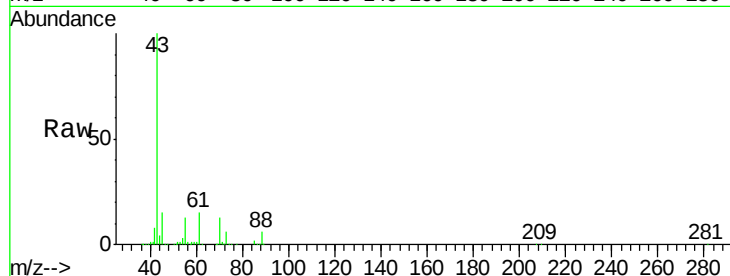
ClientSampled :

VSTDCCC050

Tot Ion:	43	Resp:	218917
Ion	Ratio	Lower	Upper
43	100		
61	14.6	11.3	16.9
70	12.6	9.3	13.9

Manual Integrations
APPROVED

MMDadoda
6/4/2020 3:08:45 PM



#38

Carbon Tetrachloride

Concen: 51.156 ug/l

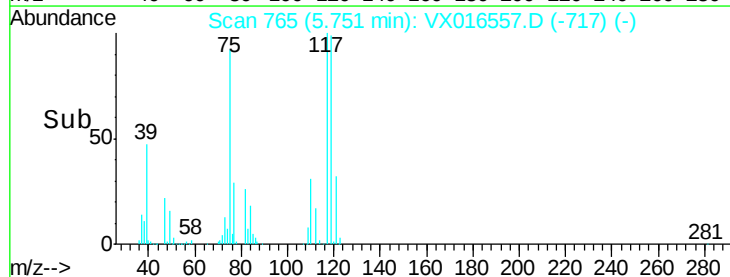
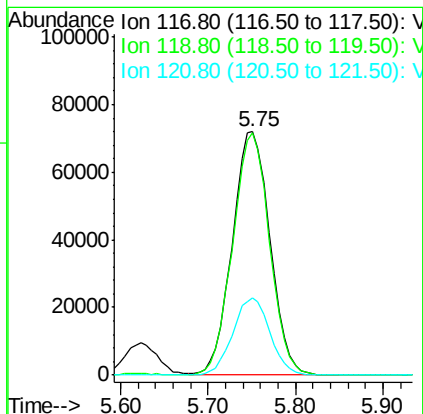
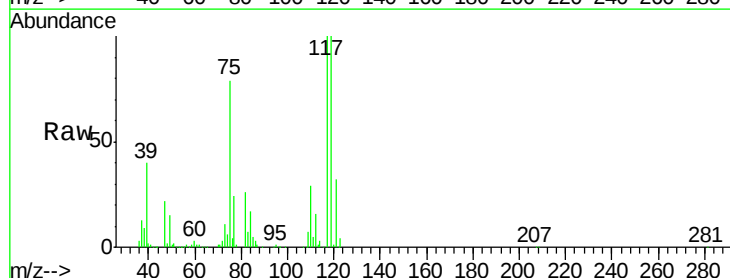
RT: 5.75 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Tgt Ion:	117	Resp:	214707
Ion	Ratio	Lower	Upper
117	100		
119	99.7	76.3	114.5
121	31.9	24.6	37.0





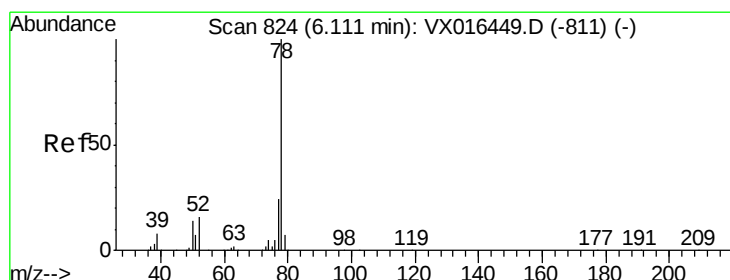
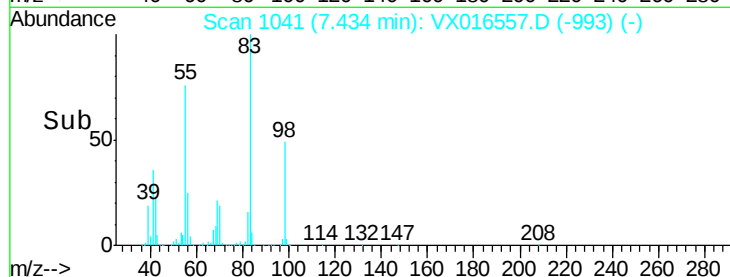
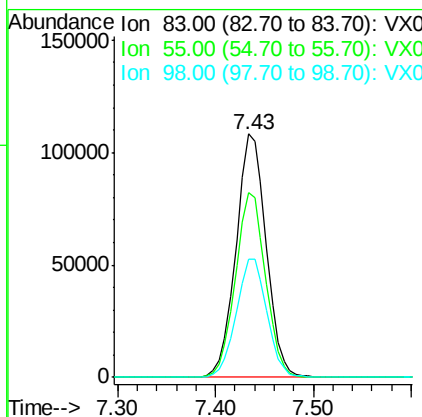
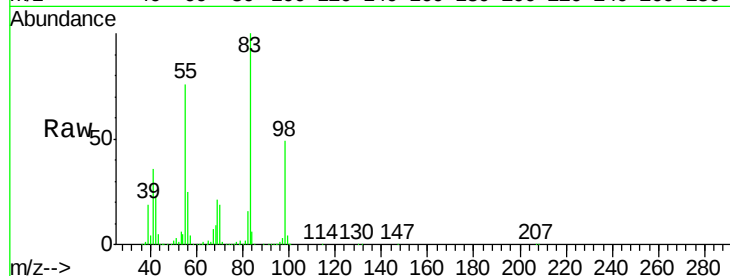
#39
Methvlcvclohexane
Concen: 53.472 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.9	61.7	92.5
98	48.7	38.7	58.1

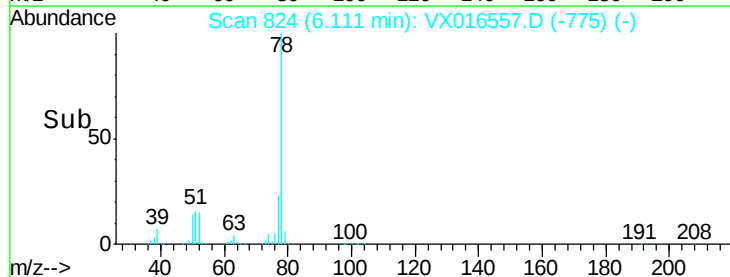
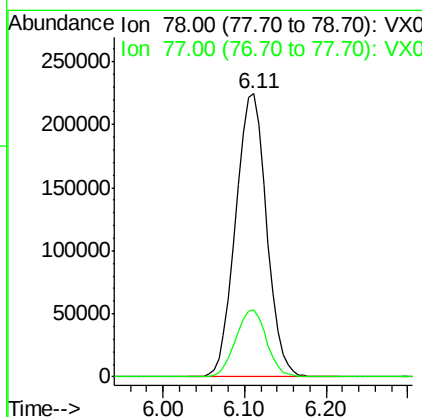
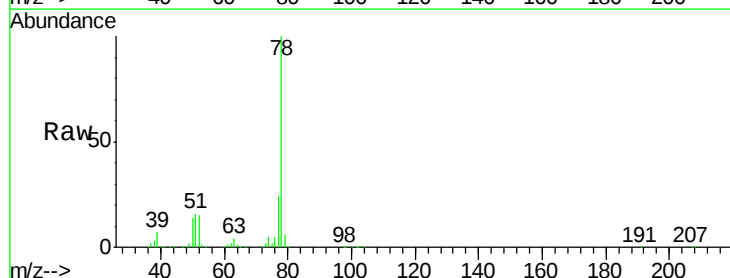
Manual Integrations
APPROVED

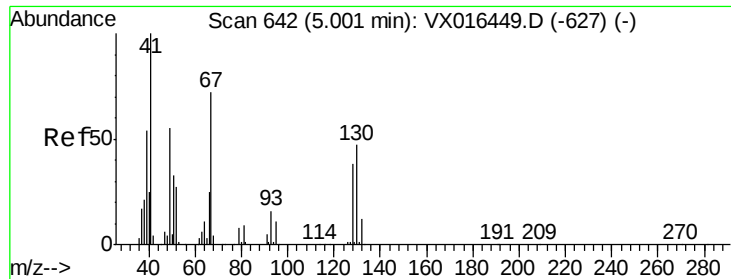
MMDadoda
6/4/2020 3:08:45 PM



#40
Benzene
Concen: 49.682 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.9	28.3





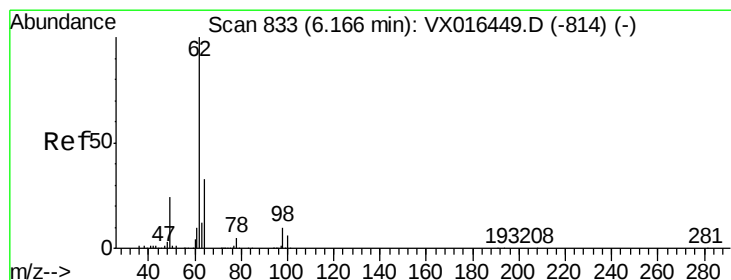
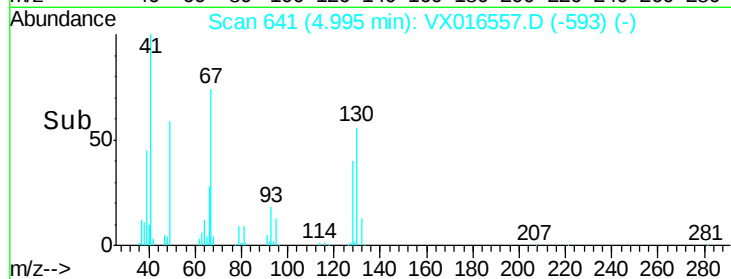
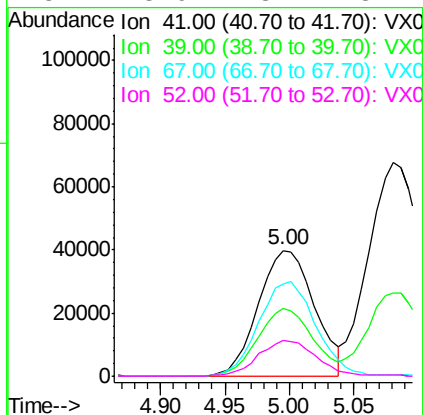
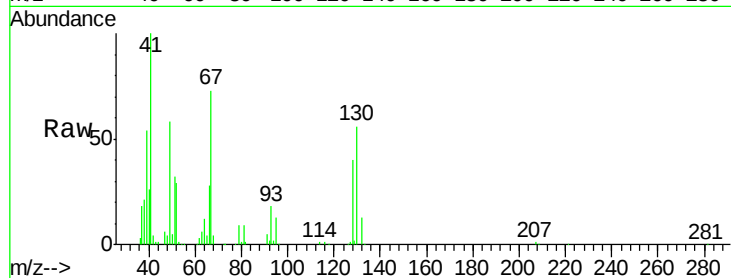
#41
Methacrylonitrile
Concen: 45.613 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		120135		
39	52.8	43.0	64.4		
67	77.0	58.9	88.3		
52	28.9	23.1	34.7		

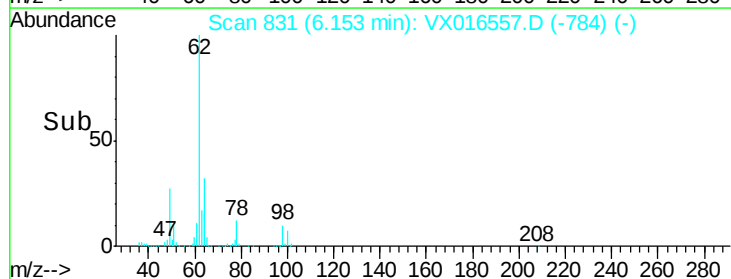
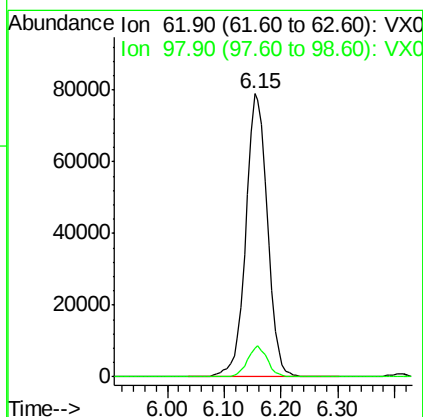
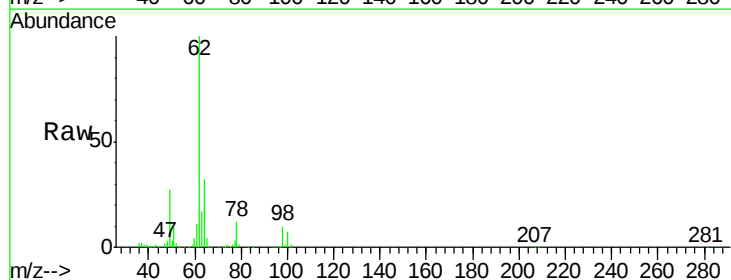
Manual Integrations
APPROVED

MMDadoda
6/4/2020 3:08:45 PM



#42
1,2-Dichloroethane
Concen: 49.476 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		209264		
98	10.0	0.0	19.8		





#43

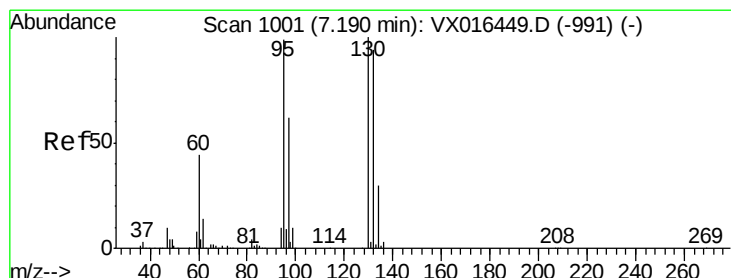
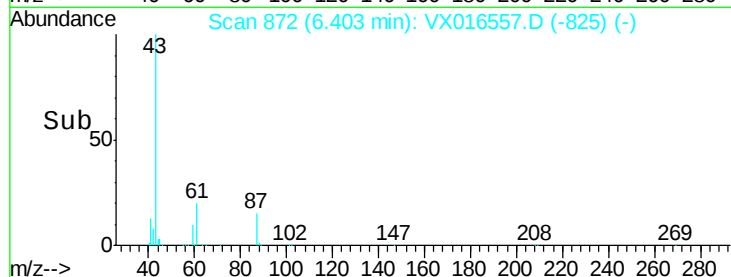
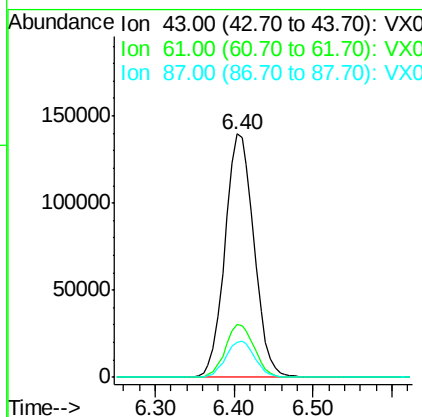
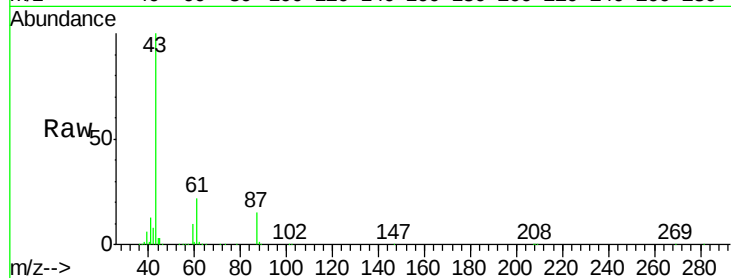
Isopropyl Acetate
 Concen: 47.623 ug/l
 RT: 6.40 min Scan# 872
 Delta R.T. -0.01 min
 Lab File: VX016557.D
 Acq: 03 Jun 2020 10:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.9	16.8	25.2
87	14.9	11.2	16.8

Manual Integrations
 APPROVED

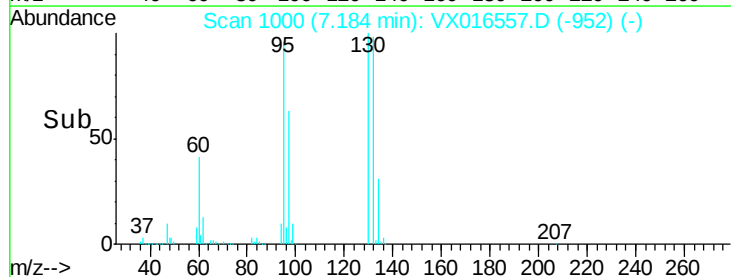
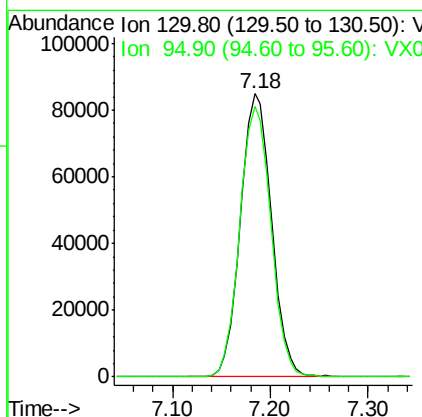
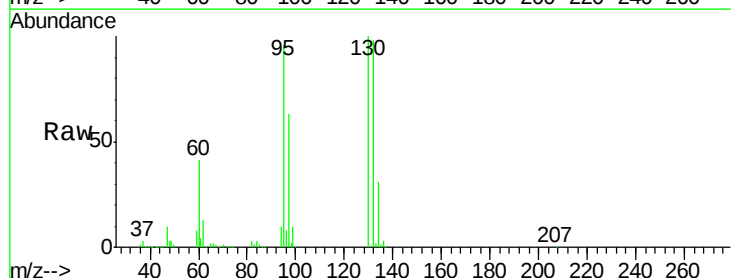
MMDadoda
 6/4/2020 3:08:45 PM

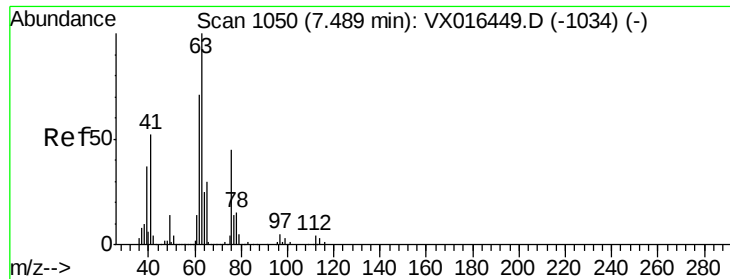


#44

Trichloroethene
 Concen: 49.667 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: VX016557.D
 Acq: 03 Jun 2020 10:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.5	0.0	198.2





