

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061520\
 Data File : VX016746.D
 Acq On : 15 Jun 2020 11:10
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 6/16/2020 3:23:05 PM

Quant Time: Jun 16 01:57:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 15 12:43:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	293799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	429434	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	393907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	186123	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	2702	0.919	ug/l	94
3) Chloromethane	1.31	50	3387	0.987	ug/l	93
4) Vinyl Chloride	1.39	62	3465	0.950	ug/l	99
6) Chloroethane	1.71	64	2115	0.991	ug/l	98
7) Trichlorofluoromethane	1.92	101	5505	1.129	ug/l	94
8) Diethyl Ether	2.17	74	2035	1.019	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2767	1.046	ug/l	93
12) 1,1-Dichloroethene	2.36	96	3305	1.178	ug/l	88
14) Allyl chloride	2.71	41	4565	0.910	ug/l	97
15) Acrylonitrile	3.11	53	8113	4.386	ug/l	97
16) Acetone	2.42	43	8499	5.495	ug/l	94
17) Carbon Disulfide	2.55	76	10018	1.211	ug/l	96
18) Methyl Acetate	2.75	43	3689	0.913	ug/l	98
19) Methyl tert-butyl Ether	3.16	73	9340	0.939	ug/l	91
20) Methylene Chloride	2.82	84	3408	1.048	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	3347	1.084	ug/l	96
22) Diisopropyl ether	3.82	45	7581	0.790	ug/l #	87
23) Vinyl Acetate	3.78	43	33310	3.994	ug/l	100
24) 1,1-Dichloroethane	3.67	63	5377	0.977	ug/l #	94
25) 2-Butanone	4.63	43	10374	4.004	ug/l	99
26) 2,2-Dichloropropane	4.55	77	5057	1.090	ug/l	94
27) cis-1,2-Dichloroethene	4.56	96	3796	1.068	ug/l	94
28) Bromochloromethane	4.98	49	2177	0.857	ug/l #	98
29) Tetrahydrofuran	5.09	42	6808	4.074	ug/l	97
30) Chloroform	5.17	83	5556	0.994	ug/l #	83
32) 1,1,1-Trichloroethane	5.46	97	4830	0.948	ug/l #	46
36) 1,1-Dichloropropene	5.77	75	4162	1.035	ug/l	98
37) Ethyl Acetate	4.79	43	4278	0.907	ug/l #	94
38) Carbon Tetrachloride	5.75	117	4647	1.085	ug/l	90
39) Methylcyclohexane	7.43	83	4402	1.004	ug/l	93
40) Benzene	6.11	78	11724	0.981	ug/l	98
41) Methacrylonitrile	5.00	41	2312	0.892	ug/l #	91
42) 1,2-Dichloroethane	6.16	62	4307	1.012	ug/l	96
43) Isopropyl Acetate	6.40	43	6377	0.864	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061520\
 Data File : VX016746.D
 Acq On : 15 Jun 2020 11:10
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 6/16/2020 3:23:05 PM

Quant Time: Jun 16 01:57:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 15 12:43:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.19	130	3753	0.989	ug/l	90
45) 1,2-Dichloropropane	7.49	63	2790	0.922	ug/l #	89
46) Dibromomethane	7.63	93	2201	1.072	ug/l	91
47) Bromodichloromethane	7.87	83	4513	1.061	ug/l #	83
48) Methyl methacrylate	7.74	41	2853	0.809	ug/l	97
49) 1,4-Dioxane	7.71	88	1541	18.513	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	18151	3.961	ug/l	98
52) Toluene	8.76	92	7412	0.979	ug/l	95
53) t-1,3-Dichloropropene	9.02	75	4639	0.959	ug/l	95
54) cis-1,3-Dichloropropene	8.41	75	4921	0.964	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	2865	0.950	ug/l	90
56) Ethyl methacrylate	9.16	69	3812	0.786	ug/l	93
57) 1,3-Dichloropropane	9.35	76	5173	1.007	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	8412	3.327	ug/l	100
59) 2-Hexanone	9.47	43	13279	3.731	ug/l	98
60) Dibromochloromethane	9.56	129	3333	0.974	ug/l	99
61) 1,2-Dibromoethane	9.65	107	3144	0.969	ug/l	93
64) Tetrachloroethene	9.32	164	4342	1.011	ug/l	96
65) Chlorobenzene	10.12	112	8282	1.040	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.20	131	3264	1.063	ug/l #	66
67) Ethyl Benzene	10.23	91	13677	0.970	ug/l	96
68) m/p-Xylenes	10.34	106	9837	1.872	ug/l	97
69) o-Xylene	10.68	106	4617	0.906	ug/l	94
70) Styrene	10.70	104	7559	0.865	ug/l	98
71) Bromoform	10.84	173	2546	0.985	ug/l #	98
73) Isopropylbenzene	11.00	105	12528	0.982	ug/l	99
74) N-amyl acetate	10.88	43	4158	0.729	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.25	83	3635	1.124	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	4278m	1.065	ug/l	
77) Bromobenzene	11.24	156	3650	1.083	ug/l	96
78) n-propylbenzene	11.34	91	13023	0.917	ug/l	99
79) 2-Chlorotoluene	11.40	91	8494	0.979	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	9630	0.904	ug/l	98
82) 4-Chlorotoluene	11.49	91	9727	0.952	ug/l	100
83) tert-Butylbenzene	11.76	119	9257	1.007	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	9628	0.894	ug/l	98
85) sec-Butylbenzene	11.93	105	11011	0.961	ug/l	99
86) p-Isopropyltoluene	12.05	119	10394	0.966	ug/l	88
87) 1,3-Dichlorobenzene	12.01	146	5960	1.023	ug/l	94
88) 1,4-Dichlorobenzene	12.08	146	6659m	1.118	ug/l	
89) n-Butylbenzene	12.37	91	9158	1.026	ug/l	99
90) Hexachloroethane	12.58	117	2044	1.096	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	6439	1.139	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1052	1.021	ug/l	92
93) 1,2,4-Trichlorobenzene	13.63	180	4766	1.264	ug/l	96
94) Hexachlorobutadiene	13.76	225	2701	1.762	ug/l	99
95) Naphthalene	13.82	128	12515	0.976	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	4545	1.220	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061520\
Data File : VX016746.D
Acq On : 15 Jun 2020 11:10
Operator : JC/SP
Sample : VSTDICC001
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

