

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060820\
 Data File : VX016636.D
 Acq On : 08 Jun 2020 14:21
 Operator : JC/SP
 Sample : L2926-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MS

Manual Integrations
 APPROVED

MMDadoda
 6/9/2020 11:41:20 AM

Quant Time: Jun 09 05:57:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	216264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	332047	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	316032	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	163503	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	127126	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
35) Dibromofluoromethane	5.46	113	102822	50.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.58%	
50) Toluene-d8	8.70	98	382545	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
62) 4-Bromofluorobenzene	11.12	95	149813	48.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	99224	46.622	ug/l	97
3) Chloromethane	1.31	50	109375	42.527	ug/l	100
4) Vinyl Chloride	1.39	62	123044	45.239	ug/l	99
5) Bromomethane	1.62	94	63931	48.342	ug/l	97
6) Chloroethane	1.70	64	76878	48.455	ug/l	100
7) Trichlorofluoromethane	1.91	101	189748	53.121	ug/l	99
8) Diethyl Ether	2.17	74	72771	48.858	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	101420	51.589	ug/l	96
10) Methyl Iodide	2.49	142	108673	46.497	ug/l	99
11) Tert butyl alcohol	3.02	59	158314	229.873	ug/l	99
12) 1,1-Dichloroethene	2.36	96	105089	50.501	ug/l	98
13) Acrolein	2.27	56	81588	278.491	ug/l	96
14) Allyl chloride	2.70	41	168710	44.085	ug/l	96
15) Acrylonitrile	3.12	53	327092	231.855	ug/l	99
16) Acetone	2.42	43	291362	247.615	ug/l	98
17) Carbon Disulfide	2.55	76	267017	43.210	ug/l	100
18) Methyl Acetate	2.75	43	141609	46.922	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	377219	50.482	ug/l	96
20) Methylene Chloride	2.83	84	117937	48.444	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	112088	48.697	ug/l	94
22) Diisopropyl ether	3.82	45	332198	45.187	ug/l	96
23) Vinyl Acetate	3.78	43	1429949	222.216	ug/l	97
24) 1,1-Dichloroethane	3.67	63	206363	49.733	ug/l	99
25) 2-Butanone	4.64	43	441948	221.658	ug/l	94
26) 2,2-Dichloropropane	4.55	77	179376	52.830	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	129189	48.516	ug/l	98
28) Bromochloromethane	4.98	49	78016	40.460	ug/l	84
29) Tetrahydrofuran	5.09	42	293140	227.574	ug/l	94
30) Chloroform	5.18	83	212416	50.806	ug/l	99
31) Cyclohexane	5.55	56	159717	42.786	ug/l	92
32) 1,1,1-Trichloroethane	5.46	97	197064	52.062	ug/l	98
36) 1,1-Dichloropropene	5.77	75	151171	48.085	ug/l	98
37) Ethyl Acetate	4.79	43	161984	42.916	ug/l	97
38) Carbon Tetrachloride	5.76	117	177145	53.617	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060820\
 Data File : VX016636.D
 Acq On : 08 Jun 2020 14:21
 Operator : JC/SP
 Sample : L2926-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MS

Manual Integrations
 APPROVED

MMDadoda
 6/9/2020 11:41:20 AM

Quant Time: Jun 09 05:57:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	160907	47.121	ug/l	97
40) Benzene	6.12	78	462431	49.393	ug/l	99
41) Methacrylonitrile	5.00	41	91009	43.897	ug/l	96
42) 1,2-Dichloroethane	6.17	62	166400	49.978	ug/l	99
43) Isopropyl Acetate	6.42	43	258353	43.882	ug/l	97
44) Trichloroethene	7.19	130	146623	49.361	ug/l	97
45) 1,2-Dichloropropane	7.49	63	114025	47.841	ug/l	99
46) Dibromomethane	7.64	93	80874	50.519	ug/l	96
47) Bromodichloromethane	7.88	83	169988	51.283	ug/l	99
48) Methyl methacrylate	7.74	41	128311	45.517	ug/l	96
49) 1,4-Dioxane	7.71	88	60781	921.342	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	841865	229.647	ug/l	97
52) Toluene	8.77	92	299205	50.680	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	193942	51.455	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	198932	49.863	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	121447	51.738	ug/l	98
56) Ethyl methacrylate	9.16	69	190012	49.703	ug/l	96
57) 1,3-Dichloropropane	9.35	76	201984	50.131	ug/l	99
59) 2-Hexanone	9.48	43	656390	230.246	ug/l	97
60) Dibromochloromethane	9.57	129	143857	54.458	ug/l	99
61) 1,2-Dibromoethane	9.65	107	130140	51.773	ug/l	100
64) Tetrachloroethene	9.32	164	173270	49.005	ug/l	98
65) Chlorobenzene	10.12	112	322970	50.127	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	131103	53.305	ug/l	99
67) Ethyl Benzene	10.23	91	561921	48.985	ug/l	99
68) m/p-Xylenes	10.34	106	431329	101.412	ug/l	100
69) o-Xylene	10.68	106	208621	50.648	ug/l	97
70) Styrene	10.70	104	365115	51.569	ug/l	100
71) Bromoform	10.84	173	113634	54.669	ug/l #	99
73) Isopropylbenzene	11.00	105	563730	49.761	ug/l	98
74) N-amyl acetate	10.88	43	216285	41.506	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.25	83	145118	51.112	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	173466m	48.267	ug/l	
77) Bromobenzene	11.24	156	150746	50.734	ug/l	94
78) n-propylbenzene	11.34	91	608439	48.072	ug/l	98
79) 2-Chlorotoluene	11.40	91	381604	49.394	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	473234	50.028	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	68340	46.776	ug/l	98
82) 4-Chlorotoluene	11.49	91	445218	48.801	ug/l	99
83) tert-Butylbenzene	11.76	119	416992	51.591	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	479728	50.147	ug/l	99
85) sec-Butylbenzene	11.93	105	497108	49.028	ug/l	99
86) p-Isopropyltoluene	12.05	119	488085	51.389	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	255419	49.617	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	263628	50.073	ug/l	100
89) n-Butylbenzene	12.37	91	385386	48.714	ug/l	98
90) Hexachloroethane	12.58	117	84163	51.301	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	253664	50.861	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	43499	47.300	ug/l	96
93) 1,2,4-Trichlorobenzene	13.63	180	170170	51.375	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX060820\
Data File : VX016636.D
Acq On : 08 Jun 2020 14:21
Operator : JC/SP
Sample : L2926-04MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MS

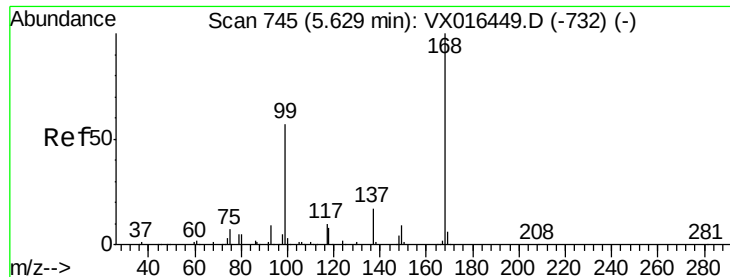
Manual Integrations
APPROVED

MMDadoda
6/9/2020 11:41:20 AM

Quant Time: Jun 09 05:57:57 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	70869	54.494	ug/l	98
95) Naphthalene	13.82	128	574664	50.609	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	170245	52.463	ug/l	98

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



#1

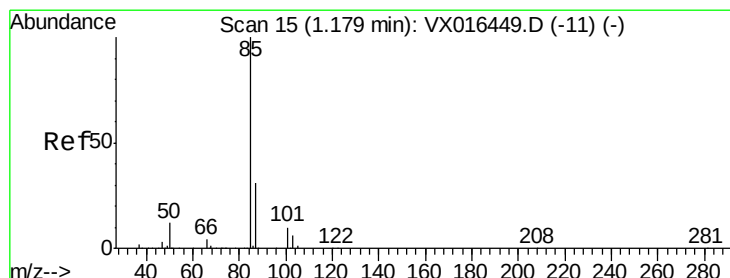
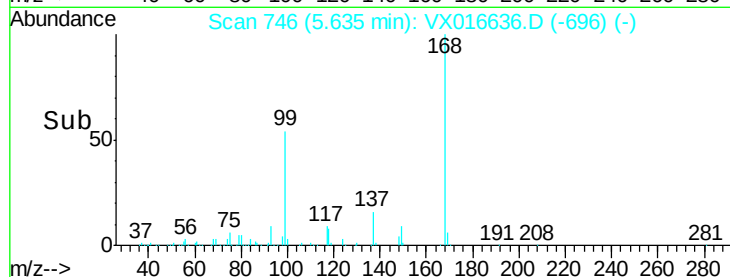
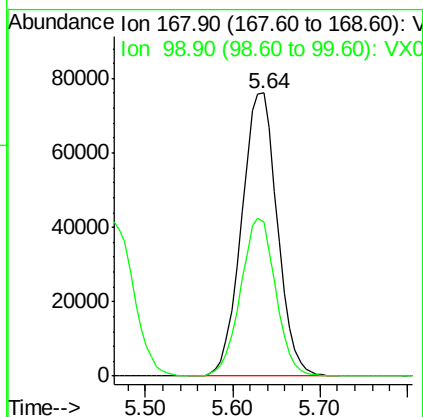
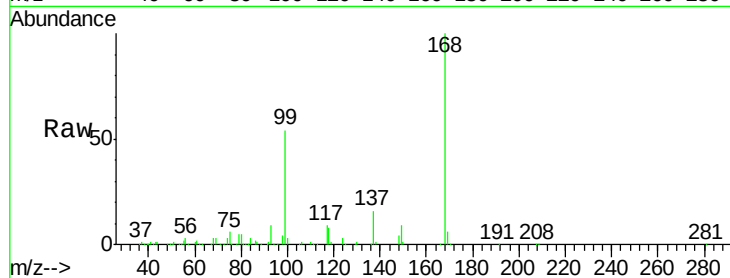
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 746
 Delta R.T. 0.01 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MS

Tot Ion	Ratio	Lower	Upper
168	100		
99	54.2	45.2	67.8

Manual Integrations
 APPROVED

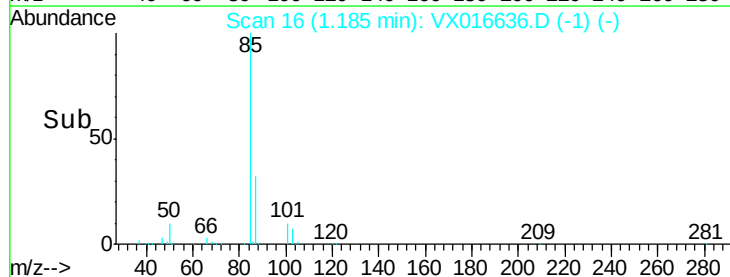
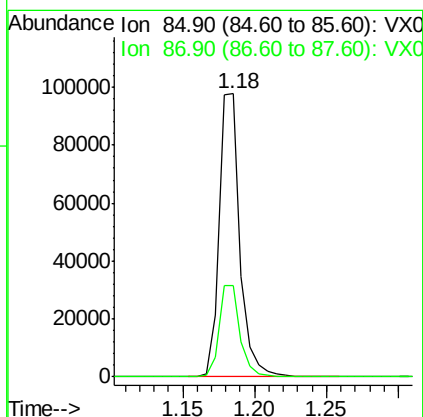
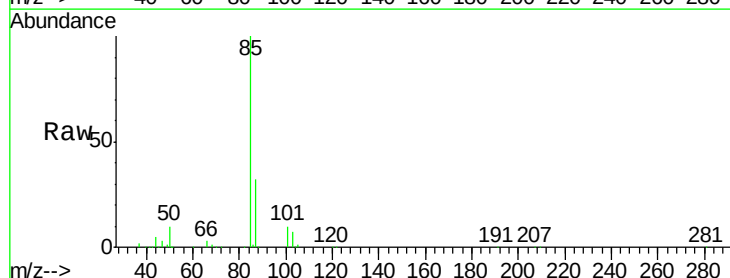
MMDadoda
 6/9/2020 11:41:20 AM

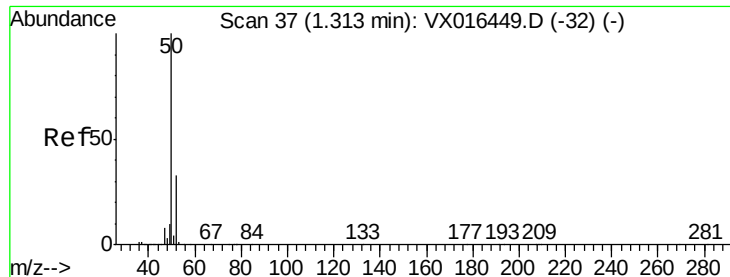


#2

Dichlorodifluoromethane
 Concen: 46.622 ug/l
 RT: 1.18 min Scan# 16
 Delta R.T. 0.01 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	15.4	46.2





#3

Chloromethane

Concen: 42.527 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MS

Tot Ion: 50 Resp: 109375

Ion Ratio Lower Upper

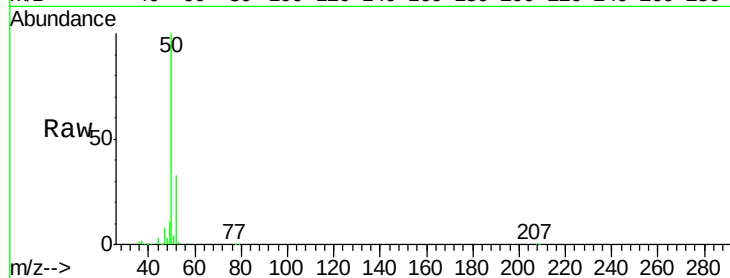
50 100

52 32.9 26.2 39.2

Manual Integrations
APPROVED

MMDadoda

6/9/2020 11:41:20 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

120000

100000

80000

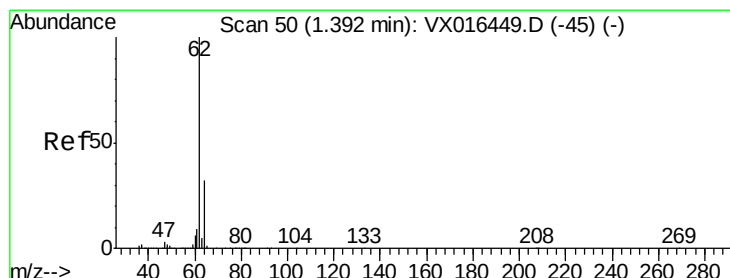
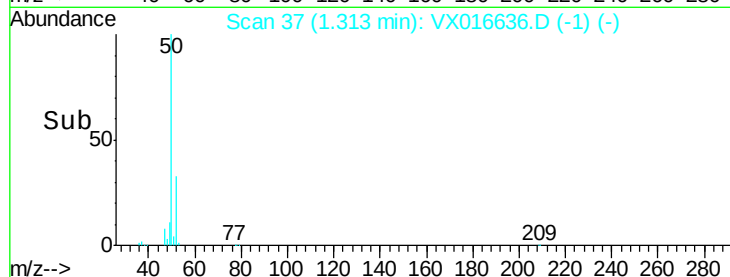
60000

40000

20000

0

Time--> 1.25 1.30 1.35



#4

Vinyl Chloride

Concen: 45.239 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016636.D

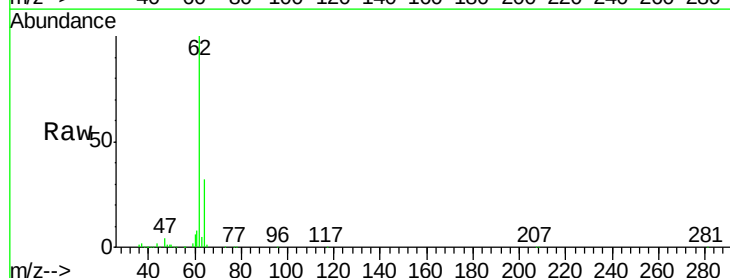
Acq: 08 Jun 2020 14:21

Tgt Ion: 62 Resp: 123044

Ion Ratio Lower Upper

62 100

64 31.8 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

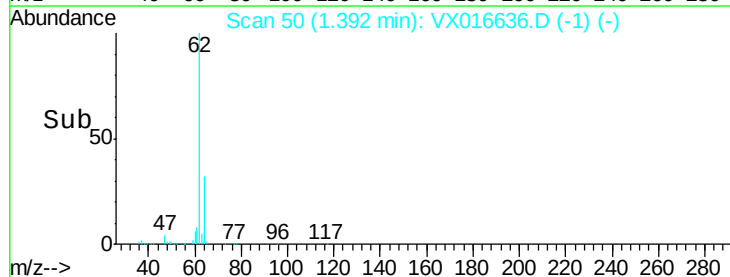
150000

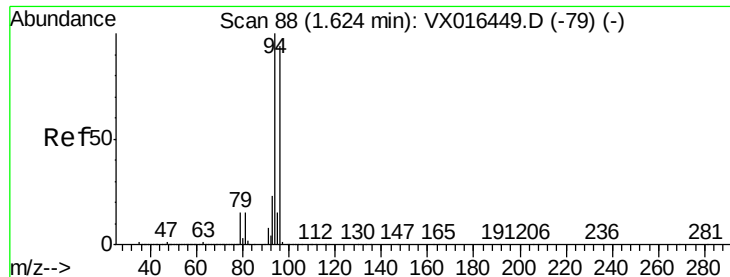
100000

50000

0

Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 48.342 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MS

Tot Ion: 94 Resp: 63931

Ion Ratio Lower Upper

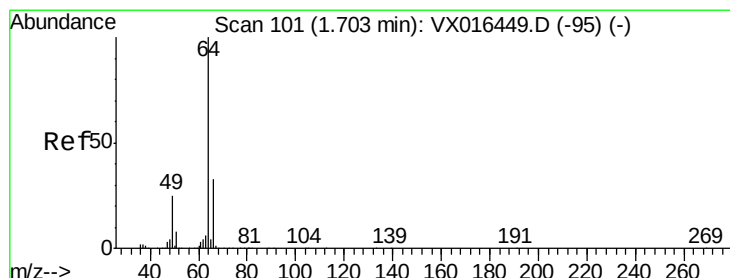
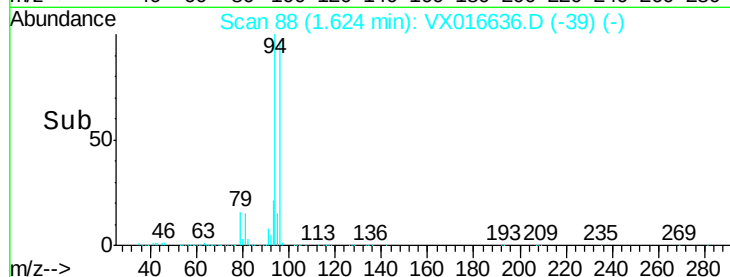
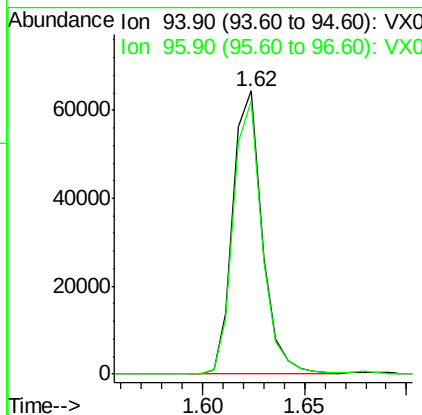
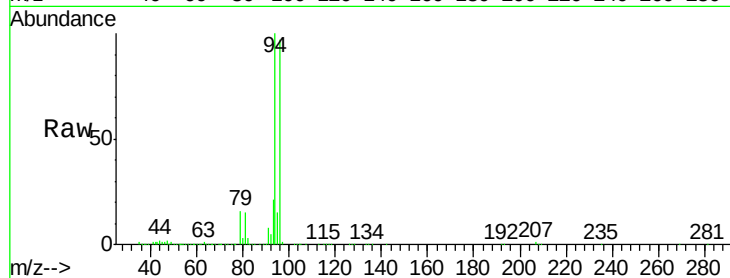
94 100

96 96.5 75.1 112.7

Manual Integrations
APPROVED

MMDadoda

6/9/2020 11:41:20 AM



#6

Chloroethane

Concen: 48.455 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016636.D

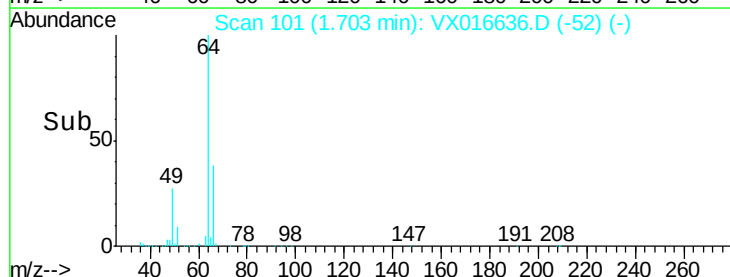
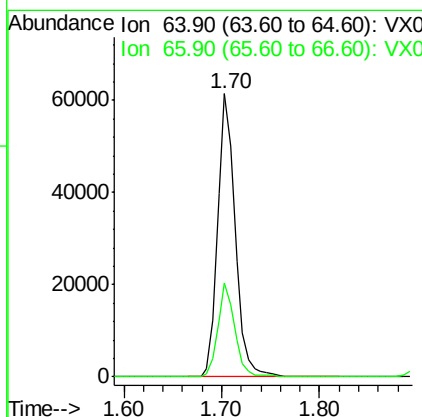
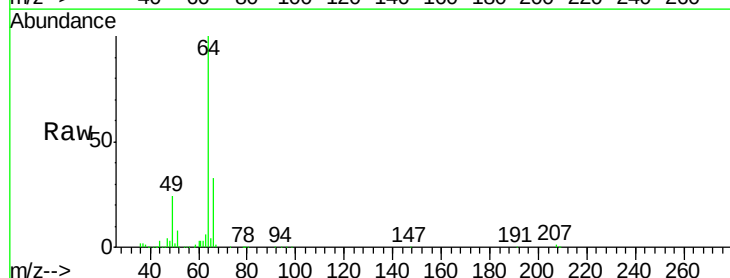
Acq: 08 Jun 2020 14:21

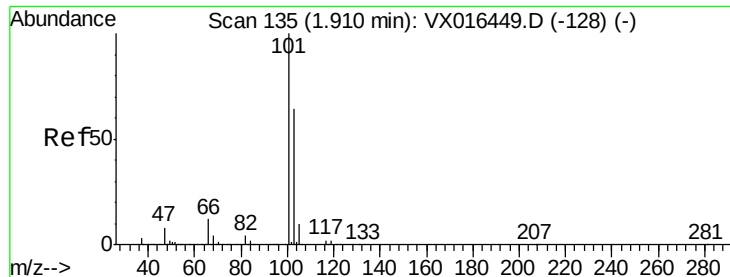
Tgt Ion: 64 Resp: 76878

Ion Ratio Lower Upper

64 100

66 33.1 26.7 40.1





#7

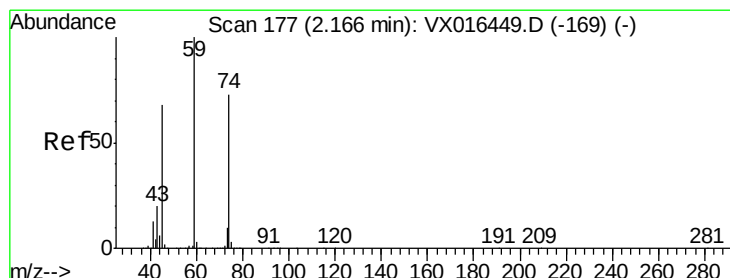
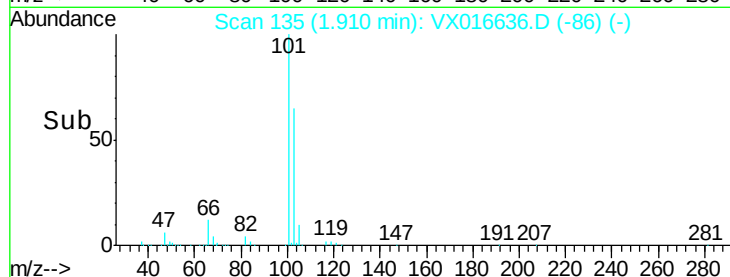
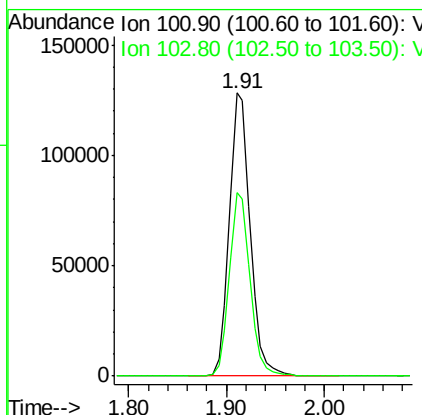
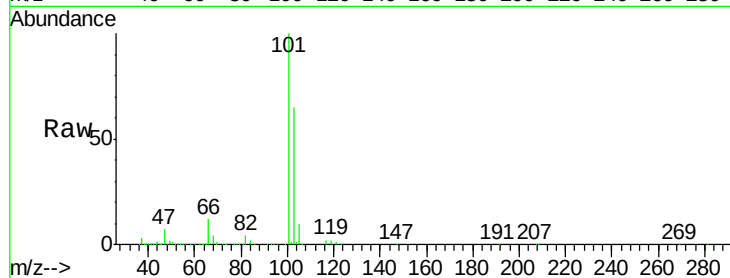
Trichlorofluoromethane
Concen: 53.121 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MS

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	50.9	76.3

Manual Integrations
APPROVED

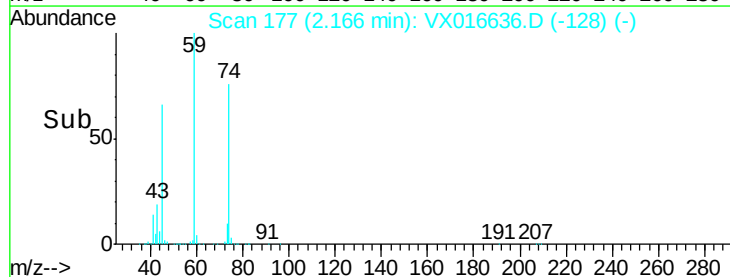
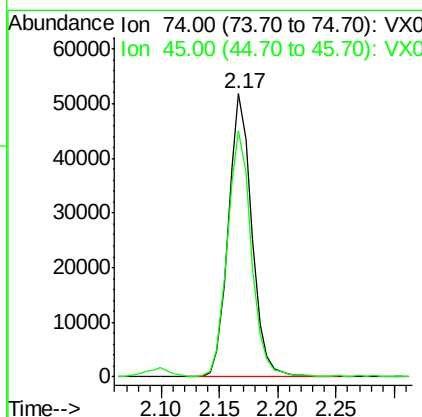
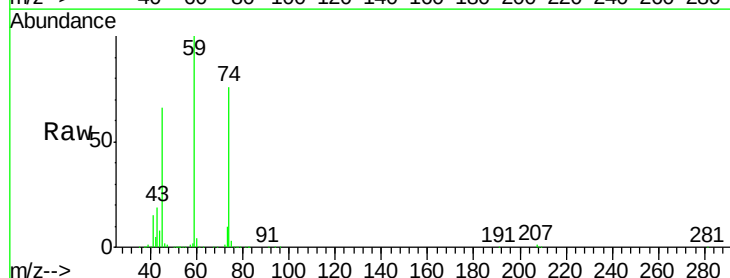
MMDadoda
6/9/2020 11:41:20 AM

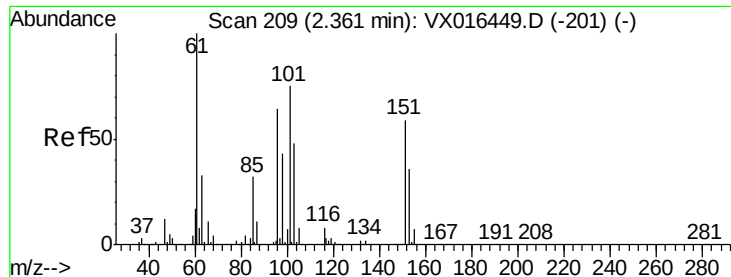


#8

Diethyl Ether
Concen: 48.858 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Tgt Ion	Ratio	Lower	Upper
74	100		
45	87.9	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.589 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

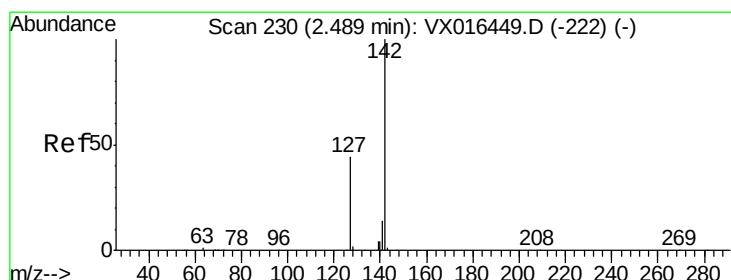
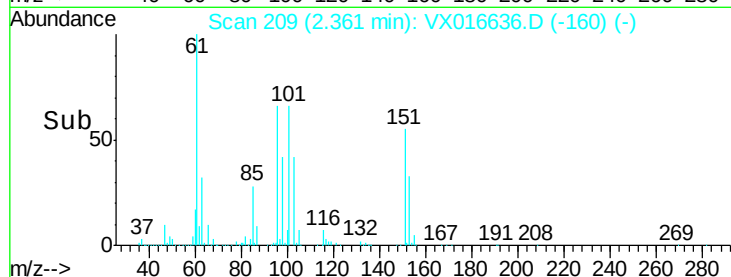
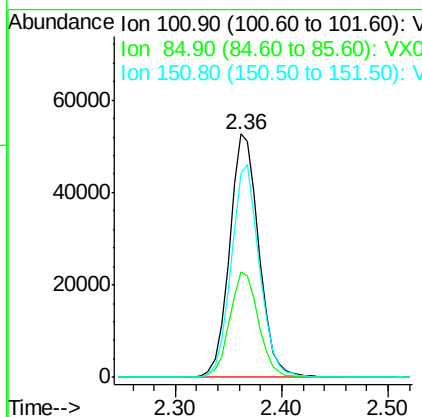
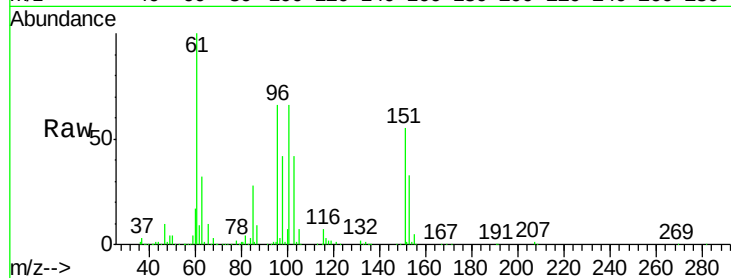
ClientSampleId :

SA-PZ134I-20200604MS

Tot Ion:	101	Resp:	101420
Ion Ratio	Lower	Upper	
101	100		
85	42.9	34.4	51.6
151	84.6	63.8	95.6

Manual Integrations
APPROVED

MMDadoda
6/9/2020 11:41:20 AM



#10

Methyl Iodide

Concen: 46.497 ug/l

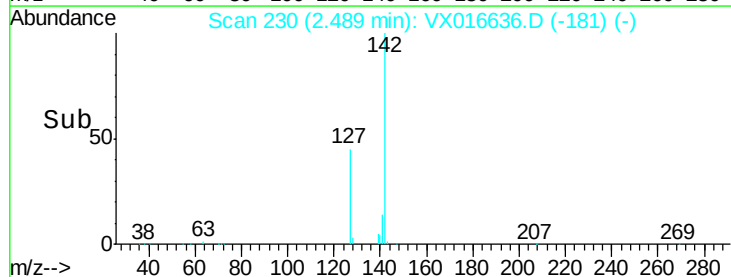
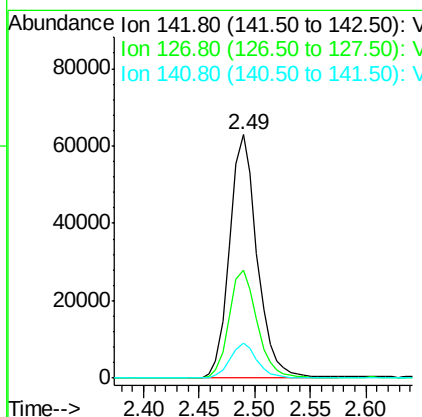
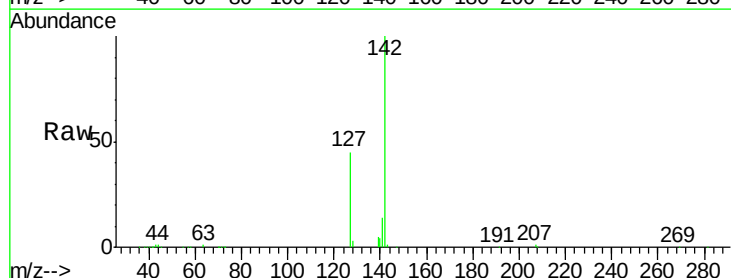
RT: 2.49 min Scan# 230