#45

1,2-Dichloropropane

Concen: 50.132 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 151789

Ion Ratio Lower Upper

63 100

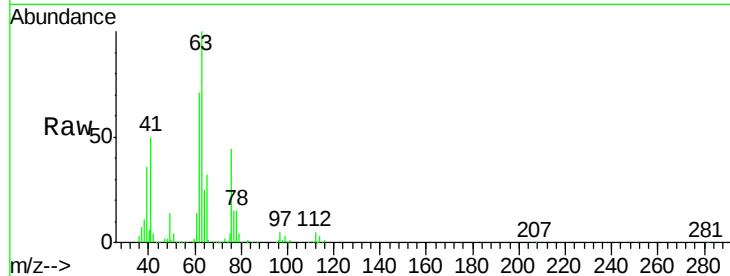
65 31.8 24.2 36.2

Manual Integrations

APPROVED

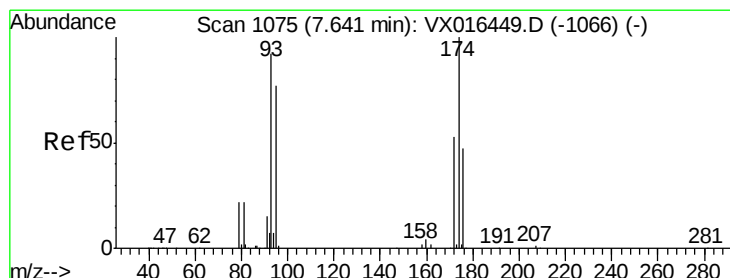
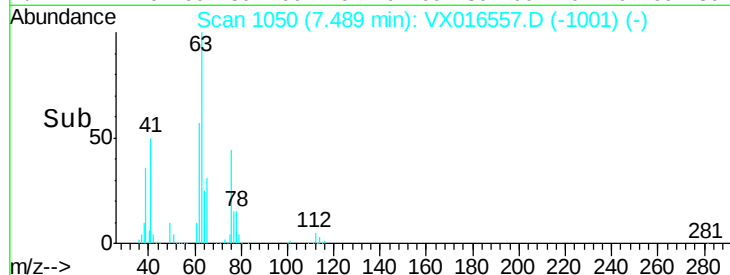
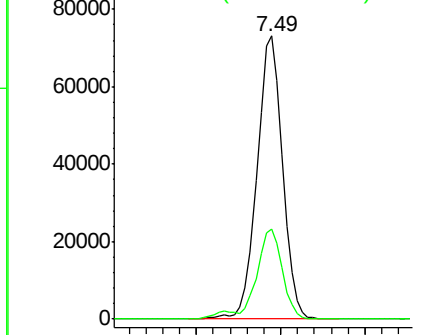
MMDadoda

6/4/2020 3:08:45 PM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 50.110 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

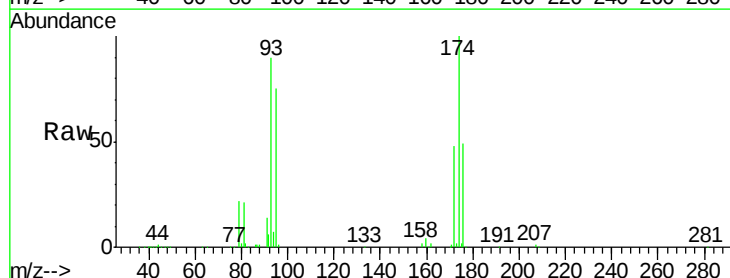
Tgt Ion: 93 Resp: 101908

Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

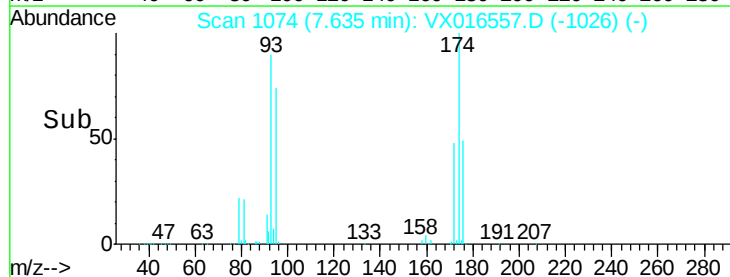
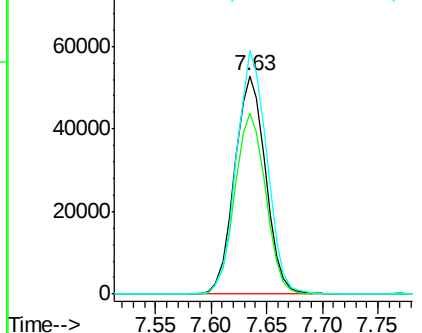
174 110.3 86.2 129.4

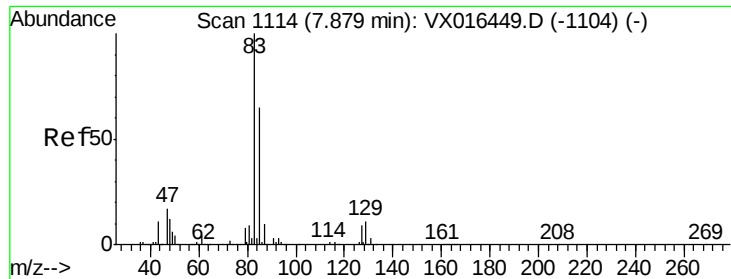


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 51.187 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

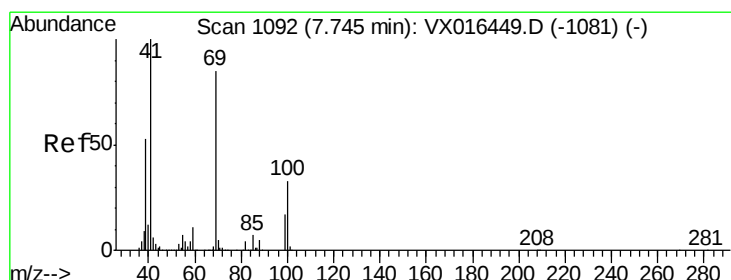
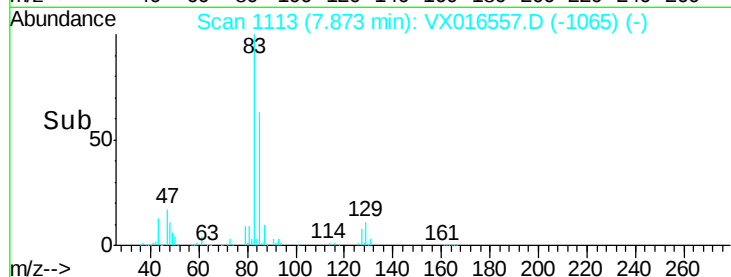
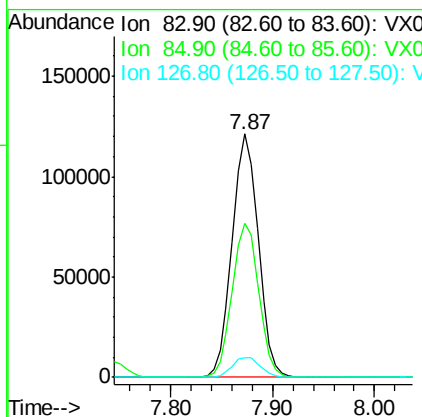
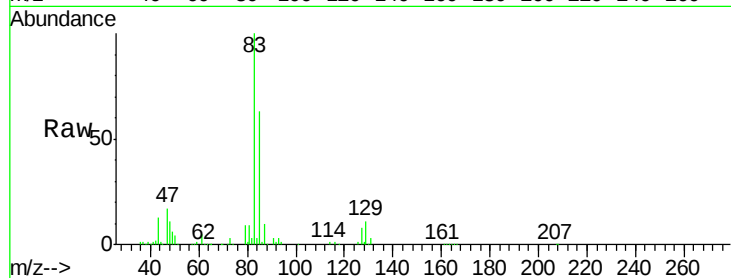
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	215542
Ion Ratio	Lower	Upper	
83	100		
85	63.1	52.0	78.0
127	8.3	7.4	11.0

Manual Integrations
APPROVED

MMDadoda
6/4/2020 3:08:45 PM



#48

Methyl methacrylate

Concen: 47.722 ug/l

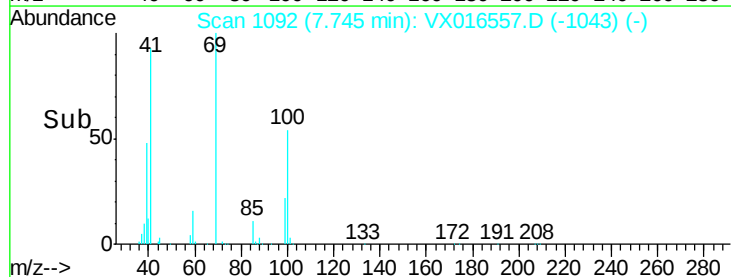
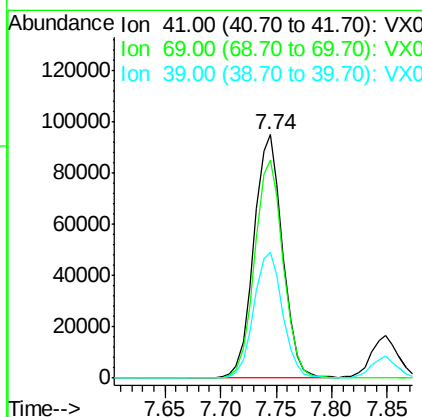
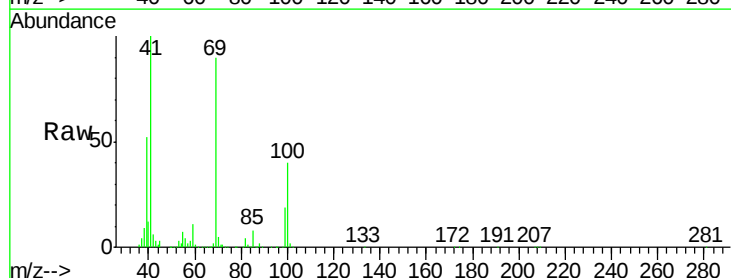
RT: 7.74 min Scan# 1092

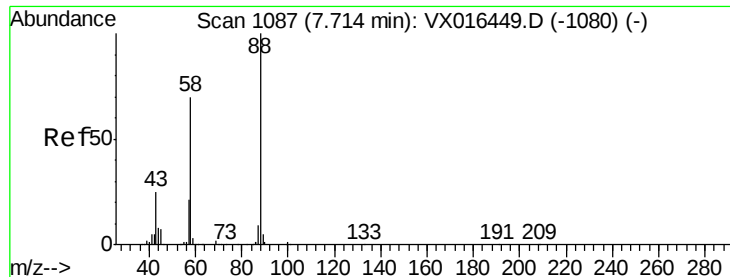
Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Tgt Ion:	41	Resp:	170895
Ion Ratio	Lower	Upper	
41	100		
69	89.1	68.6	102.8
39	51.8	42.4	63.6





#49

1,4-Dioxane

Concen: 861.594 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

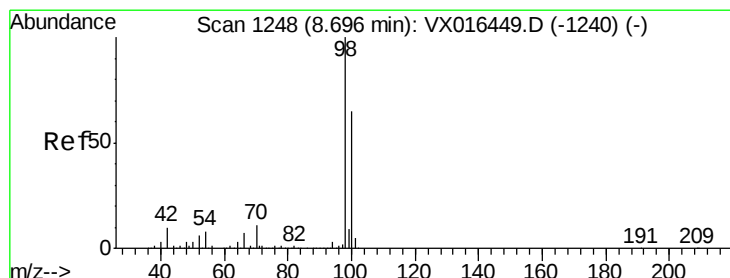
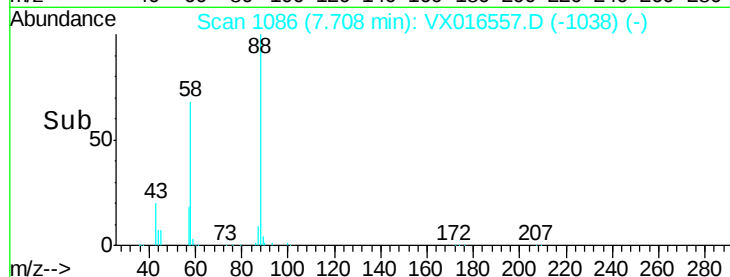
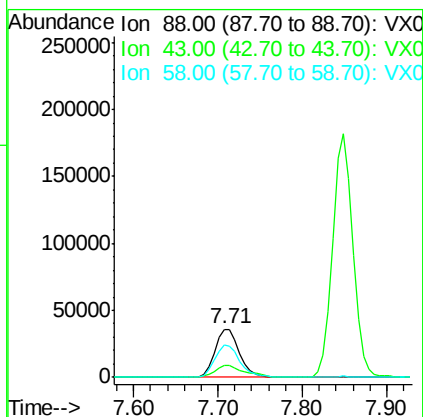
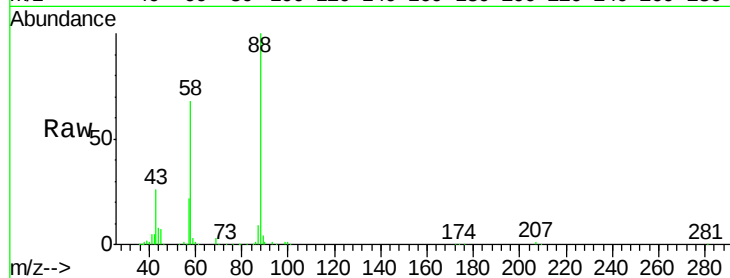
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	72206
Ion	Ratio	Lower	Upper
88	100		
43	29.7	24.2	36.4
58	68.3	56.5	84.7

Manual Integrations
APPROVED

MMDadoda
6/4/2020 3:08:45 PM



#50

Toluene-d8

Concen: 53.916 ug/l

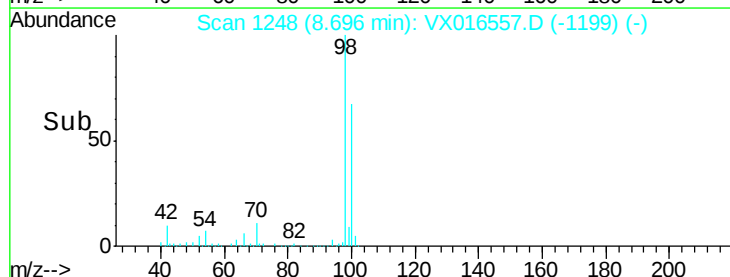
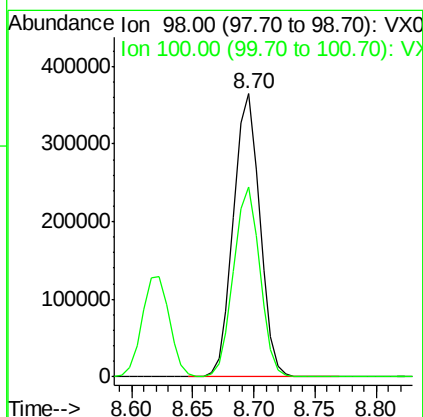
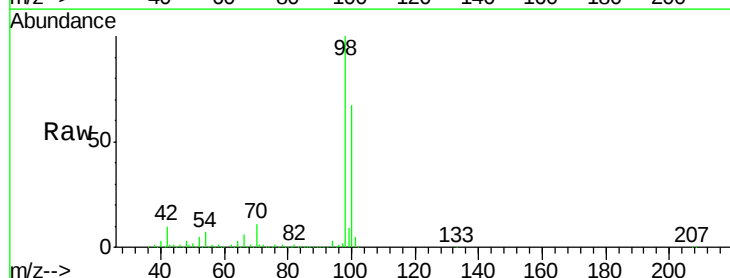
RT: 8.70 min Scan# 1248

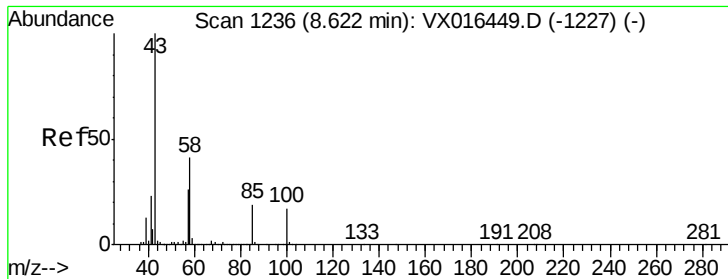
Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Tgt Ion:	98	Resp:	545057
Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 239.224 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1114063

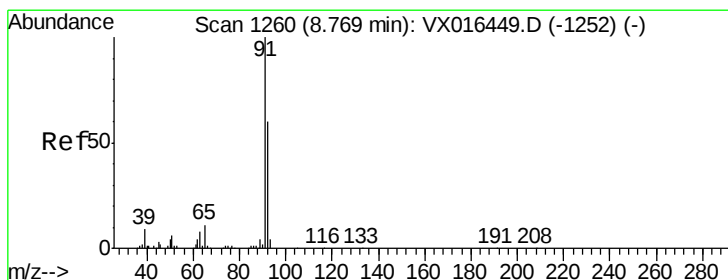
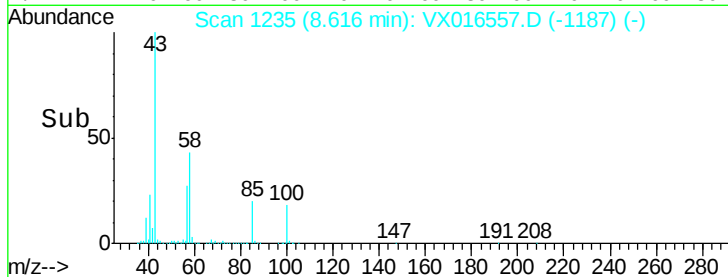
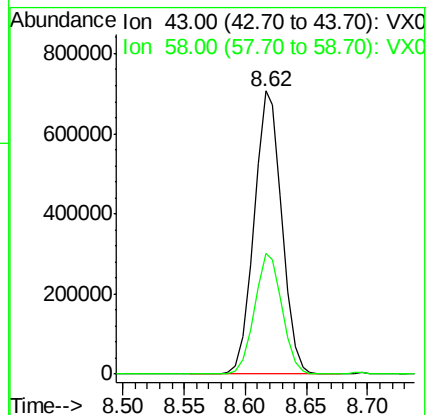
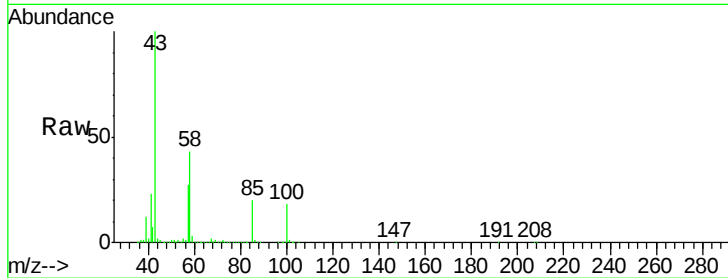
Ion Ratio Lower Upper

43 100

58 42.6 33.0 49.6

Manual Integrations
APPROVED

MMDadoda
6/4/2020 3:08:45 PM



#52

Toluene

Concen: 51.669 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016557.D

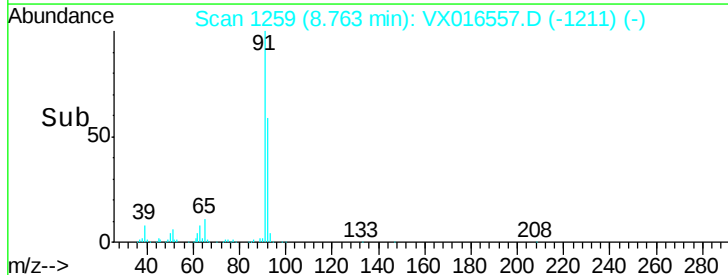
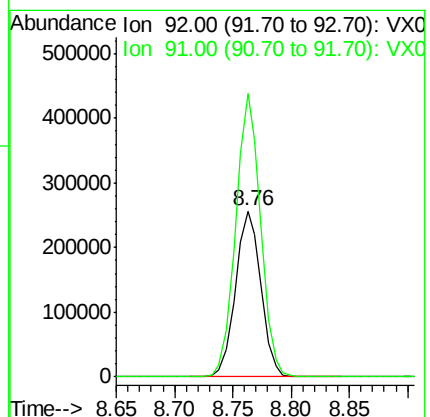
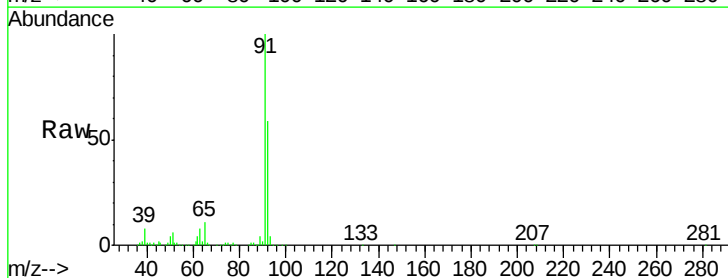
Acq: 03 Jun 2020 10:36