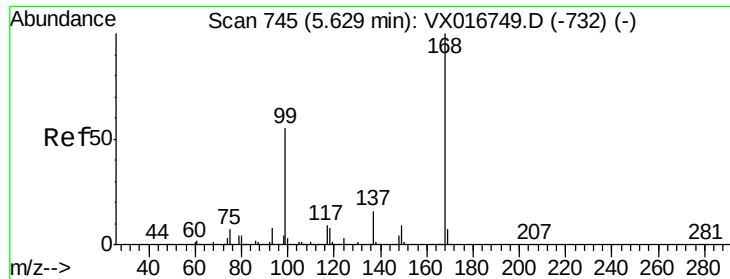
Manual Integrations
APPROVED

MMDadoda
6/16/2020 3:23:05 PM

Quant Time: Jun 16 01:57:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 15 12:43:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 293799

Ion Ratio Lower Upper

168 100

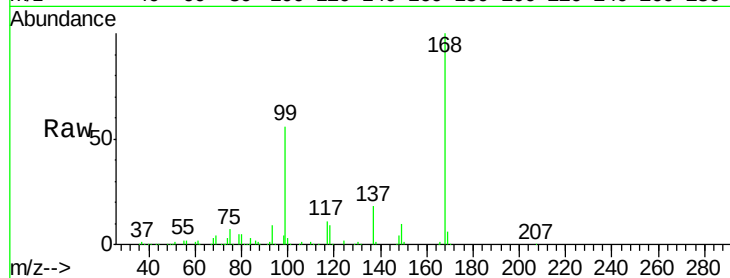
99 56.2 43.8 65.6

Manual Integrations

APPROVED

MMDadoda

6/16/2020 3:23:05 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

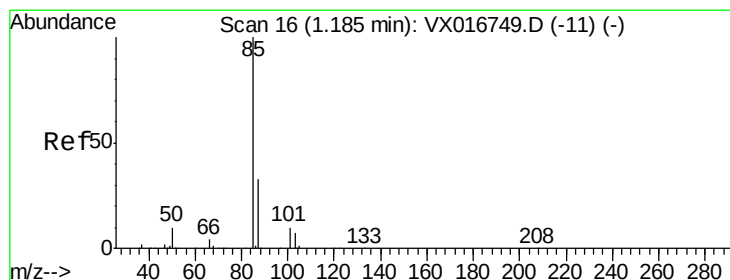
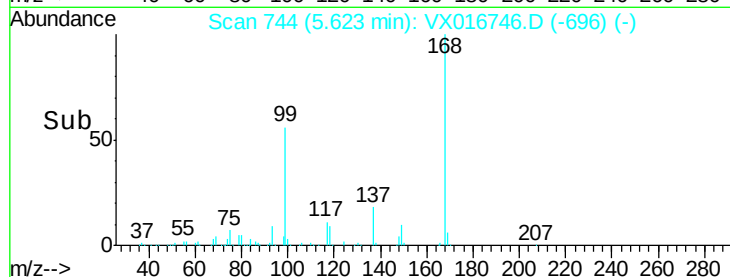
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 0.919 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016746.D