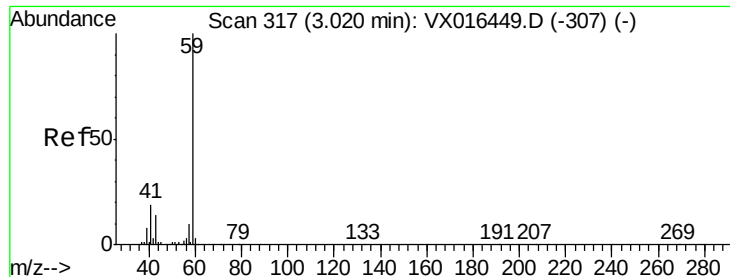
Delta R.T. 0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Tgt Ion:	142	Resp:	108673
Ion Ratio	Lower	Upper	
142	100		
127	45.0	35.3	52.9
141	14.2	11.4	17.2





#11

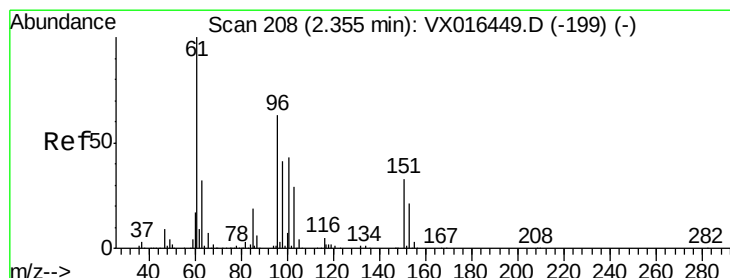
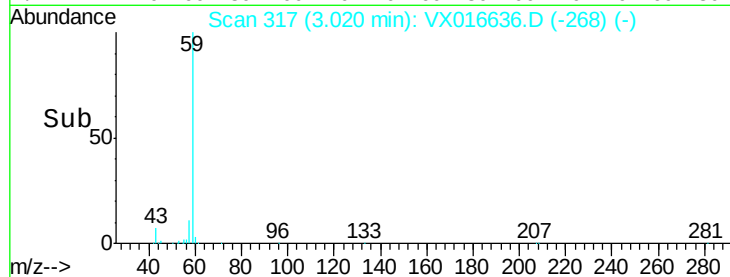
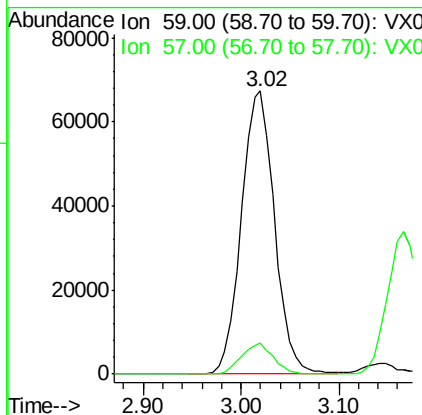
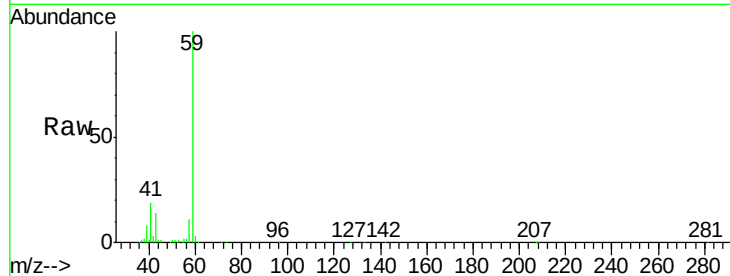
Tert butyl alcohol
 Concen: 229.873 ug/l
 RT: 3.02 min Scan# 317
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.2	12.4

Manual Integrations
 APPROVED

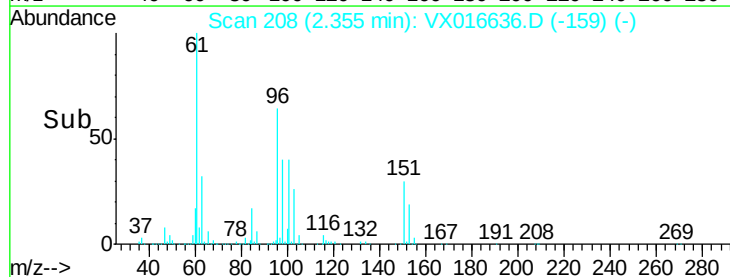
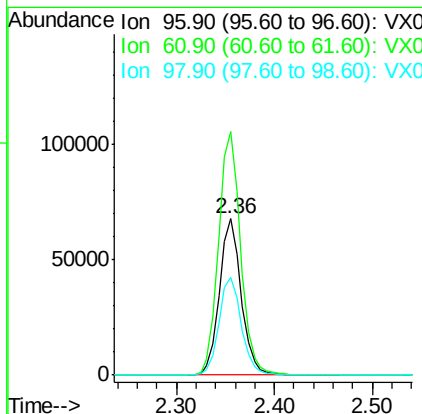
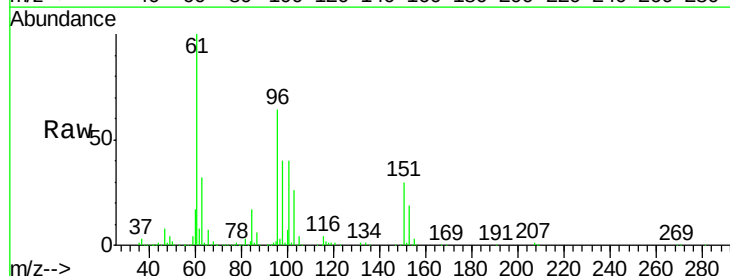
MMDadoda
 6/9/2020 11:41:20 AM

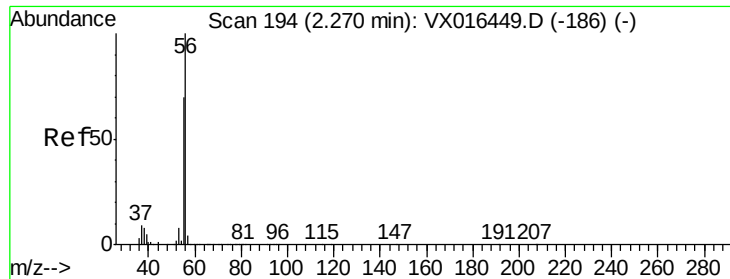


#12

1,1-Dichloroethene
 Concen: 50.501 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

Tgt Ion	Ratio	Lower	Upper
96	100		
61	155.5	126.6	189.8
98	62.8	51.3	76.9





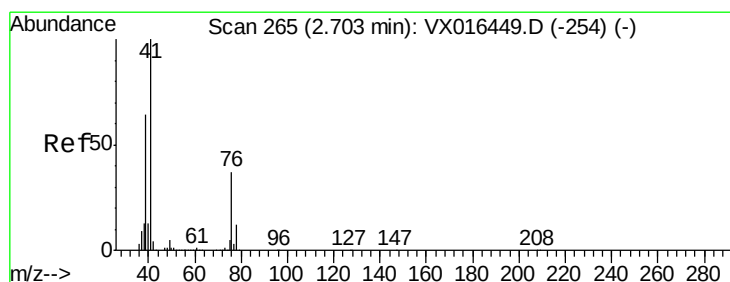
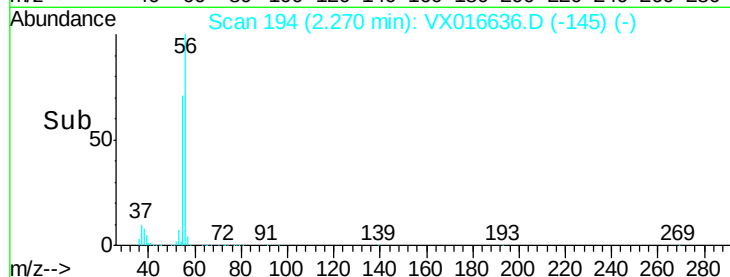
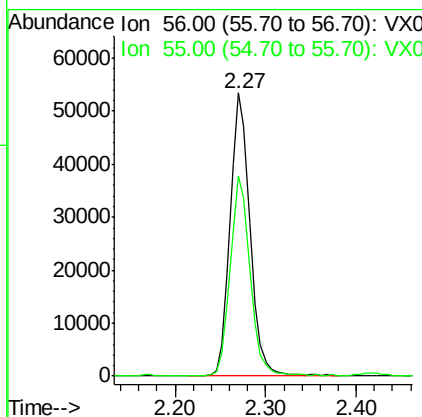
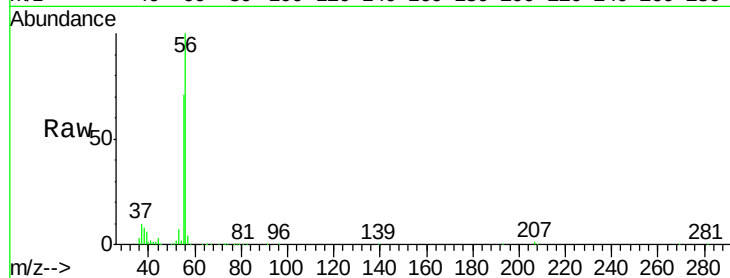
#13
Acrolein
Concen: 278.491 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MS

Tot Ion	56	Resp	81588
Ion Ratio	100	Lower	Upper
55	69.5	58.3	87.5

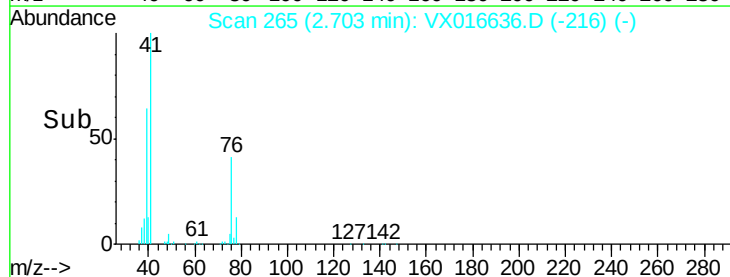
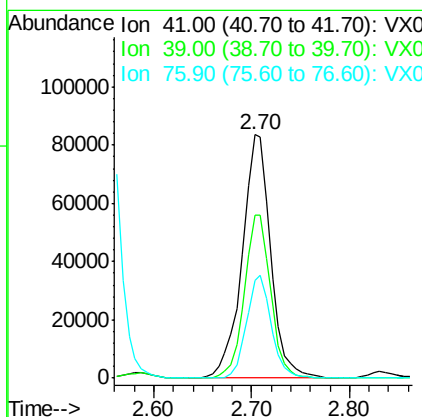
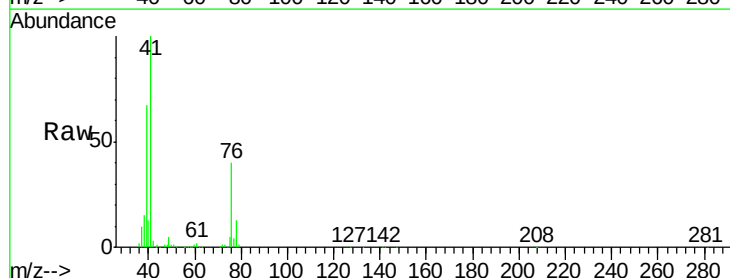
Manual Integrations
APPROVED

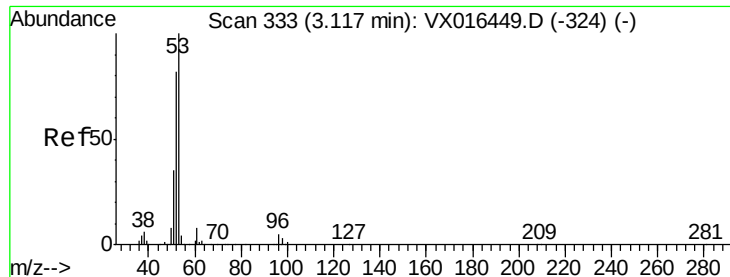
MMDadoda
6/9/2020 11:41:20 AM



#14
Allyl chloride
Concen: 44.085 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Tgt Ion	41	Resp	168710
Ion Ratio	100	Lower	Upper
39	61.9	47.7	71.5
76	36.8	26.6	40.0





#15

Acrylonitrile

Concen: 231.855 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

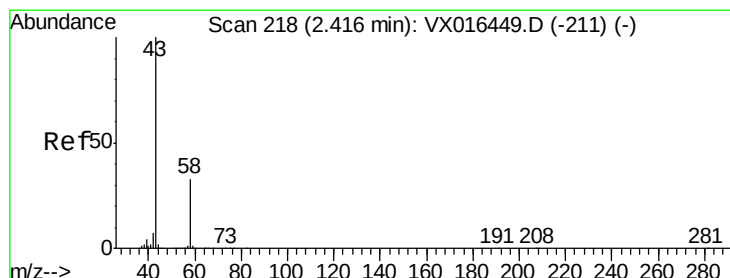
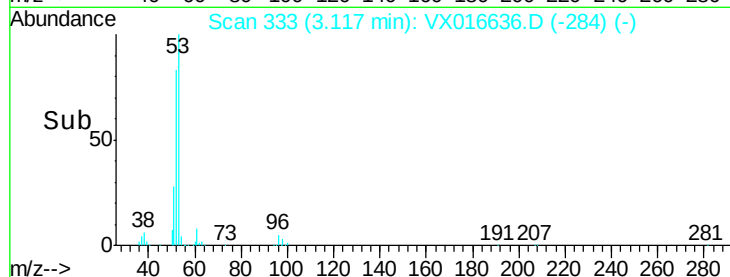
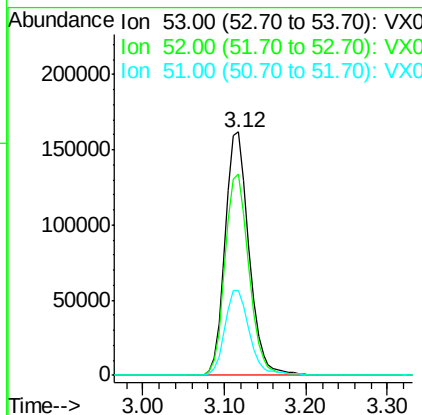
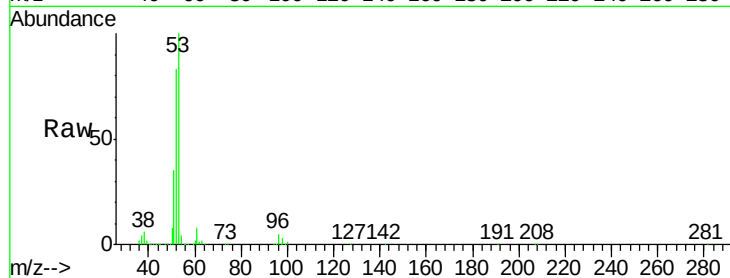
ClientSampleId :

SA-PZ134I-20200604MS

Tot Ion:	53	Resp:	327092
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.7	100.1
51	35.9	28.6	43.0

Manual Integrations
APPROVED

MMDadoda
6/9/2020 11:41:20 AM



#16

Acetone

Concen: 247.615 ug/l

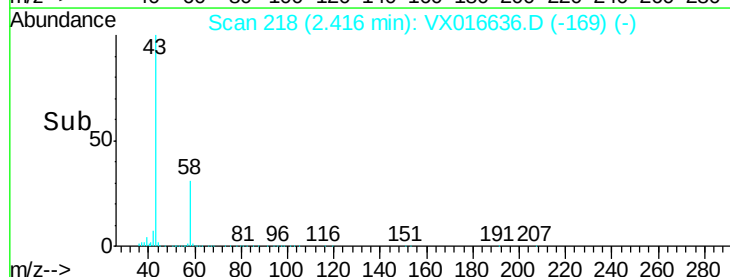
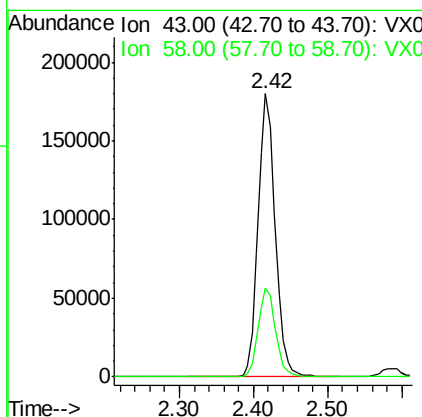
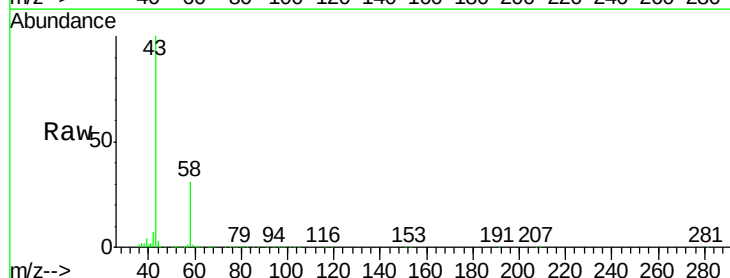
RT: 2.42 min Scan# 218

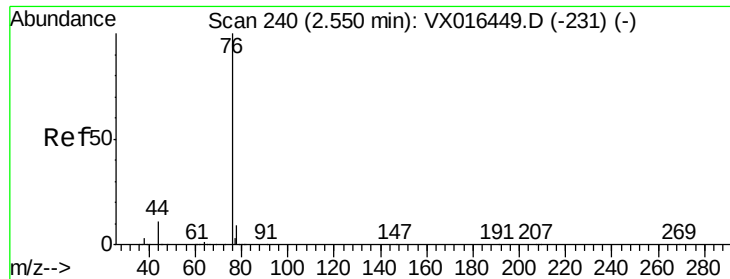
Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Tgt Ion:	43	Resp:	291362
Ion Ratio	Lower	Upper	
43	100		
58	31.3	26.1	39.1





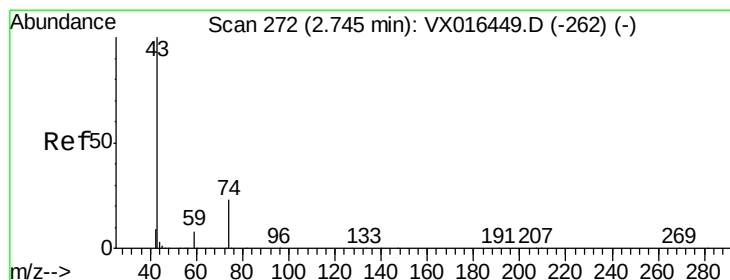
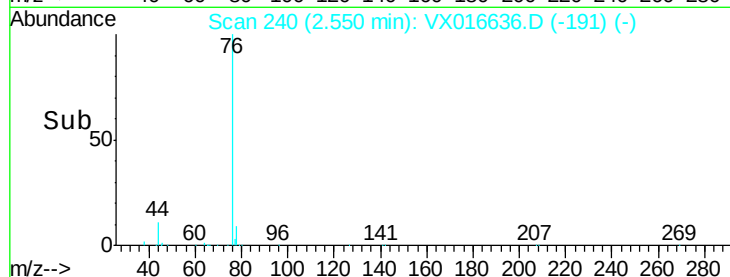
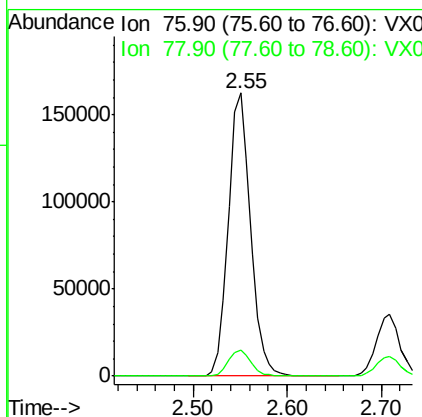
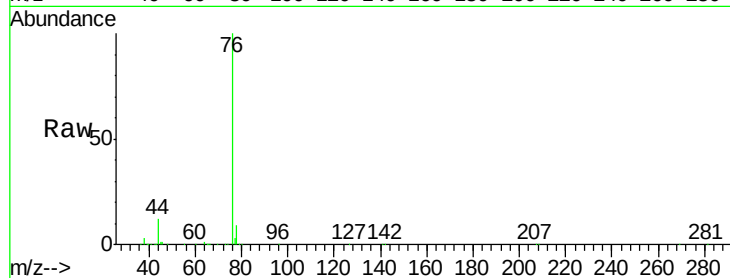
#17
Carbon Disulfide
Concen: 43.210 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.0

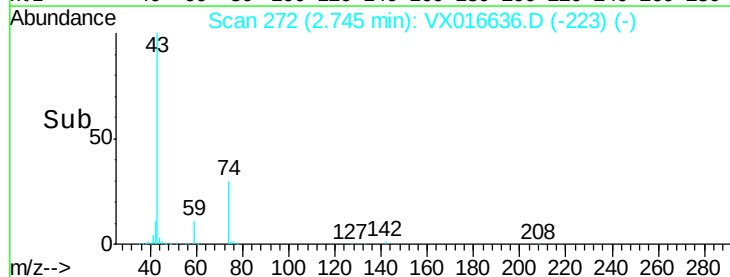
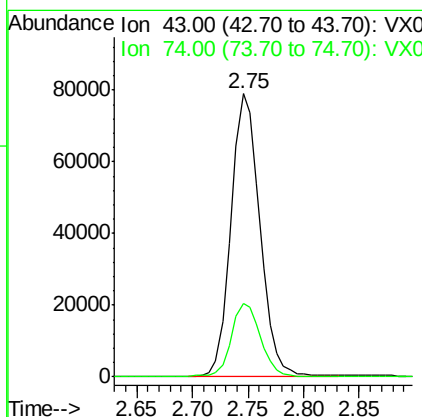
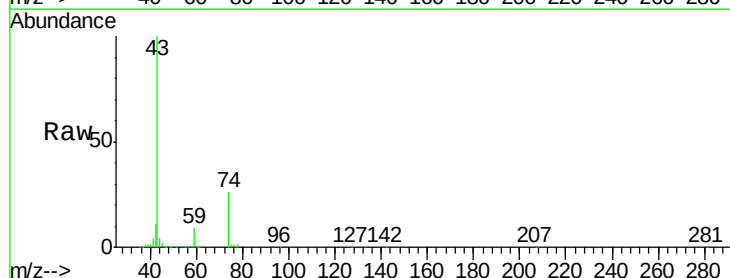
Manual Integrations
APPROVED

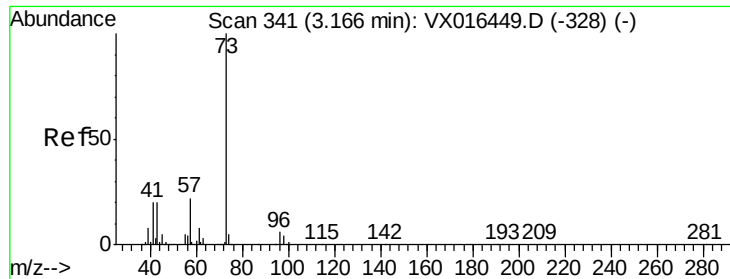
MMDadoda
6/9/2020 11:41:20 AM



#18
Methyl Acetate
Concen: 46.922 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.7	19.7	29.5





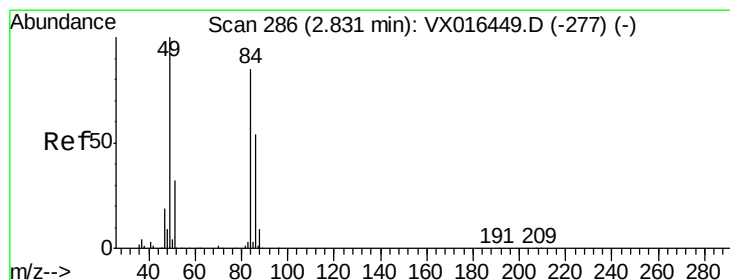
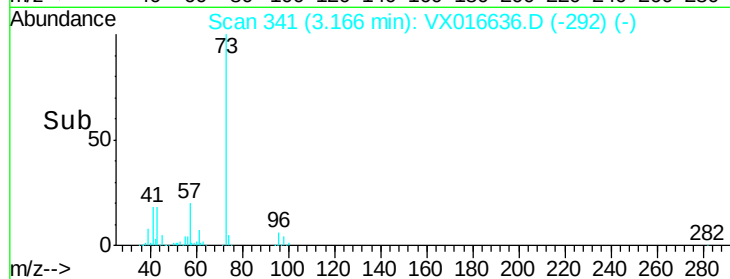
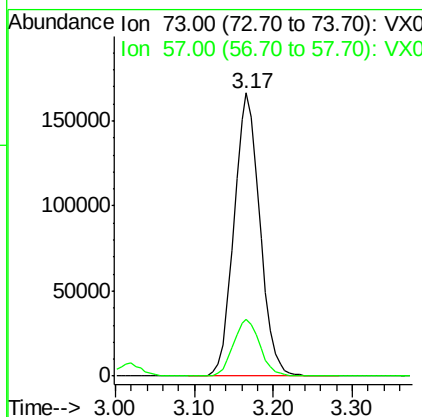
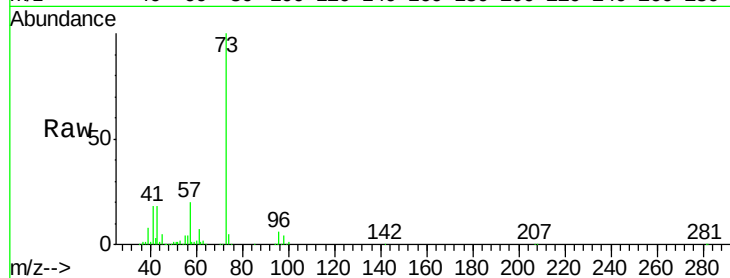
#19
Methyl tert-butyl Ether
Concen: 50.482 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.3	17.8	26.6

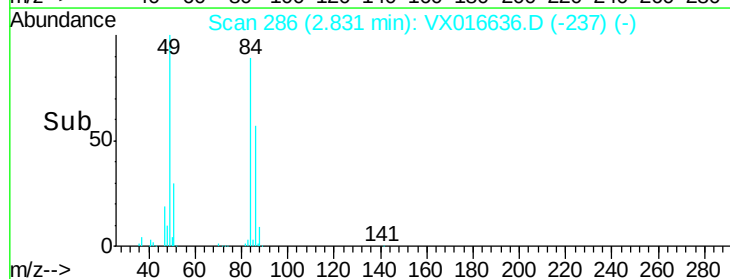
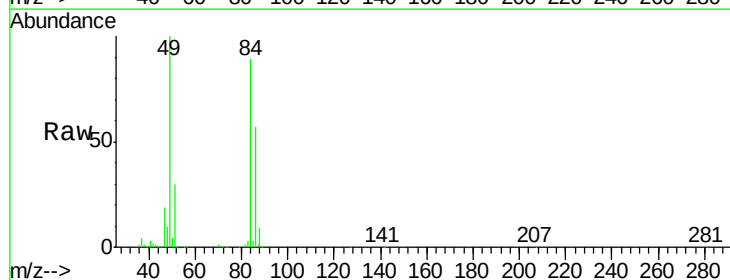
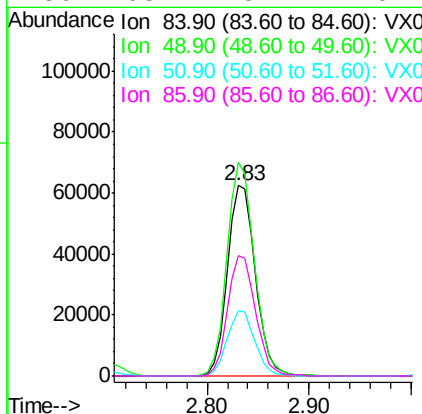
Manual Integrations
APPROVED

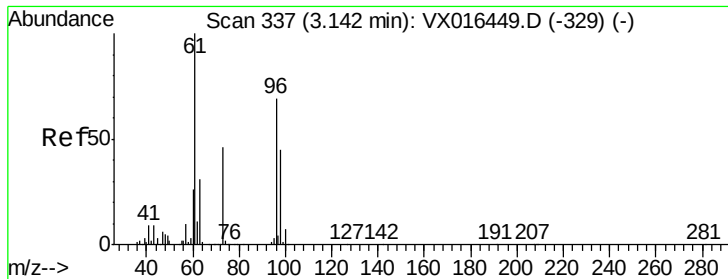
MMDadoda
6/9/2020 11:41:20 AM



#20
Methylene Chloride
Concen: 48.444 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Tgt Ion	Ratio	Lower	Upper
84	100		
49	112.1	94.5	141.7
51	34.1	30.2	45.4
86	63.4	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 48.697 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

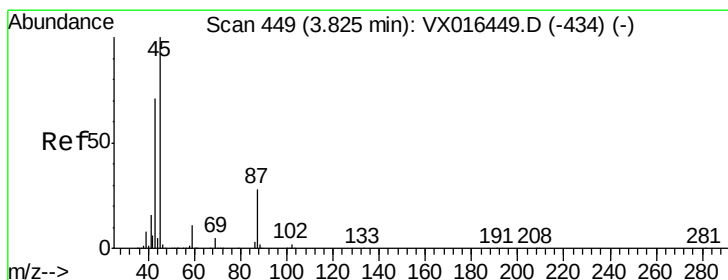
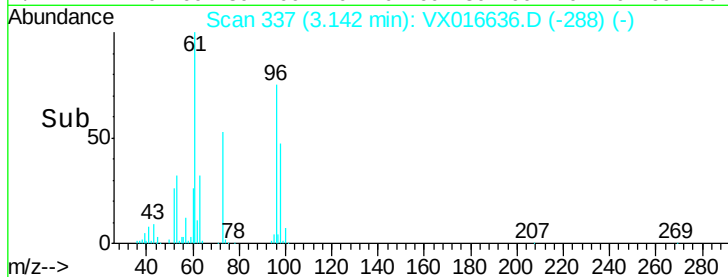
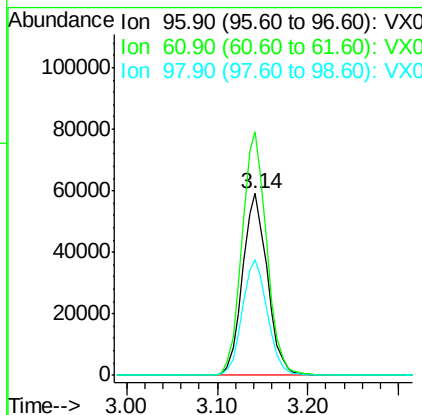
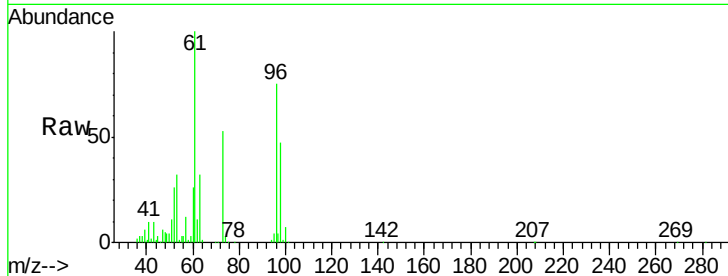
ClientSampleId :

SA-PZ134I-20200604MS

Tot Ion:	96	Resp:	112088
Ion Ratio	Lower	Upper	
96	100		
61	134.0	115.3	172.9
98	63.6	51.9	77.9

Manual Integrations
APPROVED

MMDadoda
6/9/2020 11:41:20 AM



#22

Diisopropyl ether

Concen: 45.187 ug/l

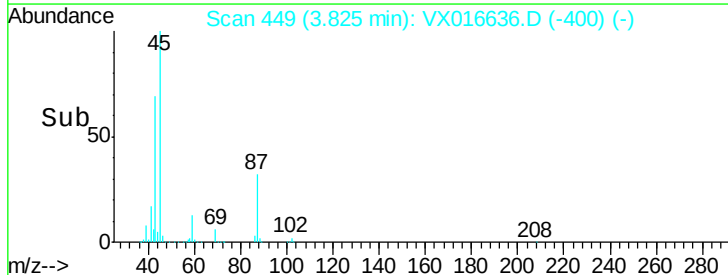
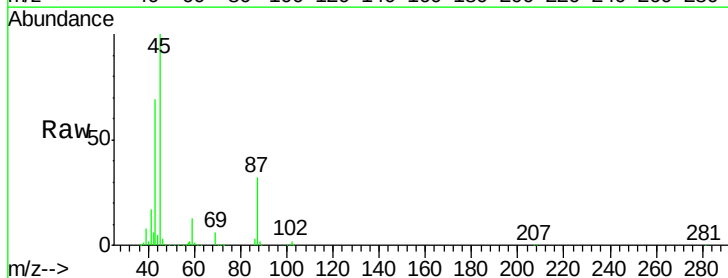
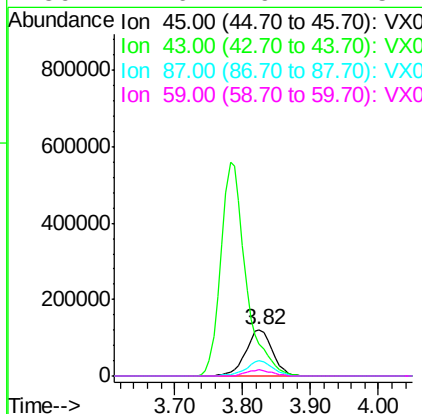
RT: 3.82 min Scan# 449