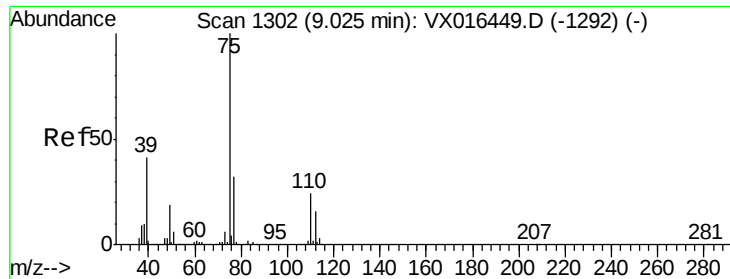
Tgt Ion: 92 Resp: 387511

Ion Ratio Lower Upper

92 100

91 167.9 135.0 202.4





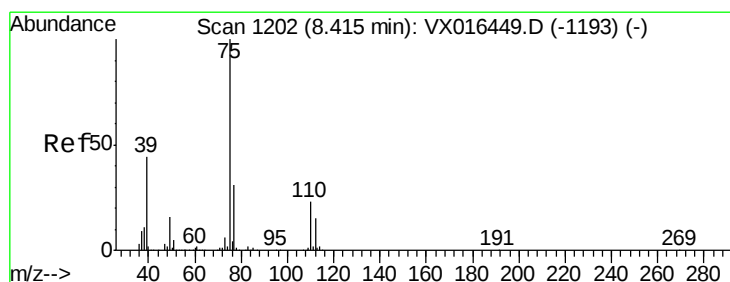
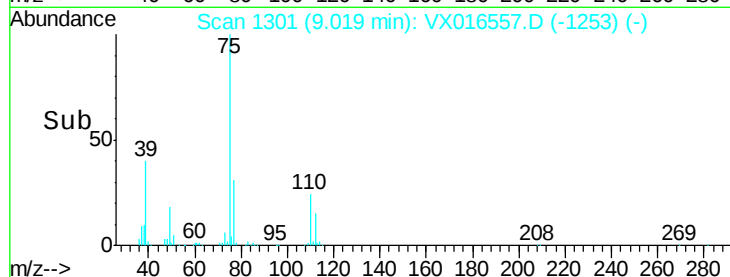
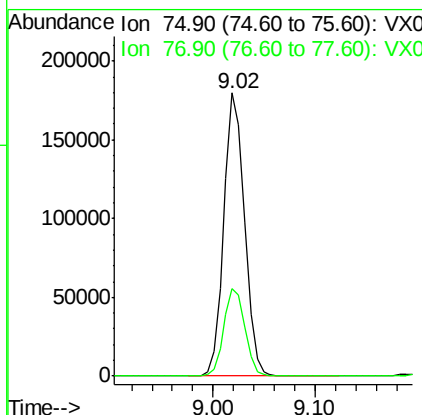
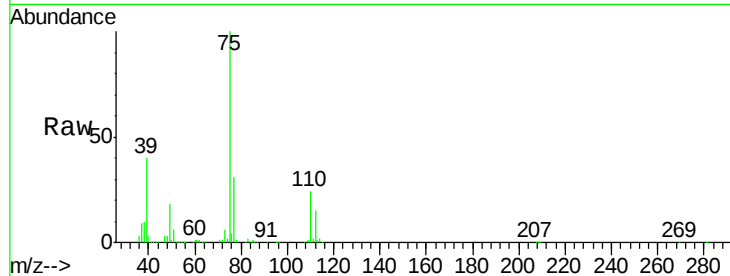
#53
t-1,3-Dichloropropene
Concen: 53.026 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	25.5	38.3

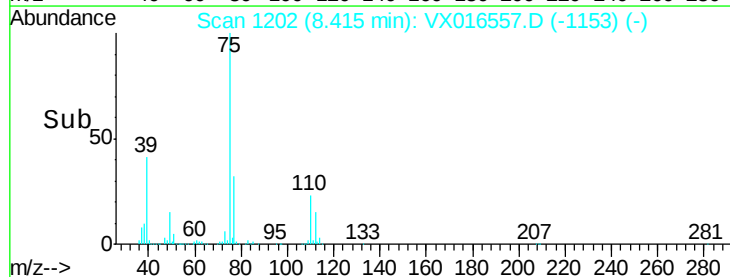
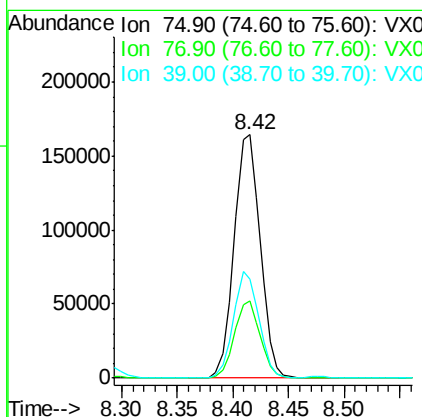
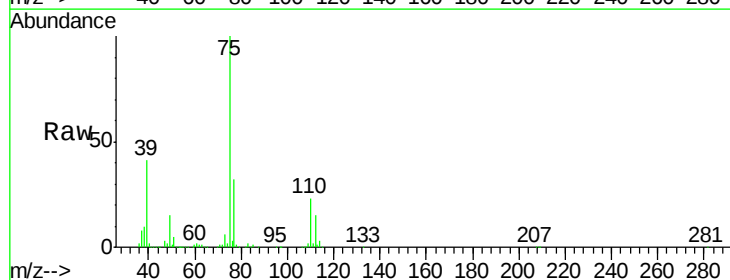
Manual Integrations
APPROVED

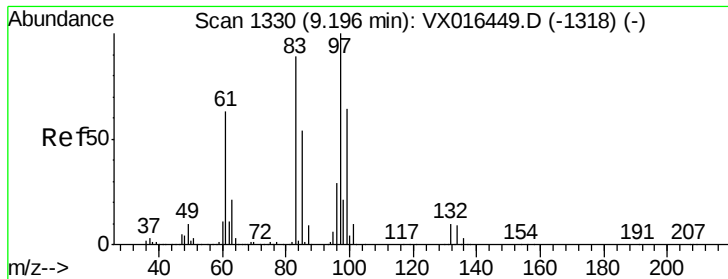
MMDadoda
6/4/2020 3:08:45 PM



#54
cis-1,3-Dichloropropene
Concen: 52.712 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.6	36.8
39	40.9	35.3	52.9





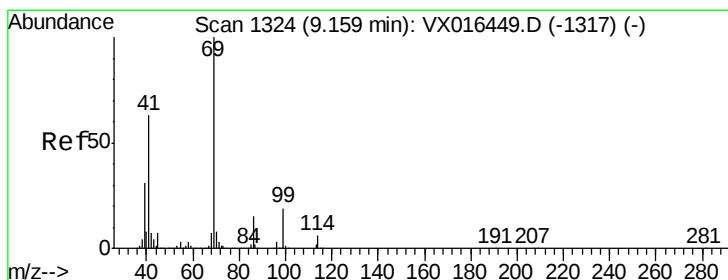
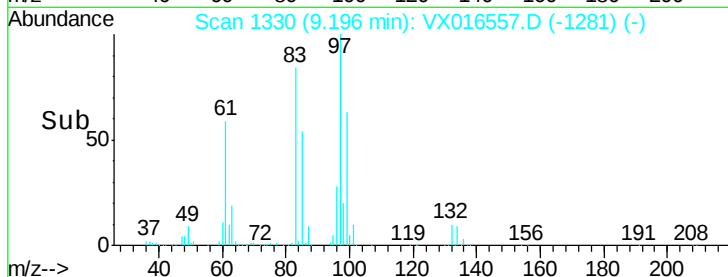
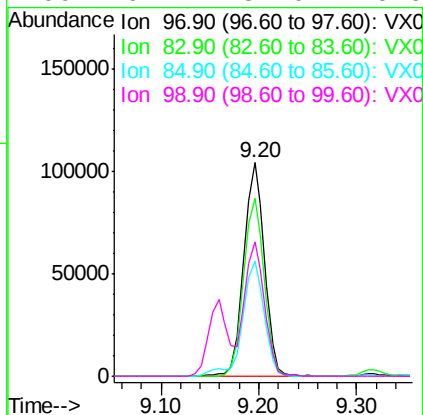
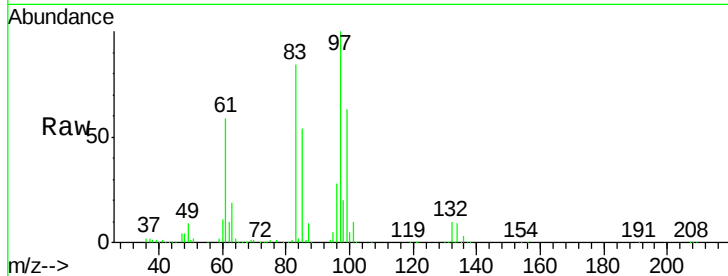
#55
 1,1,2-Trichloroethane
 Concen: 51.464 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016557.D
 Acq: 03 Jun 2020 10:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		153463		
83	83.6	70.9	106.3		
85	53.9	43.4	65.2		
99	62.7	51.0	76.6		

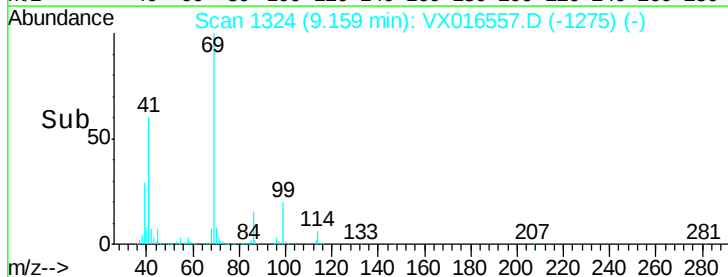
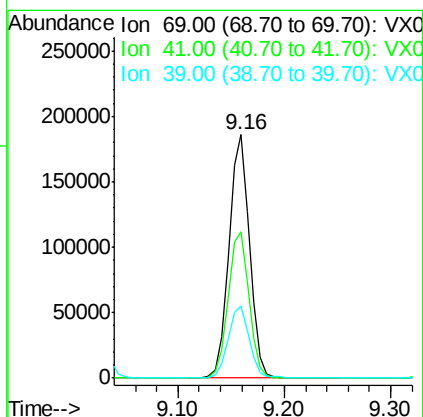
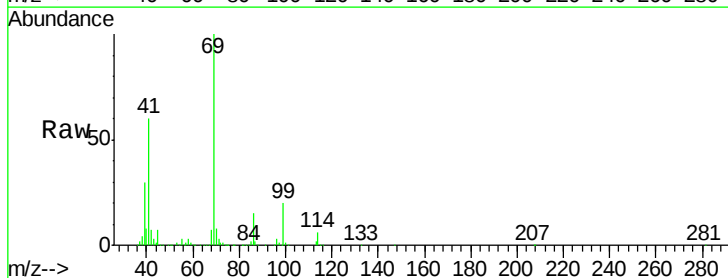
Manual Integrations
 APPROVED

MMDadoda
 6/4/2020 3:08:45 PM



#56
 Ethyl methacrylate
 Concen: 51.781 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016557.D
 Acq: 03 Jun 2020 10:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		251474		
41	61.4	50.7	76.1		
39	30.4	25.8	38.6		





#57

1,3-Dichloropropane

Concen: 51.066 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 261376

Ion Ratio Lower Upper

76 100

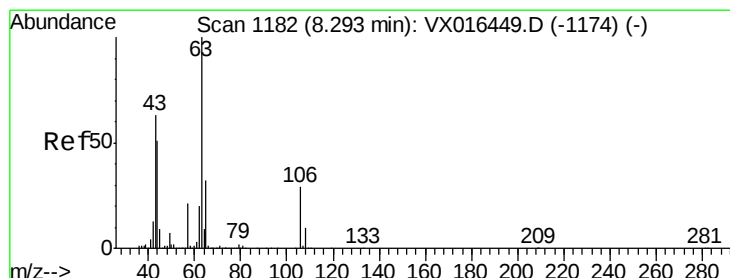
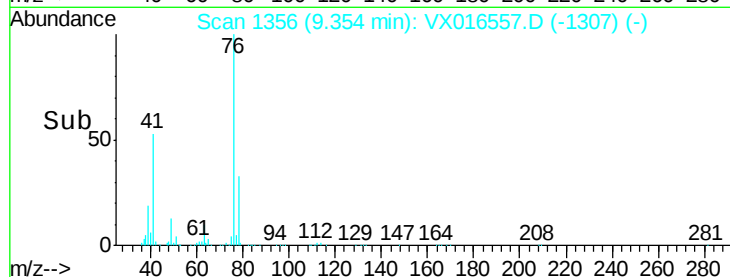
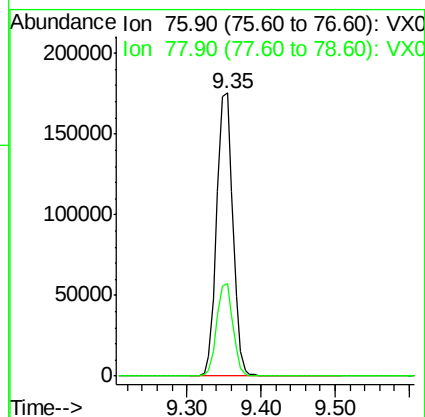
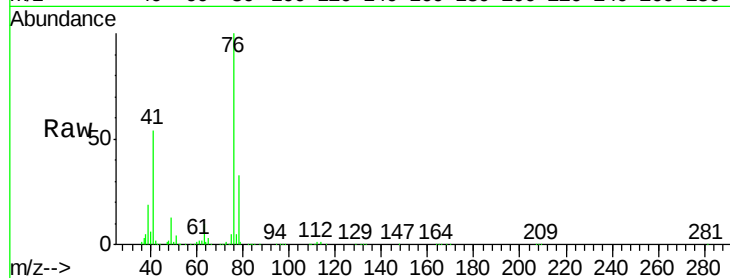
78 32.7 26.2 39.4

Manual Integrations

APPROVED

MMDadoda

6/4/2020 3:08:45 PM



#58

2-Chloroethyl Vinyl ether

Concen: 267.618 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016557.D

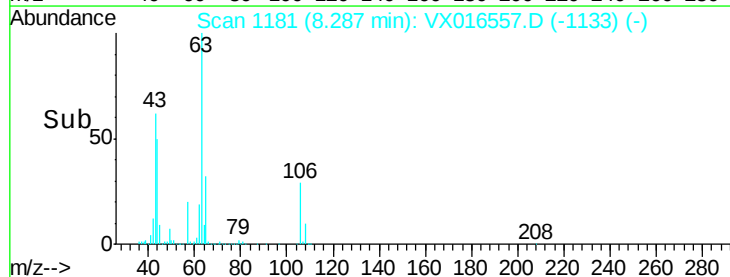
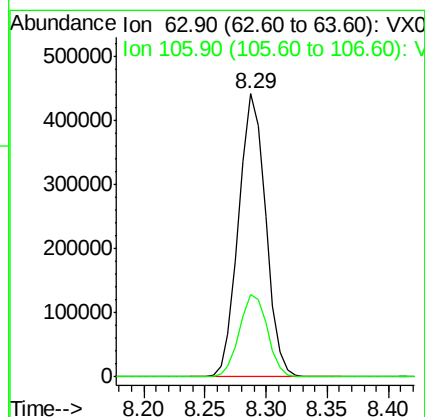
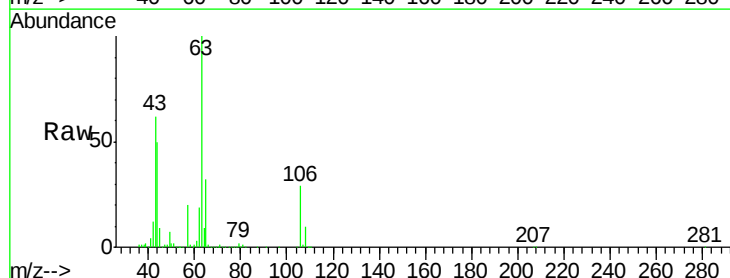
Acq: 03 Jun 2020 10:36

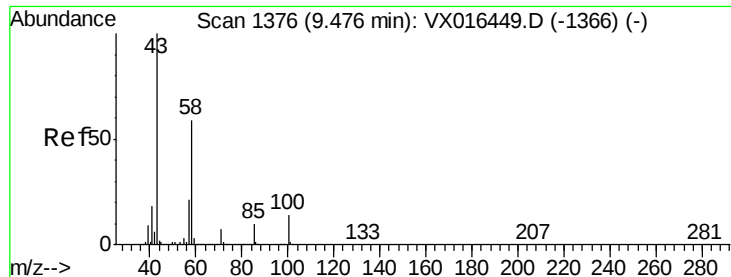
Tgt Ion: 63 Resp: 678383

Ion Ratio Lower Upper

63 100

106 30.1 23.2 34.8





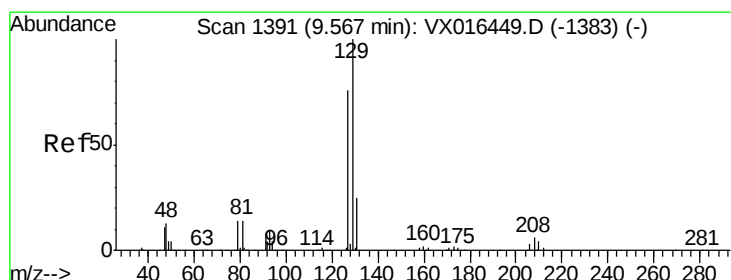
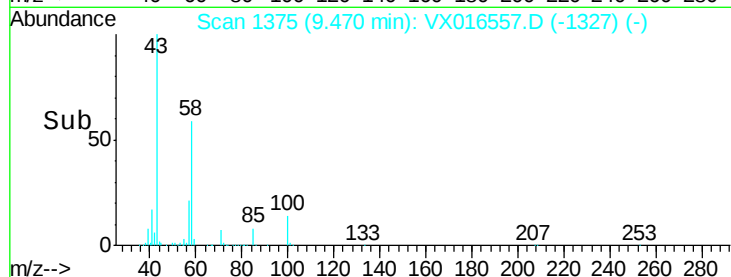
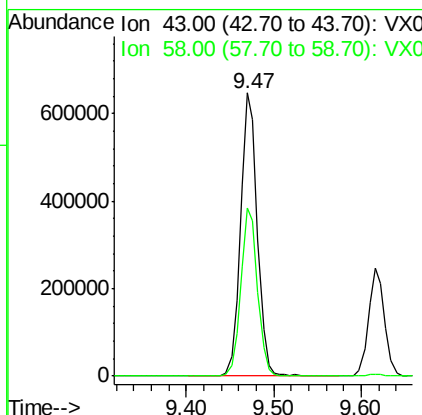
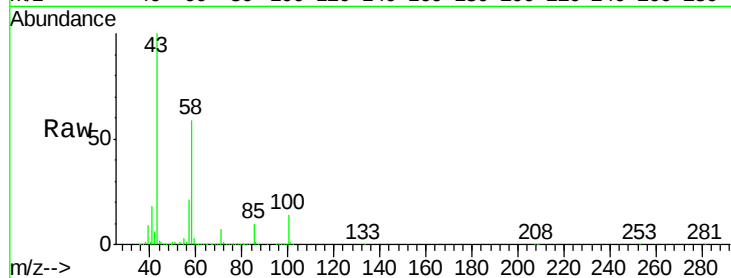
#59
2-Hexanone
Concen: 238.267 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 862892
Ion Ratio Lower Upper
43 100
58 59.5 28.8 86.4