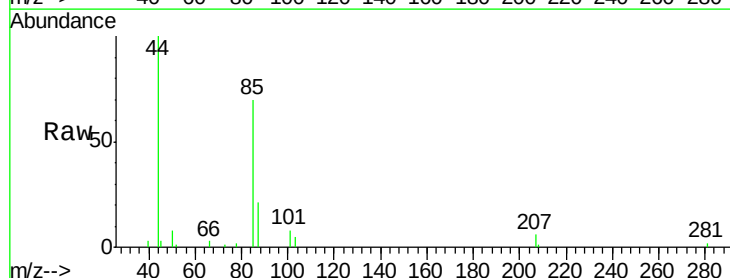
Acq: 15 Jun 2020 11:10

Tgt Ion: 85 Resp: 2702

Ion Ratio Lower Upper

85 100

87 29.4 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

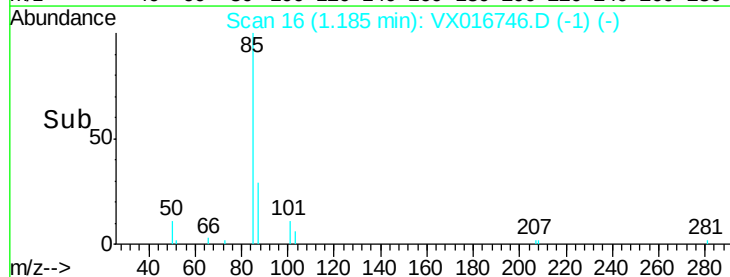
3000

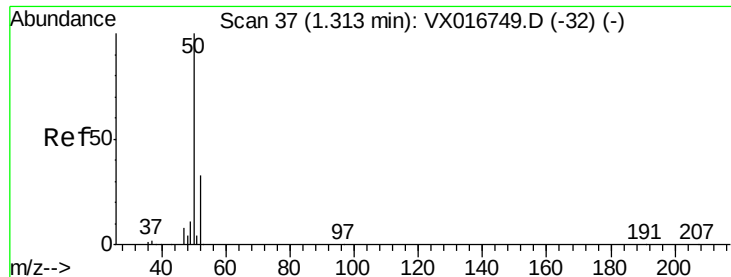
2000

1000

0

Time-->





#3

Chloromethane

Concen: 0.987 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 3387

Ion Ratio Lower Upper

50 100

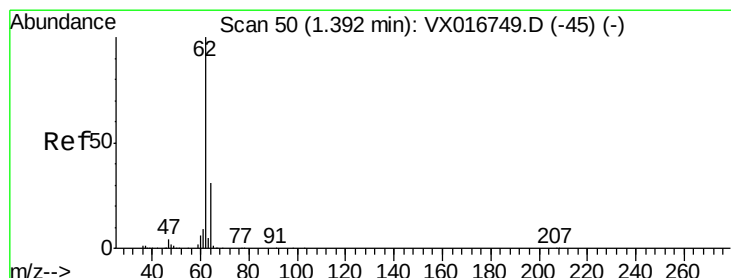
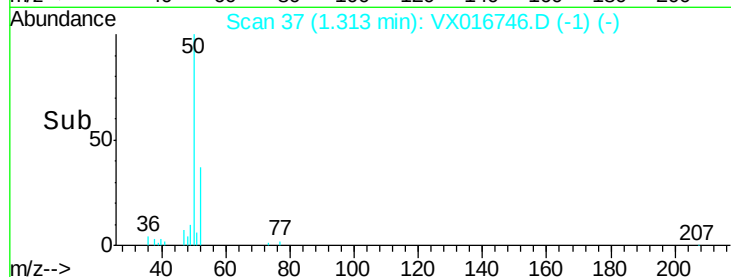
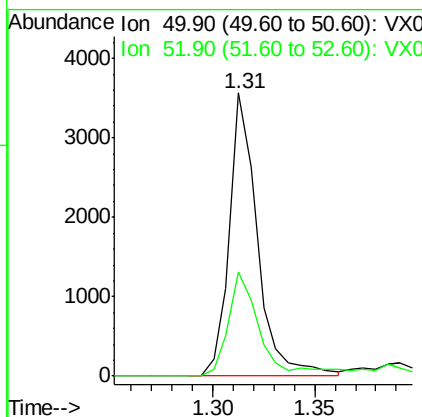
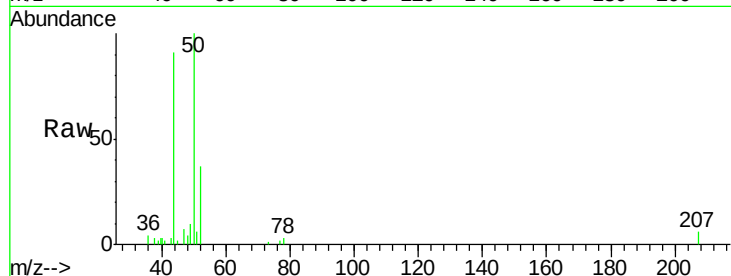
52 37.0 26.5 39.7

Manual Integrations

APPROVED

MMDadoda

6/16/2020 3:23:05 PM



#4

Vinyl Chloride

Concen: 0.950 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016746.D

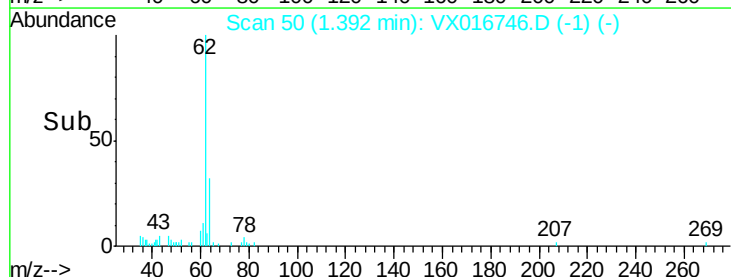
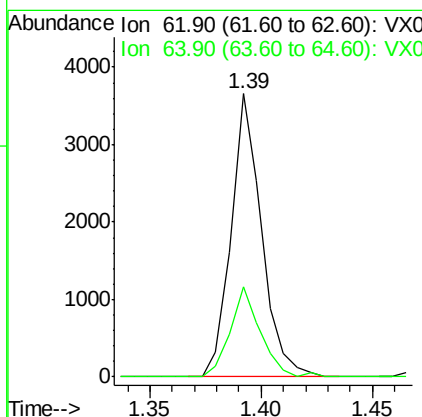
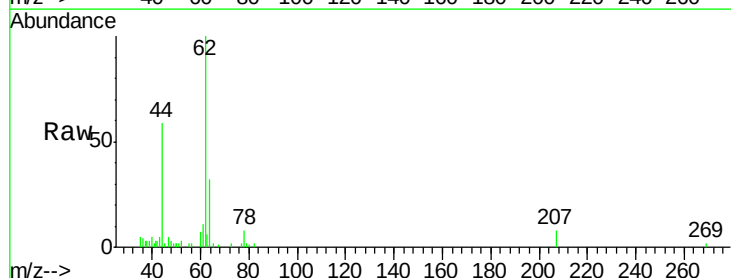
Acq: 15 Jun 2020 11:10