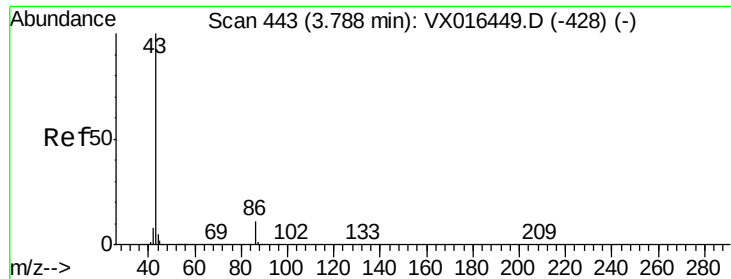
Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Tgt Ion:	45	Resp:	332198
Ion Ratio	Lower	Upper	
45	100		
43	68.9	57.0	85.6
87	32.2	22.5	33.7
59	12.6	9.1	13.7





#23

Vinyl Acetate

Concen: 222.216 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MS

Tot Ion: 43 Resp: 1429949

Ion Ratio Lower Upper

43 100

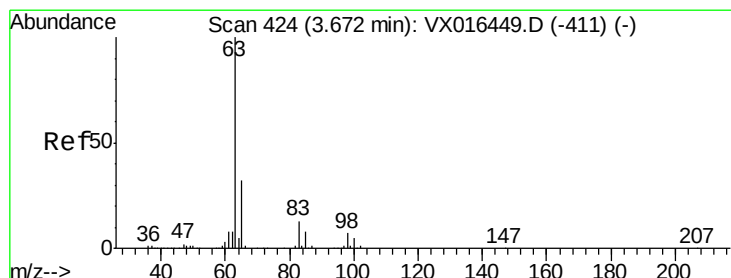
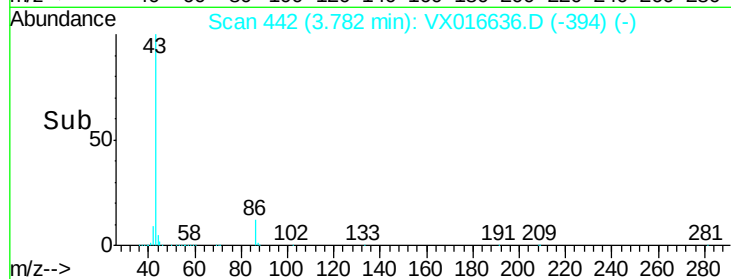
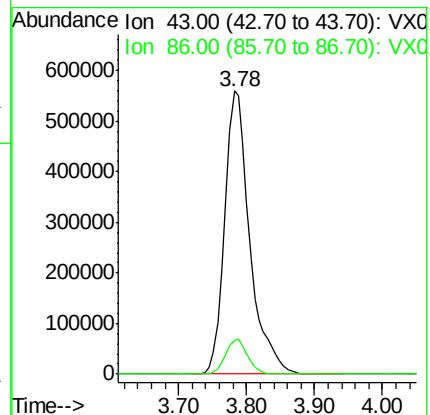
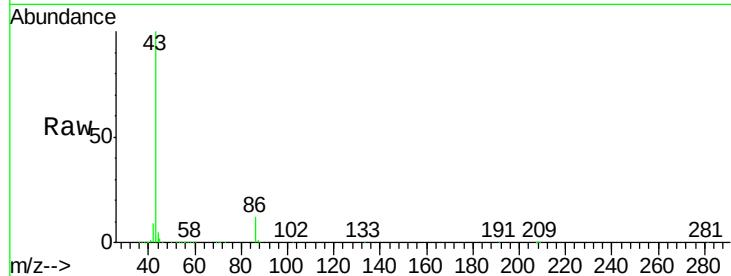
86 12.1 8.6 13.0

Manual Integrations

APPROVED

MMDadoda

6/9/2020 11:41:20 AM



#24

1,1-Dichloroethane

Concen: 49.733 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

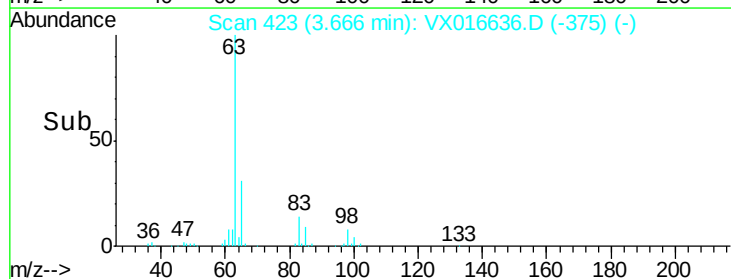
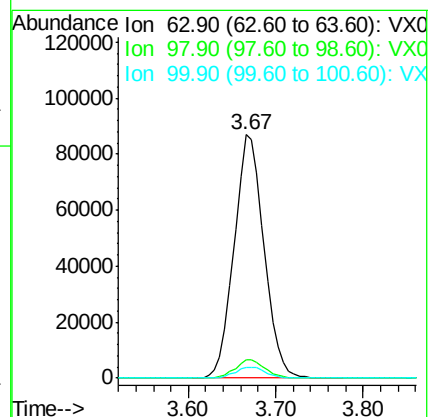
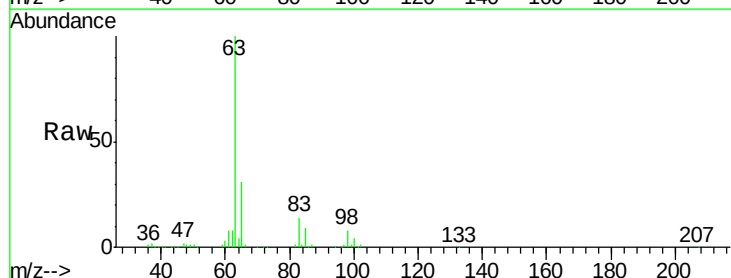
Tgt Ion: 63 Resp: 206363

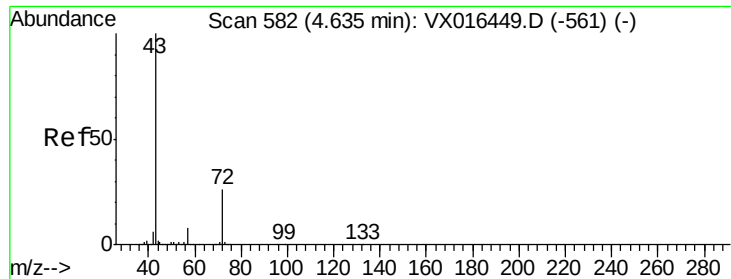
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.9

100 4.4 2.4 7.1





#25

2-Butanone

Concen: 221.658 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MS

Tot Ion: 43 Resp: 441948

Ion Ratio Lower Upper

43 100

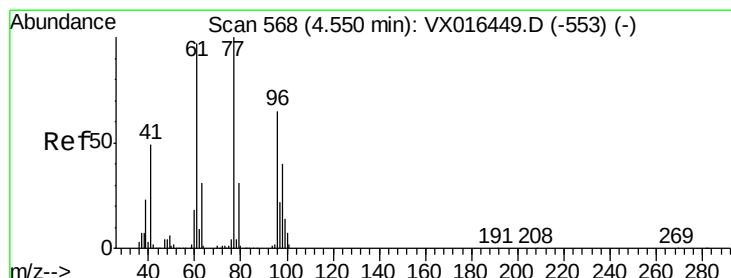
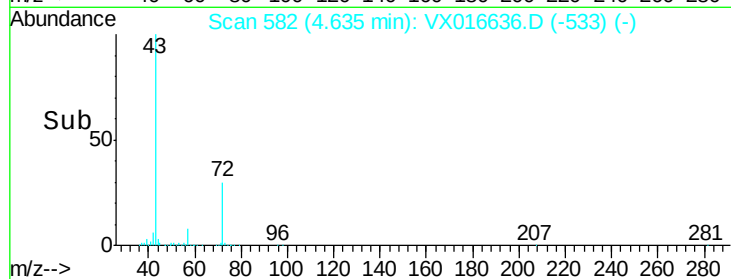
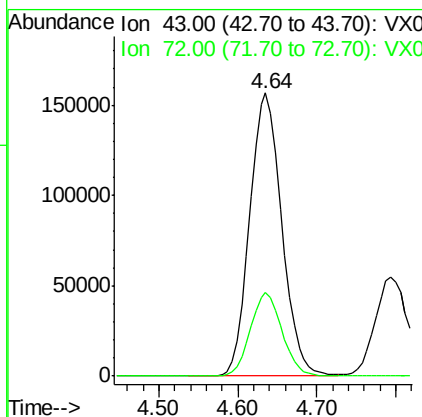
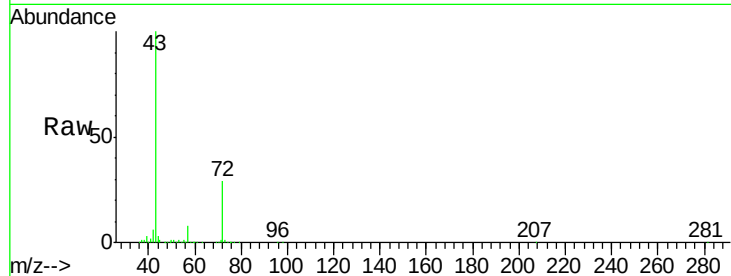
72 29.4 21.0 31.6

Manual Integrations

APPROVED

MMDadoda

6/9/2020 11:41:20 AM



#26

2,2-Dichloropropane

Concen: 52.830 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016636.D

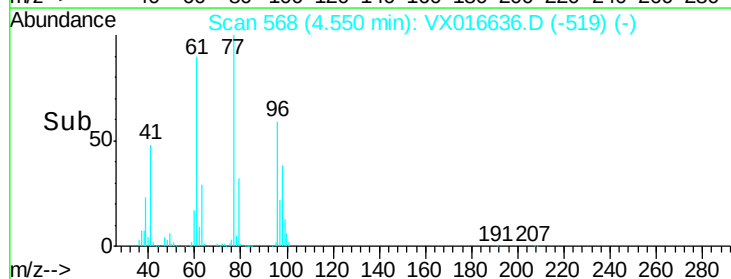
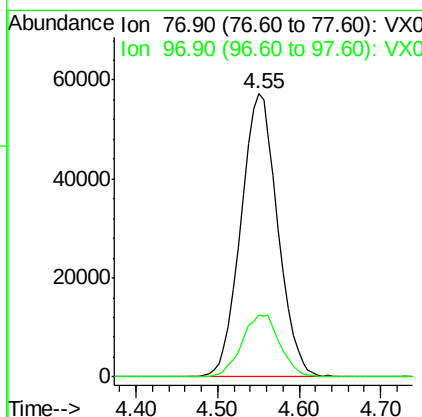
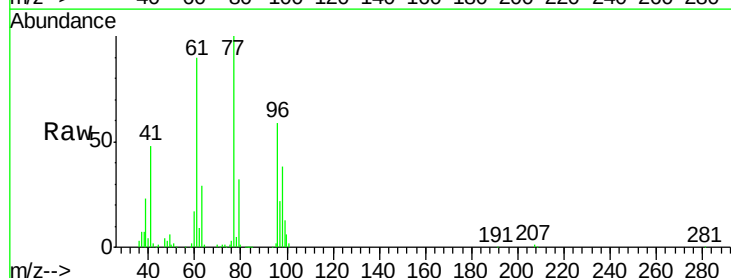
Acq: 08 Jun 2020 14:21

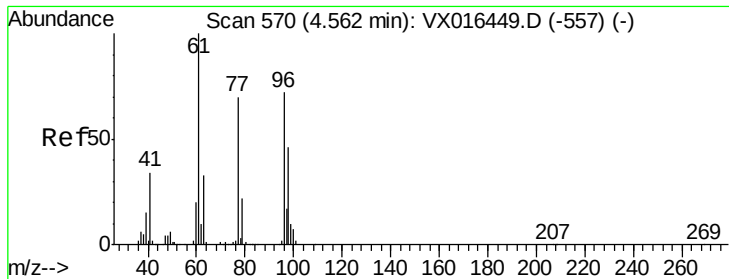
Tgt Ion: 77 Resp: 179376

Ion Ratio Lower Upper

77 100

97 22.6 11.5 34.4





#27

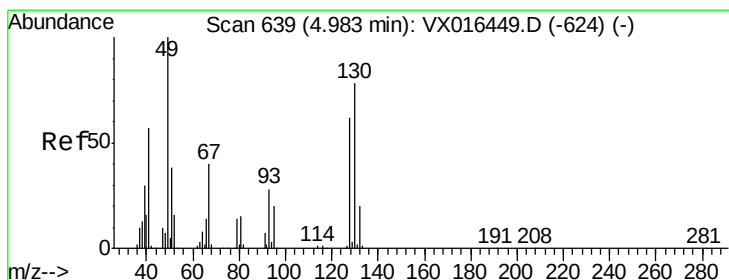
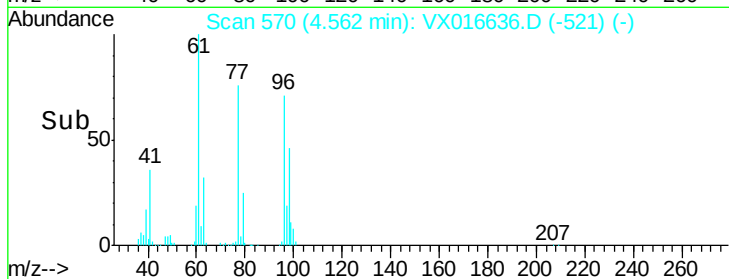
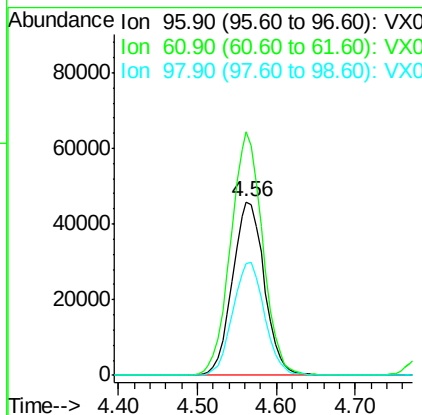
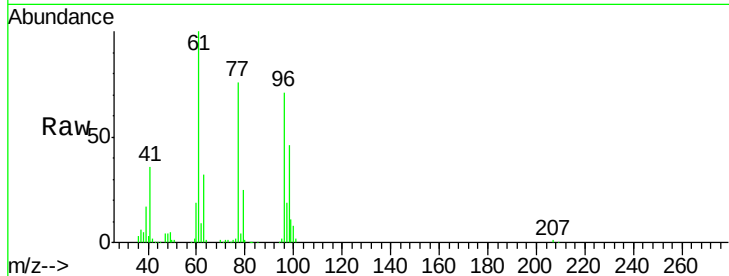
cis-1,2-Dichloroethene
Concen: 48.516 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.6	0.0	284.6
98	65.1	0.0	127.2

Manual Integrations
APPROVED

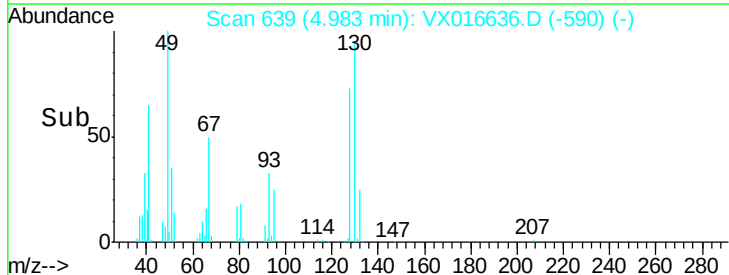
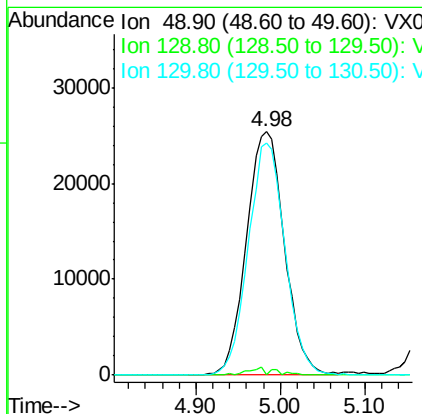
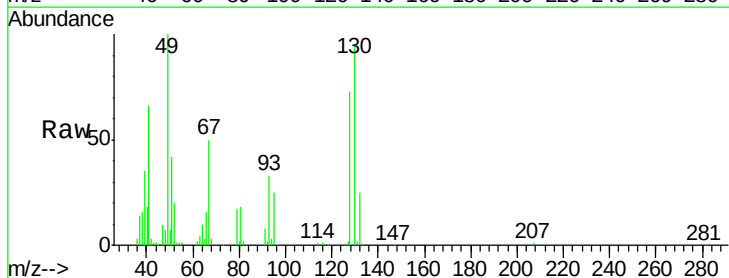
MMDadoda
6/9/2020 11:41:20 AM

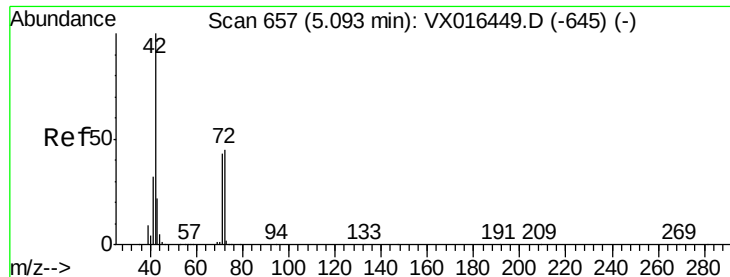


#28

Bromochloromethane
Concen: 40.460 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.0
130	92.6	63.0	94.4





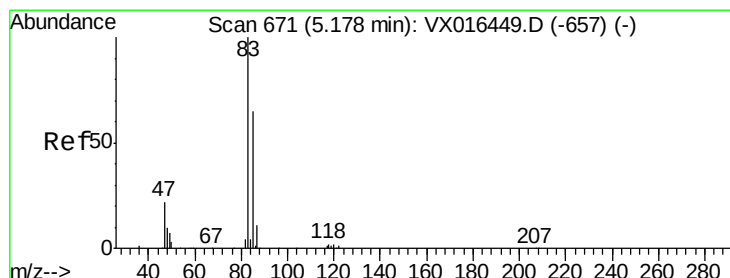
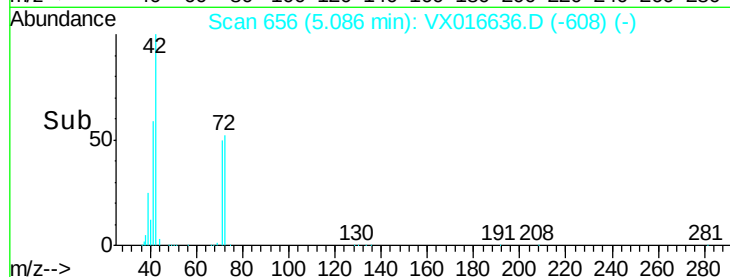
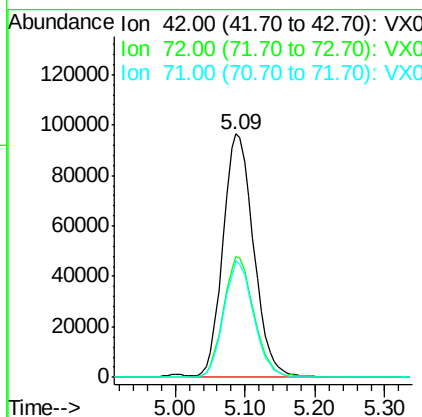
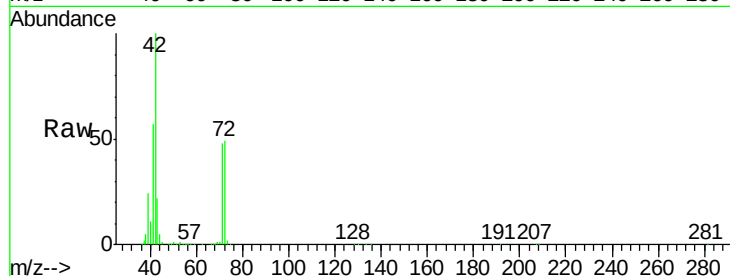
#29
Tetrahydrofuran
Concen: 227.574 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MS

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.7	37.0	55.4
71	46.7	34.1	51.1

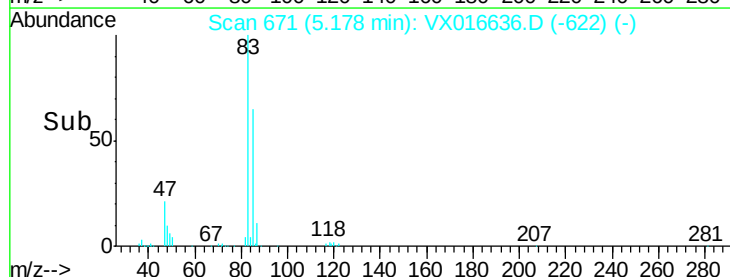
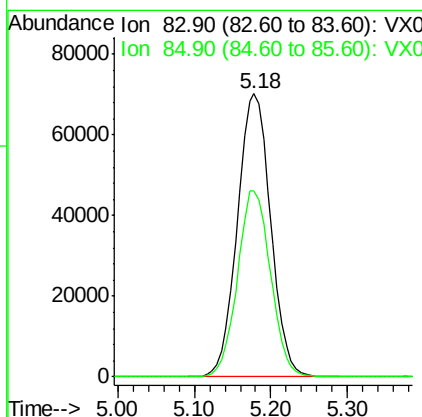
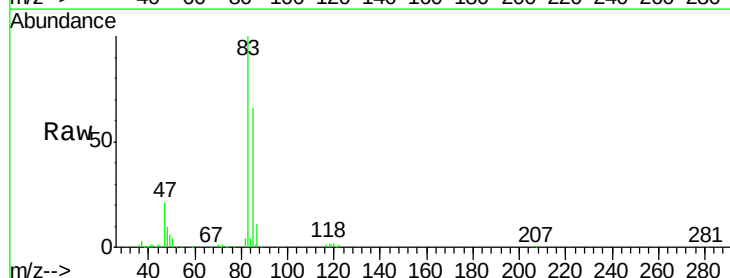
Manual Integrations
APPROVED

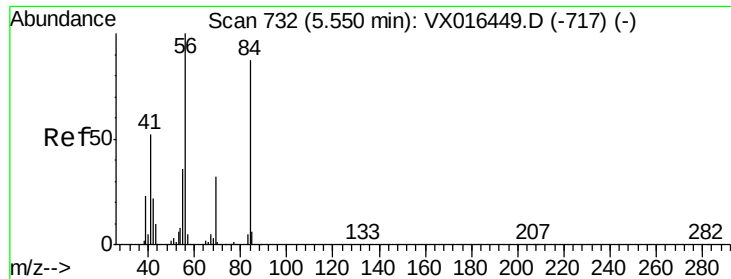
MMDadoda
6/9/2020 11:41:20 AM



#30
Chloroform
Concen: 50.806 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	52.0	78.0





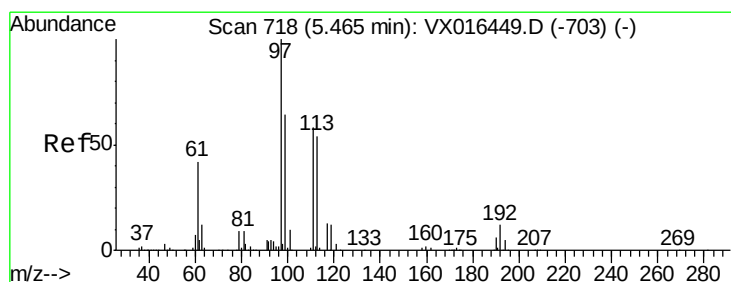
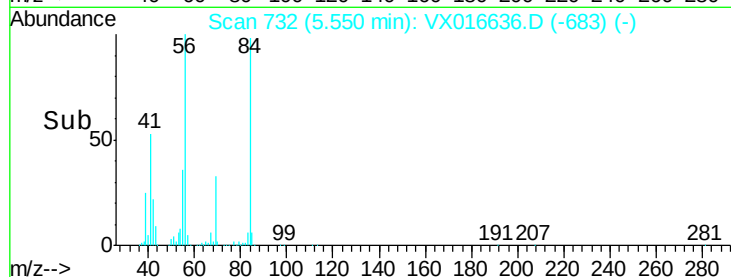
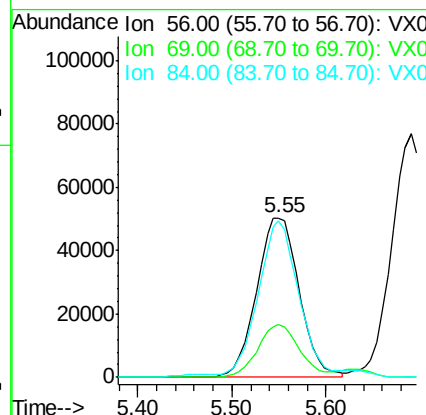
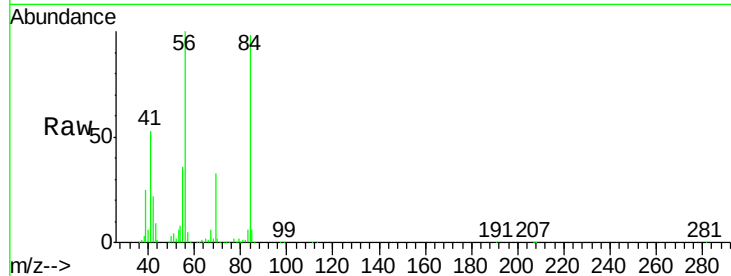
#31
Cyclohexane
Concen: 42.786 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.2	25.7	38.5
84	96.5	70.0	105.0

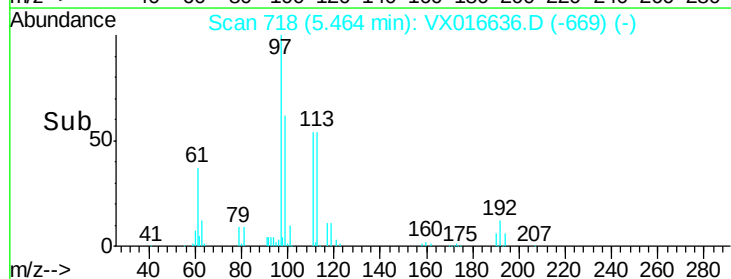
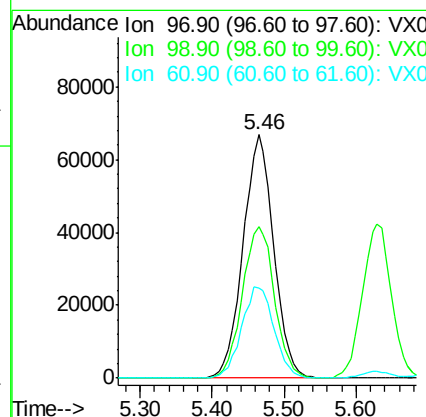
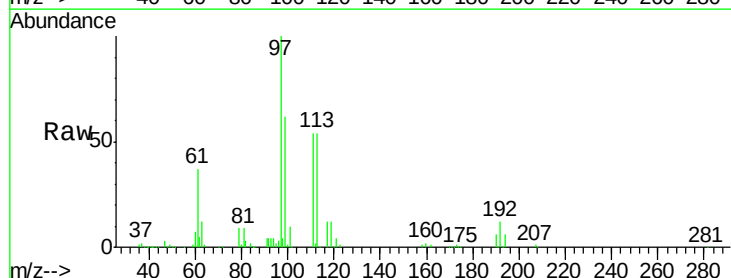
Manual Integrations
APPROVED

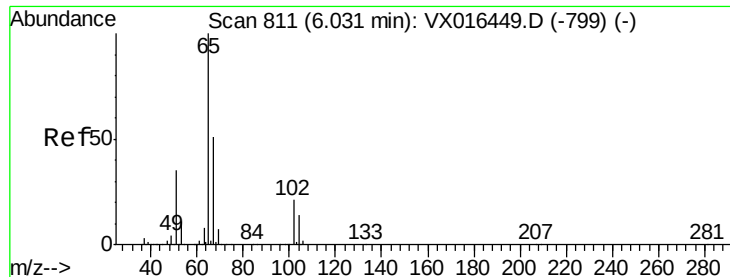
MMDadoda
6/9/2020 11:41:20 AM



#32
1,1,1-Trichloroethane
Concen: 52.062 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.4	77.2
61	39.7	33.5	50.3





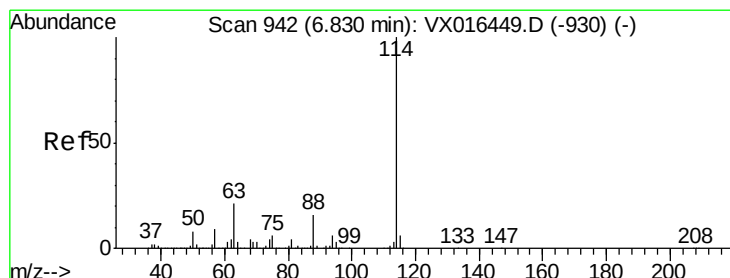
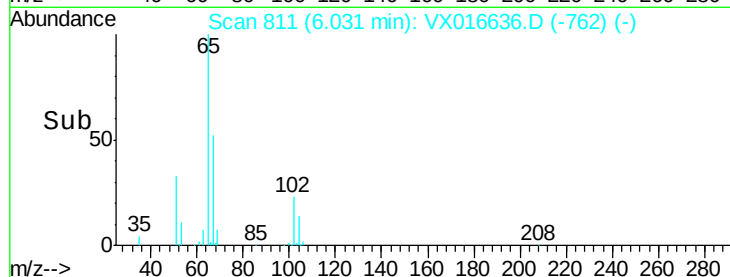
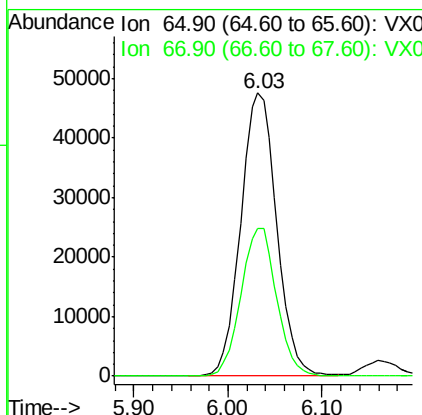
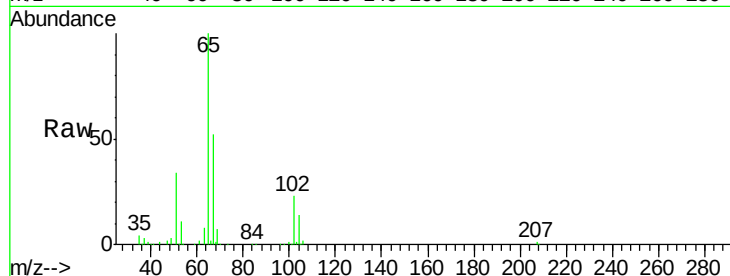
#33
 1,2-Dichloroethane-d4
 Concen: 47.334 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MS

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.9	0.0	104.8

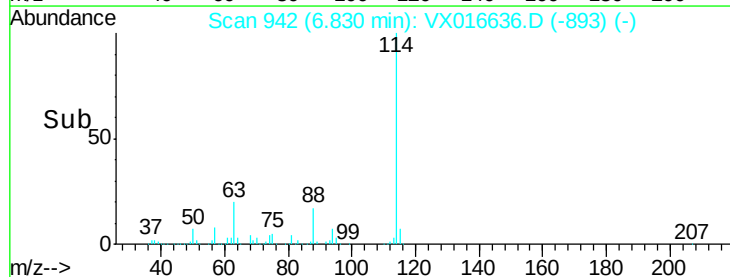
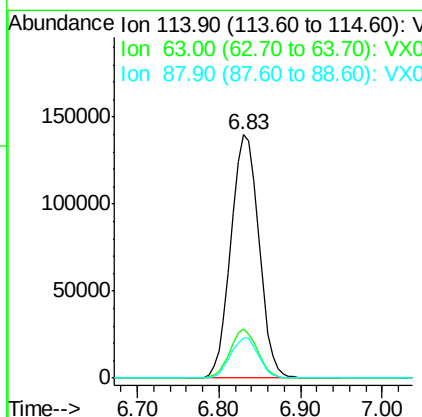
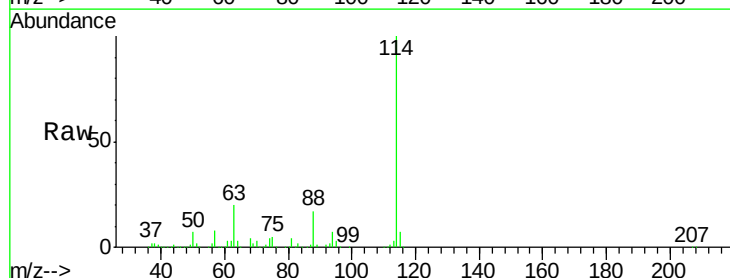
Manual Integrations
 APPROVED

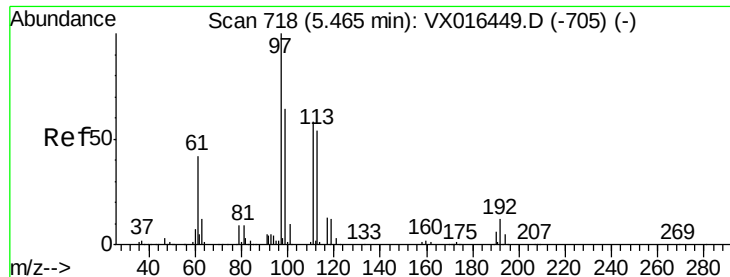
MMDadoda
 6/9/2020 11:41:20 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	42.6
88	16.6	0.0	32.8