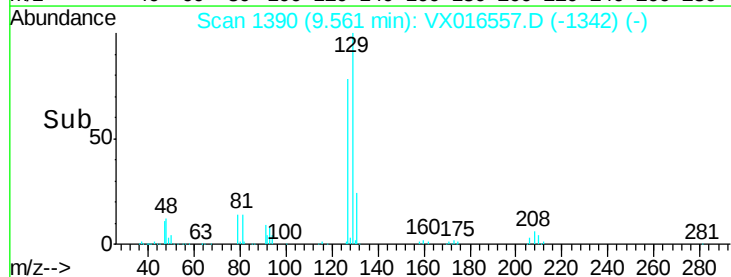
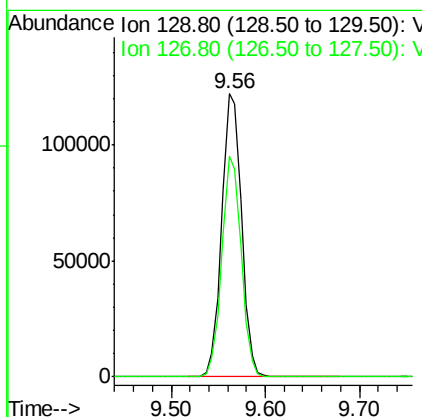
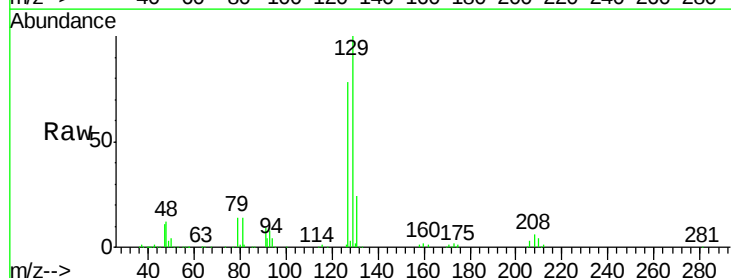
Manual Integrations
APPROVED

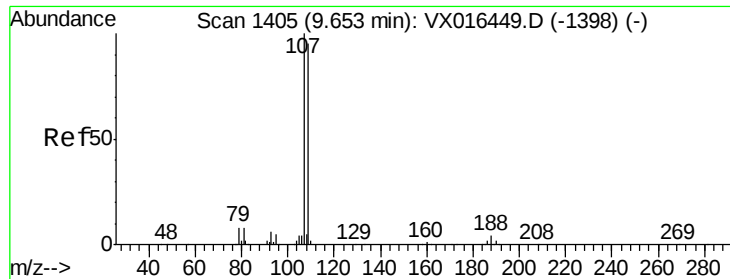
MMDadoda
6/4/2020 3:08:45 PM



#60
Dibromochloromethane
Concen: 53.193 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tgt Ion: 129 Resp: 178504
Ion Ratio Lower Upper
129 100
127 76.3 38.6 116.0





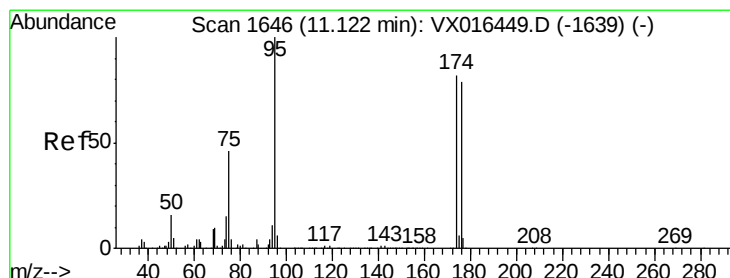
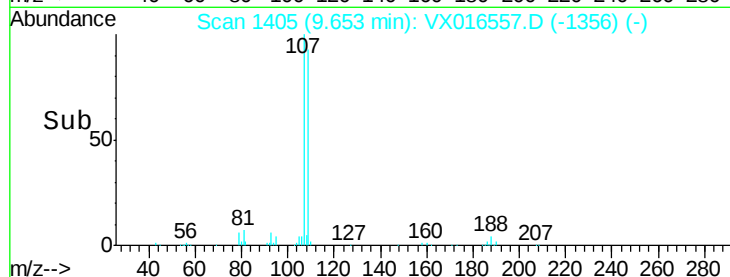
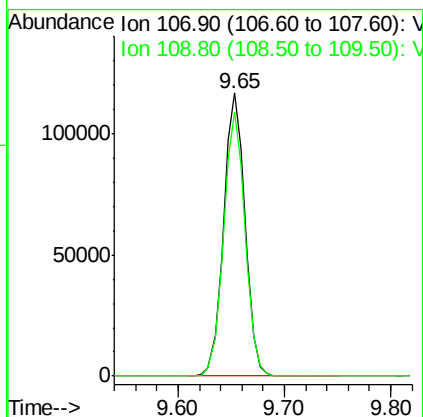
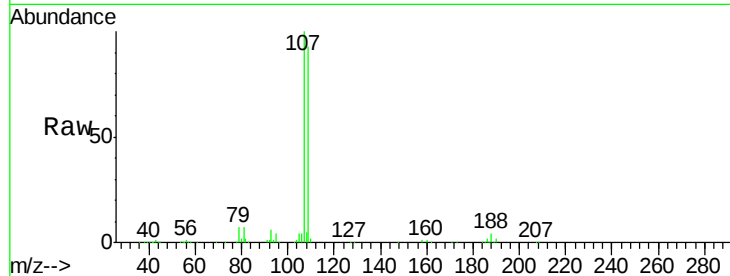
#61
 1,2-Dibromoethane
 Concen: 51.569 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX016557.D
 Acq: 03 Jun 2020 10:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.5	75.5	113.3

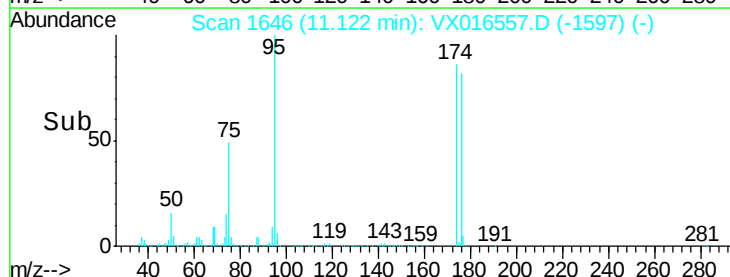
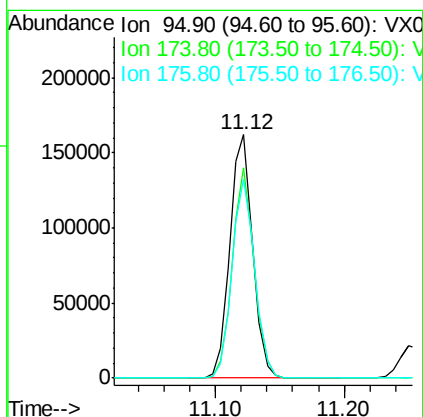
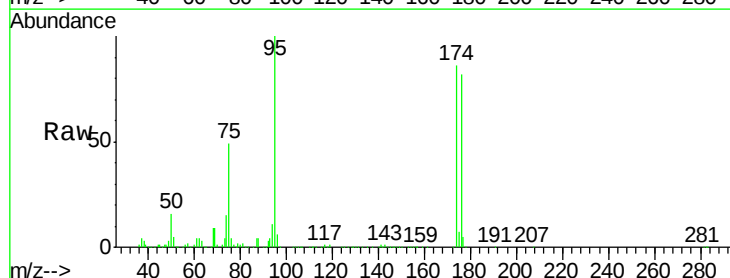
Manual Integrations
 APPROVED

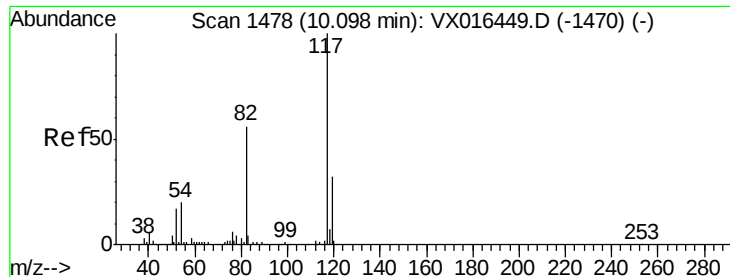
MMDadoda
 6/4/2020 3:08:45 PM



#62
 4-Bromofluorobenzene
 Concen: 51.539 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX016557.D
 Acq: 03 Jun 2020 10:36

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.8	0.0	163.0
176	81.3	0.0	156.8





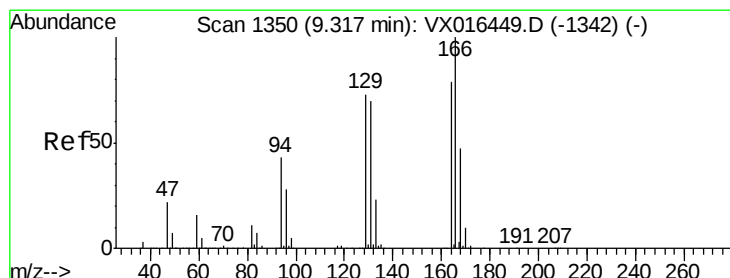
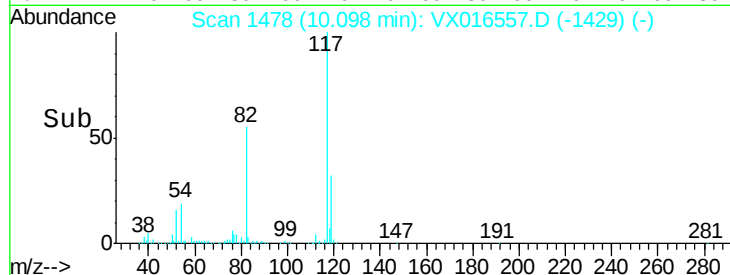
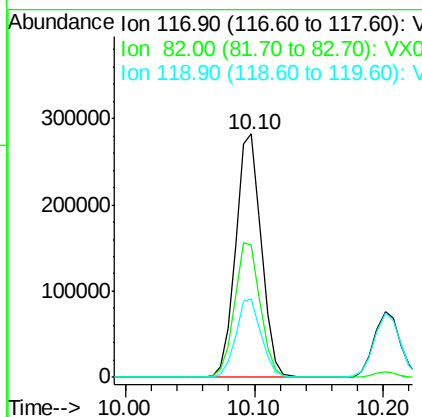
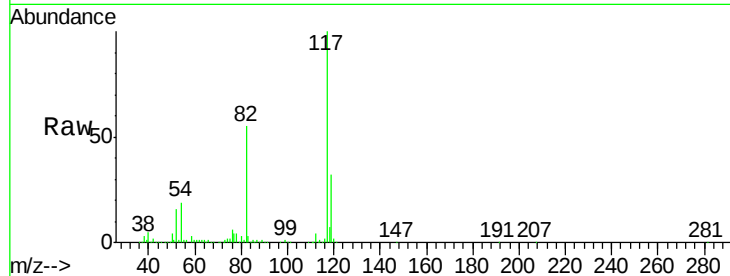
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	388945		
82	54.5	45.0	67.6	
119	32.1	25.8	38.8	

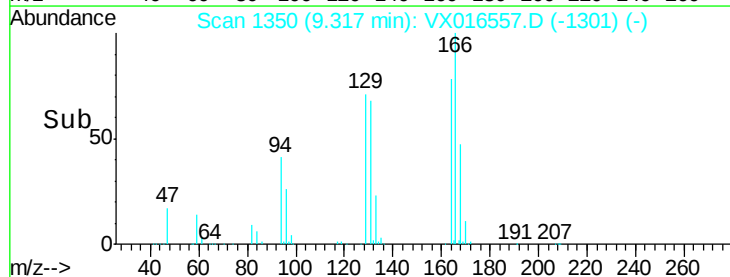
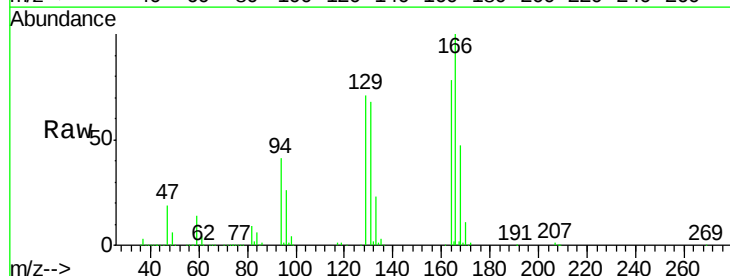
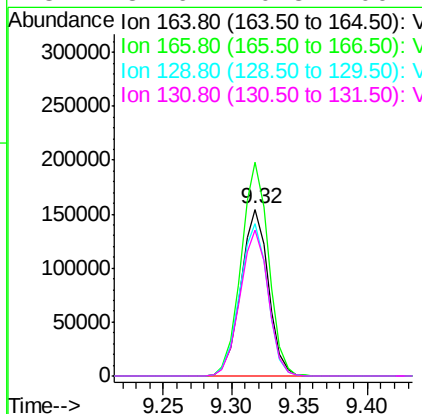
Manual Integrations
APPROVED

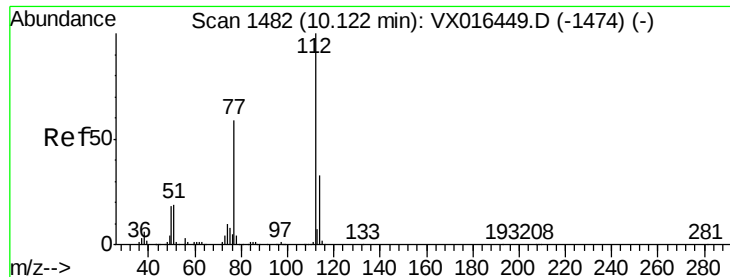
MMDadoda
6/4/2020 3:08:45 PM



#64
Tetrachloroethene
Concen: 50.055 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	217813		
166	128.2	100.9	151.3	
129	91.1	73.2	109.8	
131	87.6	70.8	106.2	





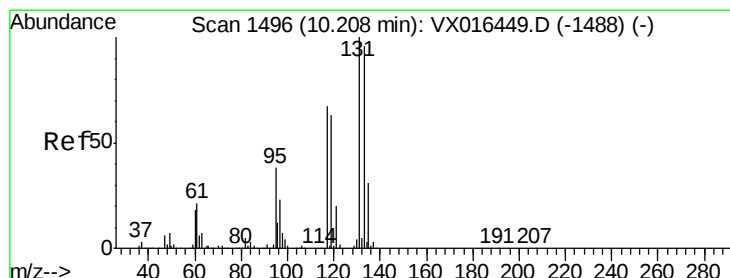
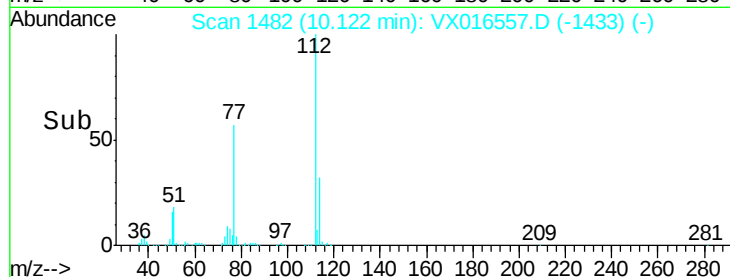
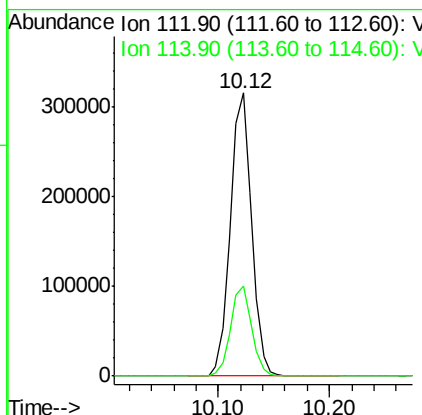
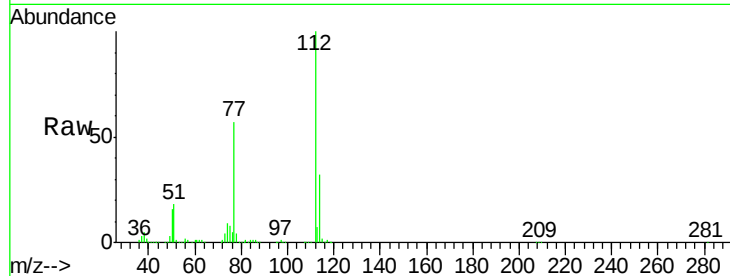
#65
Chlorobenzene
Concen: 52.517 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 416438
Ion Ratio Lower Upper
112 100
114 31.6 26.0 39.0

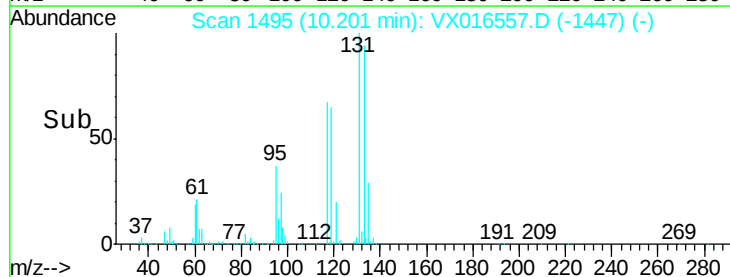
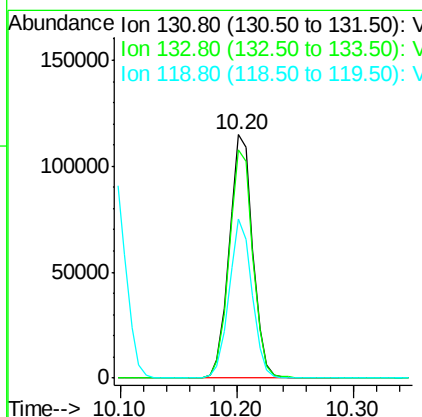
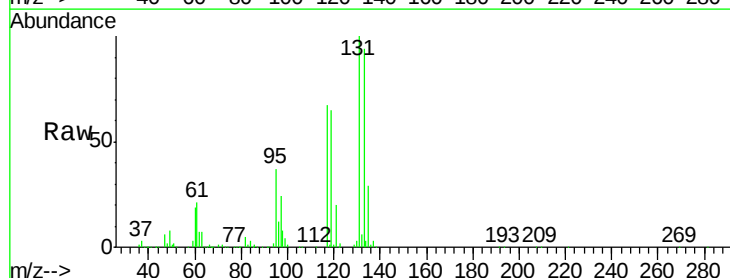
Manual Integrations
APPROVED