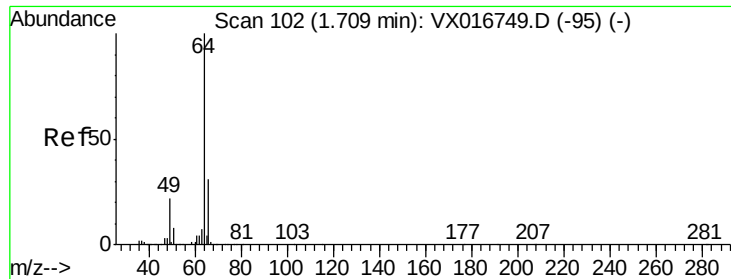
Tgt Ion: 62 Resp: 3465

Ion Ratio Lower Upper

62 100

64 31.8 25.1 37.7





#6

Chloroethane

Concen: 0.991 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 2115

Ion Ratio Lower Upper

64 100

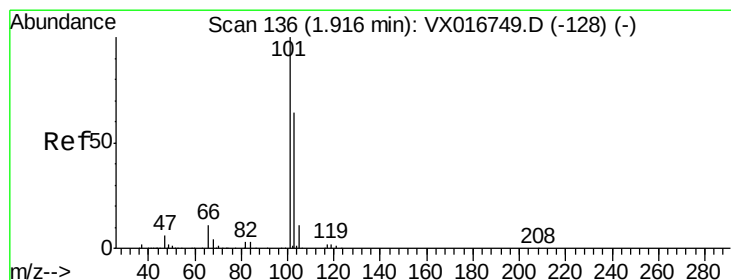
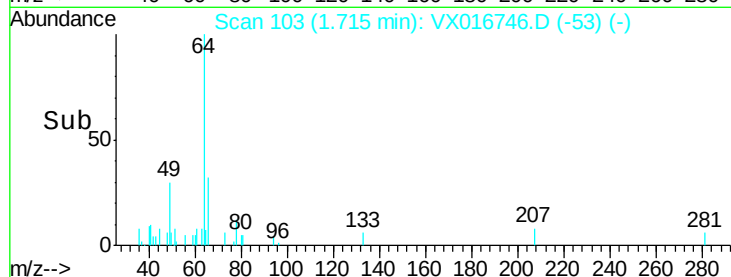
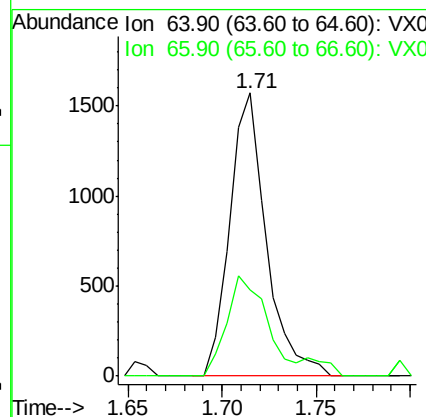
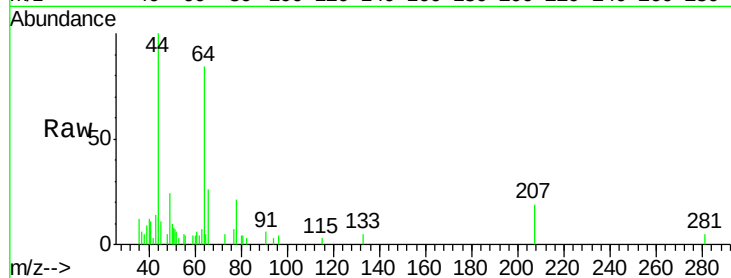
66 30.3 25.0 37.6

Manual Integrations

APPROVED

MMDadoda

6/16/2020 3:23:05 PM



#7

Trichlorofluoromethane

Concen: 1.129 ug/l

RT: 1.92 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX016746.D

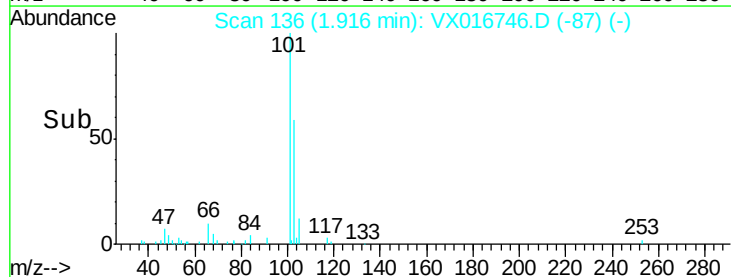
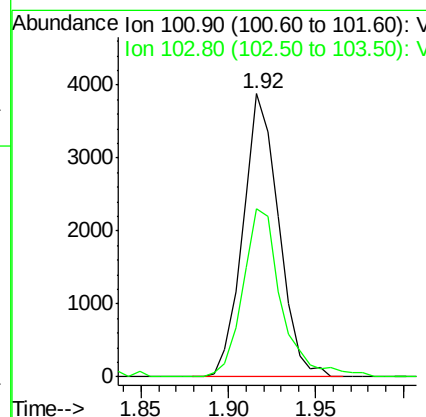
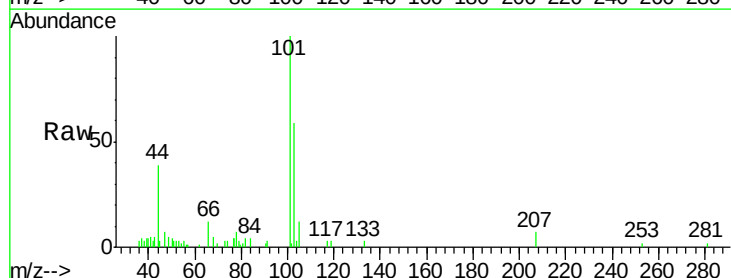
Acq: 15 Jun 2020 11:10