#35

Dibromofluoromethane

Concen: 50.290 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

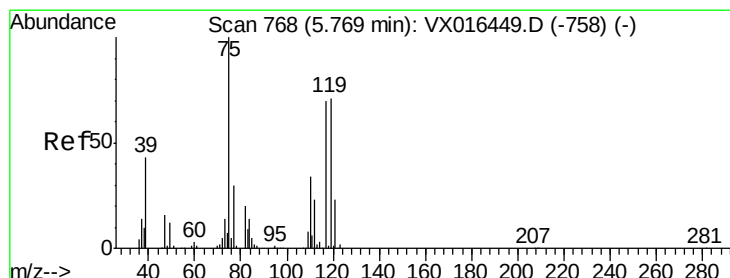
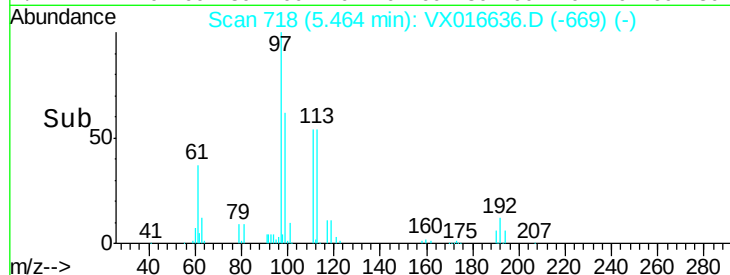
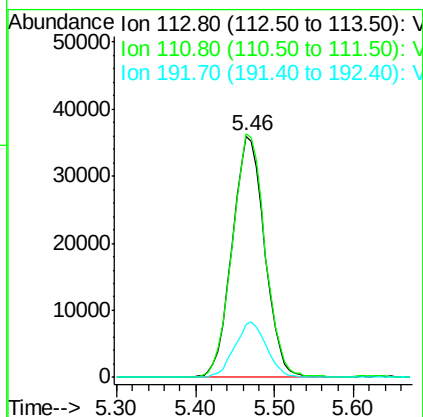
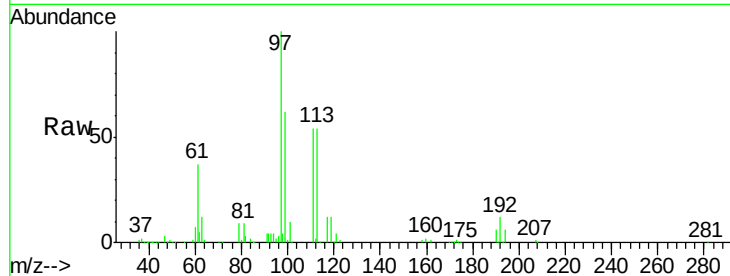
ClientSampleId :

SA-PZ134I-20200604MS

Tot Ion:	113	Resp:	102822
Ion Ratio	Lower	Upper	
113	100		
111	101.8	83.0	124.6
192	22.5	17.7	26.5

Manual Integrations
APPROVED

MMDadoda
6/9/2020 11:41:20 AM



#36

1,1-Dichloropropene

Concen: 48.085 ug/l

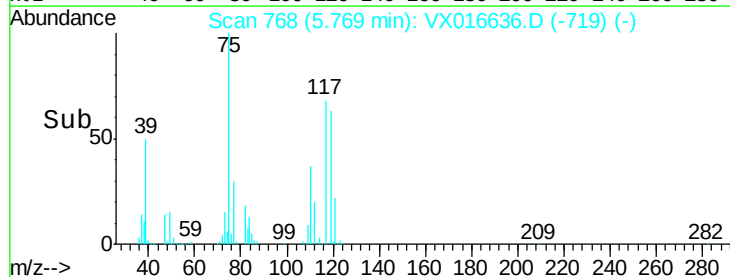
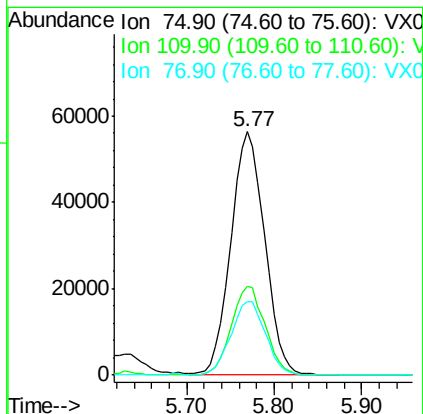
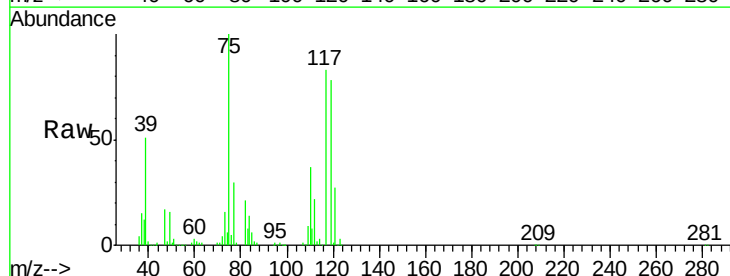
RT: 5.77 min Scan# 768

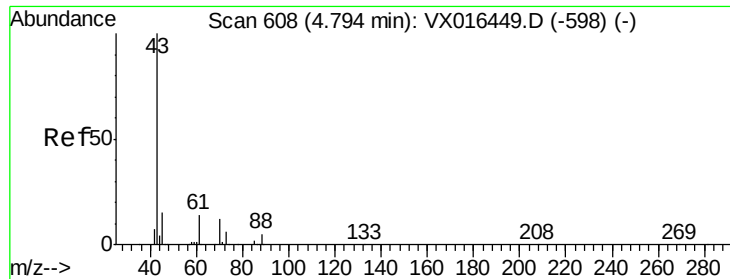
Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Tgt Ion:	75	Resp:	151171
Ion Ratio	Lower	Upper	
75	100		
110	36.6	17.4	52.3
77	31.2	24.2	36.4





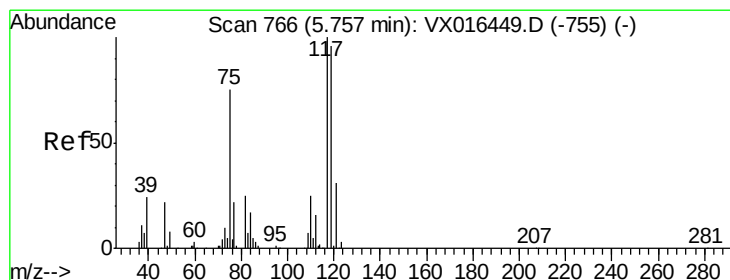
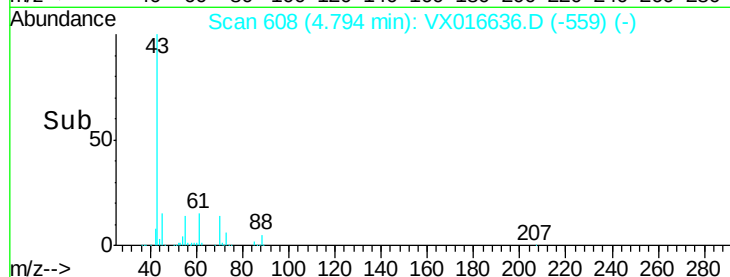
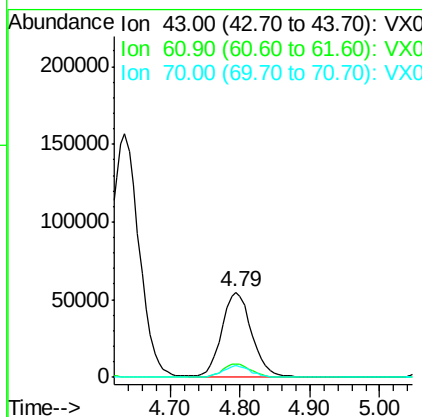
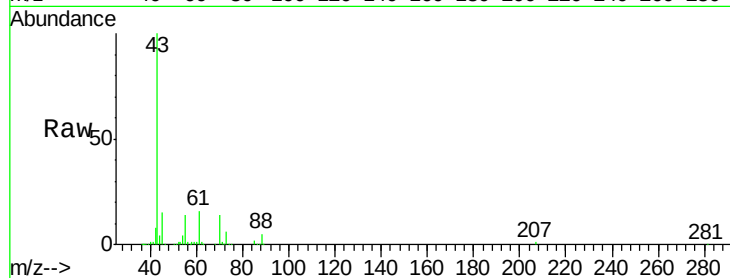
#37
Ethyl Acetate
Concen: 42.916 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.3	16.9
70	12.9	9.3	13.9

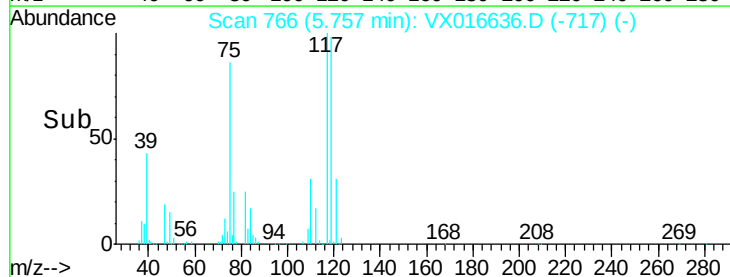
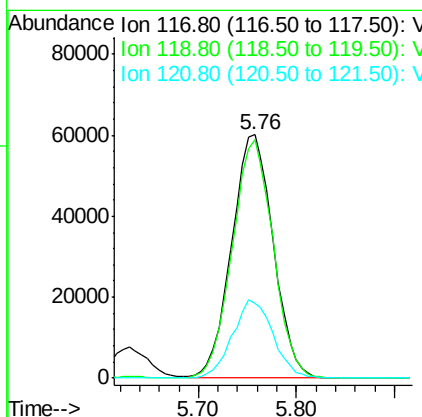
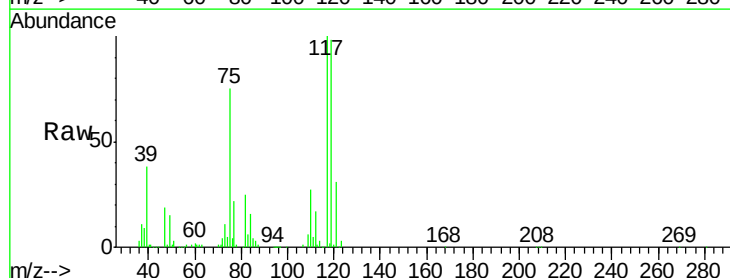
Manual Integrations
APPROVED

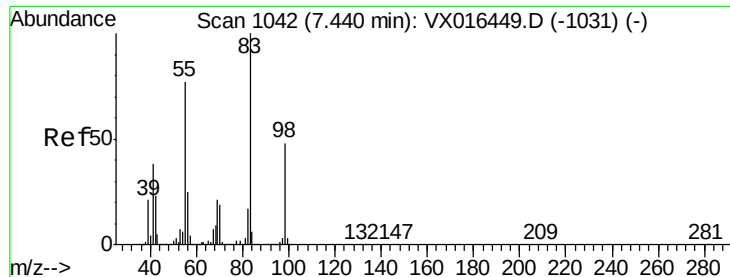
MMDadoda
6/9/2020 11:41:20 AM



#38
Carbon Tetrachloride
Concen: 53.617 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.3	114.5
121	30.9	24.6	37.0





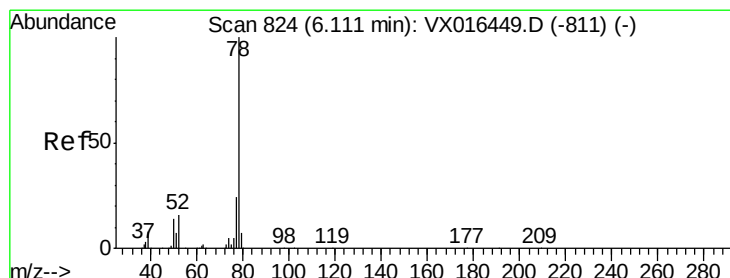
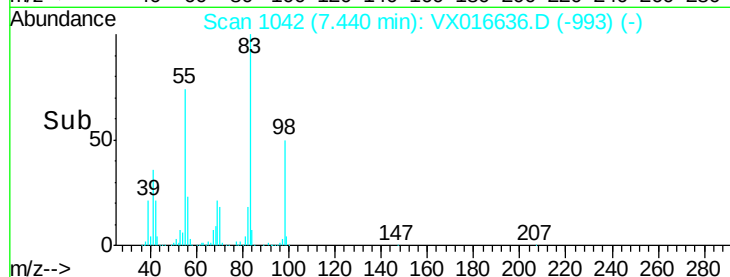
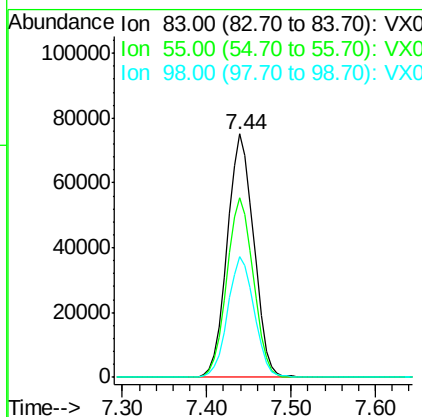
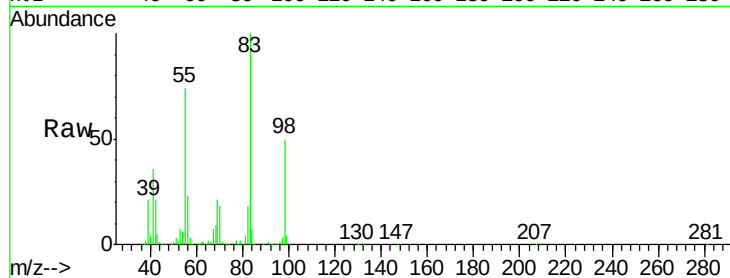
#39
Methylvlcyclohexane
Concen: 47.121 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.8	61.7	92.5
98	49.8	38.7	58.1

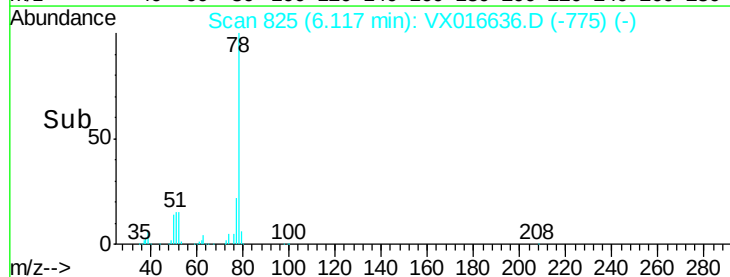
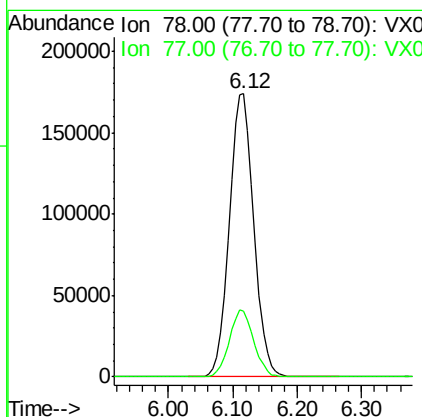
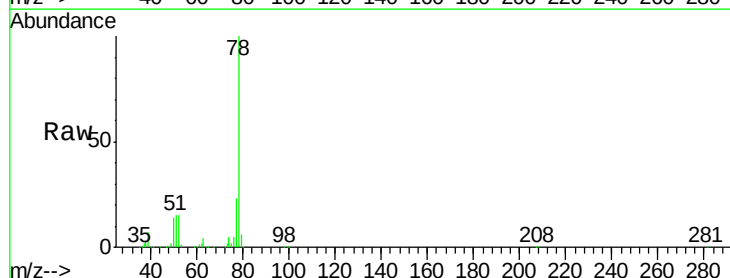
Manual Integrations
APPROVED

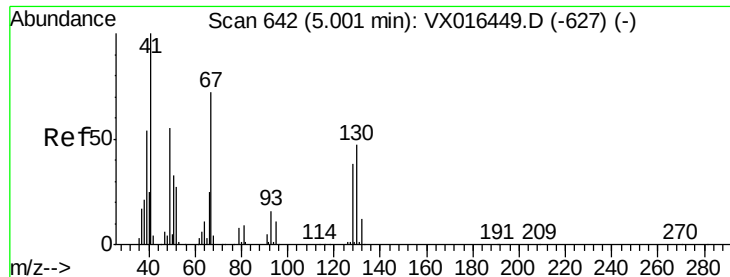
MMDadoda
6/9/2020 11:41:20 AM



#40
Benzene
Concen: 49.393 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.9	28.3





#41

Methacrylonitrile

Concen: 43.897 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

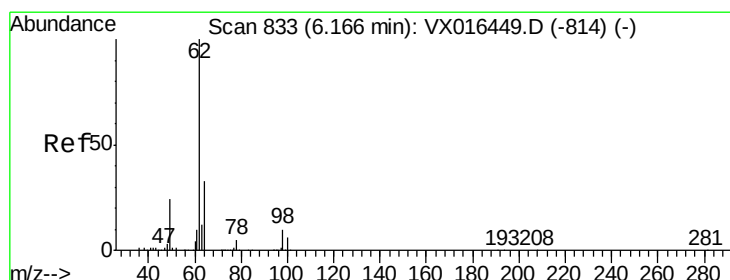
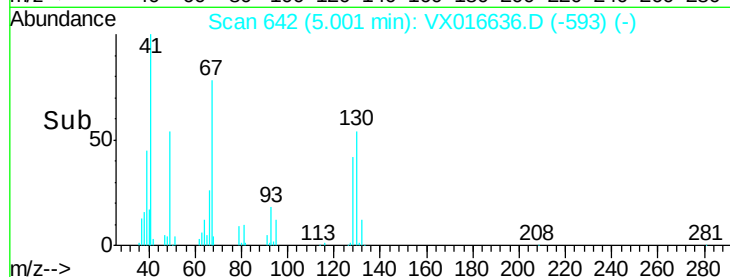
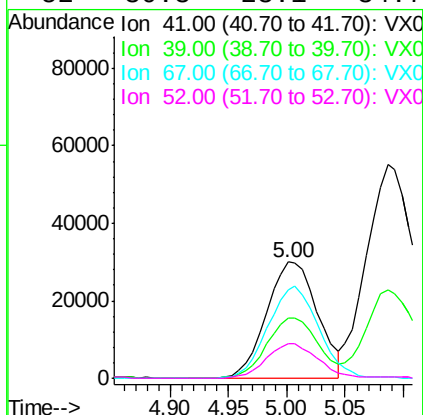
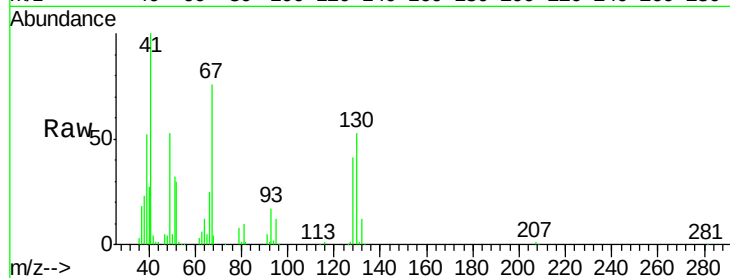
ClientSampleId :

SA-PZ134I-20200604MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.4	43.0	64.4	
67	79.0	58.9	88.3	
52	30.3	23.1	34.7	

Manual Integrations
APPROVED

MMDadoda
6/9/2020 11:41:20 AM



#42

1,2-Dichloroethane

Concen: 49.978 ug/l

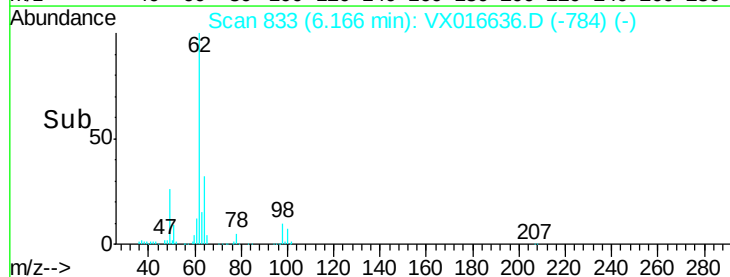
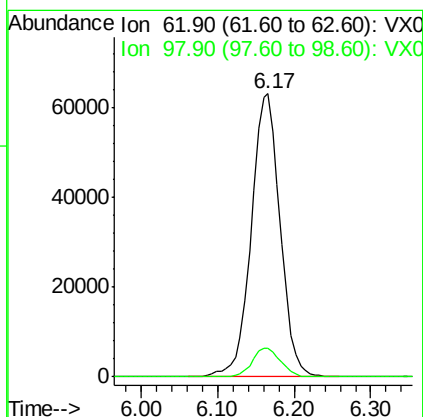
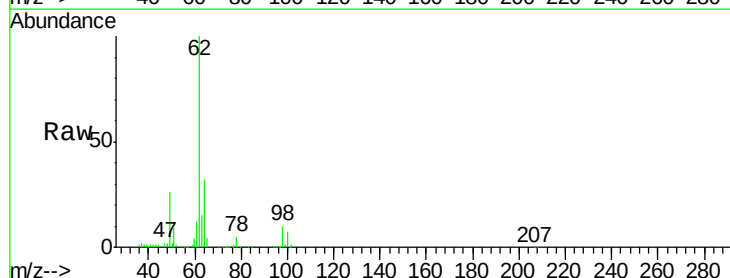
RT: 6.17 min Scan# 833

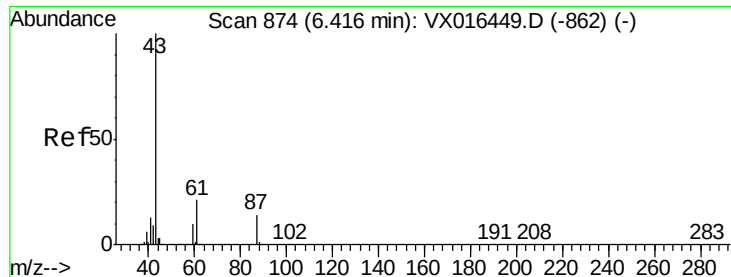
Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	0.0	19.8	





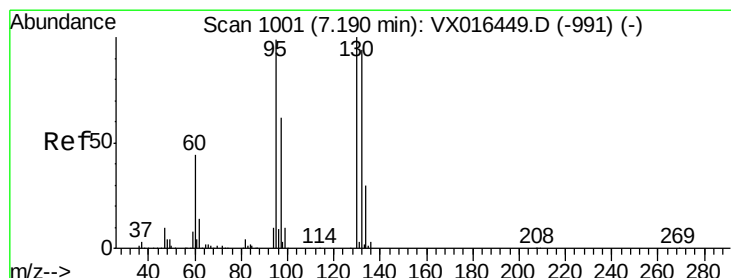
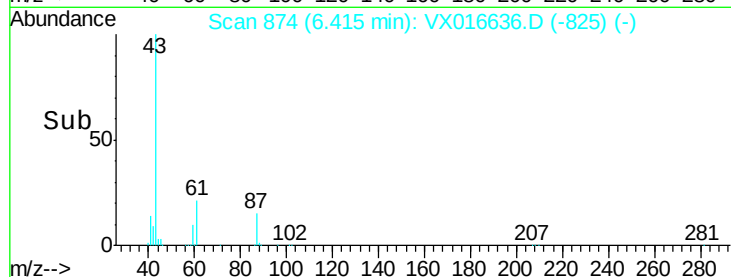
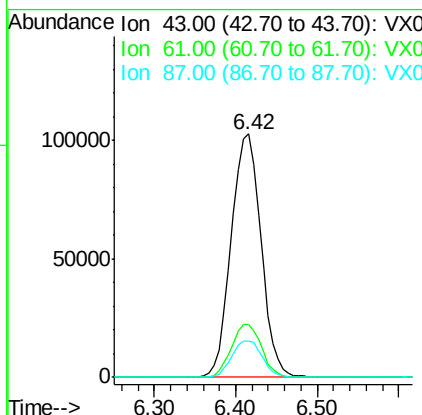
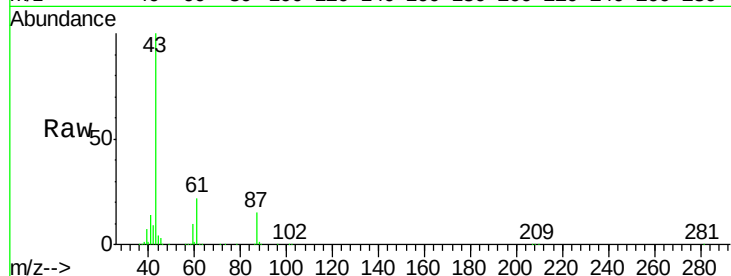
#43
Isopropyl Acetate
Concen: 43.882 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.2	16.8	25.2
87	15.4	11.2	16.8

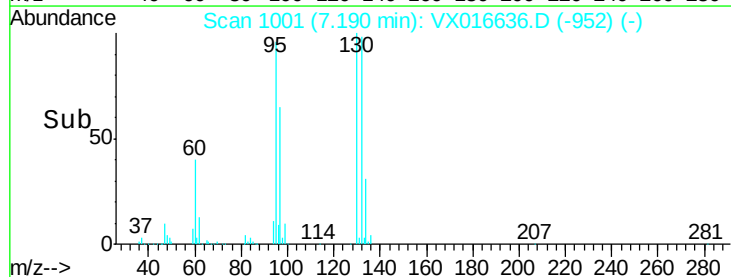
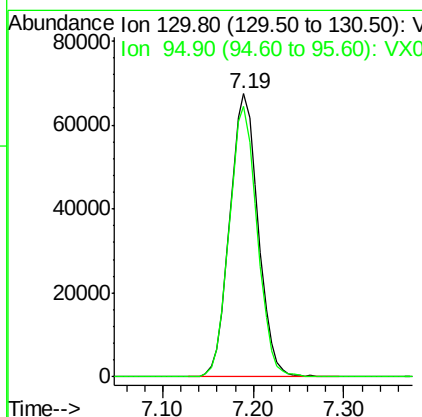
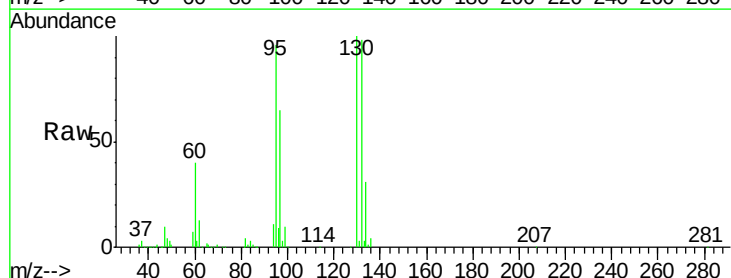
Manual Integrations
APPROVED

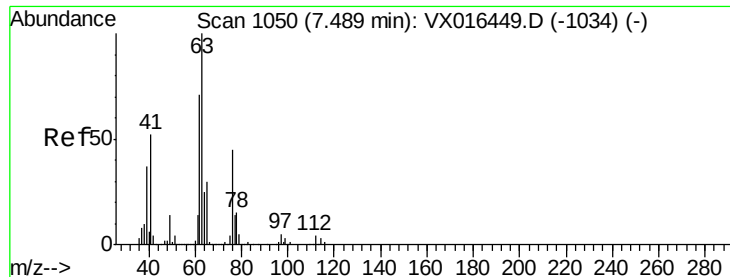
MMDadoda
6/9/2020 11:41:20 AM



#44
Trichloroethene
Concen: 49.361 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.7	0.0	198.2





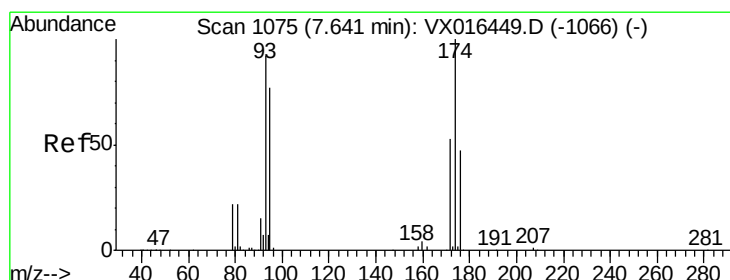
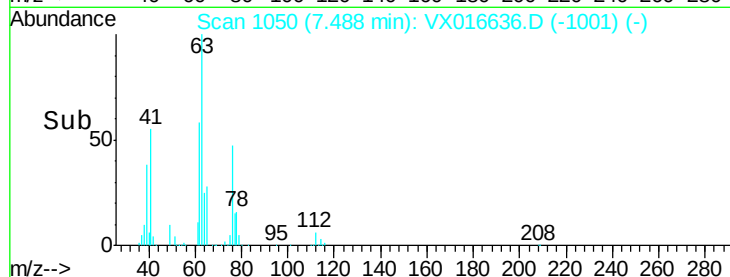
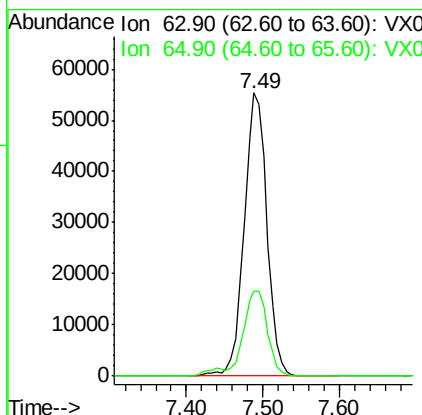
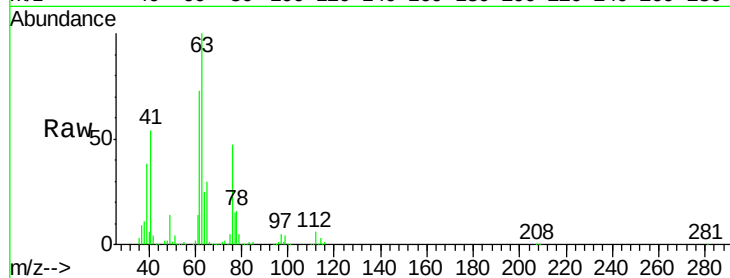
#45
 1,2-Dichloropropane
 Concen: 47.841 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MS

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.9	24.2	36.2

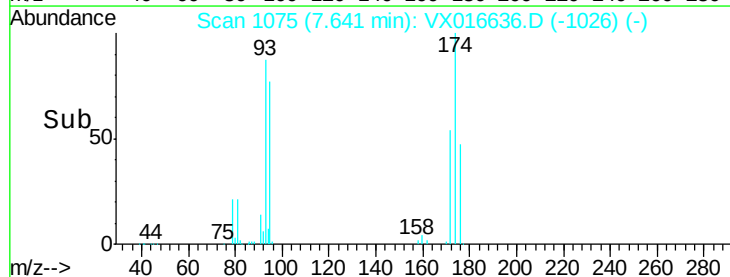
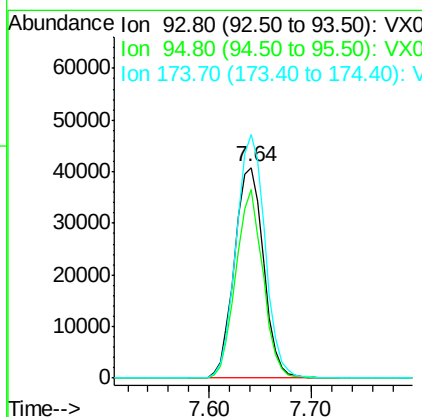
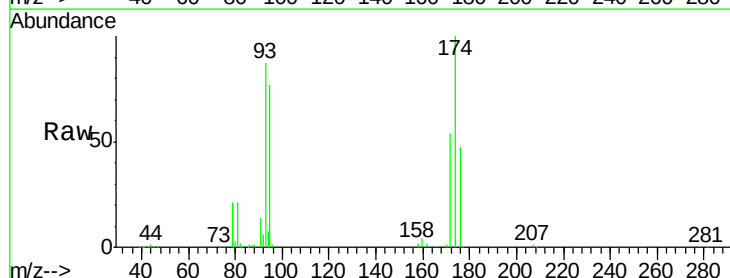
Manual Integrations
 APPROVED

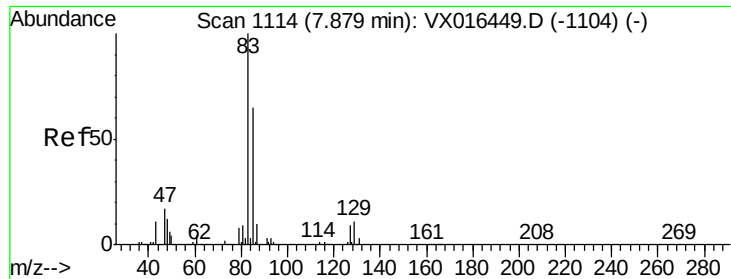
MMDadoda
 6/9/2020 11:41:20 AM



#46
 Dibromomethane
 Concen: 50.519 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	66.6	100.0
174	114.4	86.2	129.4