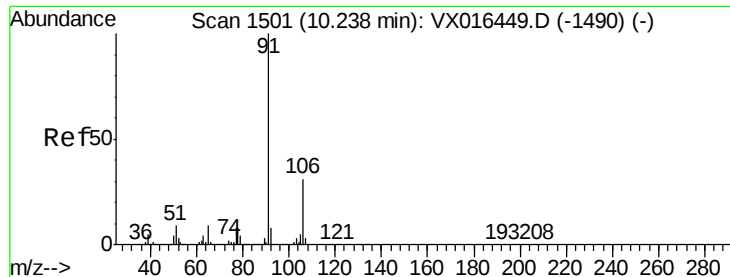
MMDadoda
6/4/2020 3:08:45 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 52.925 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tgt Ion:131 Resp: 160200
Ion Ratio Lower Upper
131 100
133 94.8 48.4 145.3
119 64.2 32.0 96.2





#67

Ethyl Benzene

Concen: 51.978 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 733825

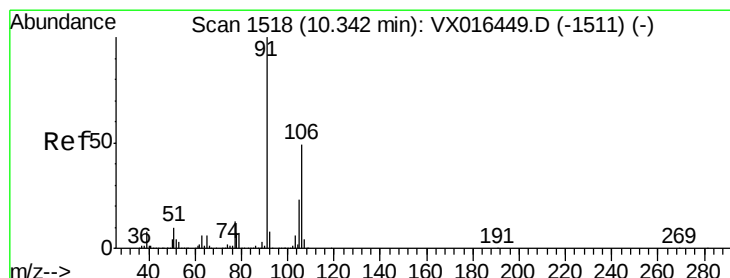
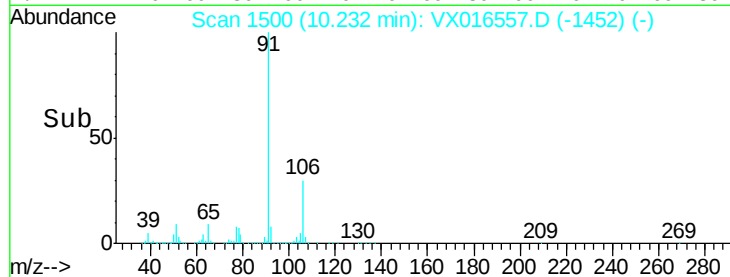
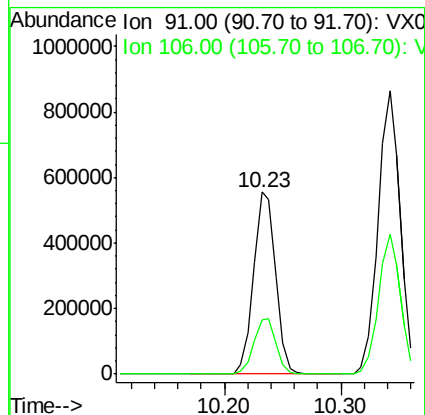
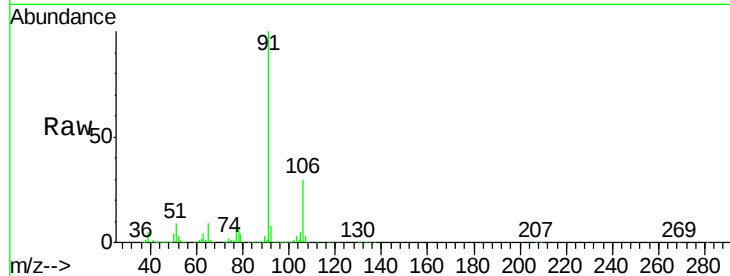
Ion Ratio Lower Upper

91 100

106 29.9 25.0 37.4

Manual Integrations
APPROVED

MMDadoda
6/4/2020 3:08:45 PM



#68

m/p-Xylenes

Concen: 106.921 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016557.D

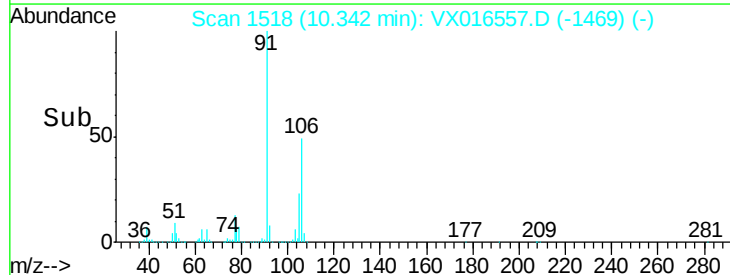
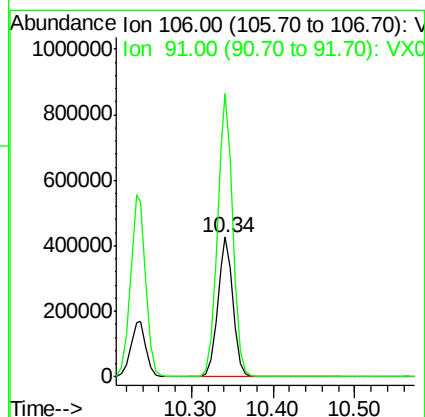
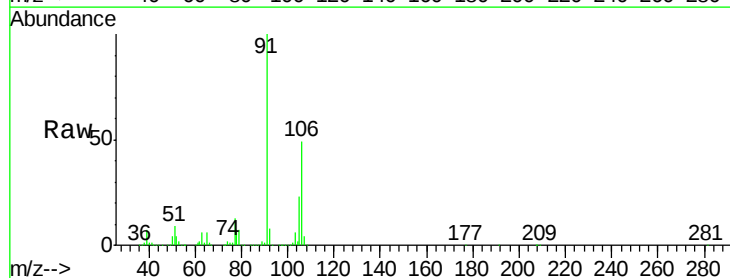
Acq: 03 Jun 2020 10:36

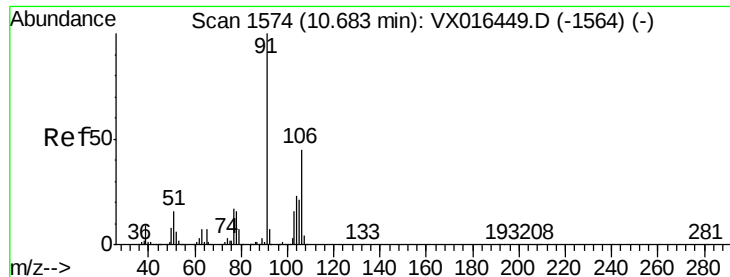
Tgt Ion: 106 Resp: 559681

Ion Ratio Lower Upper

106 100

91 204.5 163.8 245.8





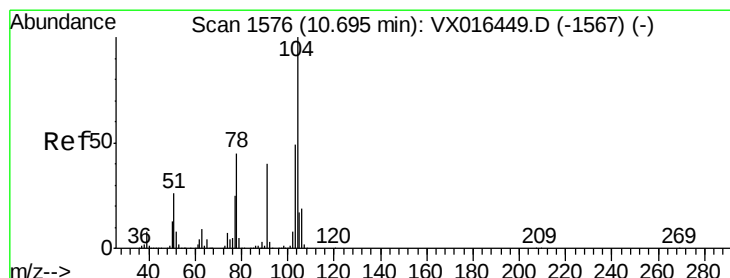
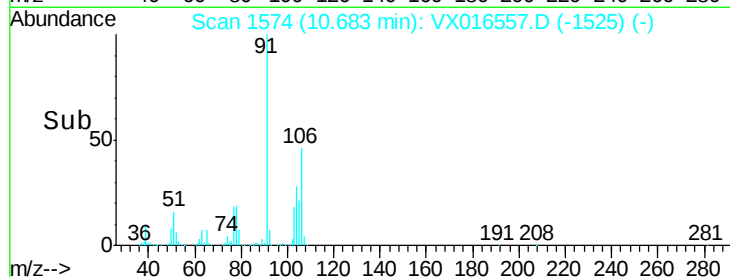
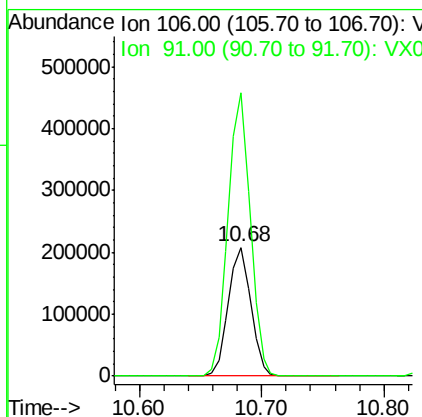
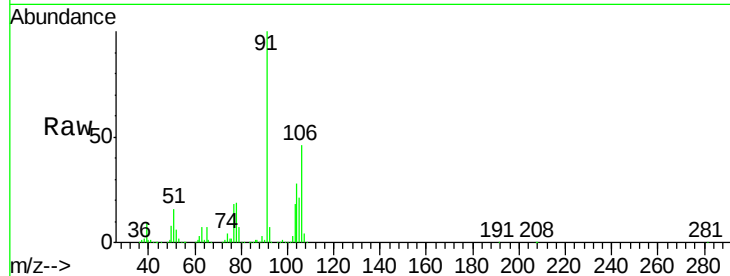
#69
o-Xylene
Concen: 52.347 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:106 Resp: 265366
Ion Ratio Lower Upper
106 100
91 217.4 109.6 328.8

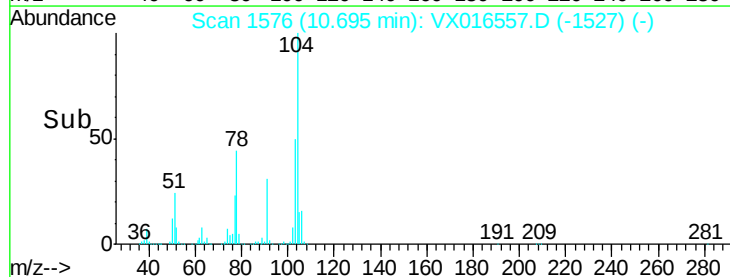
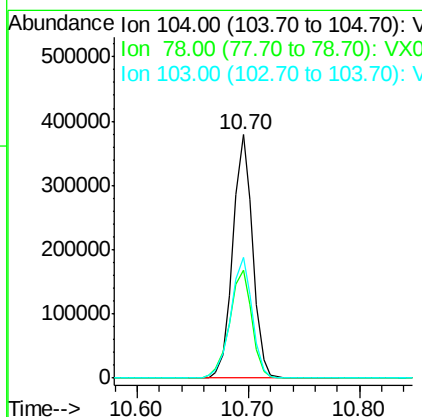
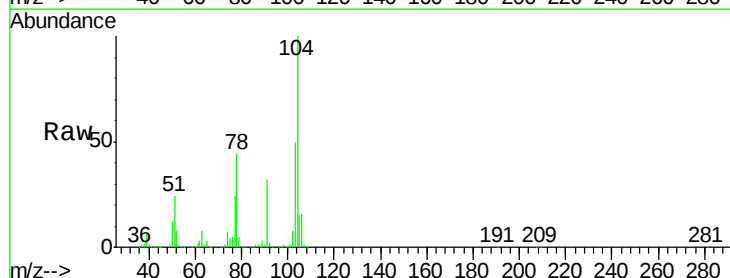
Manual Integrations
APPROVED

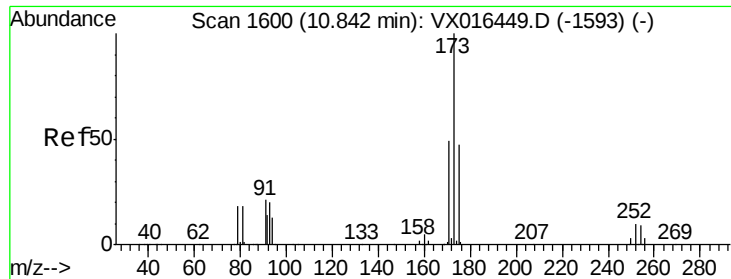
MMDadoda
6/4/2020 3:08:45 PM



#70
Styrene
Concen: 53.330 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tgt Ion:104 Resp: 464695
Ion Ratio Lower Upper
104 100
78 50.0 40.2 60.2
103 54.0 43.1 64.7





#71

Bromoform

Concen: 52.363 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

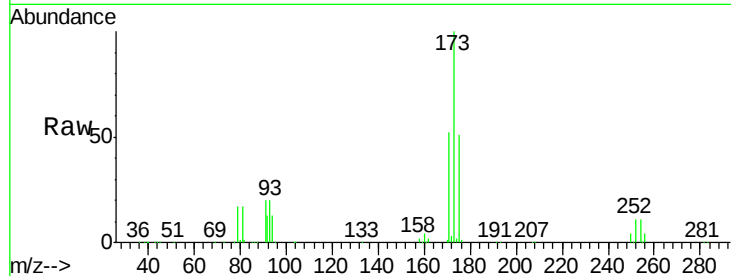
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.5	23.9	71.7
254	0.2	0.1	0.1#

Manual Integrations
APPROVED

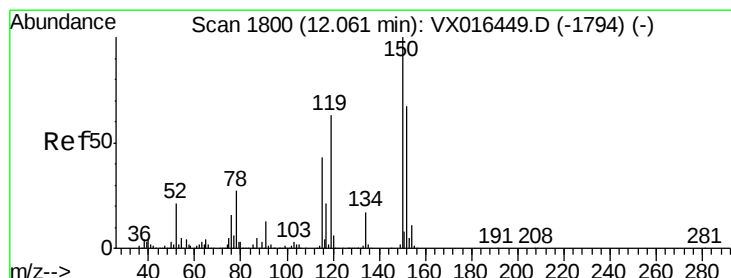
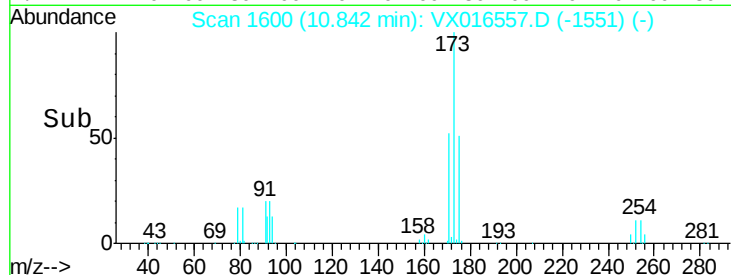
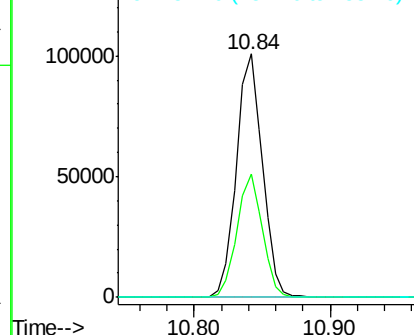
MMDadoda
6/4/2020 3:08:45 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

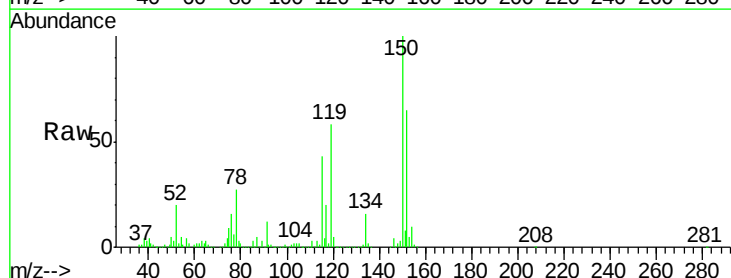
RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

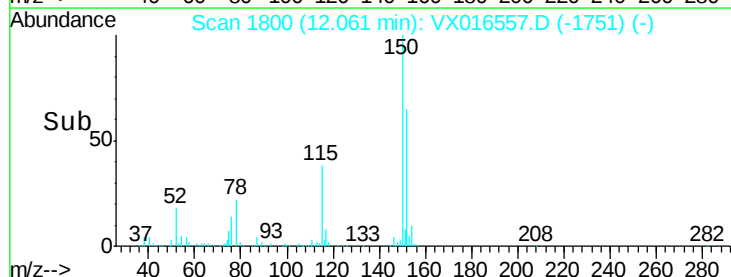
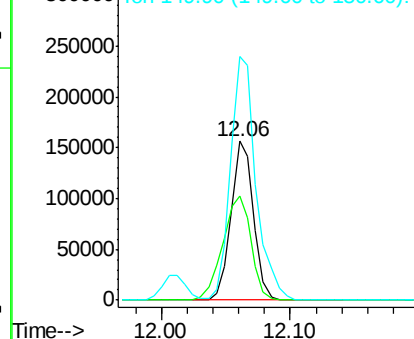
Tgt Ion	Ratio	Lower	Upper
152	100		
115	82.6	39.9	119.6
150	174.2	0.0	341.0

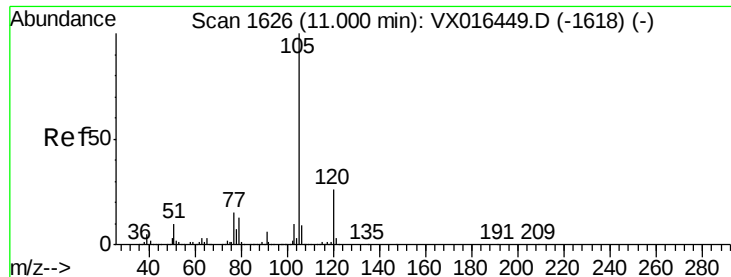


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.244 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 717856

Ion Ratio Lower Upper

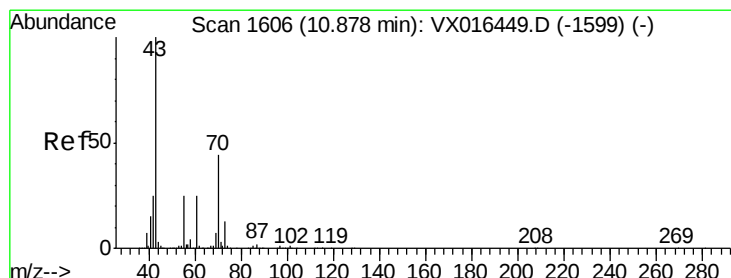
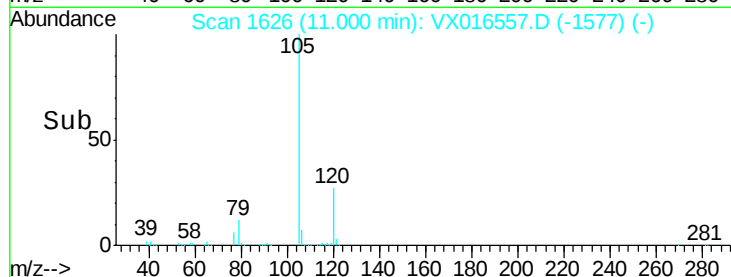
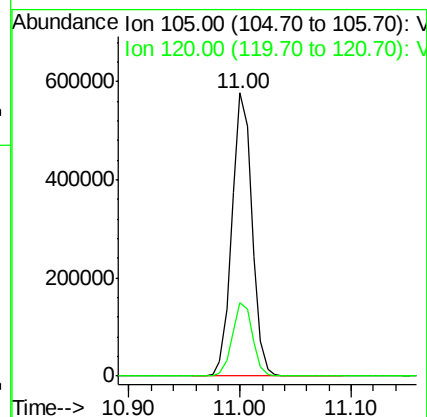
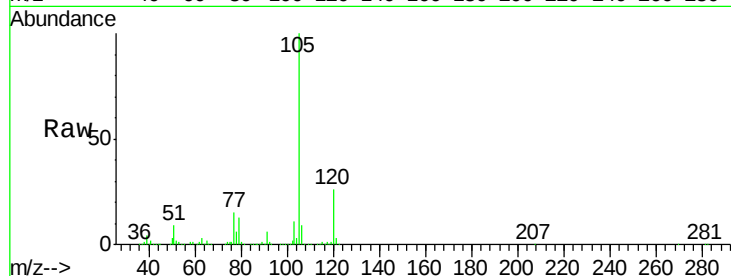
105 100