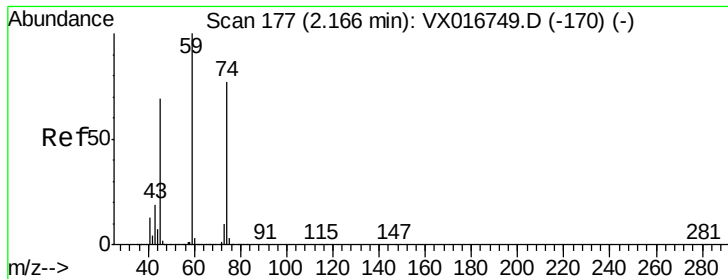
Tgt Ion: 101 Resp: 5505

Ion Ratio Lower Upper

101 100

103 59.2 51.3 76.9





#8

Diethyl Ether

Concen: 1.019 ug/l

RT: 2.17 min Scan# 177

Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 2035

Ion Ratio Lower Upper

74 100

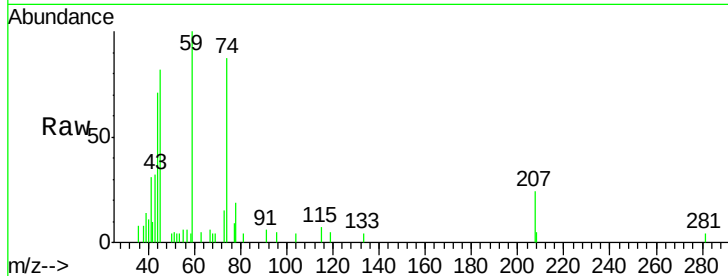
45 89.6 43.5 130.7

Manual Integrations

APPROVED

MMDadoda

6/16/2020 3:23:05 PM



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.17

1500

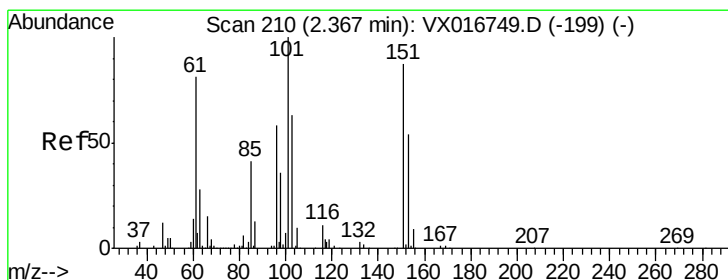
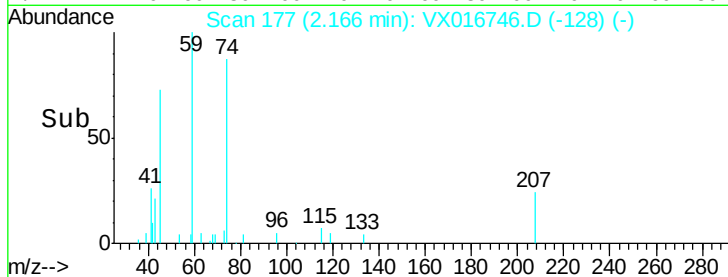
1000

500

0

2.10 2.15 2.20

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.046 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