#47

Bromodichloromethane

Concen: 51.283 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

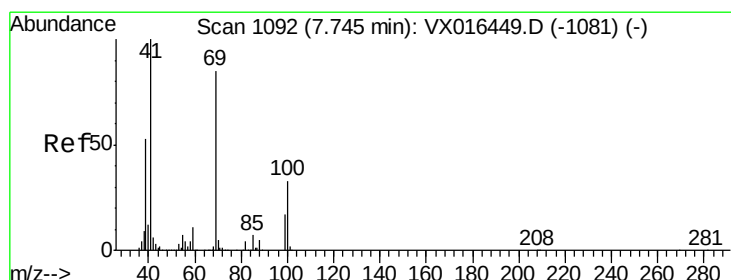
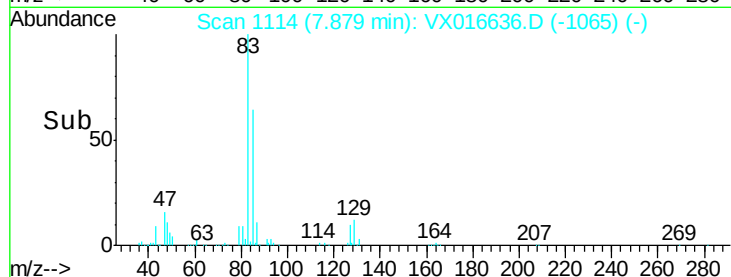
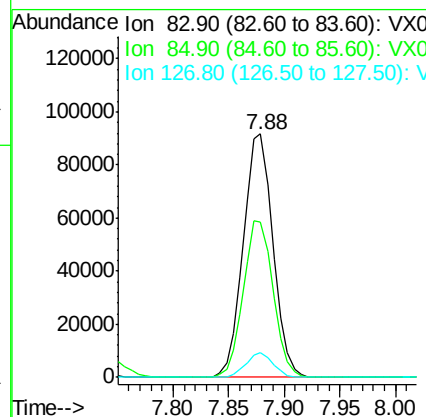
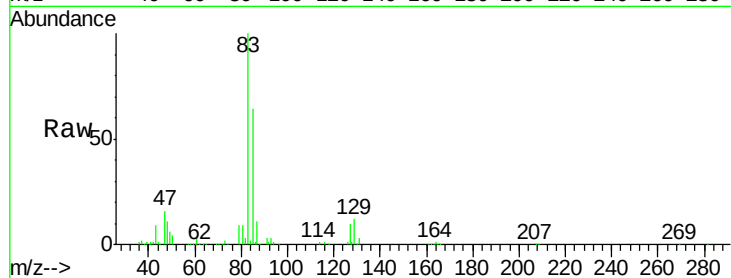
ClientSampleId :

SA-PZ134I-20200604MS

Tot Ion:	83	Resp:	169988
Ion	Ratio	Lower	Upper
83	100		
85	64.0	52.0	78.0
127	10.0	7.4	11.0

Manual Integrations
APPROVED

MMDadoda
6/9/2020 11:41:20 AM



#48

Methyl methacrylate

Concen: 45.517 ug/l

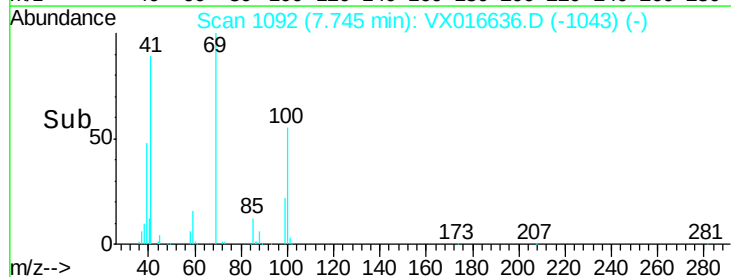
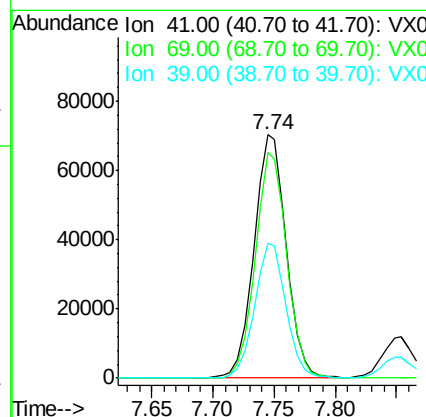
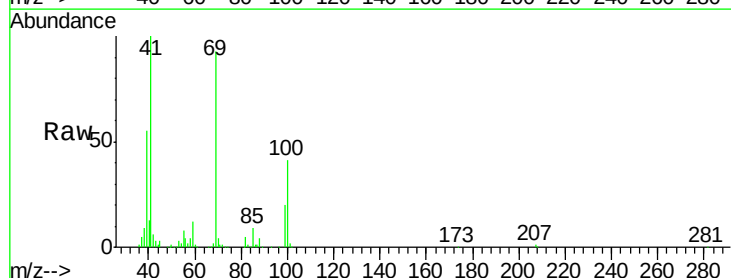
RT: 7.74 min Scan# 1092

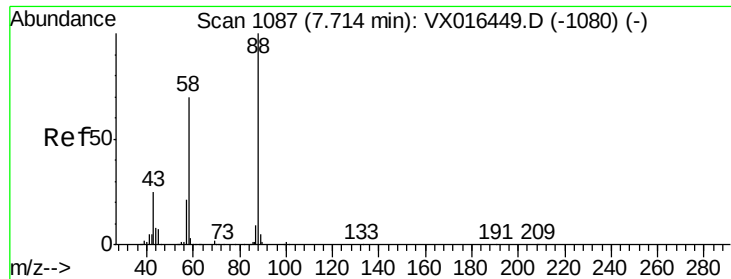
Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Tgt Ion:	41	Resp:	128311
Ion	Ratio	Lower	Upper
41	100		
69	91.5	68.6	102.8
39	54.0	42.4	63.6





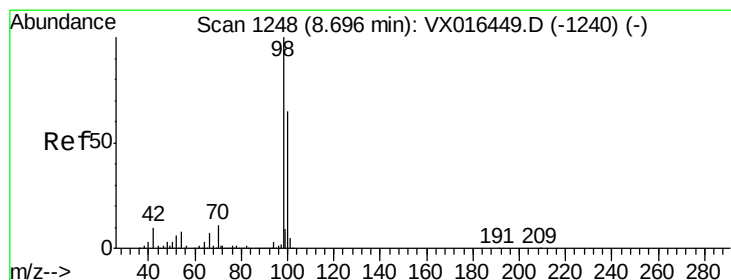
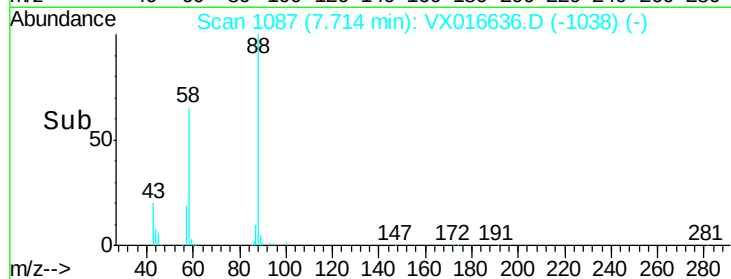
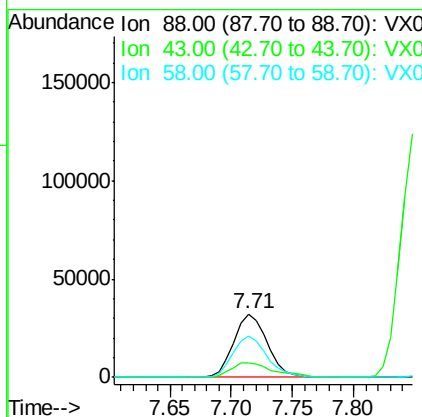
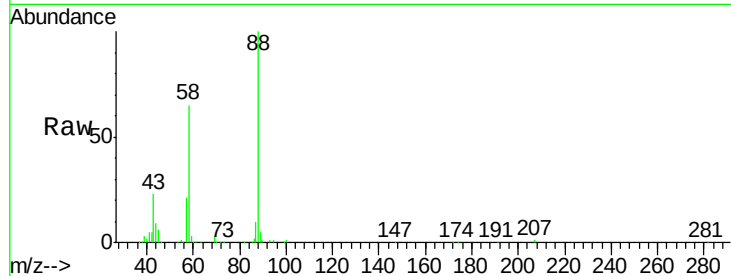
#49
1,4-Dioxane
Concen: 921.342 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.4	24.2	36.4
58	68.1	56.5	84.7

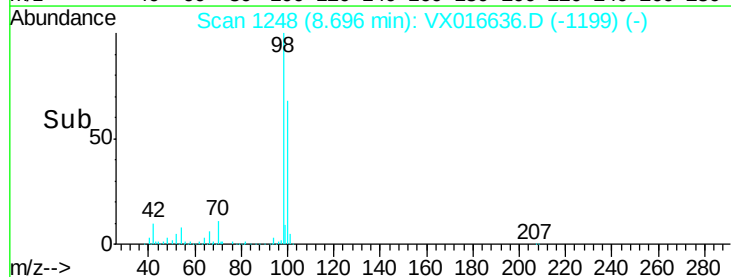
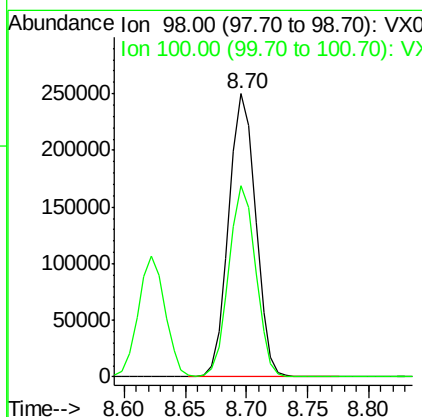
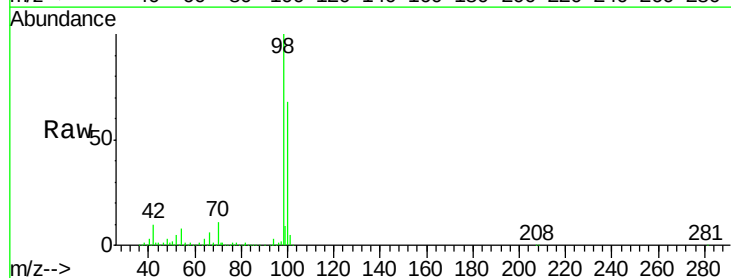
Manual Integrations
APPROVED

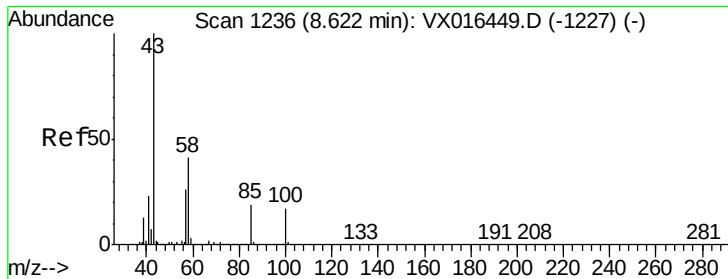
MMDadoda
6/9/2020 11:41:20 AM



#50
Toluene-d8
Concen: 48.071 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.8	80.6





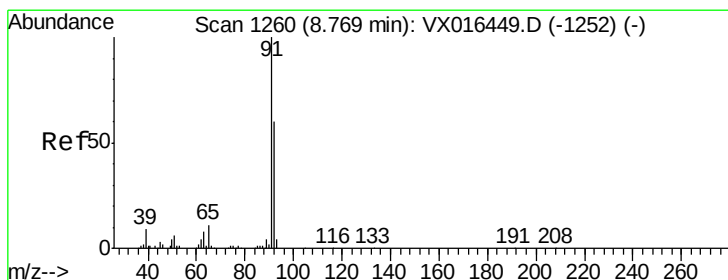
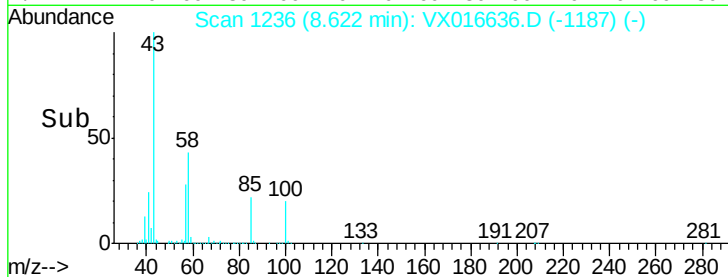
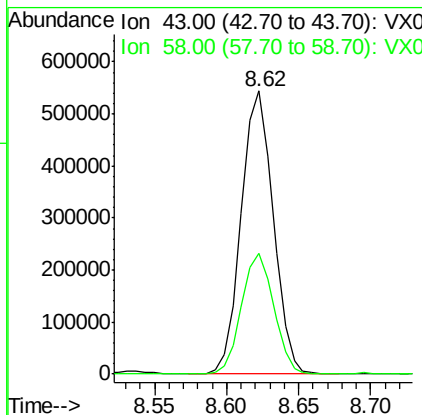
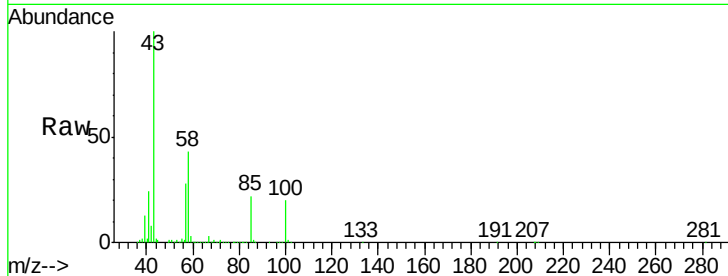
#51
4-Methyl-2-Pentanone
Concen: 229.647 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MS

Tot Ion	Ratio	Lower	Upper
43	100		
58	43.0	33.0	49.6

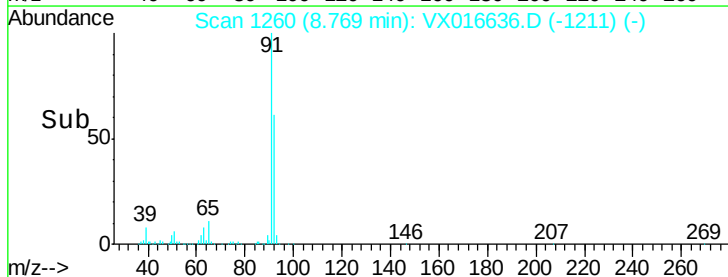
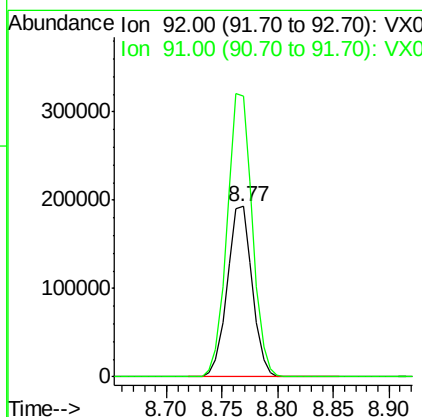
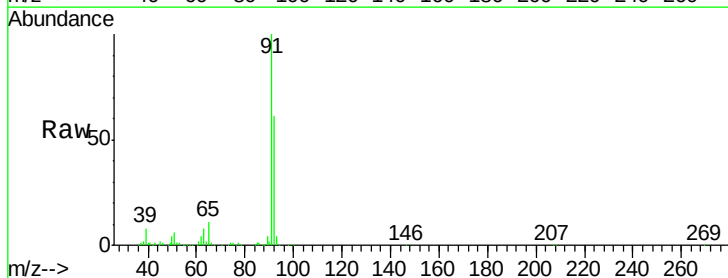
Manual Integrations
APPROVED

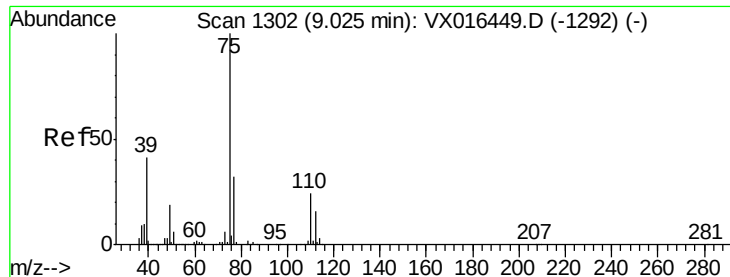
MMDadoda
6/9/2020 11:41:20 AM



#52
Toluene
Concen: 50.680 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Tgt Ion	Ratio	Lower	Upper
92	100		
91	167.1	135.0	202.4





#53

t-1,3-Dichloropropene

Concen: 51.455 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MS

Tot Ion: 75 Resp: 193942

Ion Ratio Lower Upper

75 100

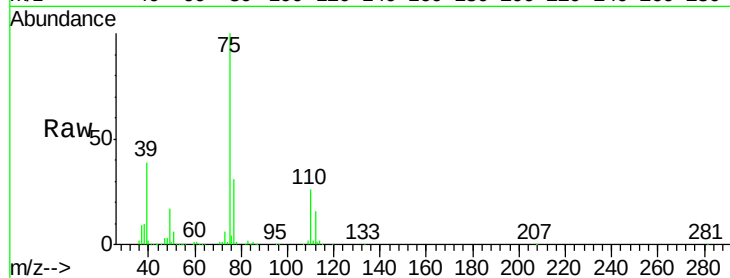
77 31.3 25.5 38.3

Manual Integrations

APPROVED

MMDadoda

6/9/2020 11:41:20 AM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

150000

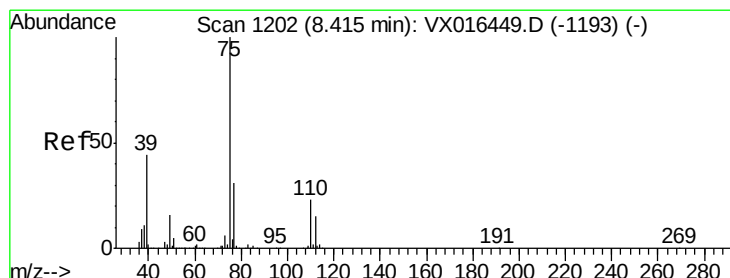
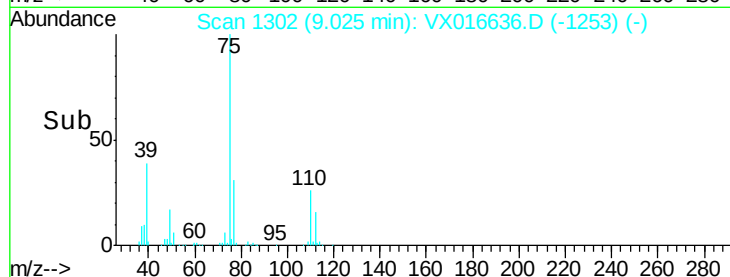
100000

50000

0

8.95 9.00 9.05 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 49.863 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

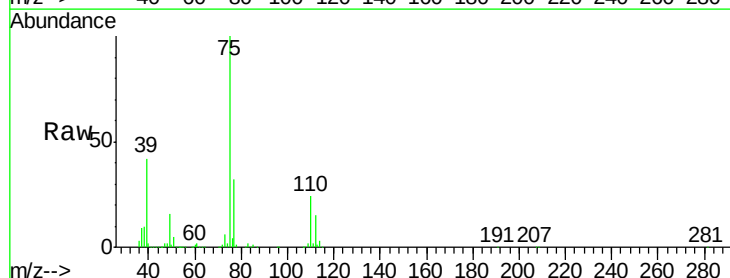
Tgt Ion: 75 Resp: 198932

Ion Ratio Lower Upper

75 100

77 32.0 24.6 36.8

39 41.9 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

150000

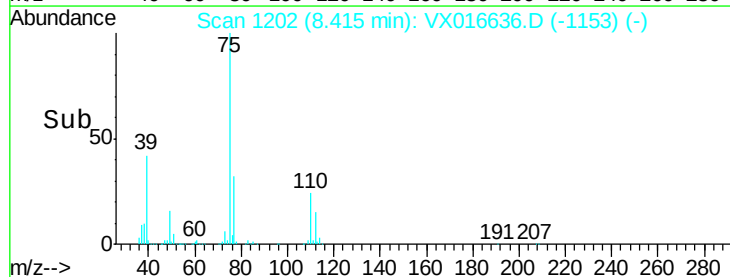
100000

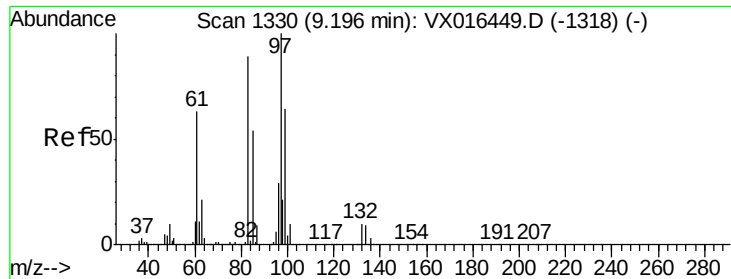
50000

0

8.30 8.35 8.40 8.45 8.50

Time-->





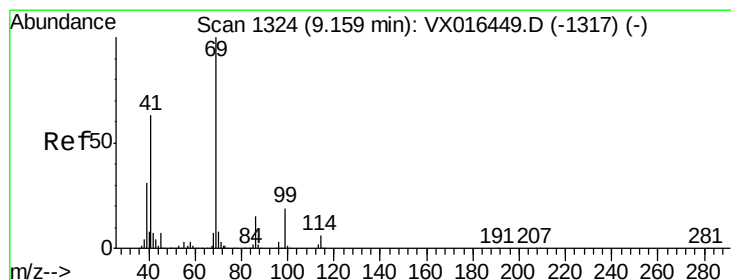
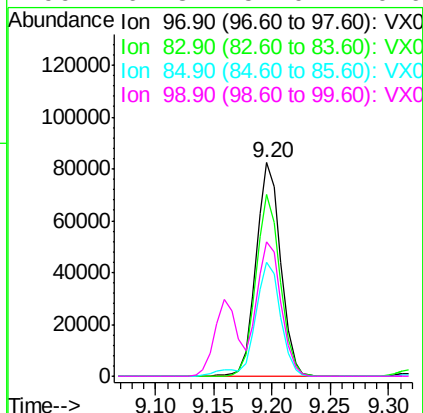
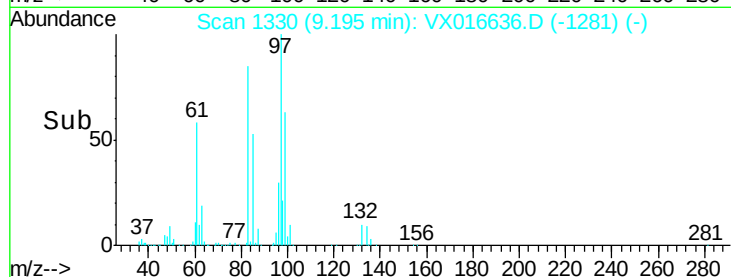
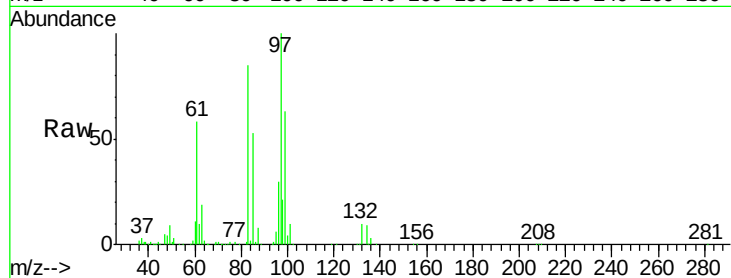
#55
 1,1,2-Trichloroethane
 Concen: 51.738 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MS

Tot Ion:	97	Resp:	121447
Ion	Ratio	Lower	Upper
97	100		
83	85.3	70.9	106.3
85	53.4	43.4	65.2
99	62.8	51.0	76.6

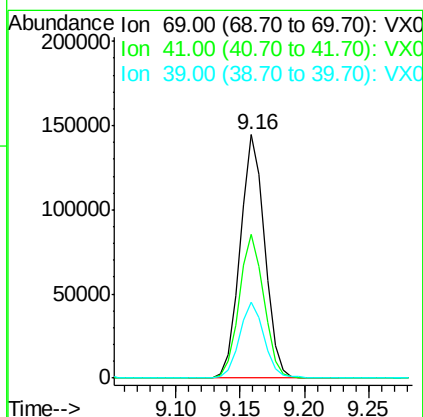
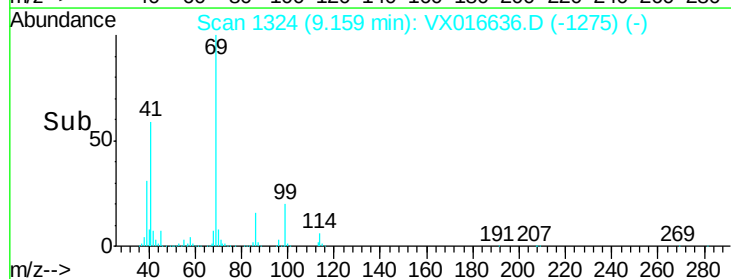
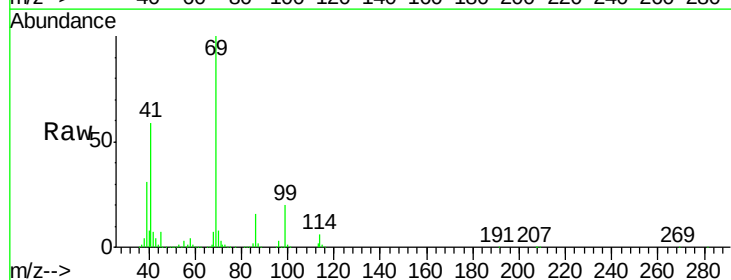
Manual Integrations
 APPROVED

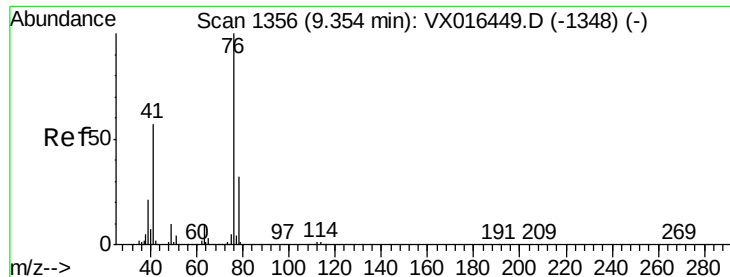
MMDadoda
 6/9/2020 11:41:20 AM



#56
 Ethyl methacrylate
 Concen: 49.703 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

Tgt Ion:	69	Resp:	190012
Ion	Ratio	Lower	Upper
69	100		
41	59.5	50.7	76.1
39	31.4	25.8	38.6





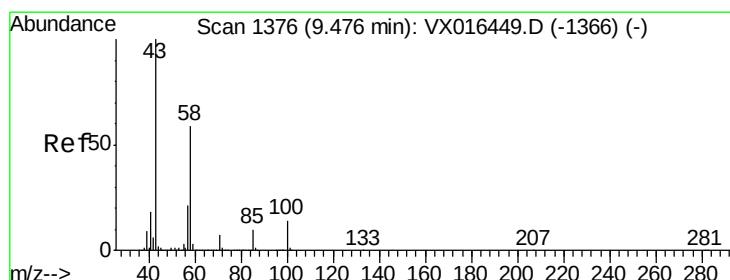
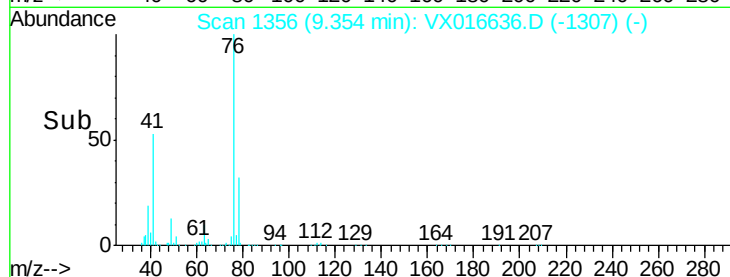
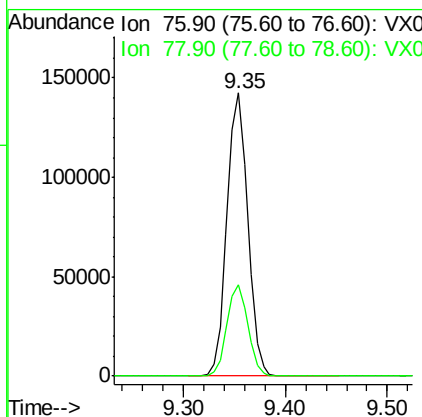
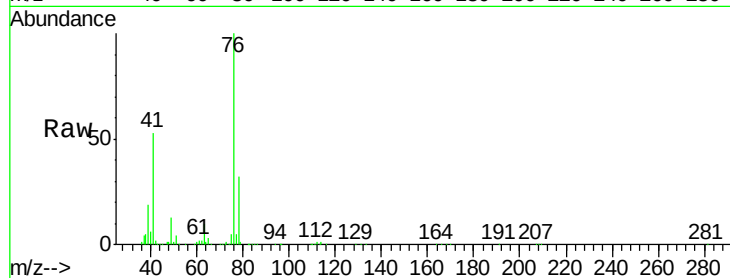
#57
 1,3-Dichloropropane
 Concen: 50.131 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.2	39.4

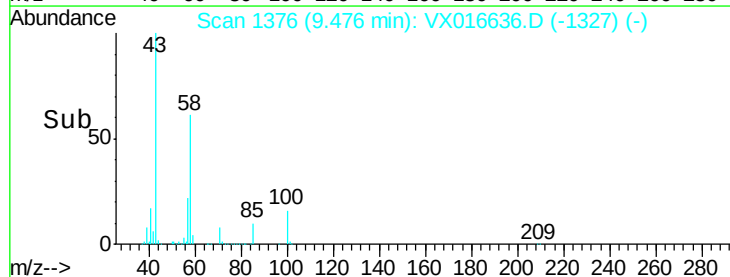
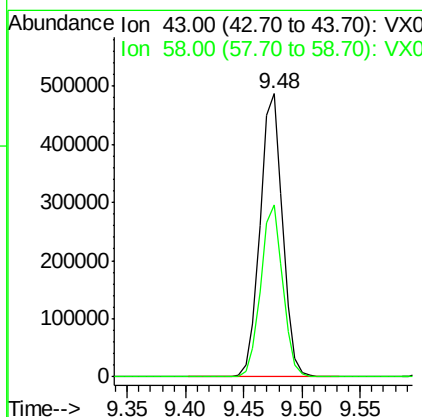
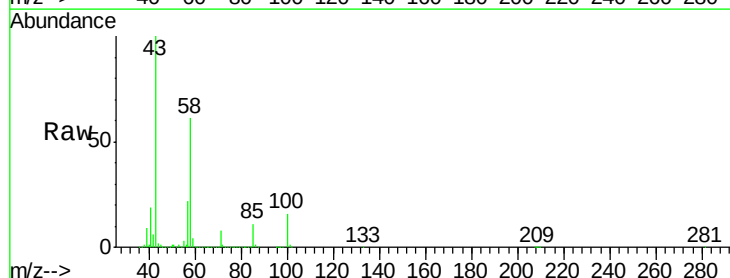
Manual Integrations
 APPROVED

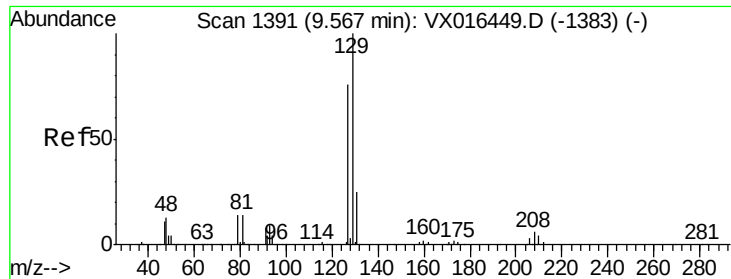
MMDadoda
 6/9/2020 11:41:20 AM



#59
 2-Hexanone
 Concen: 230.246 ug/l
 RT: 9.48 min Scan# 1376
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