120 26.2 13.1 39.3

Manual Integrations
APPROVED

MMDadoda

6/4/2020 3:08:45 PM



#74

N-ethyl acetate

Concen: 50.333 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Tgt Ion: 43 Resp: 306389

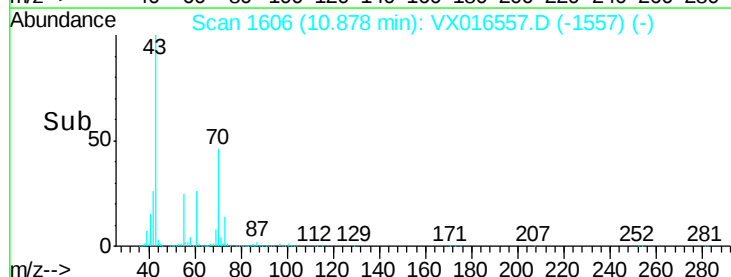
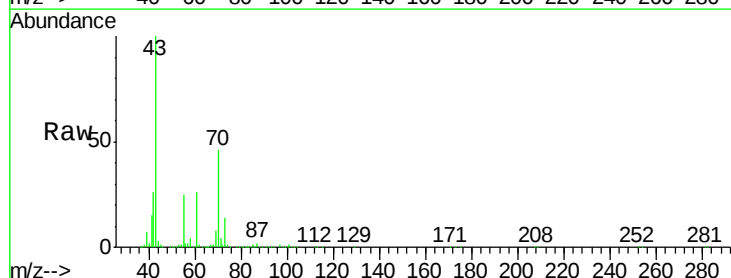
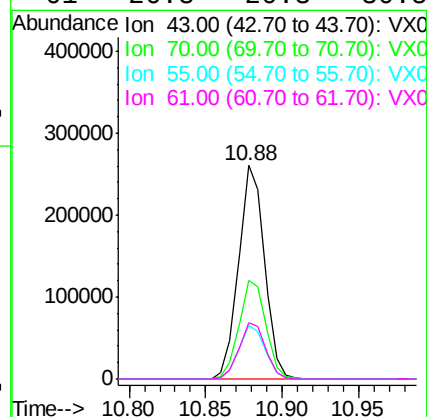
Ion Ratio Lower Upper

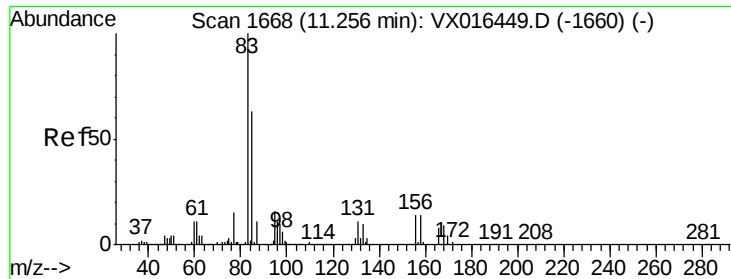
43 100

70 47.4 36.1 54.1

55 25.5 20.2 30.4

61 26.8 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 53.563 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

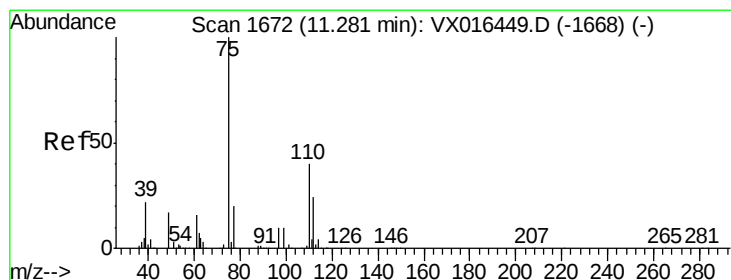
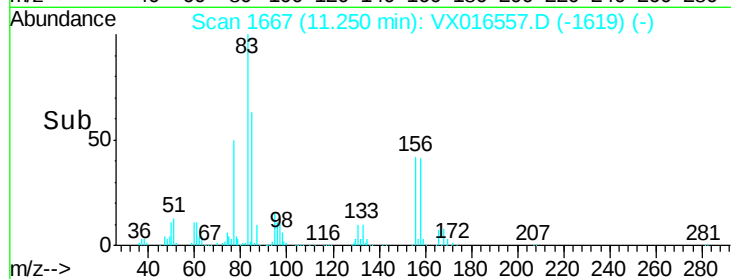
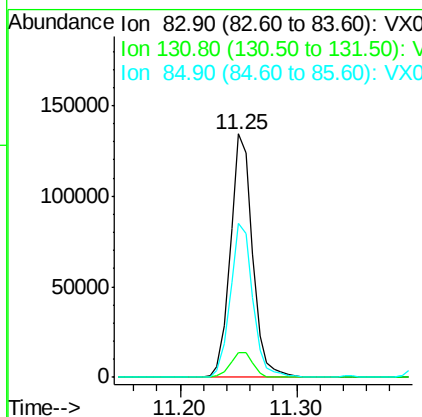
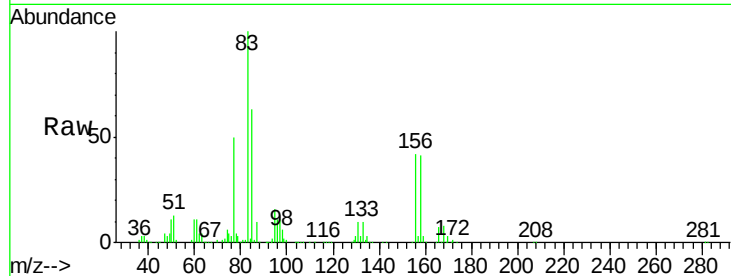
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	177652
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.1	15.3
85	64.3	32.0	96.2

Manual Integrations
APPROVED

MMDadoda
6/4/2020 3:08:45 PM



#76

1,2,3-Trichloropropane

Concen: 53.135 ug/l m

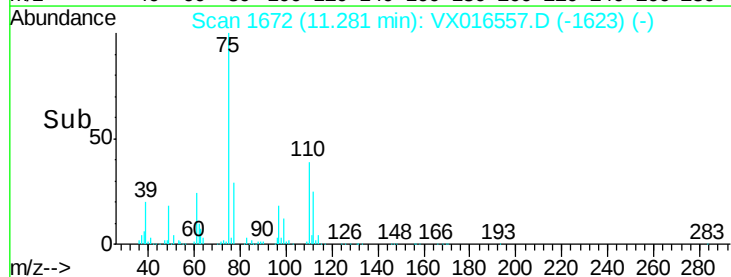
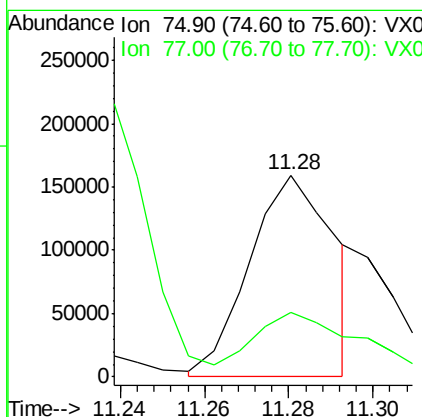
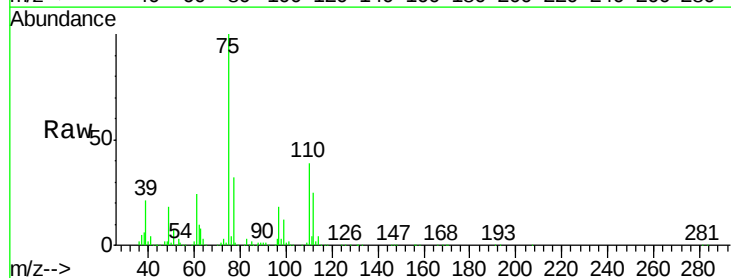
RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Tgt Ion:	75	Resp:	223073
Ion Ratio	Lower	Upper	
75	100		
77	40.3	21.3	63.7





#77

Bromobenzene

Concen: 52.269 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

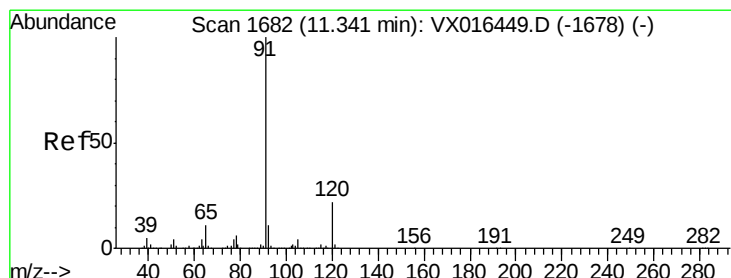
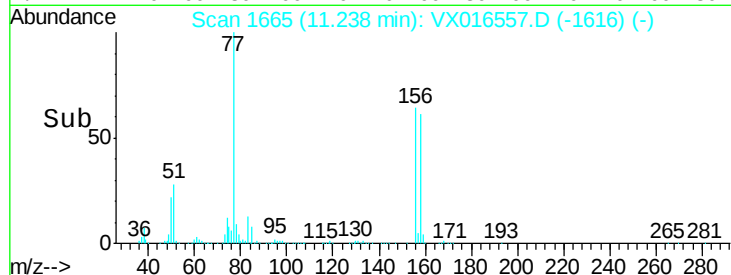
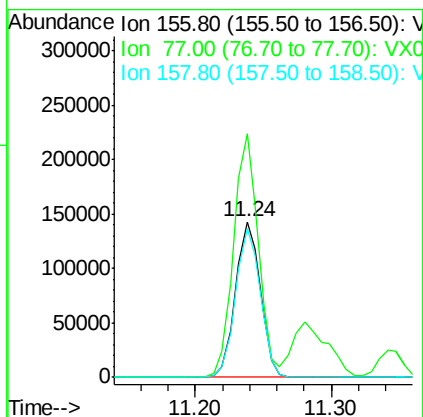
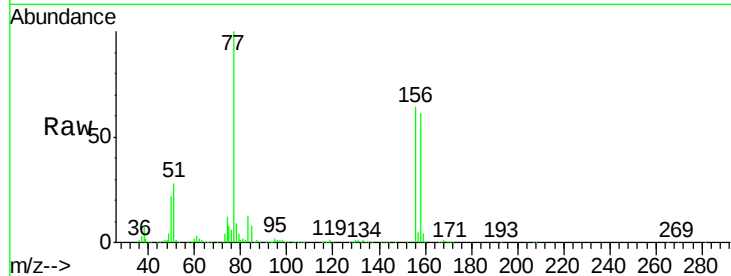
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	181425
Ion Ratio	Lower	Upper	
156	100		
77	155.8	79.6	238.8
158	95.7	48.1	144.4

Manual Integrations
APPROVED

MMDadoda
6/4/2020 3:08:45 PM



#78

n-propylbenzene

Concen: 53.944 ug/l

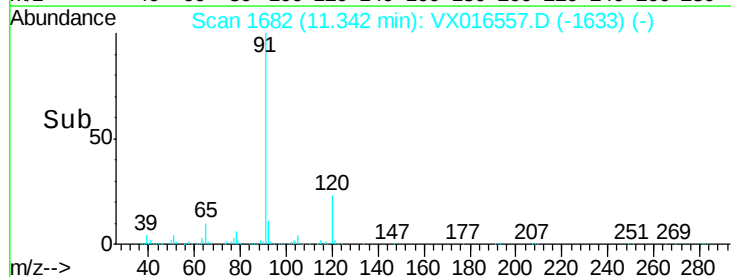
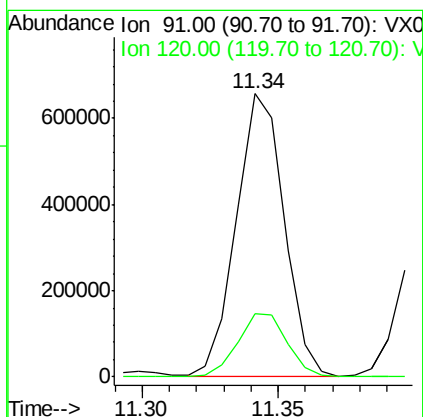
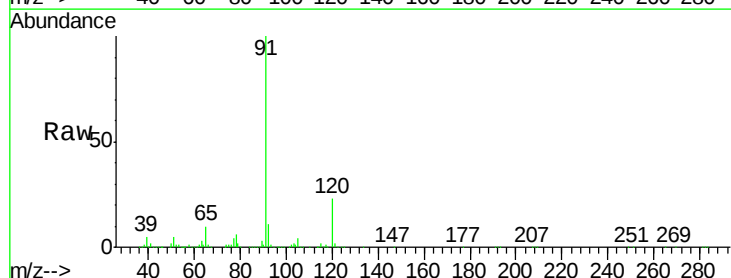
RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Tgt Ion:	91	Resp:	797561
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.6	34.7





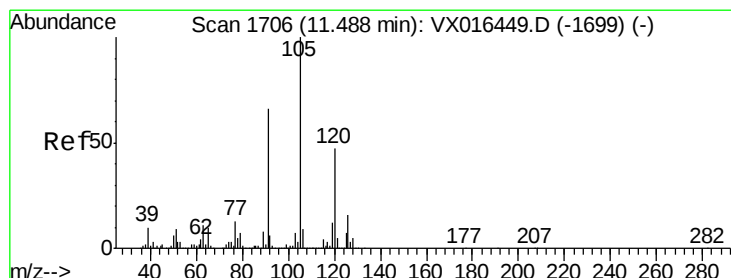
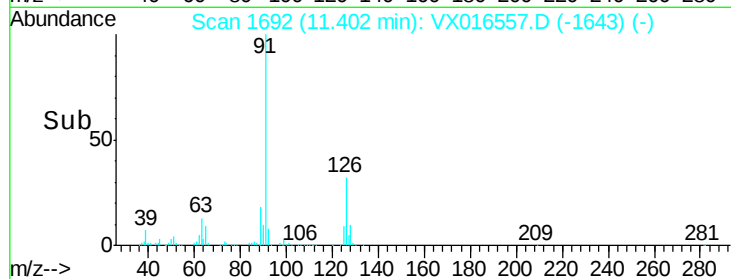
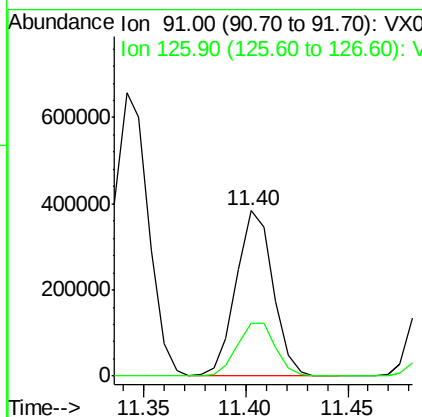
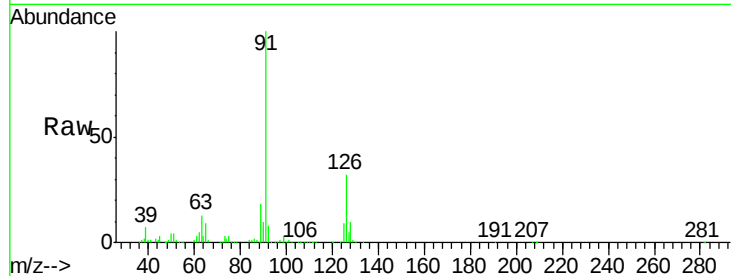
#79
2-Chlorotoluene
Concen: 53.256 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 480625
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.3

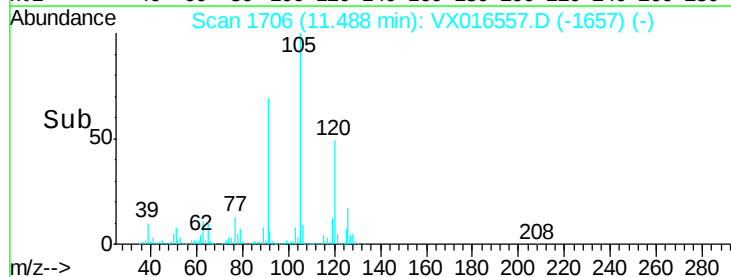
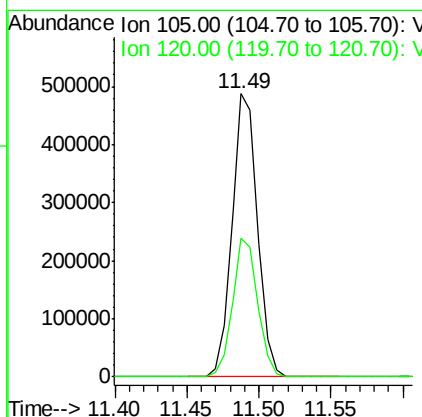
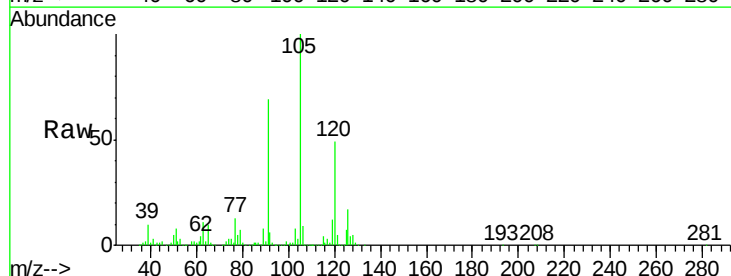
Manual Integrations
APPROVED

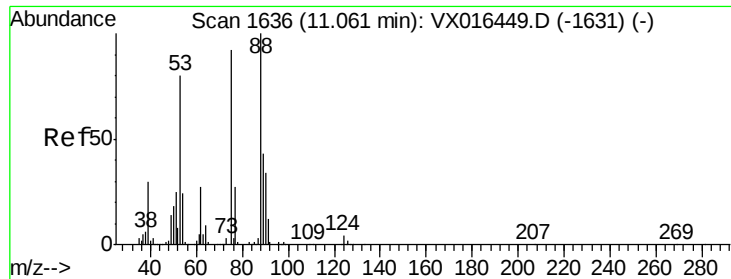
MMDadoda
6/4/2020 3:08:45 PM



#80
1,3,5-Trimethylbenzene
Concen: 54.356 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tgt Ion: 105 Resp: 600634
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8





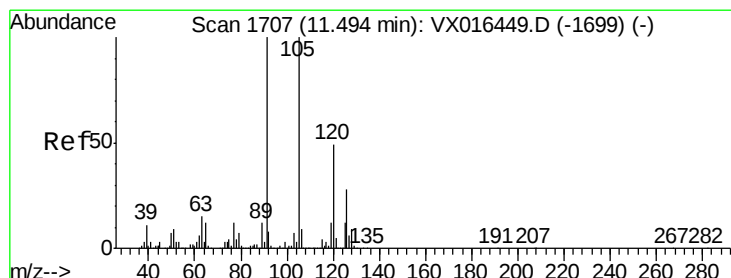
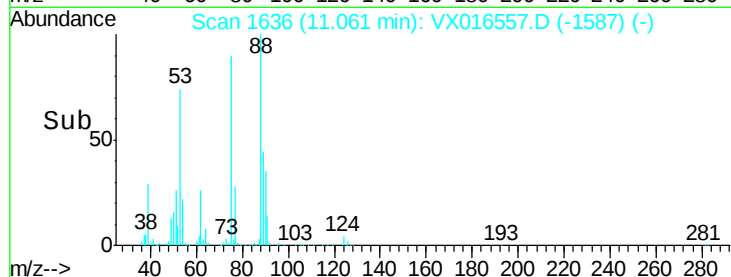
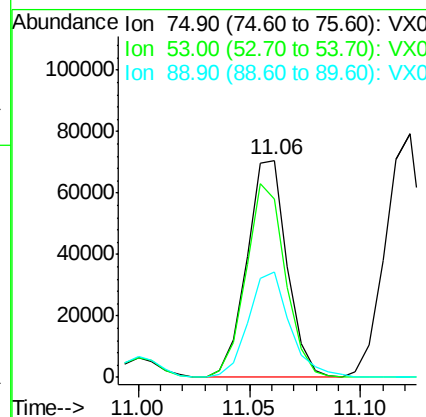
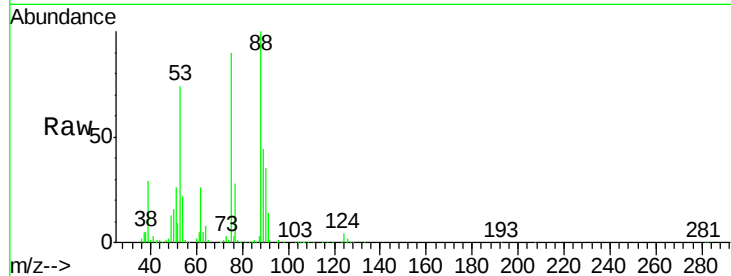
#81
trans-1,4-Dichloro-2-butene
Concen: 52.118 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	87.5	71.3	106.9
89	50.5	36.6	55.0