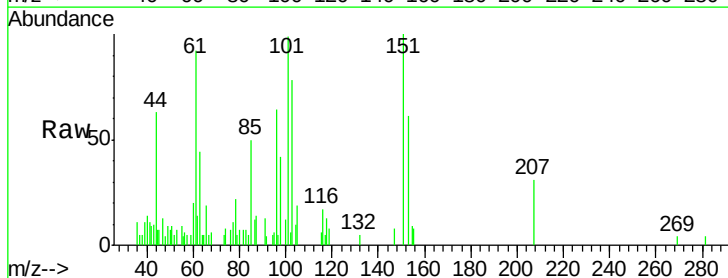
Tgt Ion: 101 Resp: 2767

Ion Ratio Lower Upper

101 100

85 49.9 34.0 51.0

151 89.7 68.7 103.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2000

1500

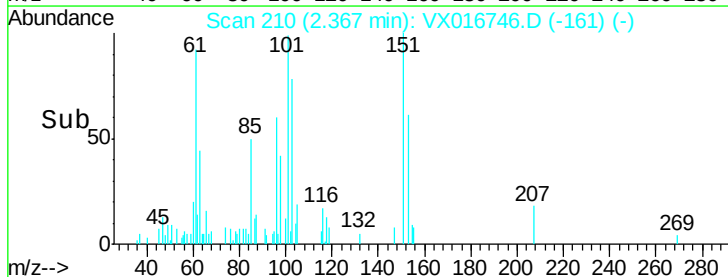
1000

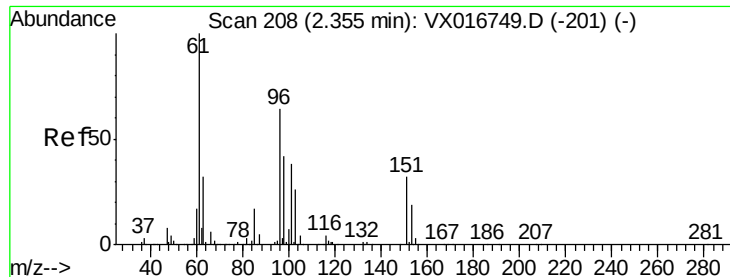
500

0

2.30 2.35 2.40

Time-->





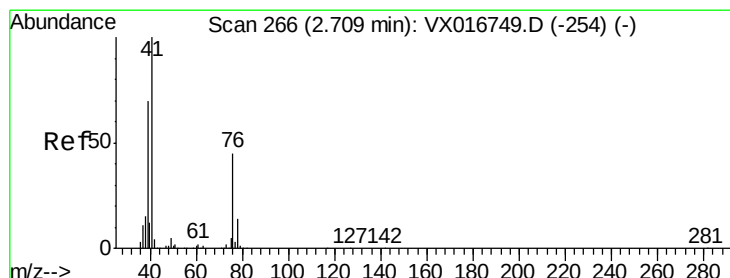
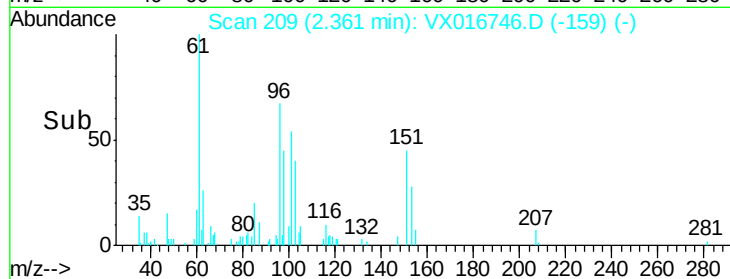
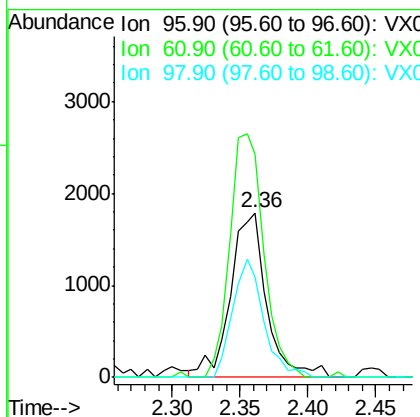
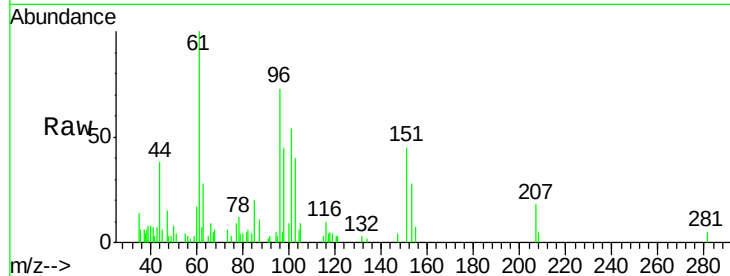
#12
 1,1-Dichloroethene
 Concen: 1.178 ug/l
 RT: 2.36 min Scan# 209
 Delta R.T. 0.01 min
 Lab File: VX016746.D
 Acq: 15 Jun 2020 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.1	124.1	186.1
98	60.8	52.7	79.1

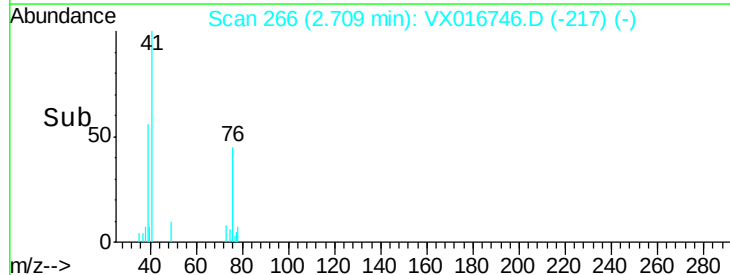
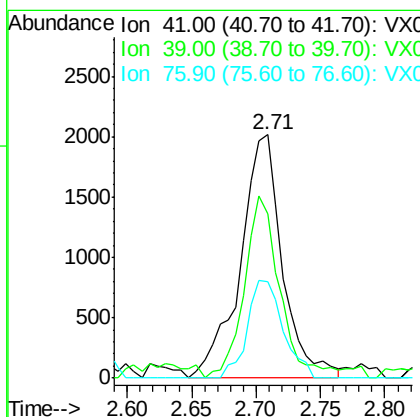
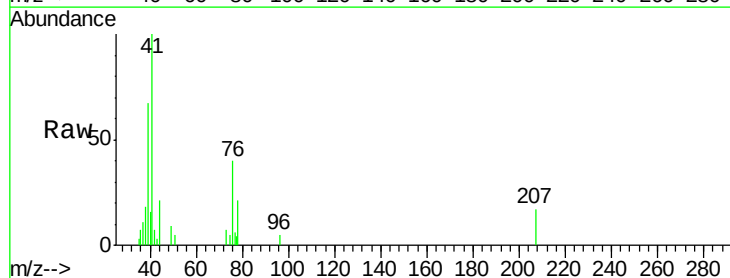
Manual Integrations
 APPROVED

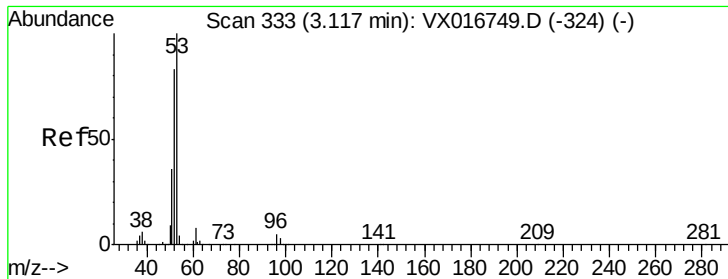
MMDadoda
 6/16/2020 3:23:05 PM



#14
 Allyl chloride
 Concen: 0.910 ug/l
 RT: 2.71 min Scan# 266
 Delta R.T. -0.00 min
 Lab File: VX016746.D
 Acq: 15 Jun 2020 11:10

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.8	50.2	75.4
76	34.0	30.4	45.6