Tgt Ion	Ratio	Lower	Upper
43	100		
58	59.7	28.8	86.4





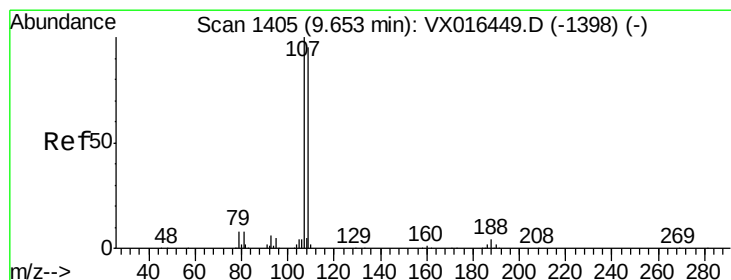
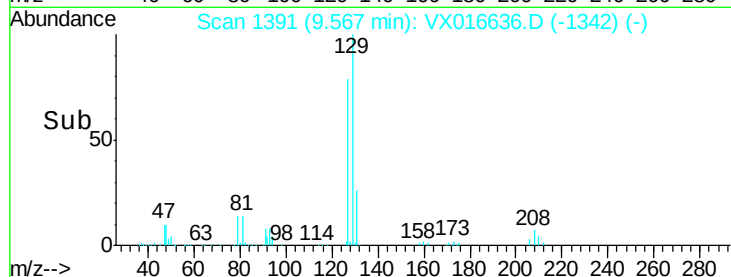
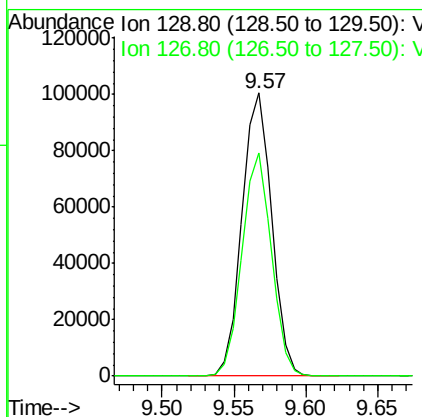
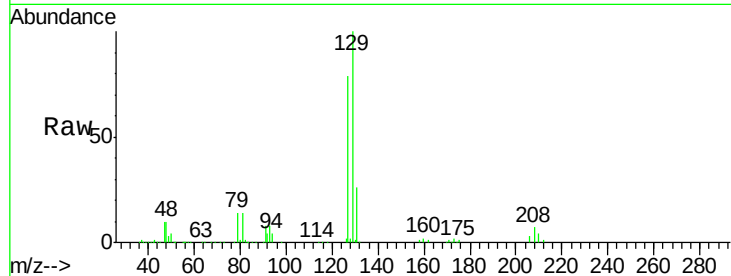
#60
Dibromochloromethane
Concen: 54.458 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MS

Tot Ion:129 Resp: 143857
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0

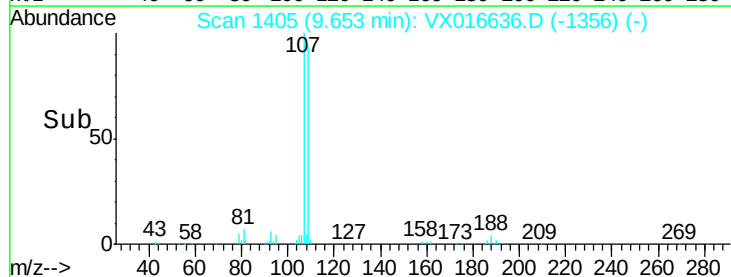
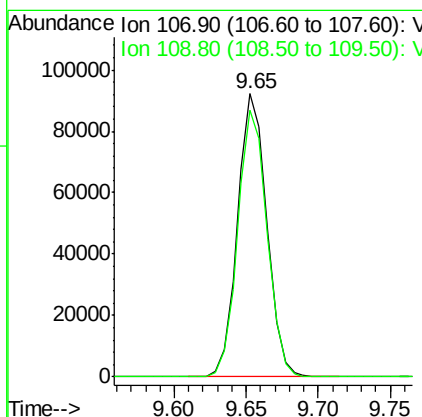
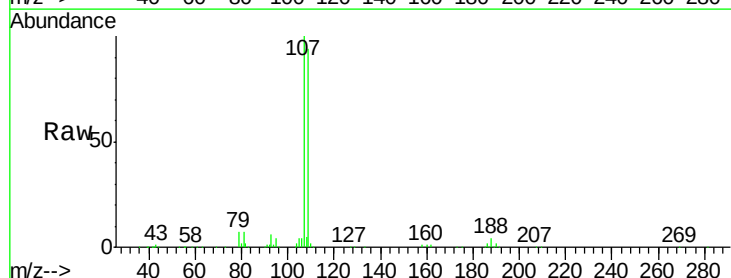
Manual Integrations
APPROVED

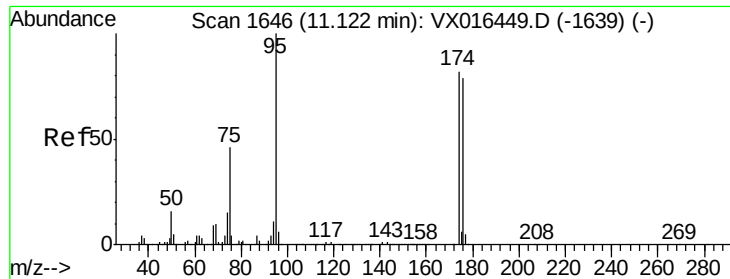
MMDadoda
6/9/2020 11:41:20 AM



#61
1,2-Dibromoethane
Concen: 51.773 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Tgt Ion:107 Resp: 130140
Ion Ratio Lower Upper
107 100
109 94.3 75.5 113.3





#62

4-Bromofluorobenzene

Concen: 48.721 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

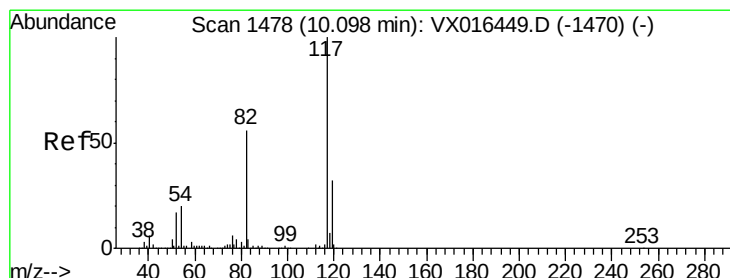
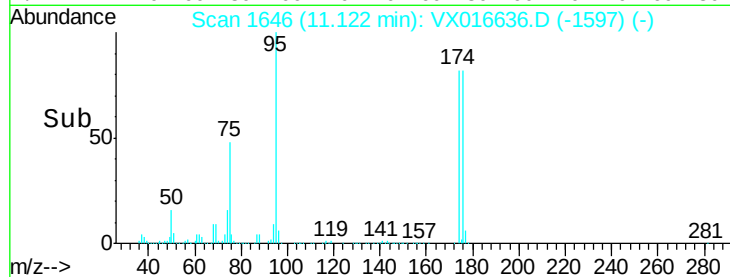
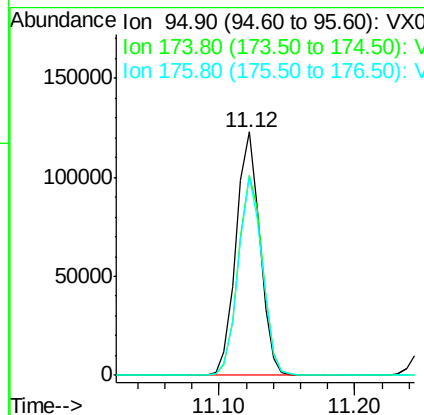
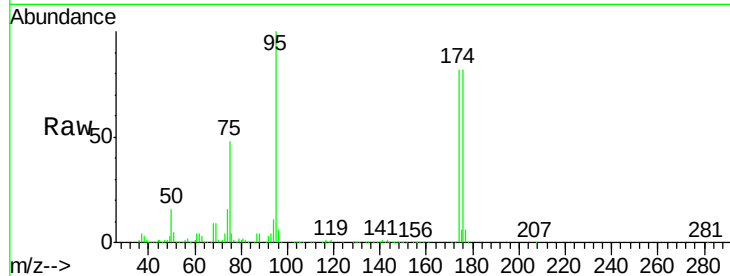
ClientSampleId :

SA-PZ134I-20200604MS

Tot Ion:	95	Resp:	149813
Ion Ratio	Lower	Upper	
95	100		
174	84.1	0.0	163.0
176	81.8	0.0	156.8

Manual Integrations
APPROVED

MMDadoda
6/9/2020 11:41:20 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

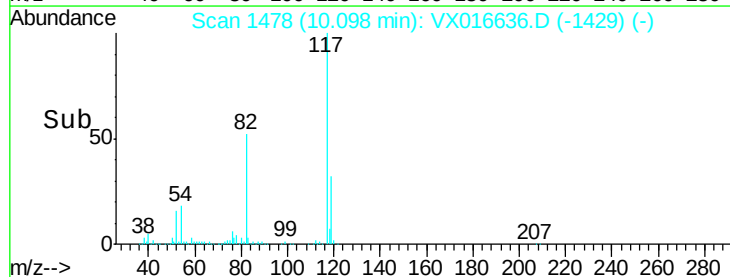
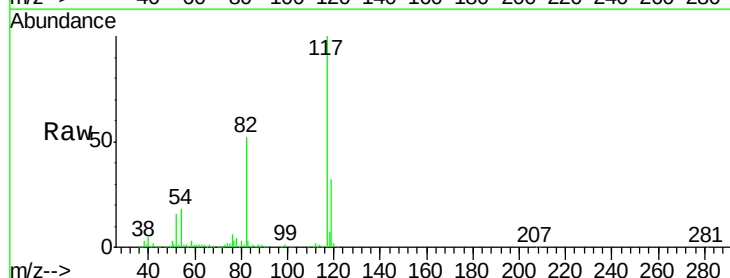
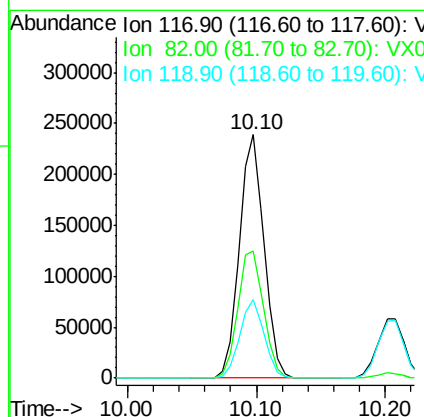
RT: 10.10 min Scan# 1478

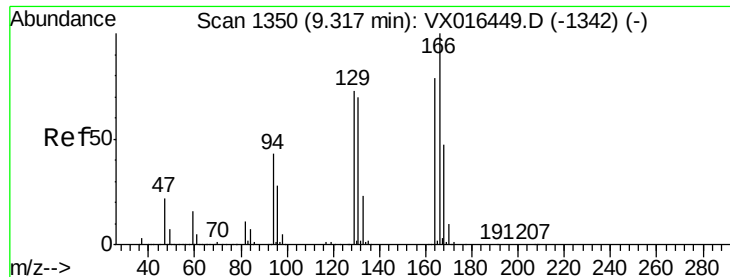
Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Tgt Ion:	117	Resp:	316032
Ion Ratio	Lower	Upper	
117	100		
82	52.2	45.0	67.6
119	32.2	25.8	38.8





#64

Tetrachloroethene

Concen: 49.005 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MS

Tot Ion:164 Resp: 173270

Ion Ratio Lower Upper

164 100

166 122.7 100.9 151.3

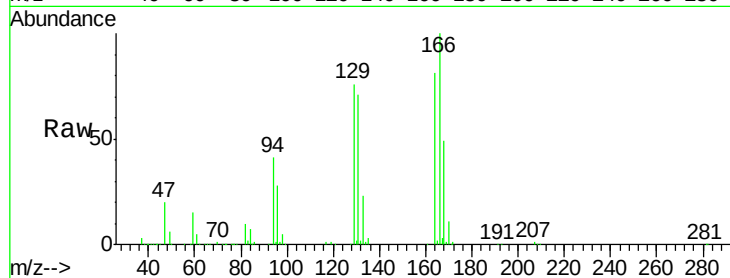
129 93.1 73.2 109.8

131 86.8 70.8 106.2

Manual Integrations
APPROVED

MMDadoda

6/9/2020 11:41:20 AM

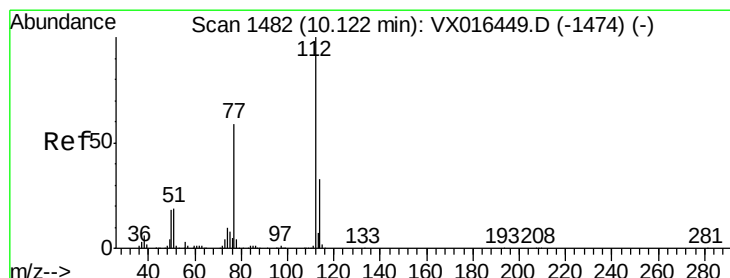
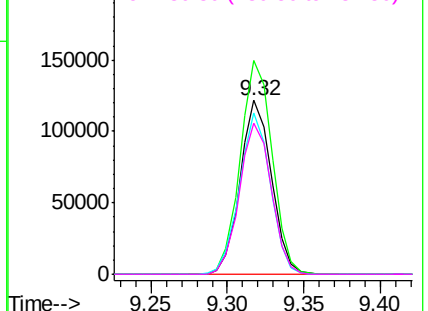
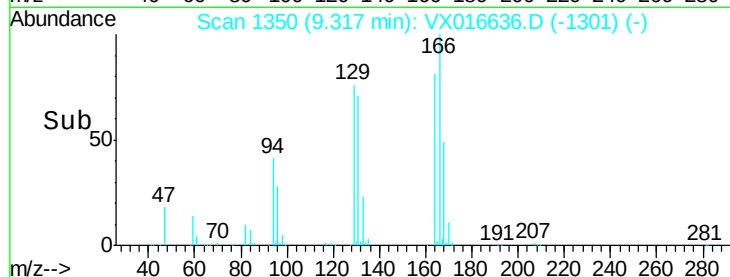


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 50.127 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016636.D

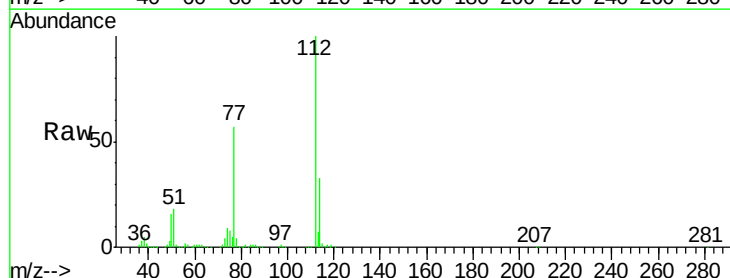
Acq: 08 Jun 2020 14:21

Tgt Ion:112 Resp: 322970

Ion Ratio Lower Upper

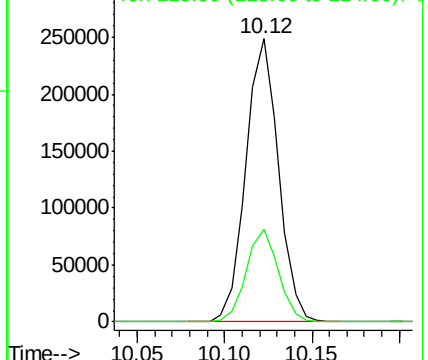
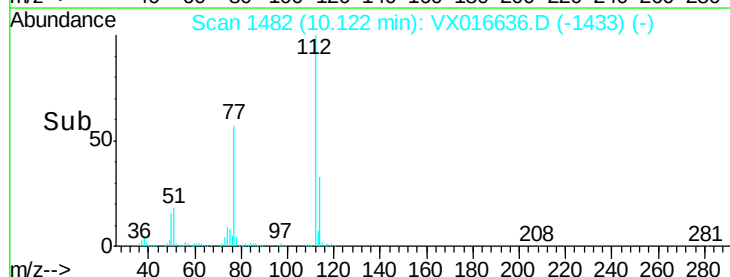
112 100

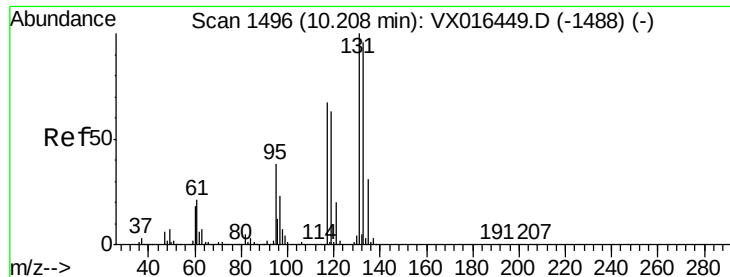
114 32.6 26.0 39.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 53.305 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

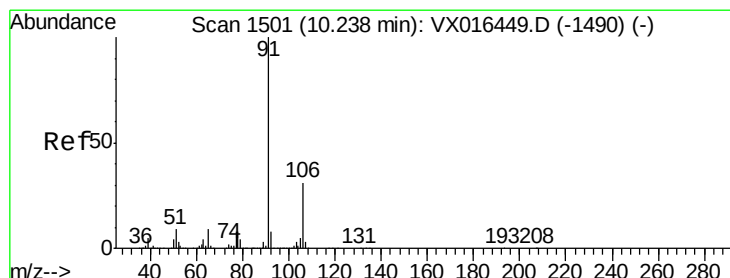
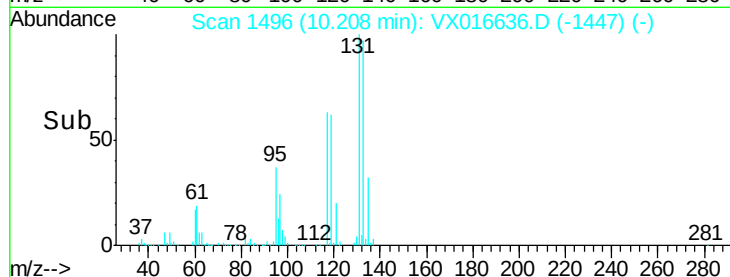
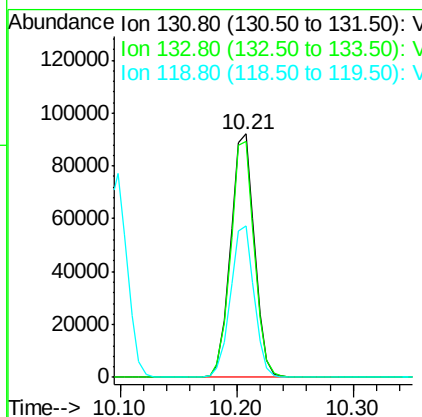
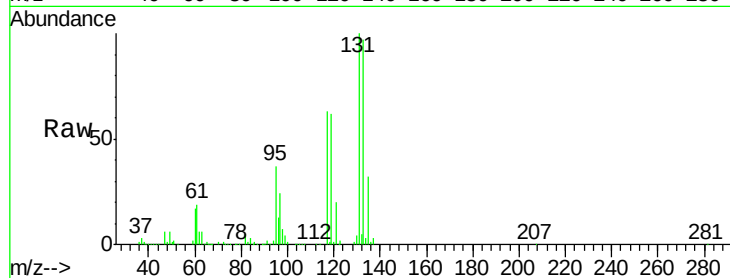
ClientSampleId :

SA-PZ134I-20200604MS

Tot Ion:	131	Resp:	131103
Ion Ratio	Lower	Upper	
131	100		
133	96.6	48.4	145.3
119	61.7	32.0	96.2

Manual Integrations
APPROVED

MMDadoda
6/9/2020 11:41:20 AM



#67

Ethyl Benzene

Concen: 48.985 ug/l

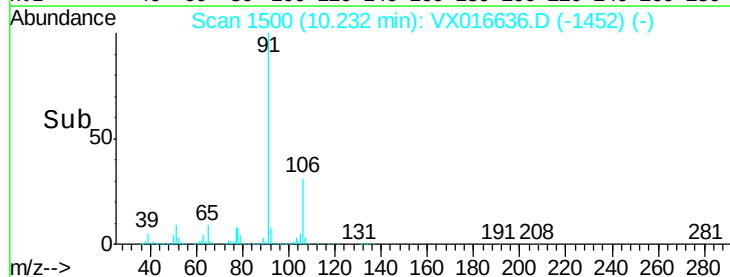
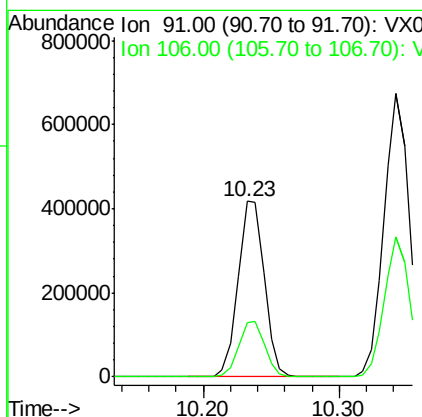
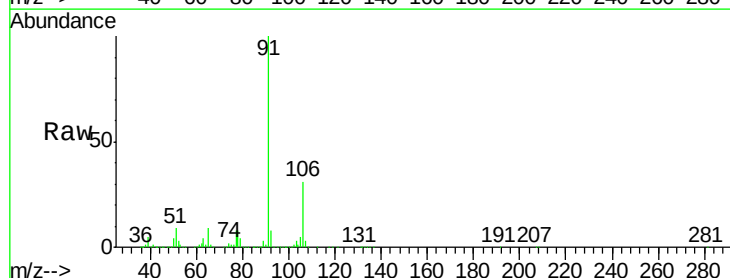
RT: 10.23 min Scan# 1500

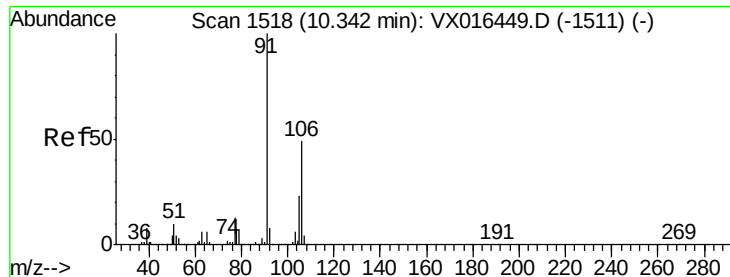
Delta R.T. -0.01 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Tgt Ion:	91	Resp:	561921
Ion Ratio	Lower	Upper	
91	100		
106	30.6	25.0	37.4





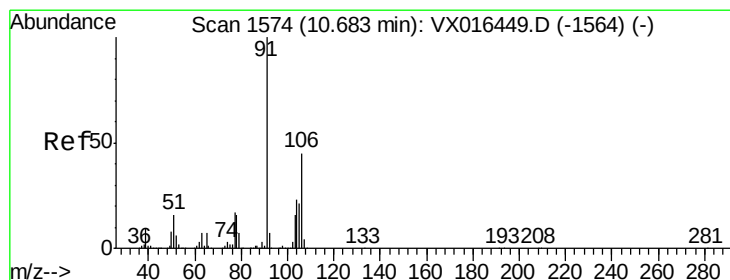
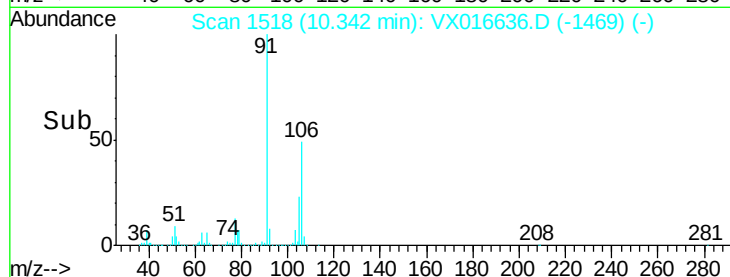
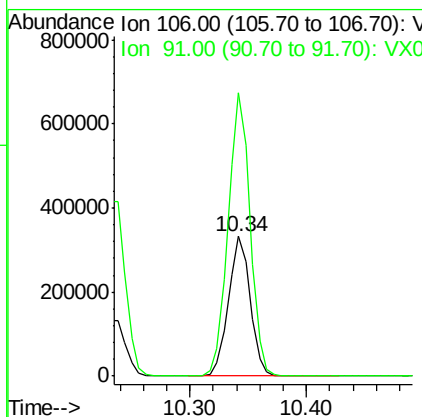
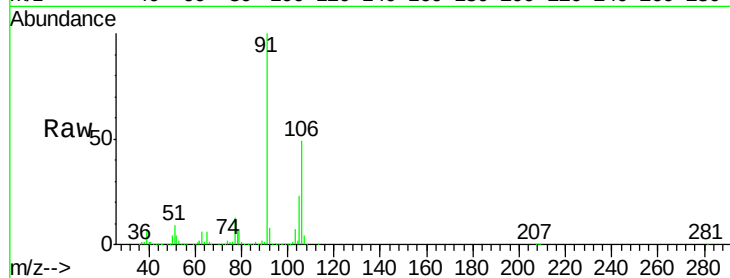
#68
m/p-Xylenes
Concen: 101.412 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	204.3		163.8	245.8	

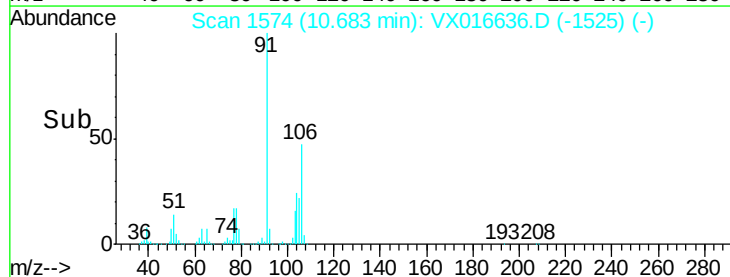
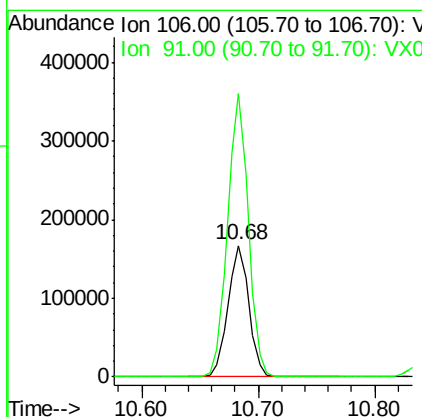
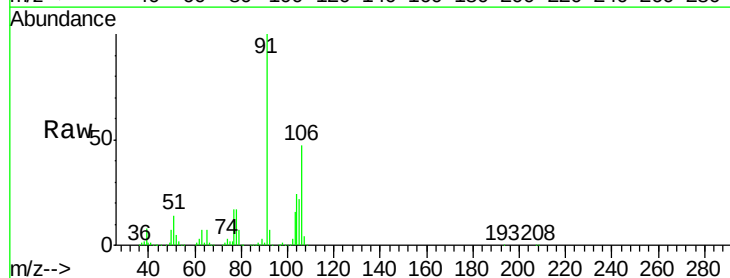
Manual Integrations
APPROVED

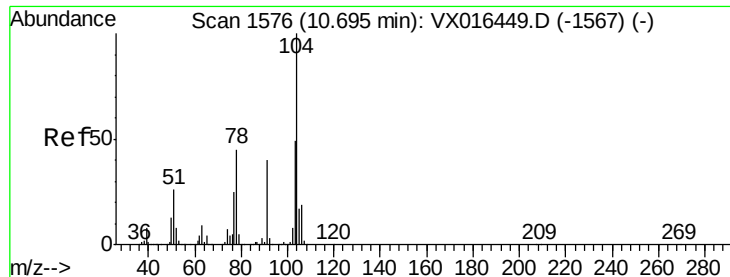
MMDadoda
6/9/2020 11:41:20 AM



#69
o-Xylene
Concen: 50.648 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	213.7		109.6	328.8	





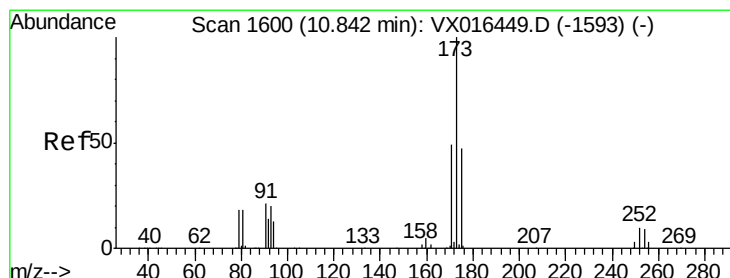
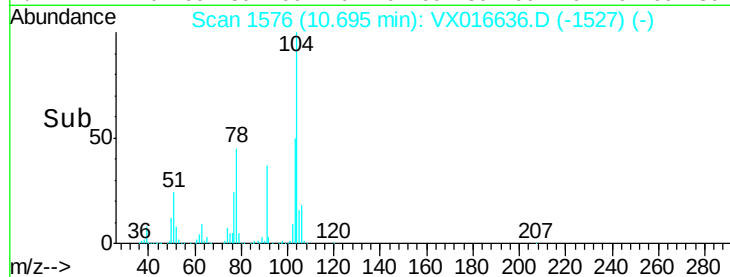
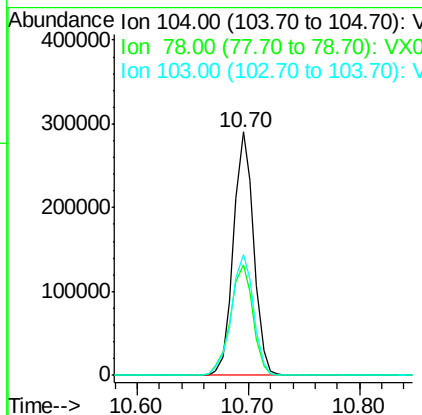
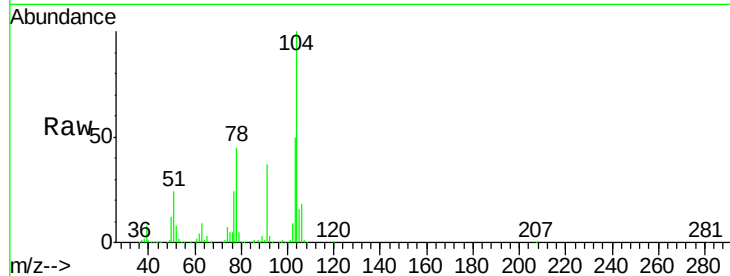
#70
Stvrene
Concen: 51.569 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ134I-20200604MS

Tot Ion	Ratio	Resp	Lower	Upper
104	100	365115		
78	50.6		40.2	60.2
103	54.2		43.1	64.7

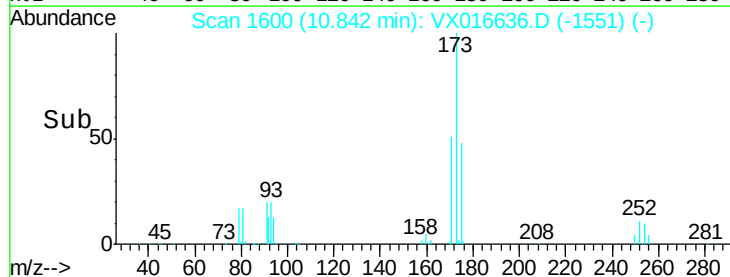
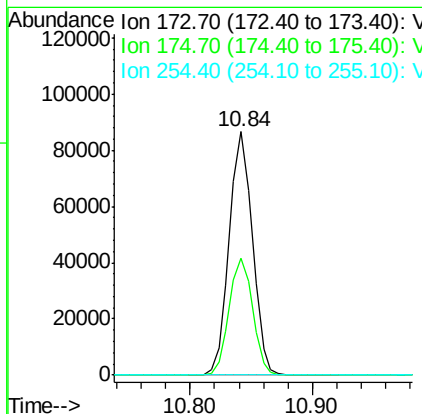
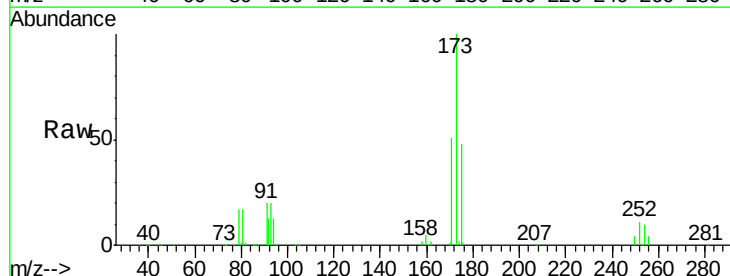
Manual Integrations
APPROVED

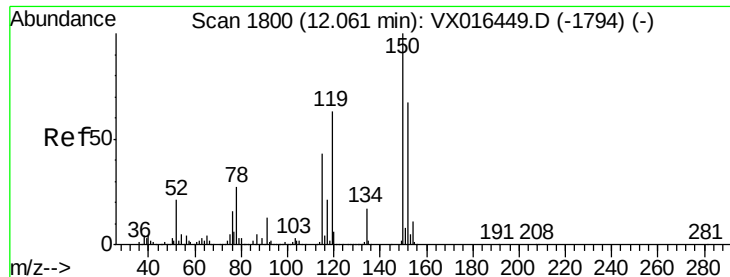
MMDadoda
6/9/2020 11:41:20 AM



#71
Bromoform
Concen: 54.669 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016636.D
Acq: 08 Jun 2020 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	113634		
175	48.8		23.9	71.7
254	0.0		0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MS