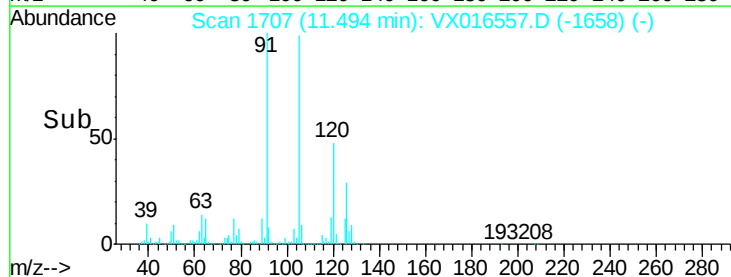
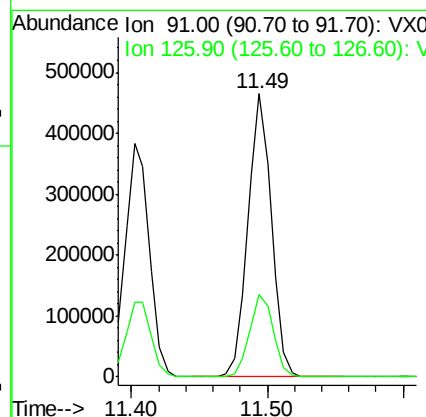
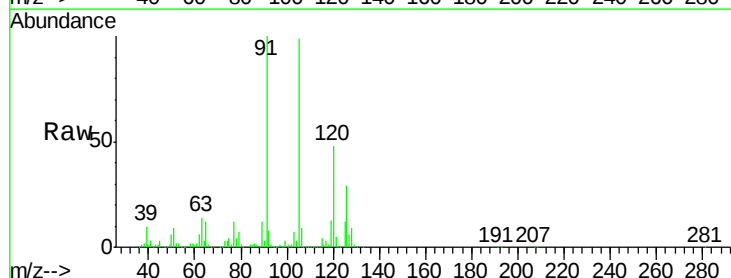
Manual Integrations
APPROVED

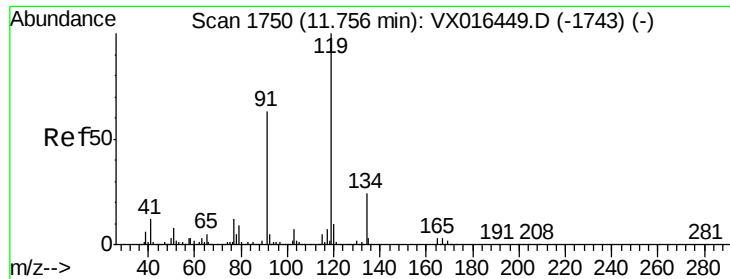
MMDadoda
6/4/2020 3:08:45 PM



#82
4-Chlorotoluene
Concen: 52.524 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.8	14.7	44.1





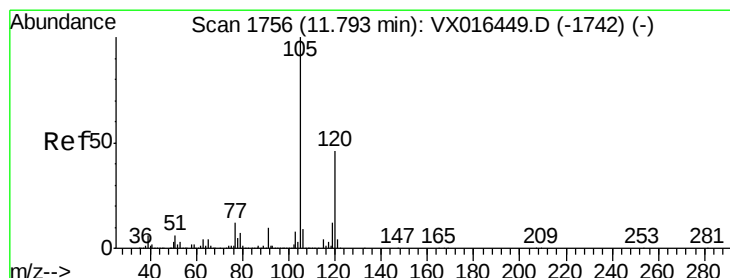
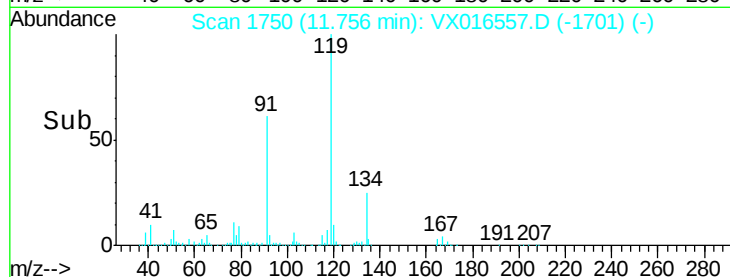
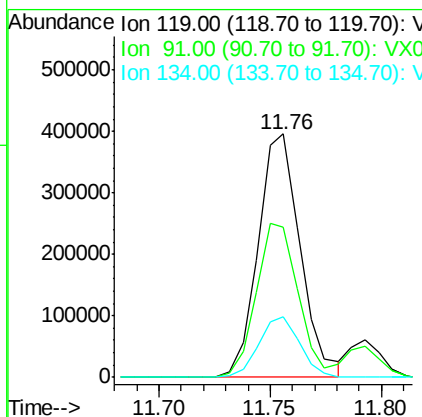
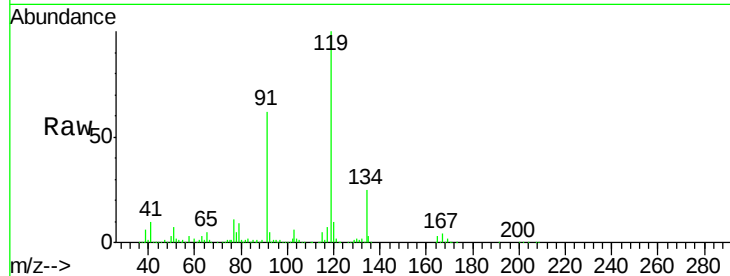
#83
tert-Butylbenzene
Concen: 55.120 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.5	31.3	93.8
134	24.1	12.0	36.0

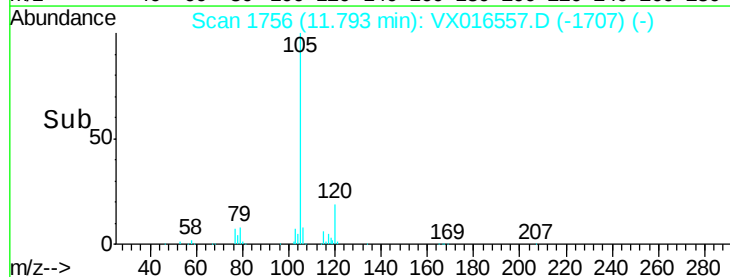
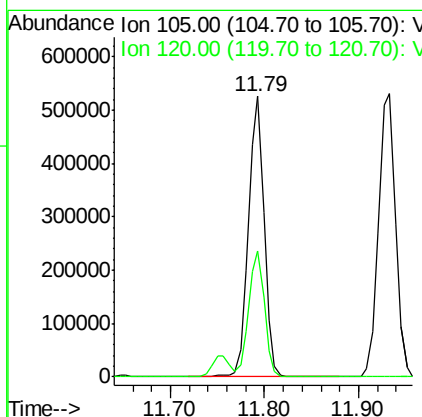
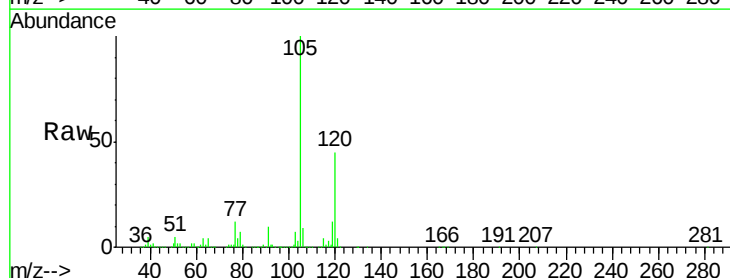
Manual Integrations
APPROVED

MMDadoda
6/4/2020 3:08:45 PM



#84
1,2,4-Trimethylbenzene
Concen: 54.720 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	22.6	67.7





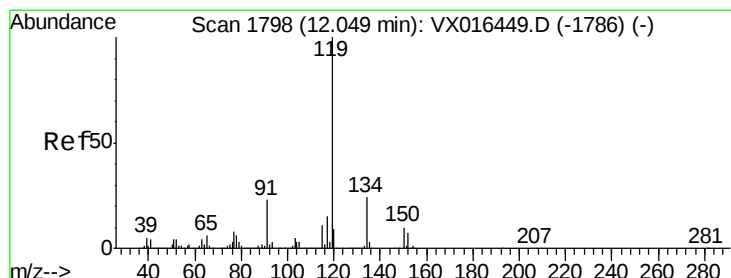
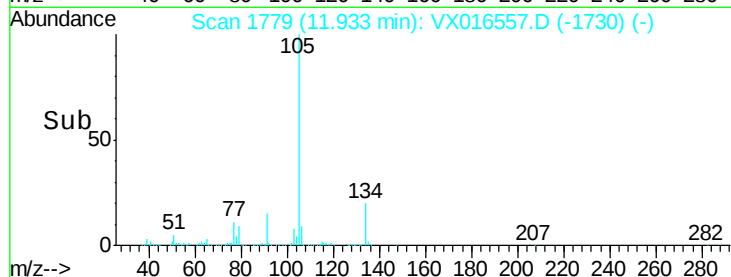
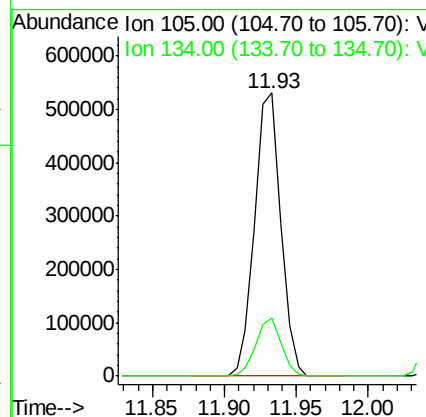
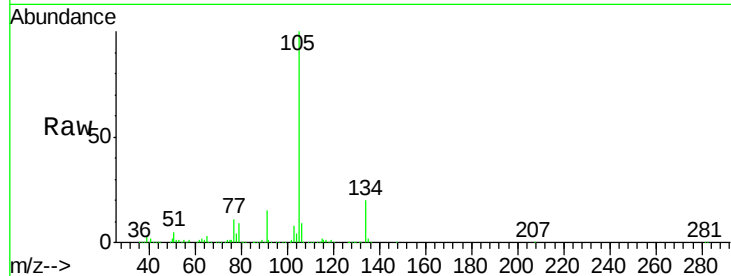
#85
 sec-Butylbenzene
 Concen: 56.009 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX016557.D
 Acq: 03 Jun 2020 10:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.9	10.1	30.3

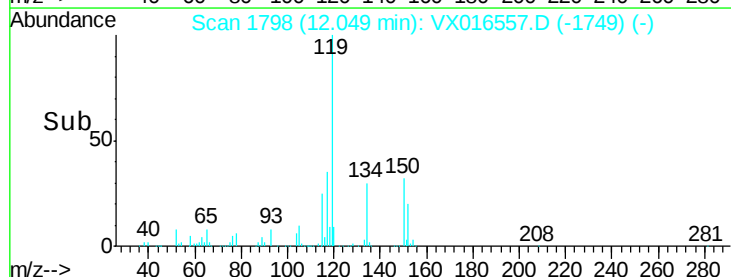
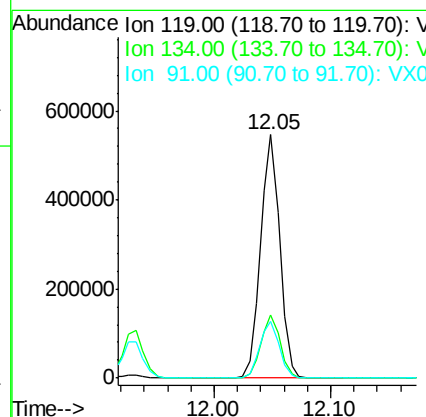
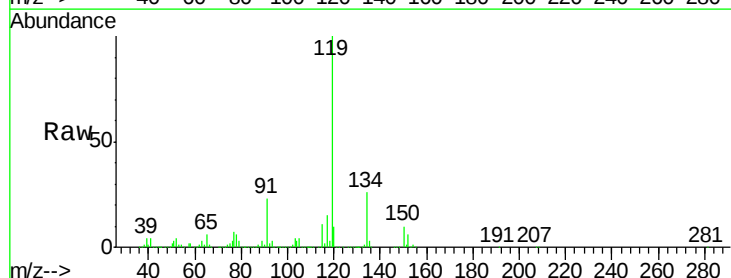
Manual Integrations
 APPROVED

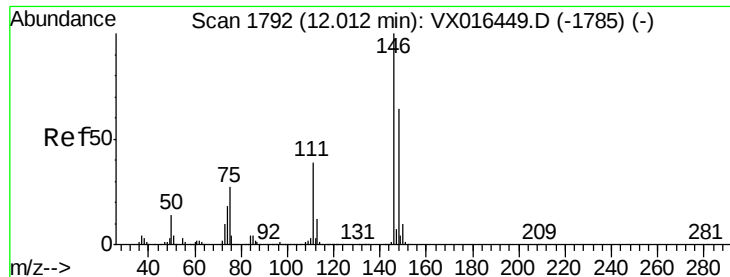
MMDadoda
 6/4/2020 3:08:45 PM



#86
 p-Isopropyltoluene
 Concen: 56.937 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX016557.D
 Acq: 03 Jun 2020 10:36

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.7	38.0
91	23.5	11.7	35.0





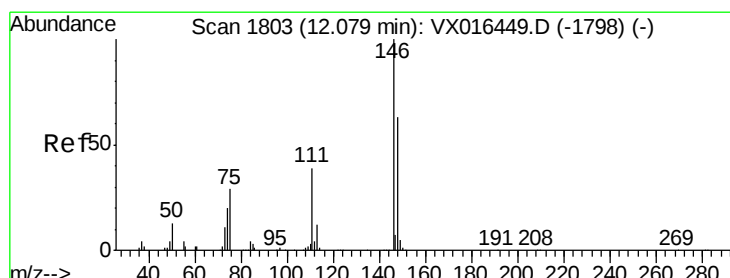
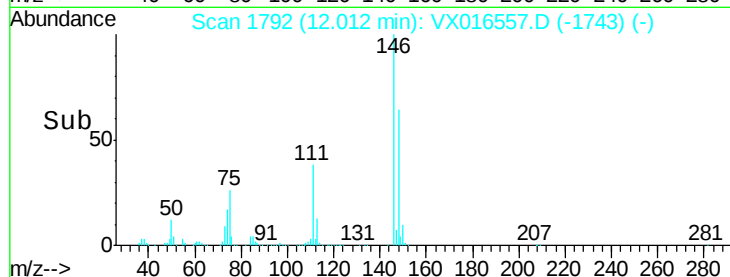
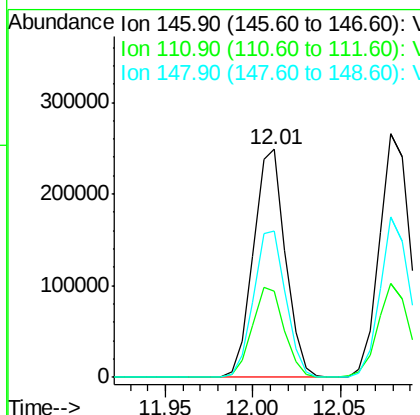
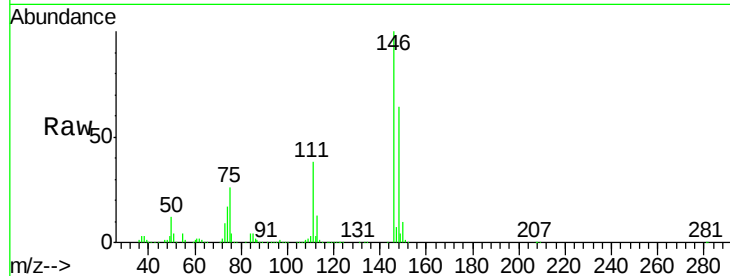
#87
 1,3-Dichlorobenzene
 Concen: 52.521 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016557.D
 Acq: 03 Jun 2020 10:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	60.0
148	64.7	31.9	95.5

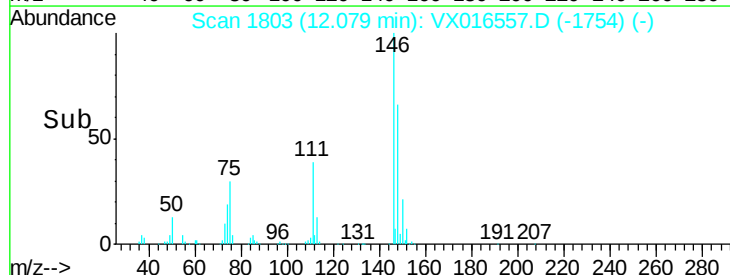
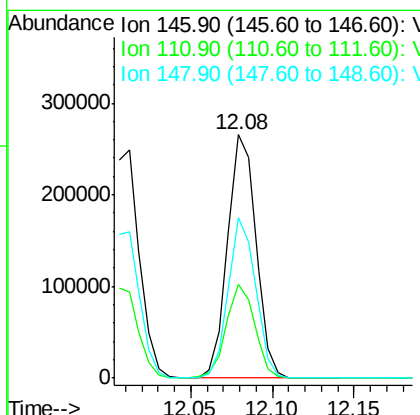
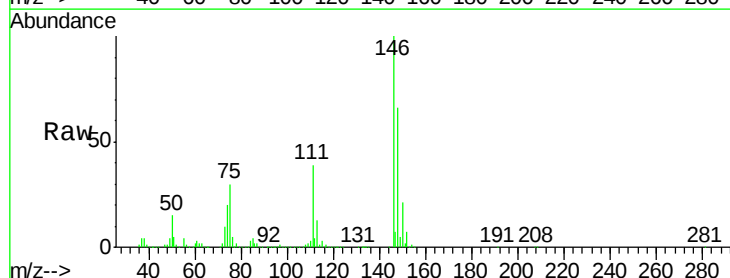
Manual Integrations
 APPROVED

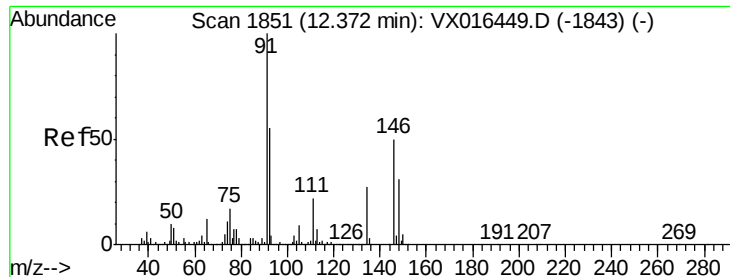
MMDadoda
 6/4/2020 3:08:45 PM



#88
 1,4-Dichlorobenzene
 Concen: 52.482 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016557.D
 Acq: 03 Jun 2020 10:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.4	58.2
148	63.5	31.4	94.3