#15

Acrylonitrile

Concen: 4.386 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

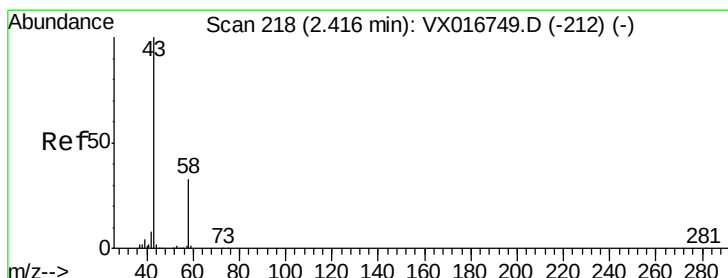
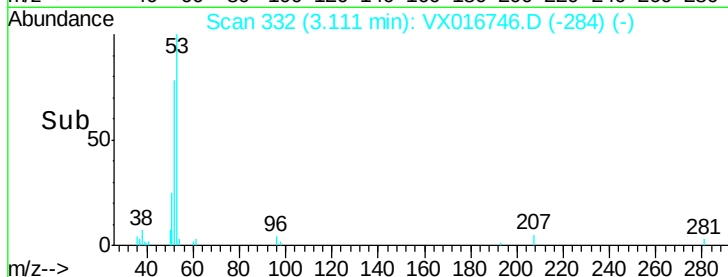
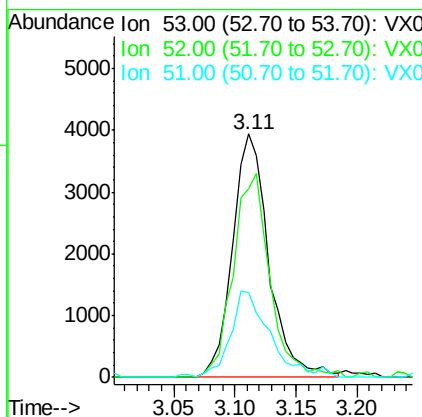
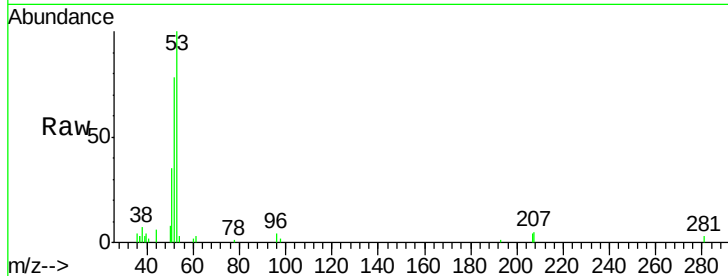
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	8113
Ion	Ratio	Lower	Upper
53	100		
52	84.6	65.5	98.3
51	38.1	28.6	42.8

Manual Integrations
APPROVED

MMDadoda
6/16/2020 3:23:05 PM



#16

Acetone

Concen: 5.495 ug/l

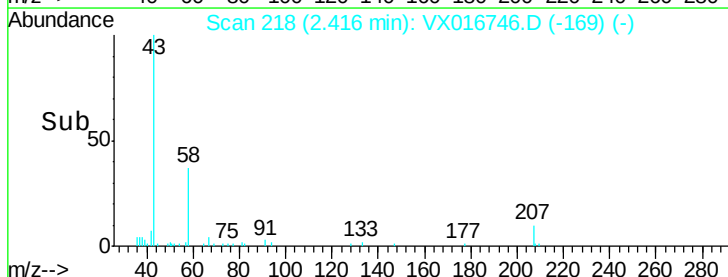
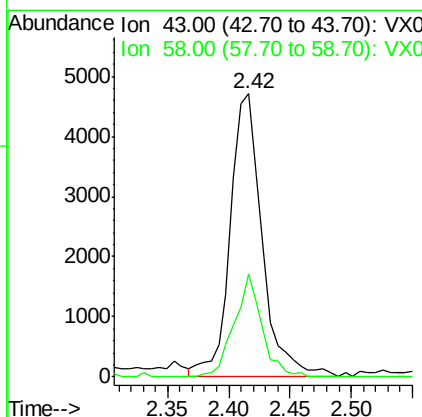
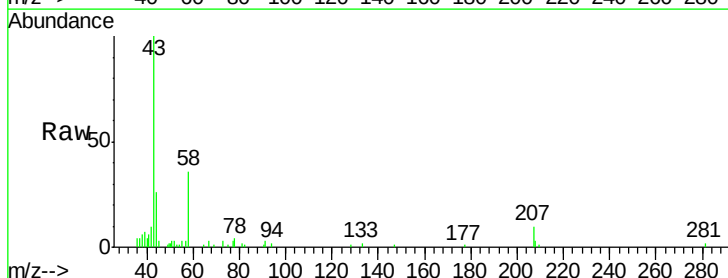
RT: 2.42 min Scan# 218

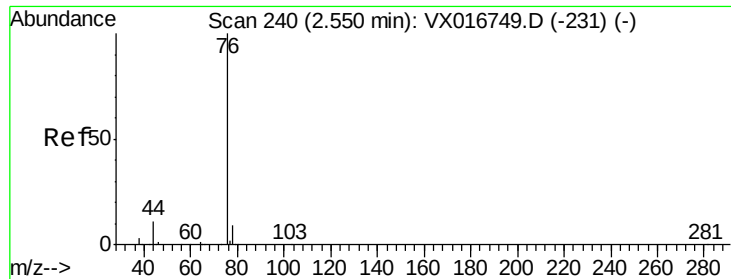
Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Tgt Ion:	43	Resp:	8499
Ion	Ratio	Lower	Upper
43	100		
58	36.2	26.3	39.5