Tot Ion:152 Resp: 163503

Ion Ratio Lower Upper

152 100

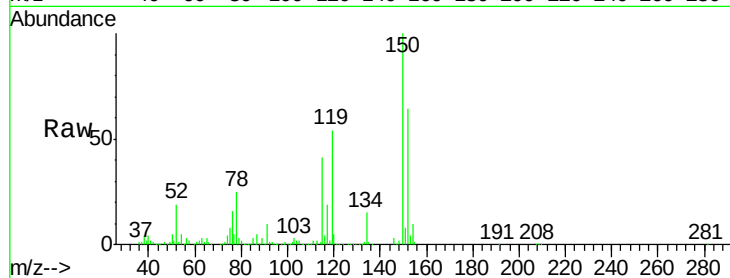
115 80.7 39.9 119.6

150 175.2 0.0 341.0

Manual Integrations
APPROVED

MMDadoda

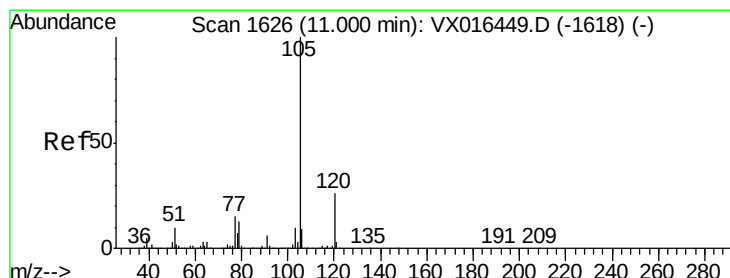
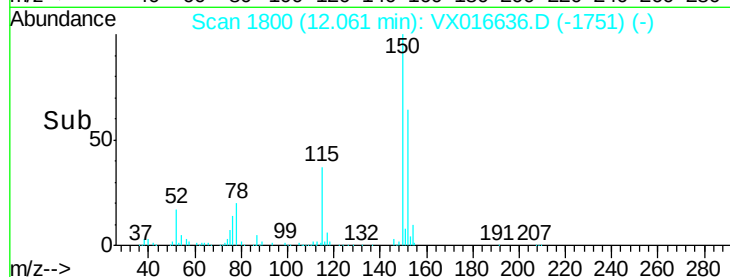
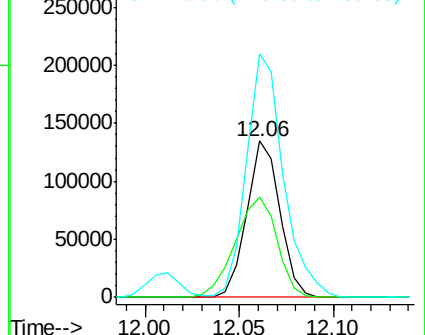
6/9/2020 11:41:20 AM



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: 49.761 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016636.D

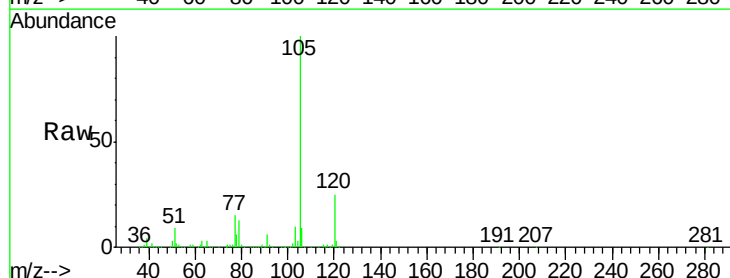
Acq: 08 Jun 2020 14:21

Tgt Ion:105 Resp: 563730

Ion Ratio Lower Upper

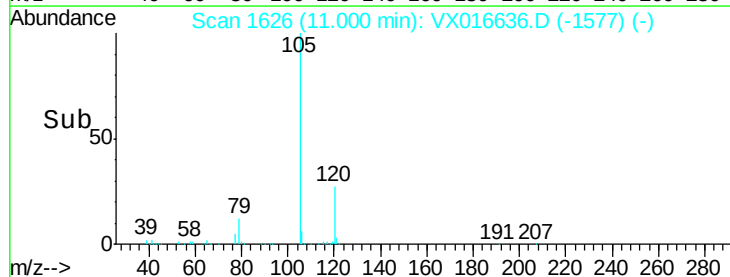
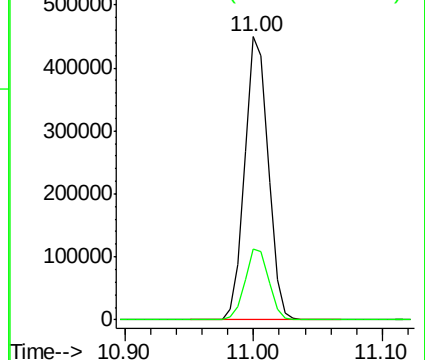
105 100

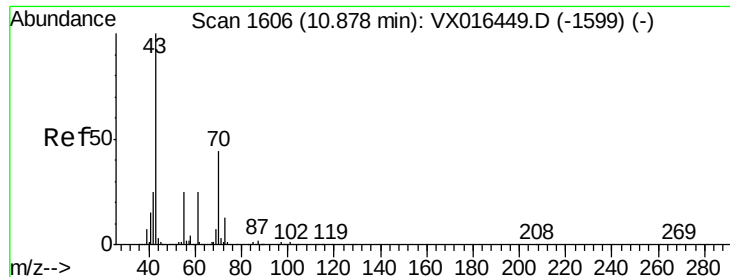
120 25.4 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 41.506 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

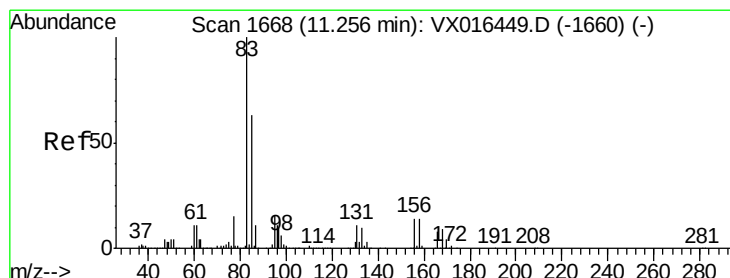
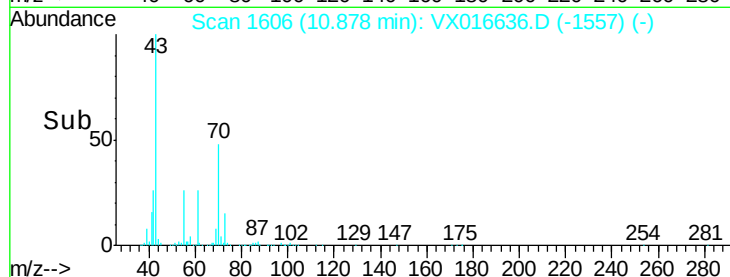
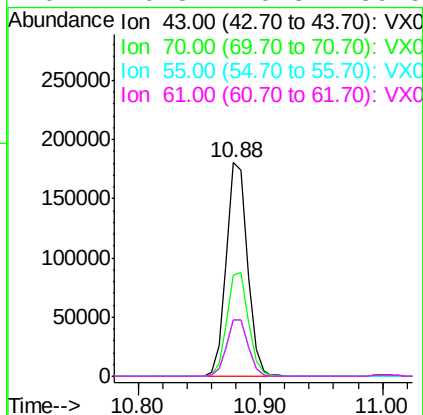
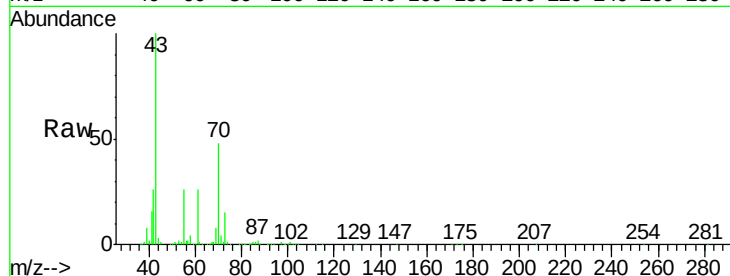
ClientSampleId :

SA-PZ134I-20200604MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
43	100		216285		
70	49.0	36.1	54.1		
55	27.1	20.2	30.4		
61	26.8	20.3	30.5		

Manual Integrations
APPROVED

MMDadoda
6/9/2020 11:41:20 AM



#75

1,1,2,2-Tetrachloroethane

Concen: 51.112 ug/l

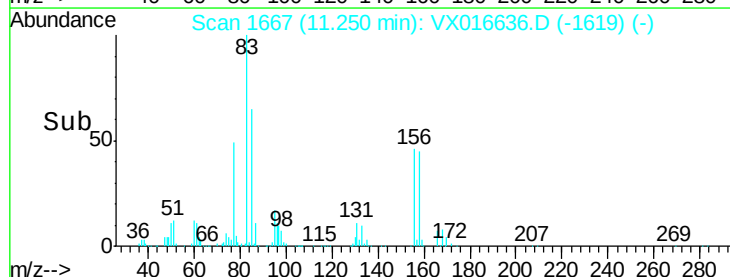
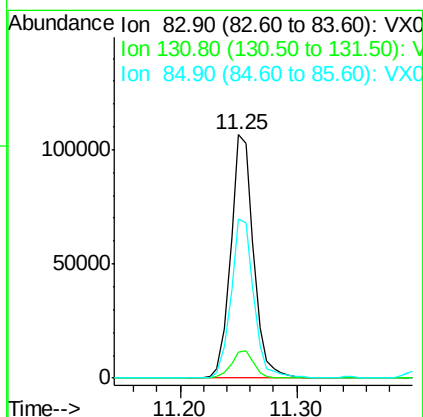
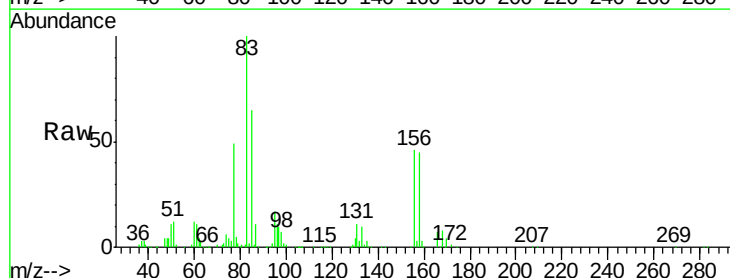
RT: 11.25 min Scan# 1667

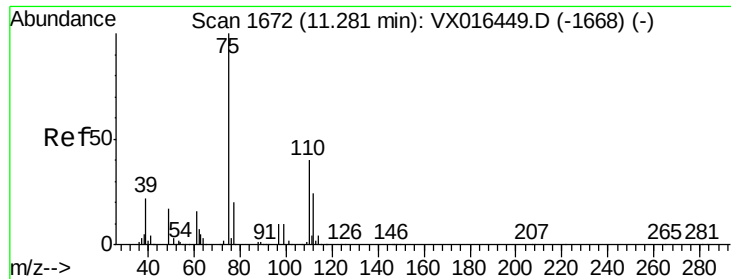
Delta R.T. -0.01 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
83	100		145118		
131	11.1	5.1	15.3		
85	65.1	32.0	96.2		





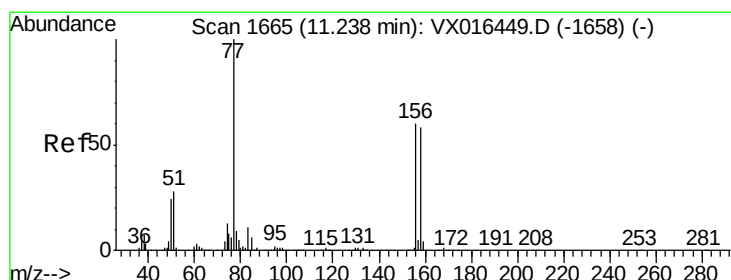
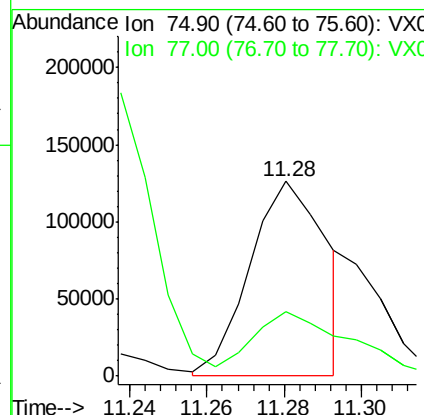
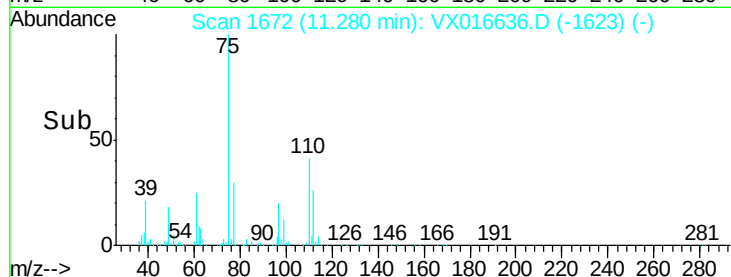
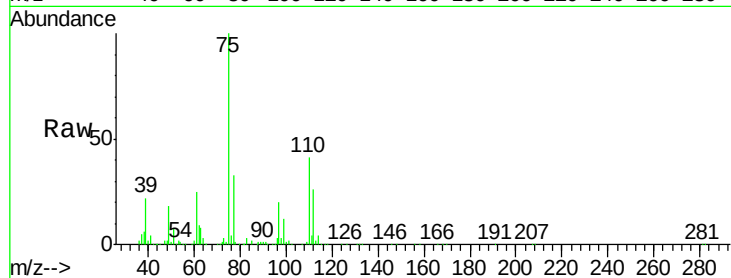
#76
 1,2,3-Trichloropropane
 Concen: 48.267 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MS

Tot Ion: 75 Resp: 173466
 Ion Ratio Lower Upper
 75 100
 77 42.1 21.3 63.7

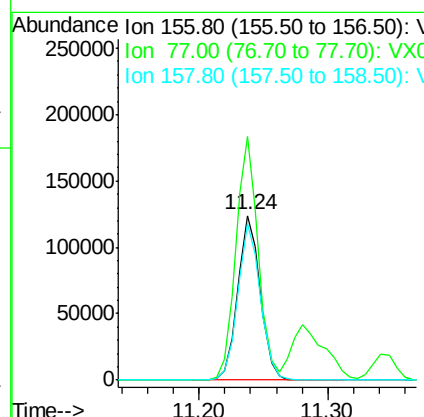
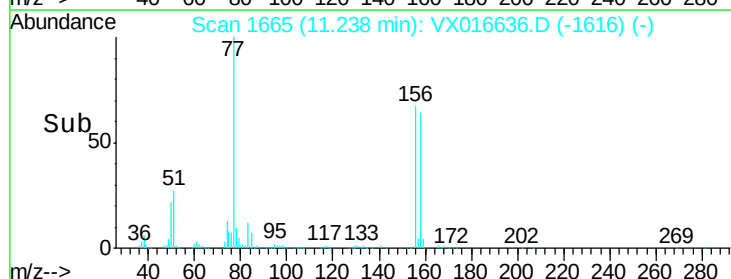
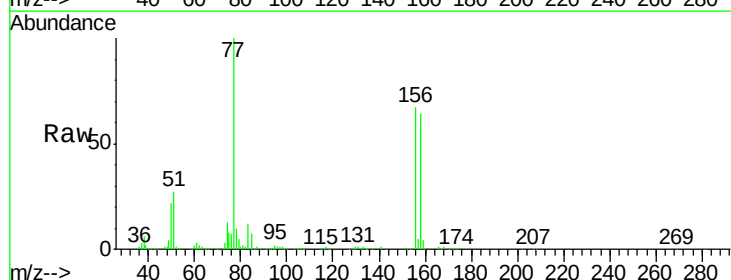
Manual Integrations
 APPROVED

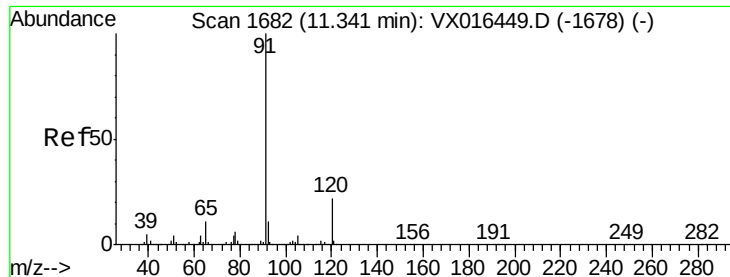
MMDadoda
 6/9/2020 11:41:20 AM



#77
 Bromobenzene
 Concen: 50.734 ug/l
 RT: 11.24 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

Tgt Ion: 156 Resp: 150746
 Ion Ratio Lower Upper
 156 100
 77 147.9 79.6 238.8
 158 95.1 48.1 144.4





#78

n-propylbenzene

Concen: 48.072 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MS

Tot Ion: 91 Resp: 608439

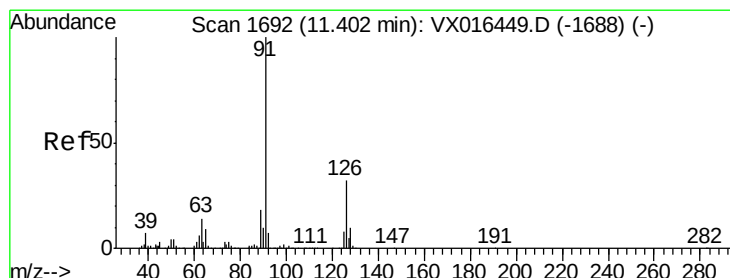
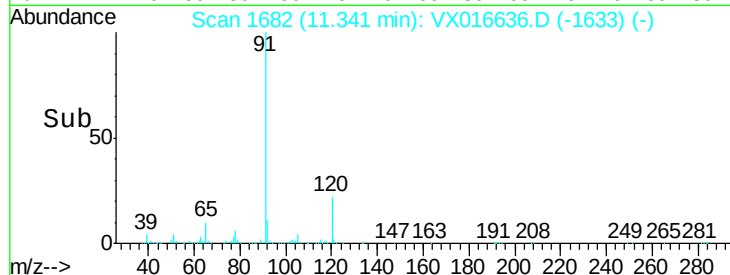
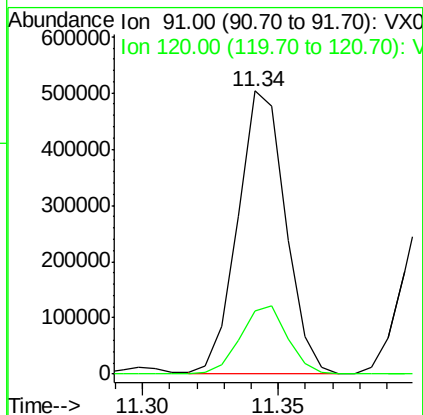
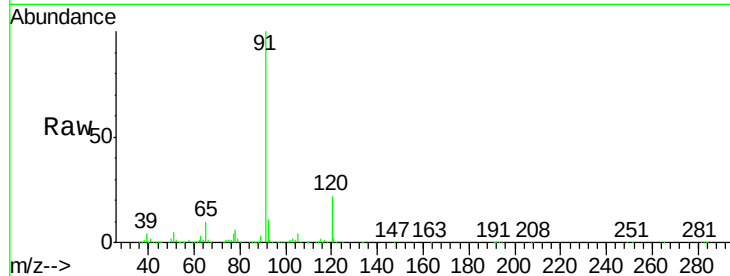
Ion Ratio Lower Upper

91 100

120 24.0 11.6 34.7

Manual Integrations
APPROVED

MMDadoda
6/9/2020 11:41:20 AM



#79

2-Chlorotoluene

Concen: 49.394 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016636.D

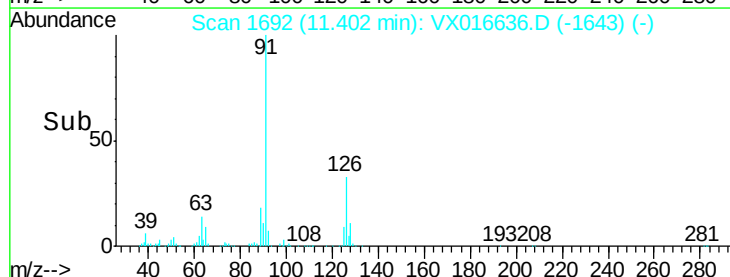
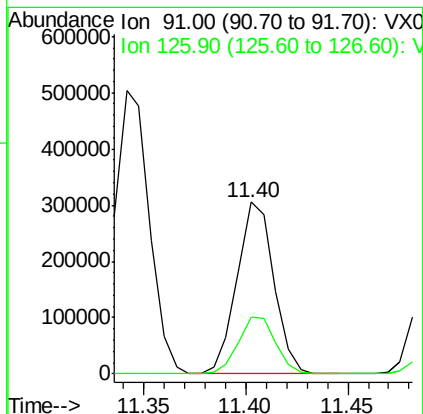
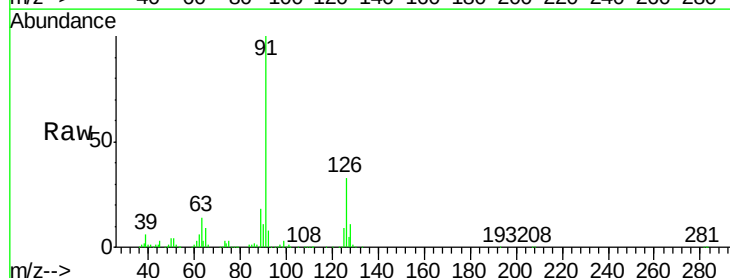
Acq: 08 Jun 2020 14:21

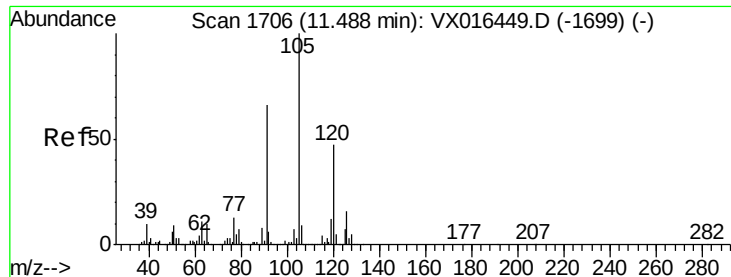
Tgt Ion: 91 Resp: 381604

Ion Ratio Lower Upper

91 100

126 34.0 16.8 50.3





#80

1,3,5-Trimethylbenzene

Concen: 50.028 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MS

Tot Ion:105 Resp: 473234

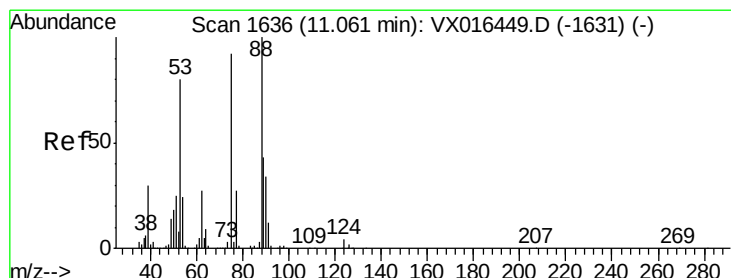
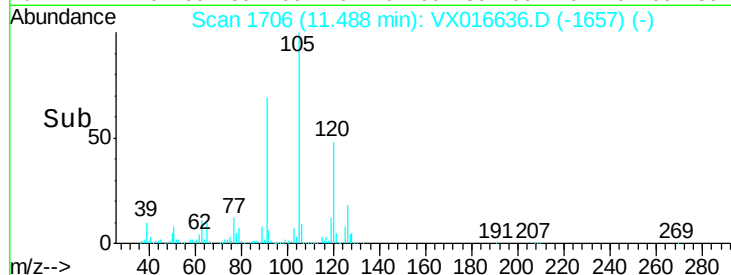
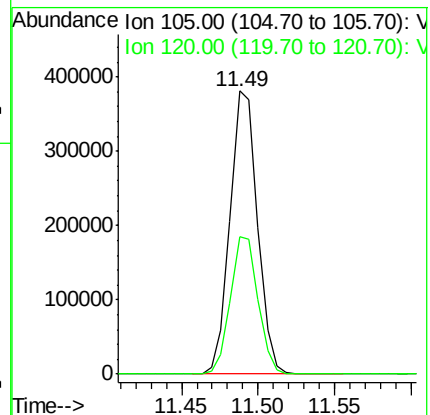
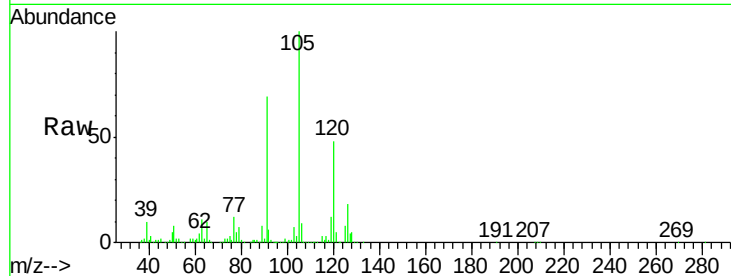
Ion Ratio Lower Upper

105 100

120 48.8 24.3 72.8

Manual Integrations
APPROVED

MMDadoda
6/9/2020 11:41:20 AM



#81

trans-1,4-Dichloro-2-butene

Concen: 46.776 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

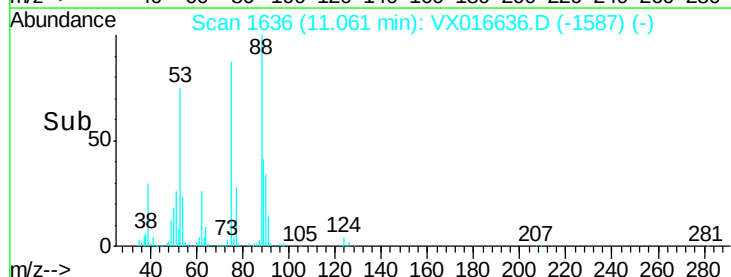
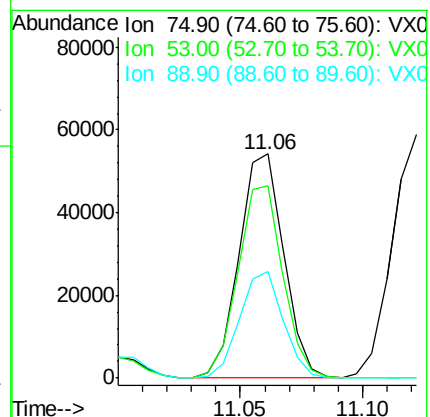
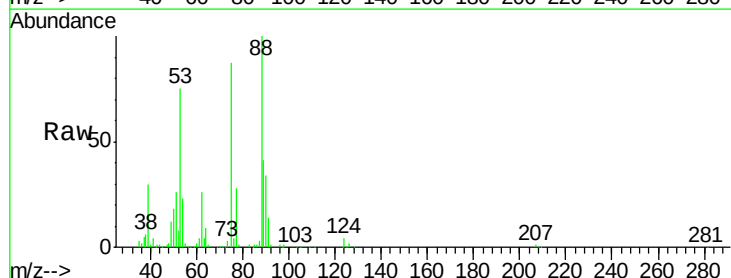
Tgt Ion: 75 Resp: 68340

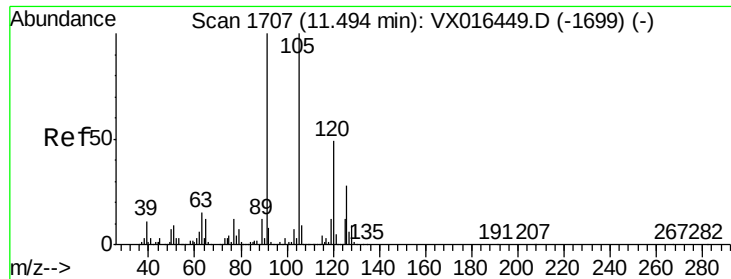
Ion Ratio Lower Upper

75 100

53 87.2 71.3 106.9

89 47.0 36.6 55.0





#82

4-Chlorotoluene

Concen: 48.801 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MS

Tot Ion: 91 Resp: 445218

Ion Ratio Lower Upper

91 100

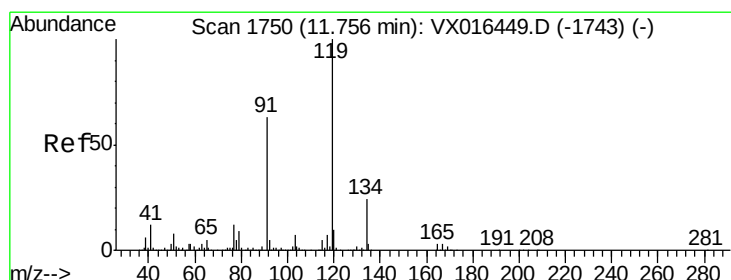
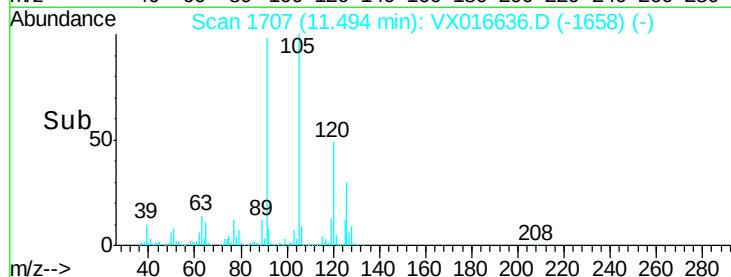
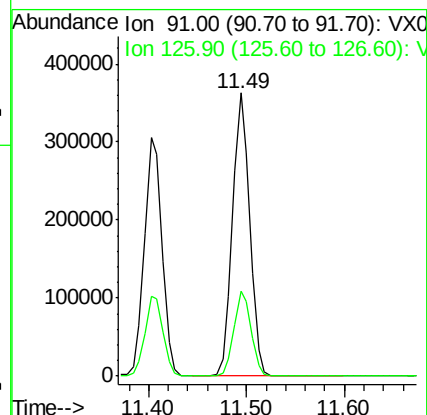
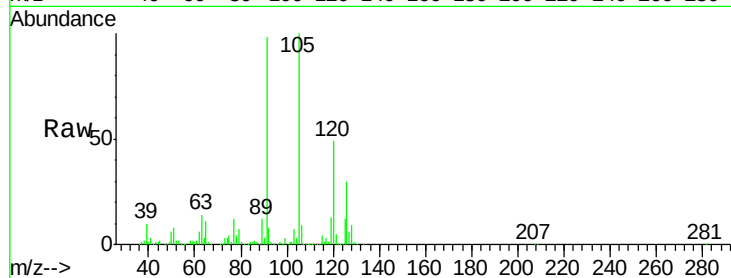
126 30.0 14.7 44.1

Manual Integrations

APPROVED

MMDadoda

6/9/2020 11:41:20 AM



#83

tert-Butylbenzene

Concen: 51.591 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

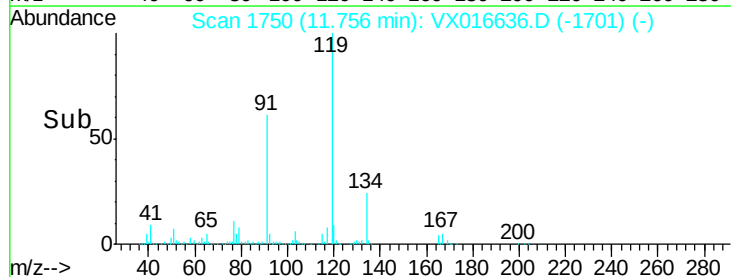
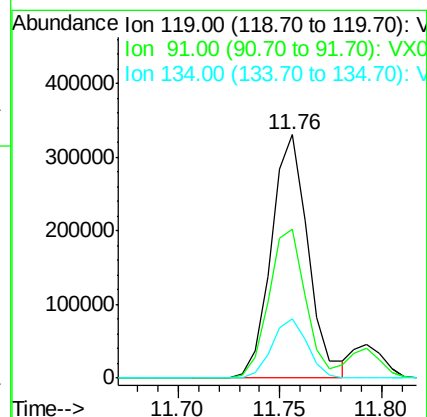
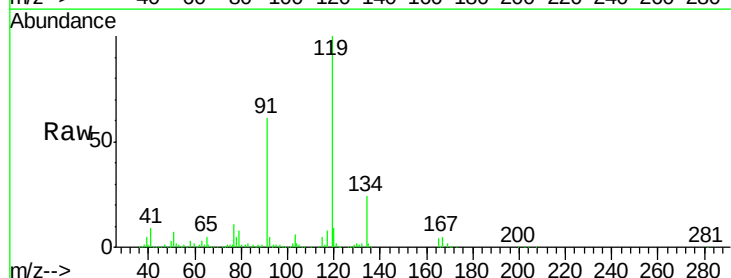
Tgt Ion: 119 Resp: 416992