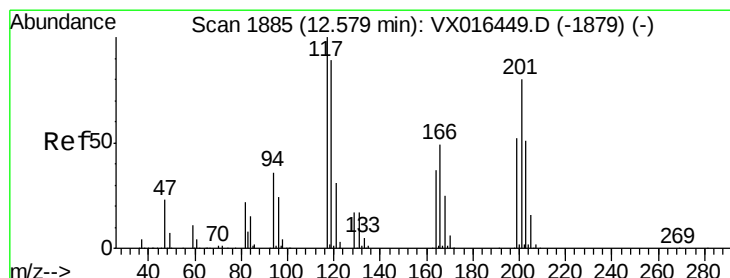
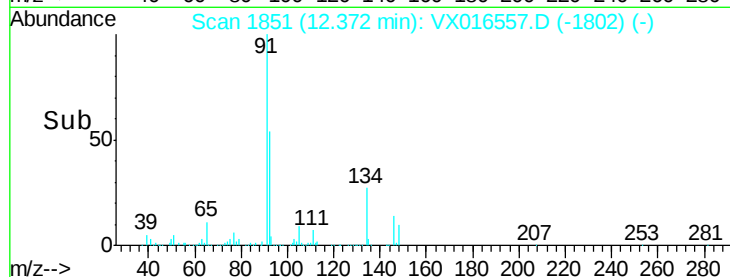
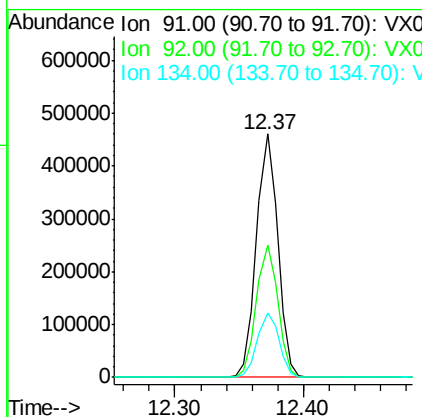
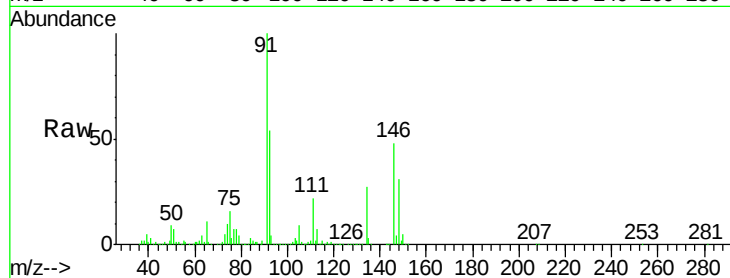
#89
n-Butylbenzene
Concen: 56.624 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.8	27.2	81.5
134	26.9	13.1	39.3

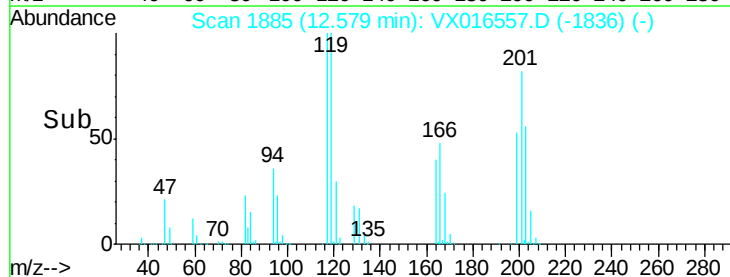
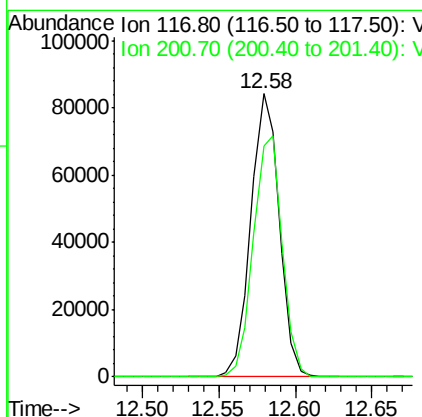
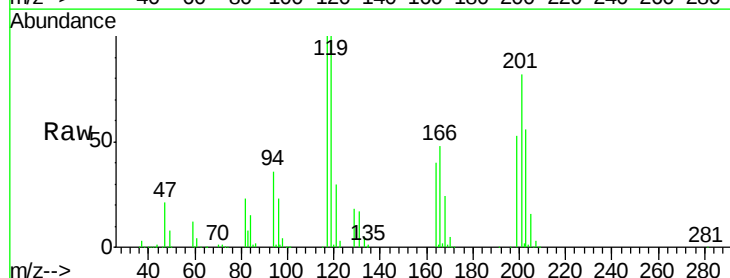
Manual Integrations
APPROVED

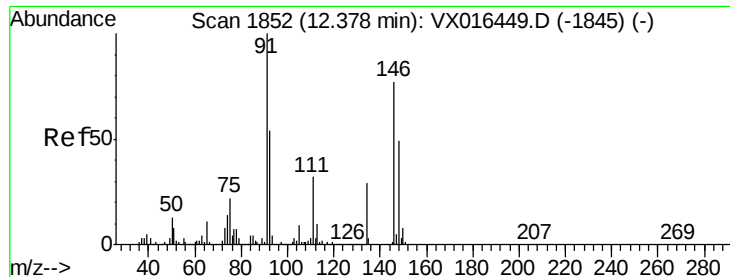
MMDadoda
6/4/2020 3:08:45 PM



#90
Hexachloroethane
Concen: 56.781 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.7	43.1	129.3





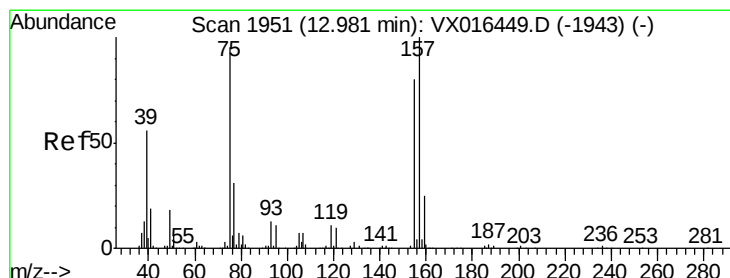
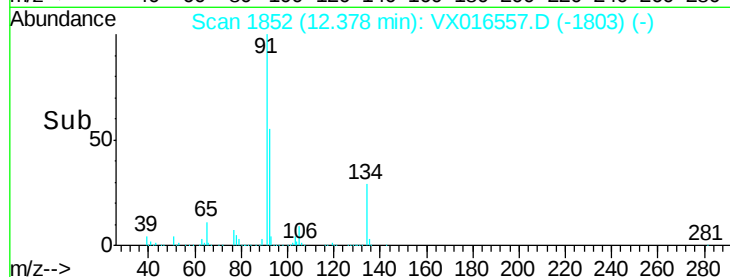
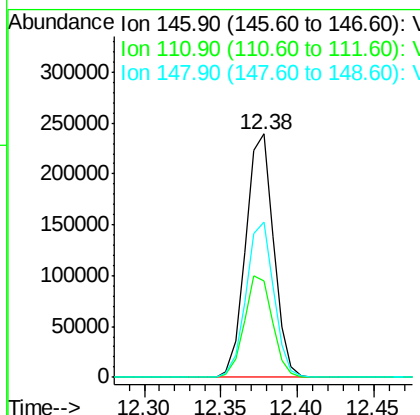
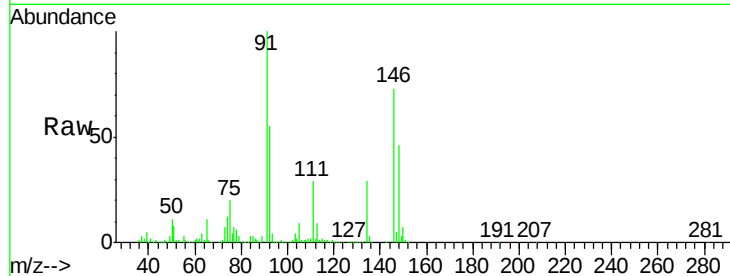
#91
 1,2-Dichlorobenzene
 Concen: 51.959 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016557.D
 Acq: 03 Jun 2020 10:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.4	64.3
148	63.5	31.9	95.7

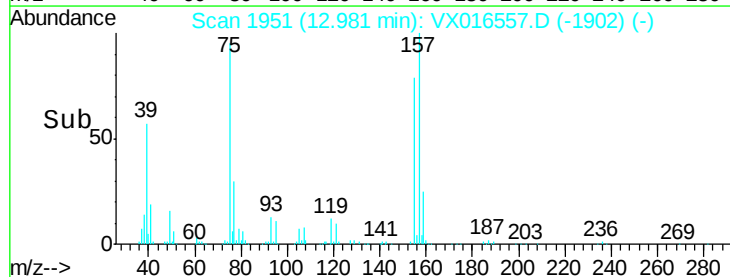
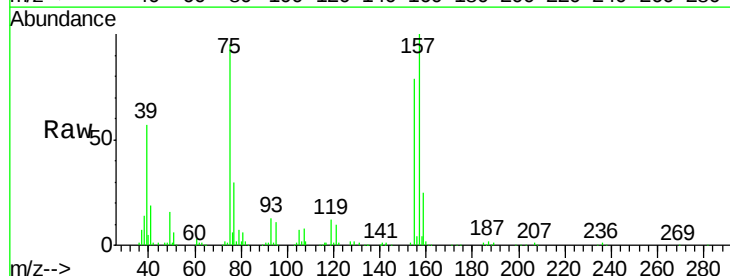
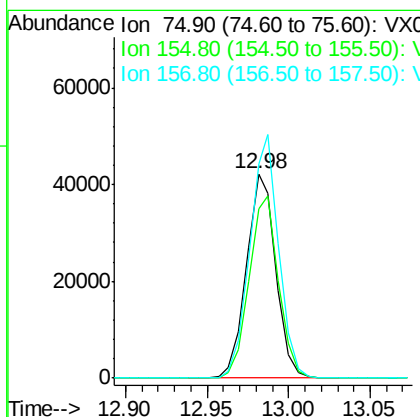
Manual Integrations
 APPROVED

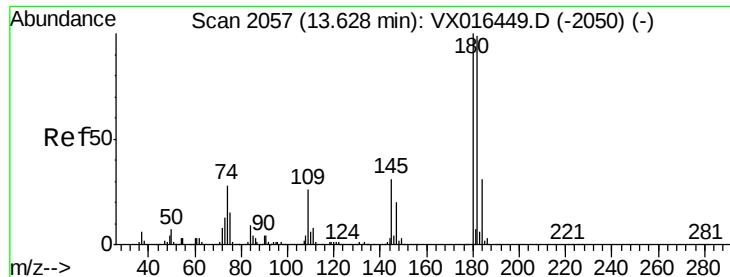
MMDadoda
 6/4/2020 3:08:45 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.057 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016557.D
 Acq: 03 Jun 2020 10:36

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.5	44.1	132.4
157	116.8	57.8	173.3





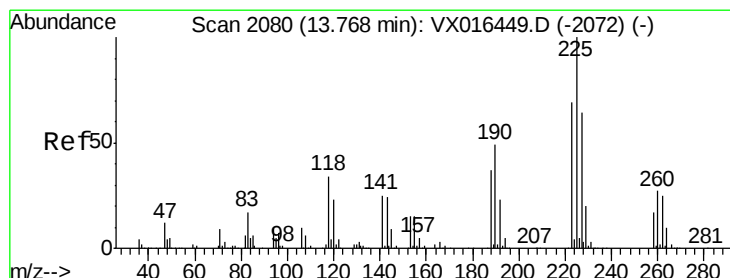
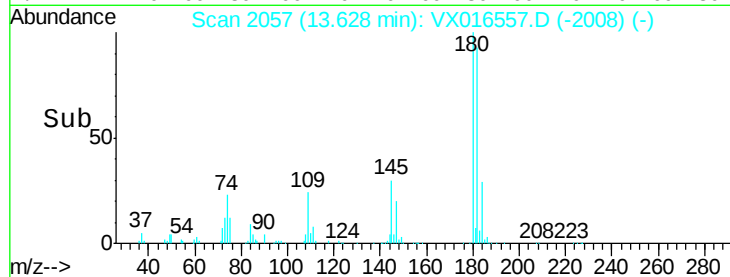
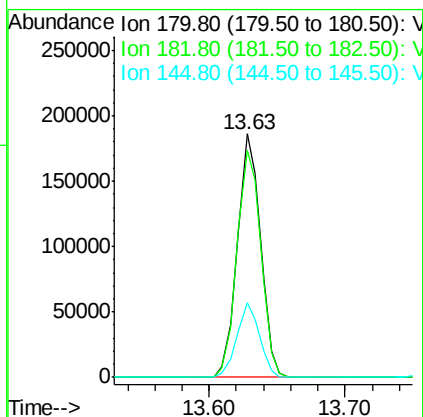
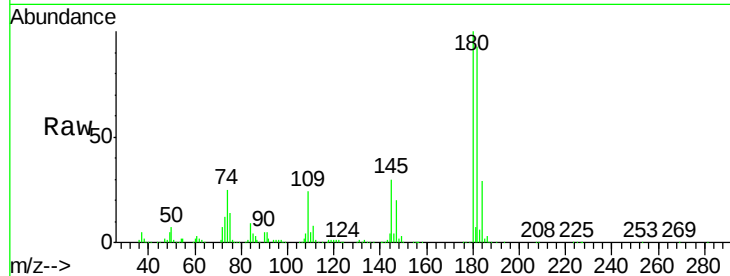
#93
1,2,4-Trichlorobenzene
Concen: 56.863 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	220019		
182	96.3	48.3	144.8	
145	29.9	15.4	46.2	

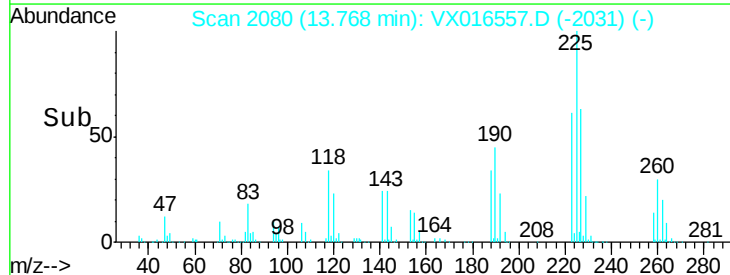
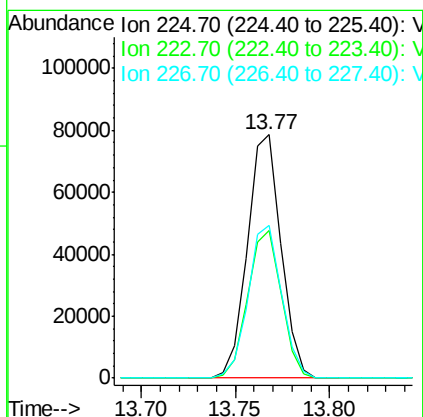
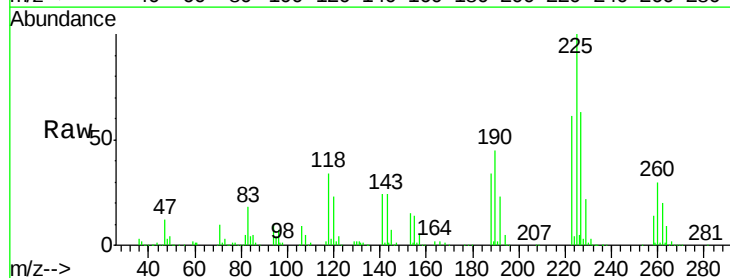
Manual Integrations
APPROVED

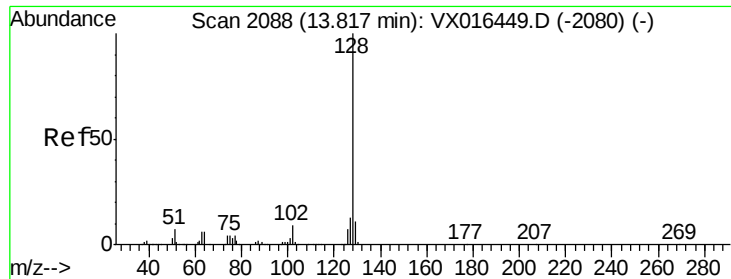
MMDadoda
6/4/2020 3:08:45 PM



#94
Hexachlorobutadiene
Concen: 63.935 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	97129		
223	60.8	32.3	96.8	
227	62.4	31.6	94.7	





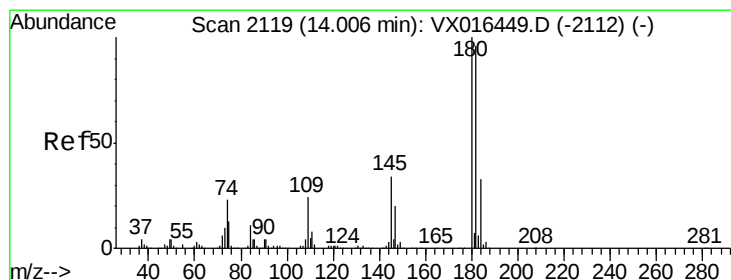
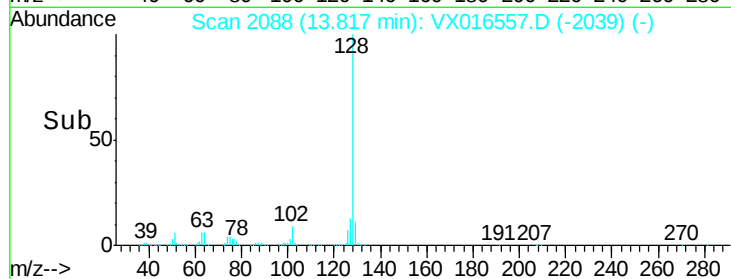
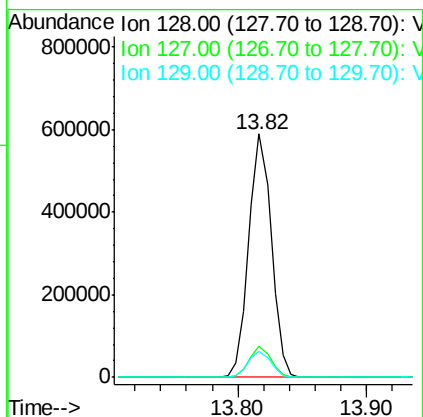
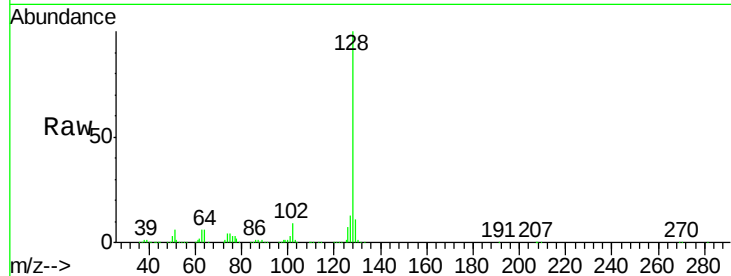
#95
Naphthalene
Concen: 53.644 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	711561		
127	12.7		10.6	15.8
129	11.0		8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/4/2020 3:08:45 PM



#96
1,2,3-Trichlorobenzene
Concen: 56.689 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	214892		
182	94.7		48.6	145.8
145	32.2		16.6	49.8