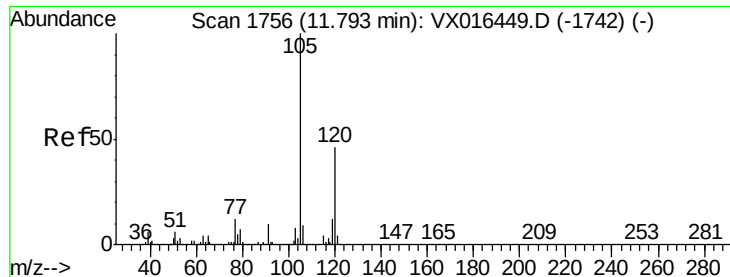
Ion Ratio Lower Upper

119 100

91 61.0 31.3 93.8

134 23.5 12.0 36.0





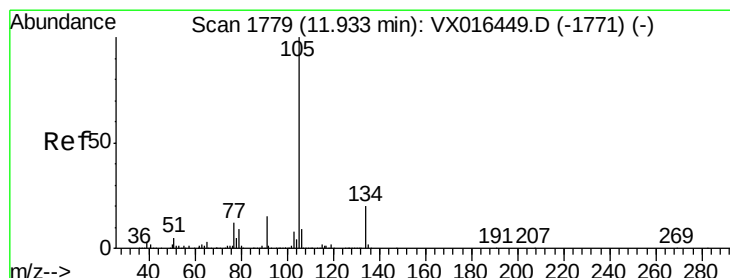
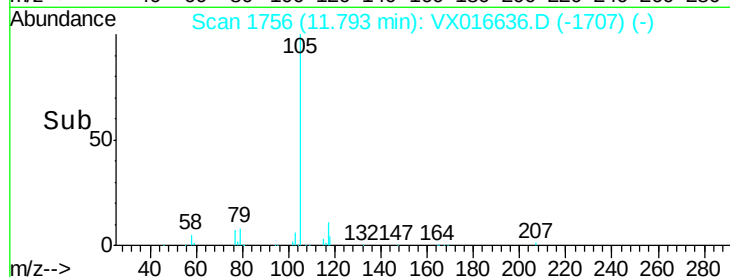
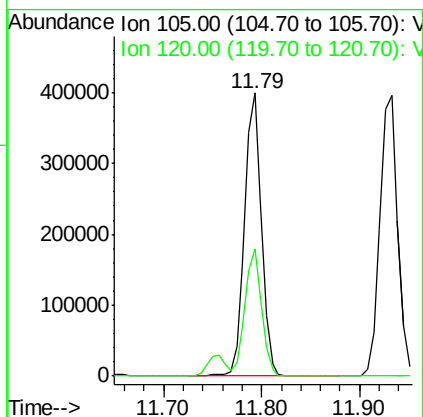
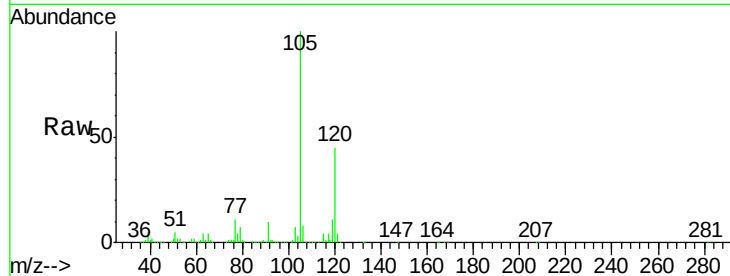
#84
 1,2,4-Trimethylbenzene
 Concen: 50.147 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MS

Tot Ion	Ratio	Lower	Upper
105	100		
120	44.2	22.6	67.7

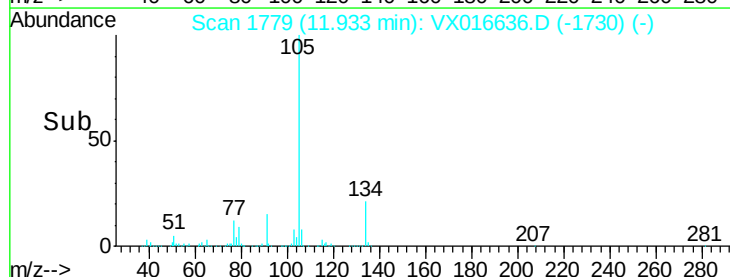
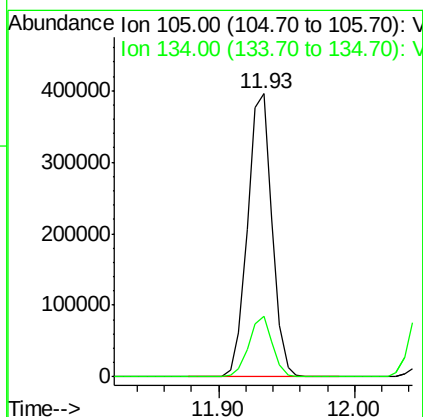
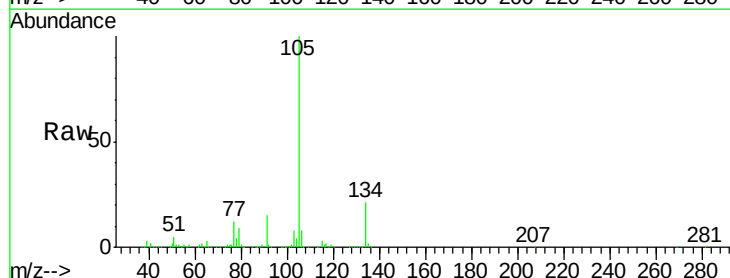
Manual Integrations
 APPROVED

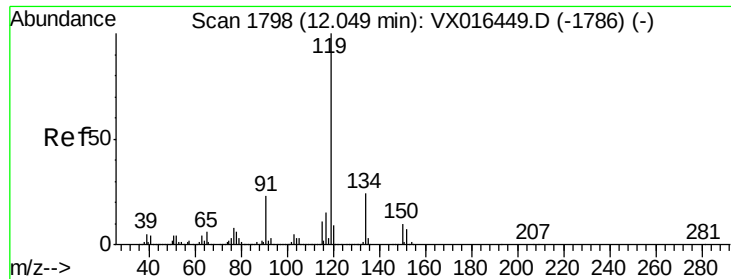
MMDadoda
 6/9/2020 11:41:20 AM



#85
 sec-Butylbenzene
 Concen: 49.028 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

Tgt Ion	Ratio	Lower	Upper
105	100		
134	20.6	10.1	30.3





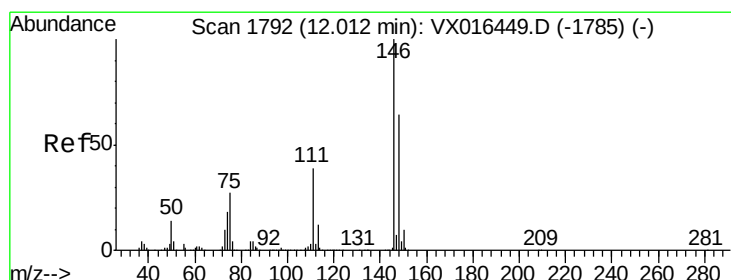
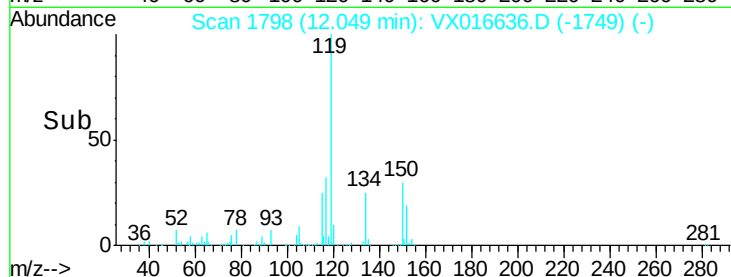
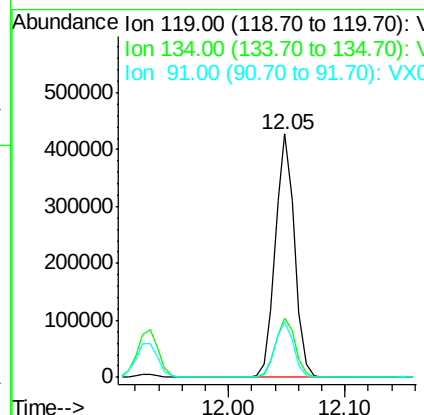
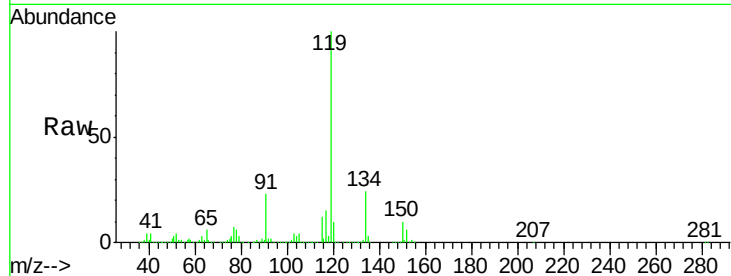
#86
 p-Isopropyltoluene
 Concen: 51.389 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	488085		
134	25.2		12.7	38.0
91	22.9		11.7	35.0

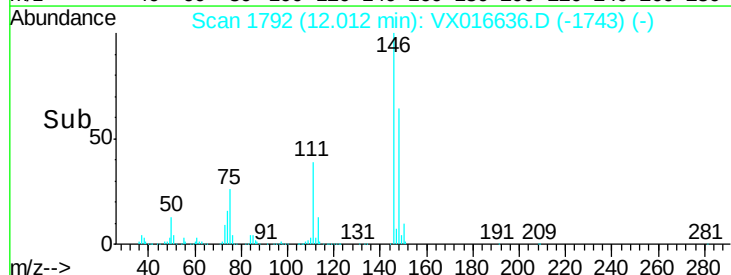
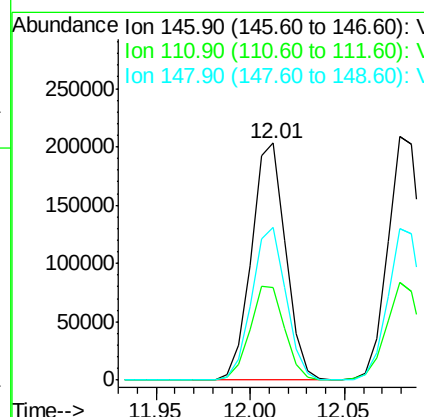
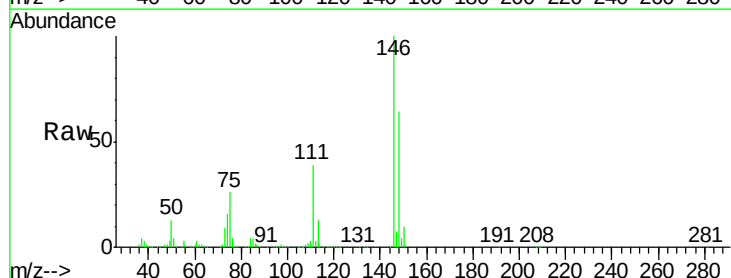
Manual Integrations
 APPROVED

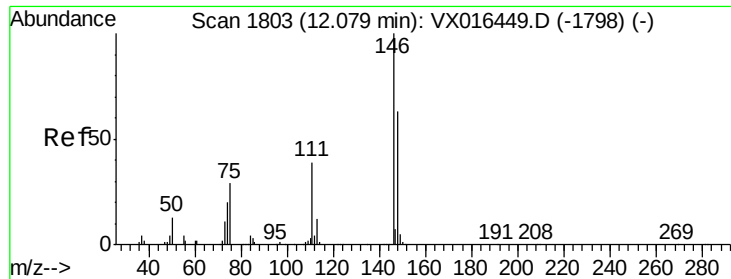
MMDadoda
 6/9/2020 11:41:20 AM



#87
 1,3-Dichlorobenzene
 Concen: 49.617 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	255419		
111	40.2		20.0	60.0
148	64.2		31.9	95.5





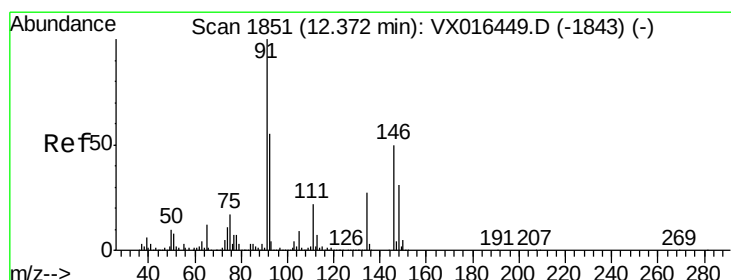
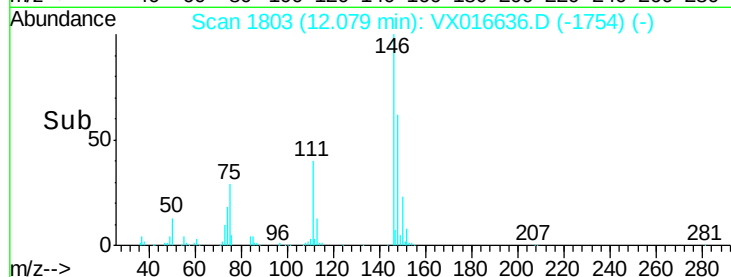
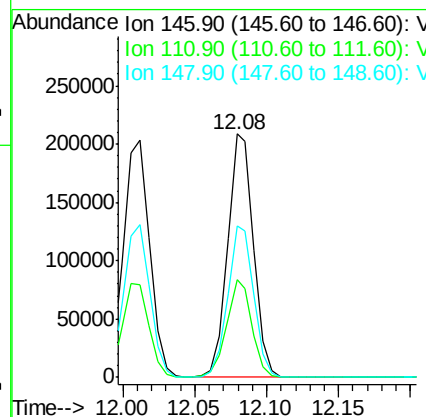
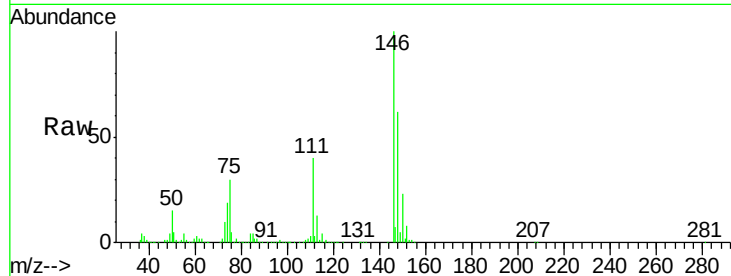
#88
 1,4-Dichlorobenzene
 Concen: 50.073 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MS

Tot Ion	Ratio	Resp	Lower	Upper
146	100	263628		
111	39.2		19.4	58.2
148	62.7		31.4	94.3

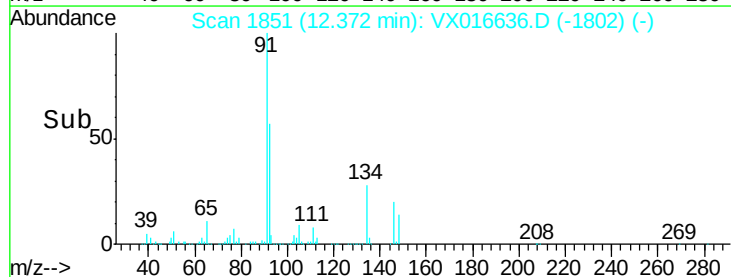
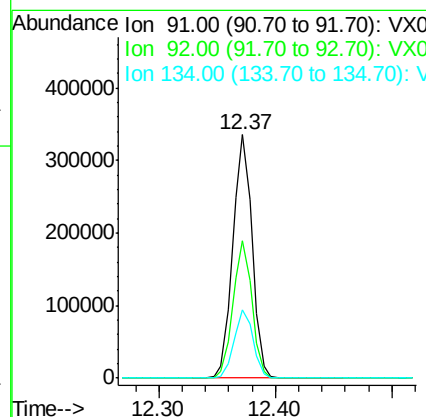
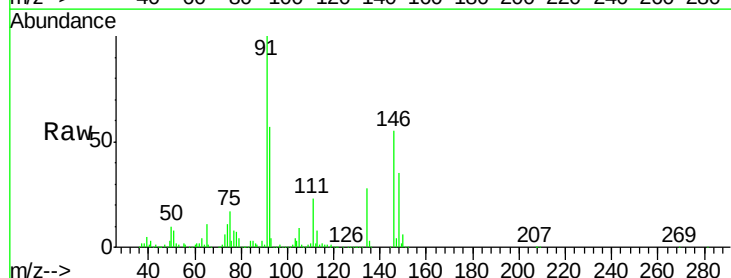
Manual Integrations
 APPROVED

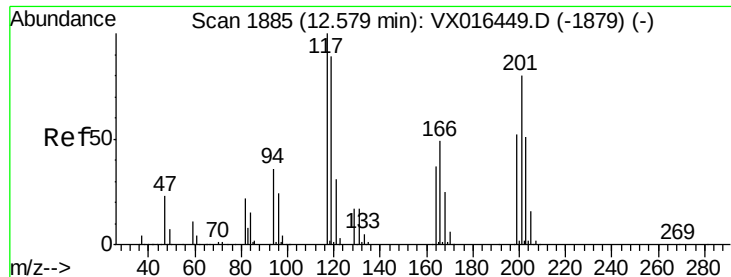
MMDadoda
 6/9/2020 11:41:20 AM



#89
 n-Butylbenzene
 Concen: 48.714 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	385386		
92	55.3		27.2	81.5
134	27.9		13.1	39.3





#90

Hexachloroethane

Concen: 51.301 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ134I-20200604MS

Tot Ion:117 Resp: 84163

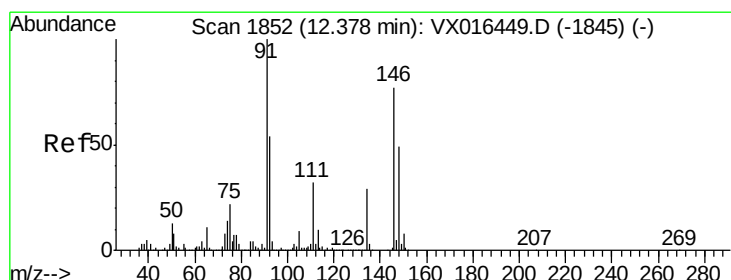
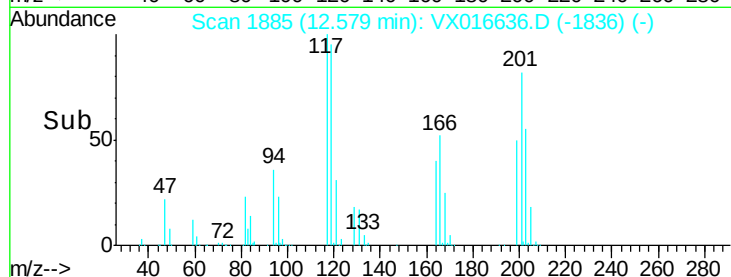
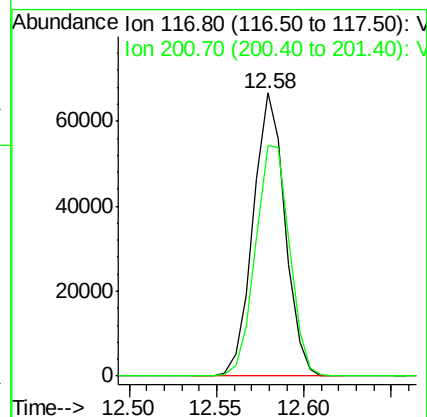
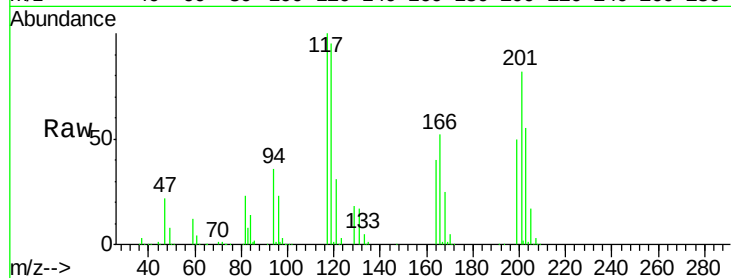
Ion Ratio Lower Upper

117 100

201 87.1 43.1 129.3

Manual Integrations
APPROVED

MMDadoda
6/9/2020 11:41:20 AM



#91

1,2-Dichlorobenzene

Concen: 50.861 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

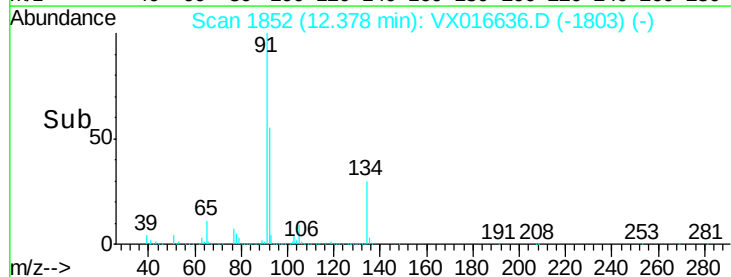
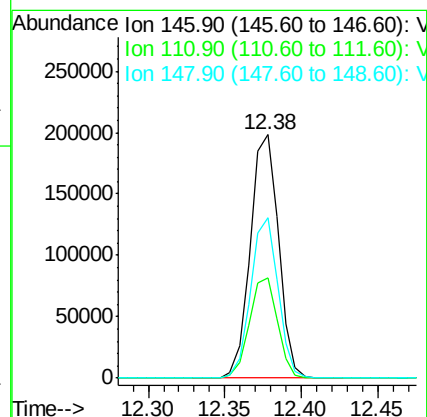
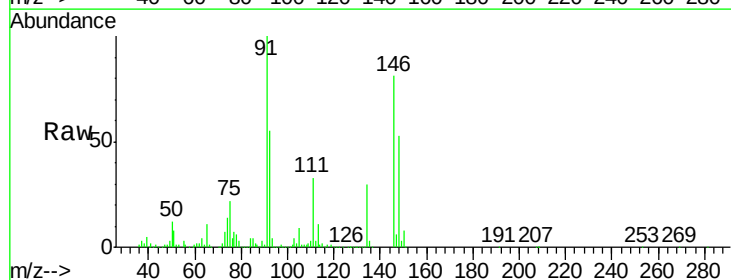
Tgt Ion:146 Resp: 253664

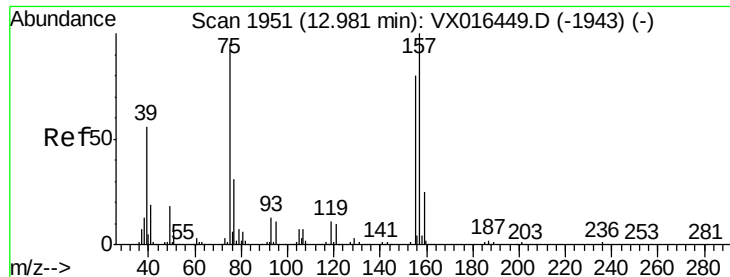
Ion Ratio Lower Upper

146 100

111 41.1 21.4 64.3

148 64.1 31.9 95.7





#92

1,2-Dibromo-3-Chloropropane

Concen: 47.300 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

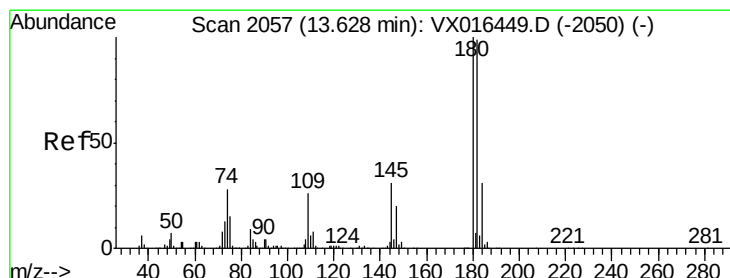
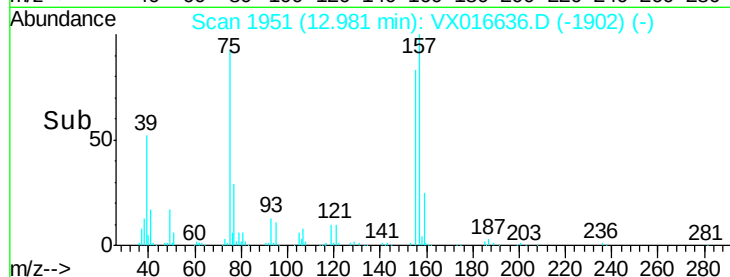
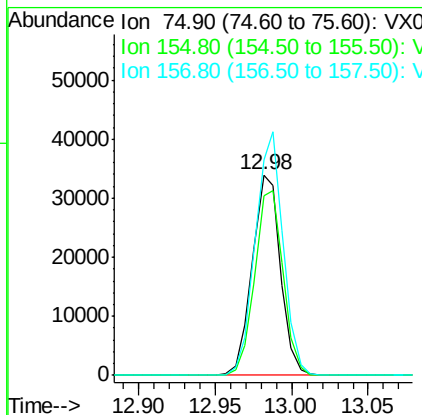
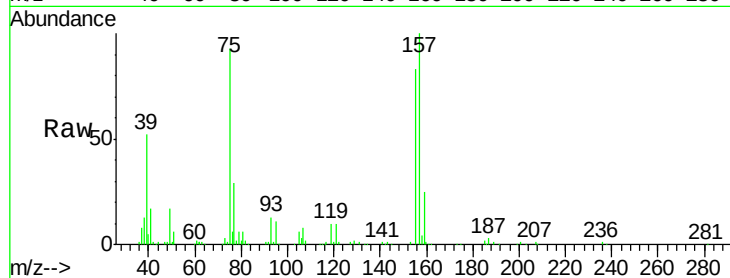
ClientSampleId :

SA-PZ134I-20200604MS

Tot Ion:	75	Resp:	43499
Ion	Ratio	Lower	Upper
75	100		
155	92.6	44.1	132.4
157	119.5	57.8	173.3

Manual Integrations
APPROVED

MMDadoda
6/9/2020 11:41:20 AM



#93

1,2,4-Trichlorobenzene

Concen: 51.375 ug/l

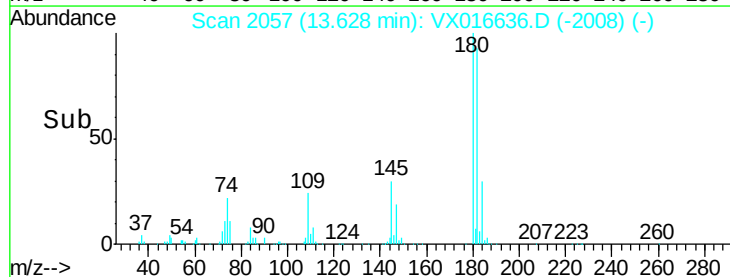
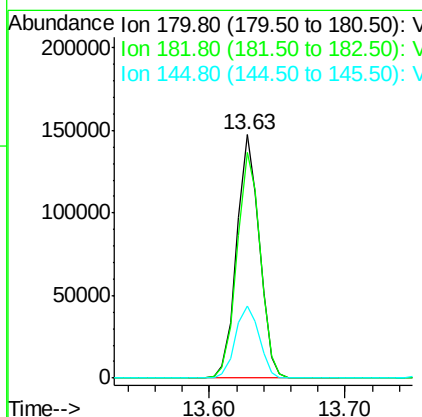
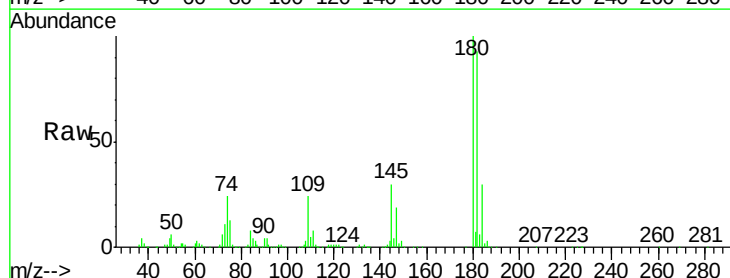
RT: 13.63 min Scan# 2057

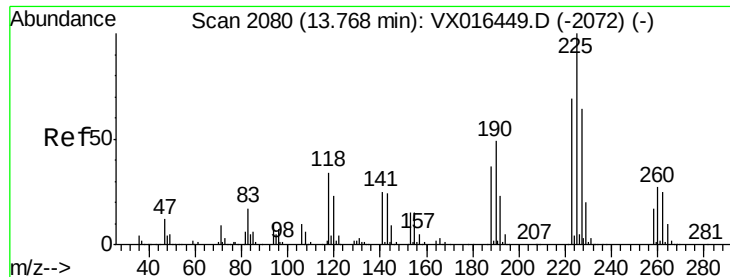
Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Tgt Ion:	180	Resp:	170170
Ion	Ratio	Lower	Upper
180	100		
182	95.0	48.3	144.8
145	31.2	15.4	46.2





#94

Hexachlorobutadiene

Concen: 54.494 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Instrument :

MSVOA_X

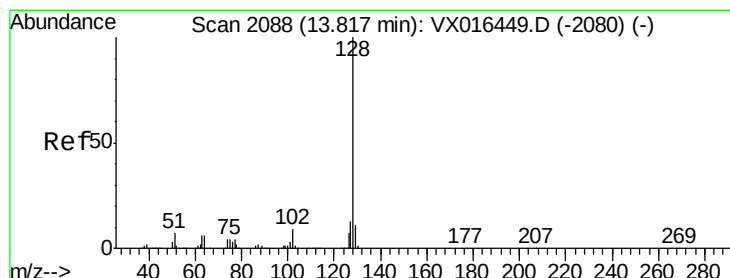
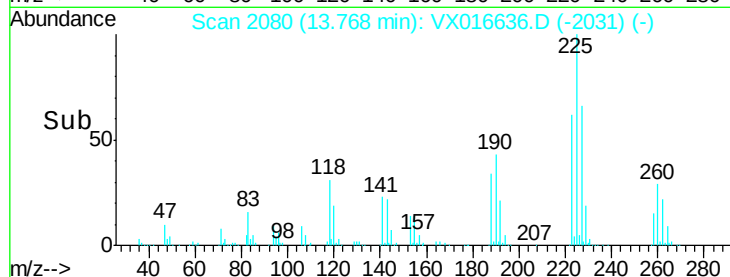
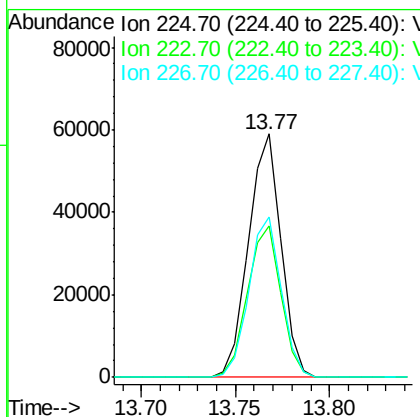
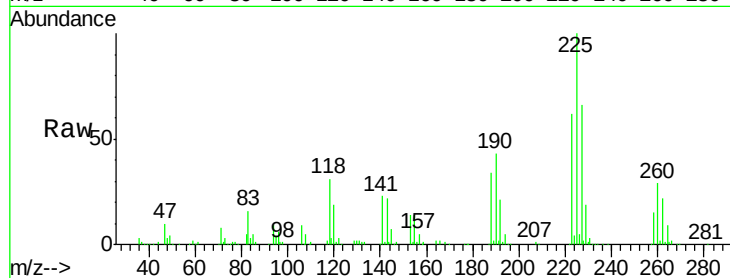
ClientSampleId :

SA-PZ134I-20200604MS

Tot Ion	Ratio	Resp	Lower	Upper
225	100	70869		
223	63.9		32.3	96.8
227	65.5		31.6	94.7

Manual Integrations
APPROVED

MMDadoda
6/9/2020 11:41:20 AM



#95

Naphthalene

Concen: 50.609 ug/l

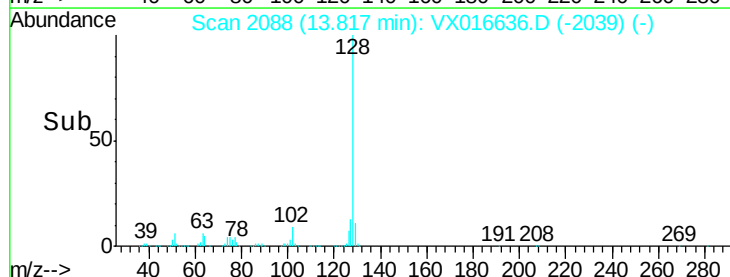
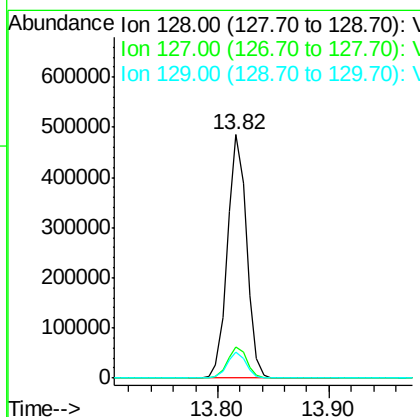
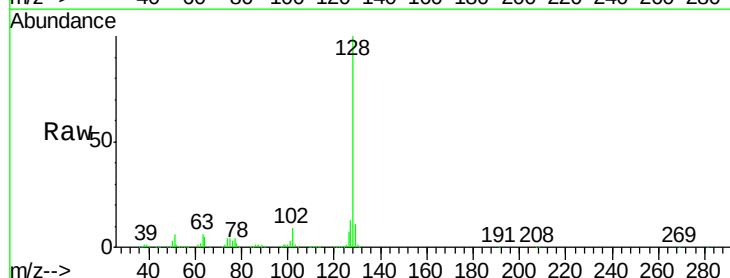
RT: 13.82 min Scan# 2088

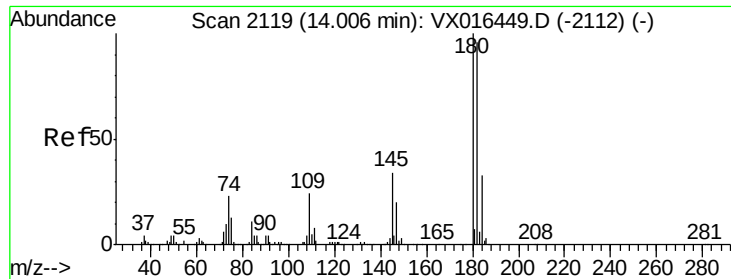
Delta R.T. -0.00 min

Lab File: VX016636.D

Acq: 08 Jun 2020 14:21

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	574664		
127	13.0		10.6	15.8
129	10.8		8.6	13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 52.463 ug/l
 RT: 14.01 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VX016636.D
 Acq: 08 Jun 2020 14:21

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ134I-20200604MS

Tot Ion	Ratio	Resp Lower	Upper
180	100		
182	94.6	48.6	145.8
145	32.0	16.6	49.8

Manual Integrations
 APPROVED

MMDadoda
 6/9/2020 11:41:20 AM