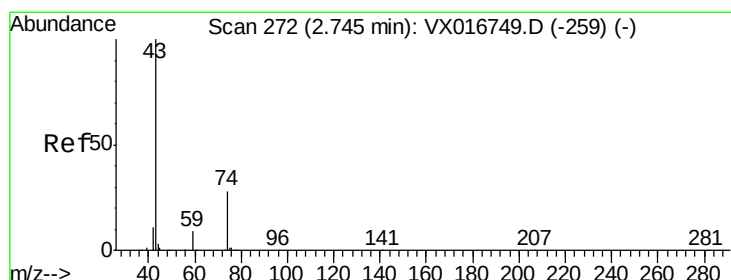
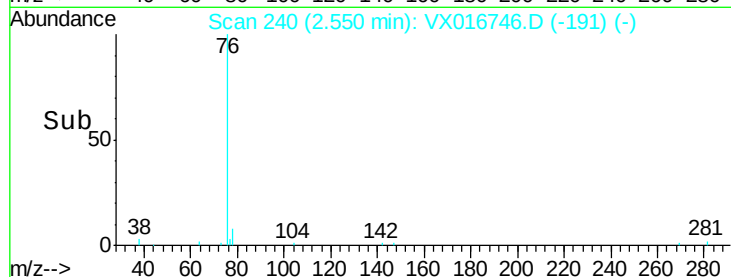
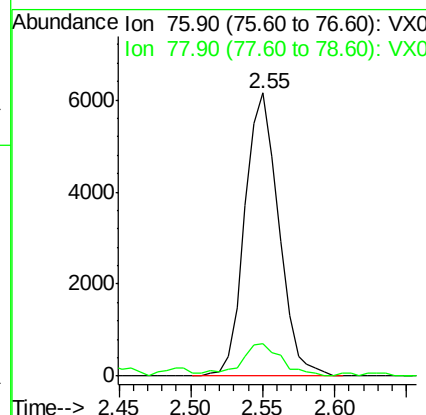
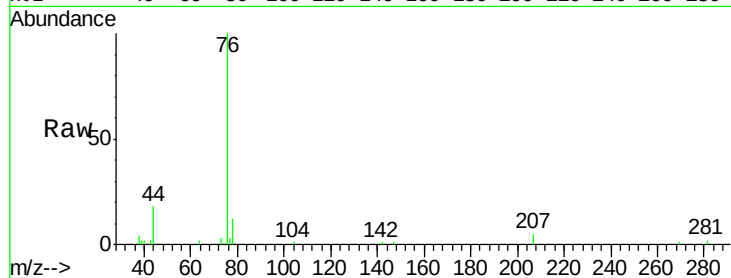
#17
Carbon Disulfide
Concen: 1.211 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.4	7.3	10.9

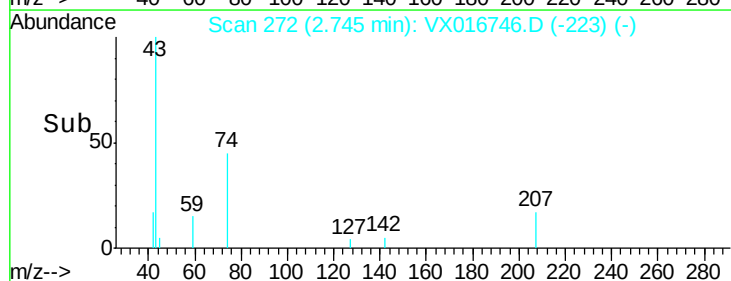
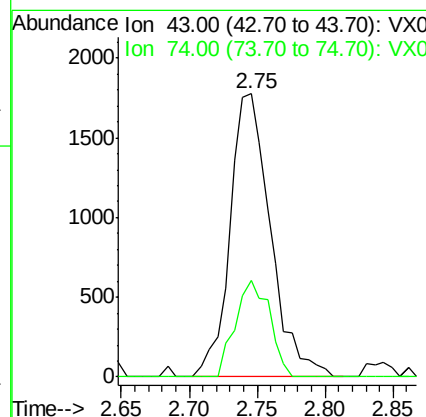
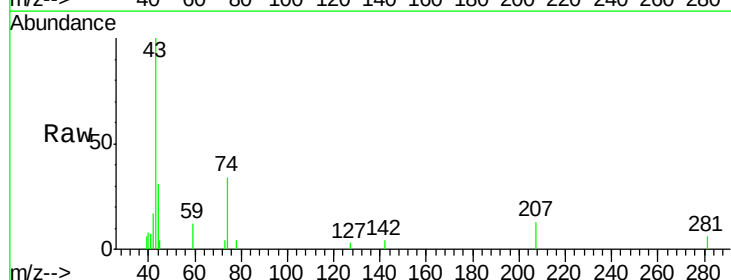
Manual Integrations
APPROVED

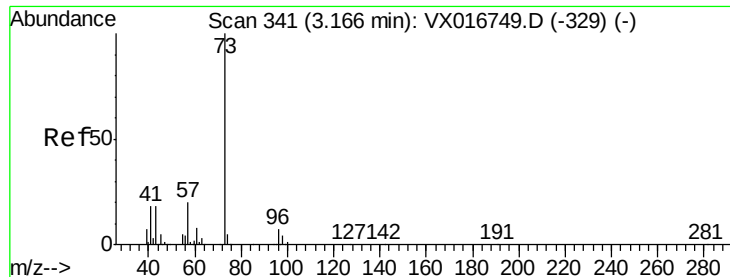
MMDadoda
6/16/2020 3:23:05 PM



#18
Methyl Acetate
Concen: 0.913 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.9	22.4	33.6





#19

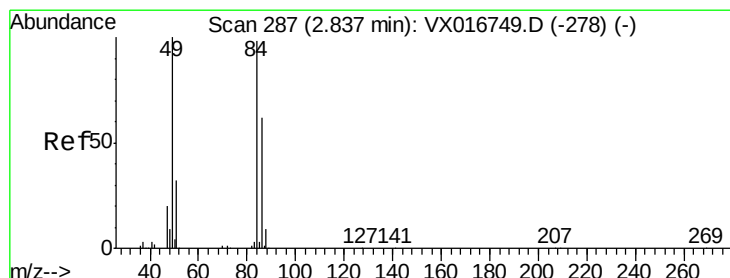
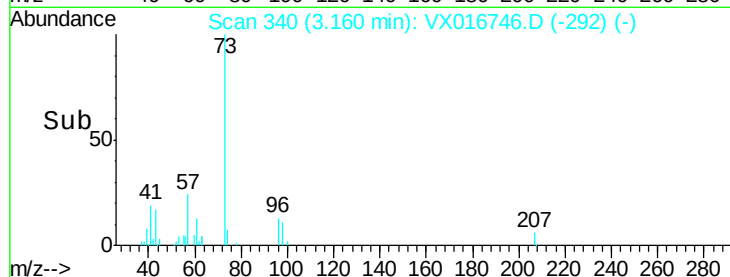
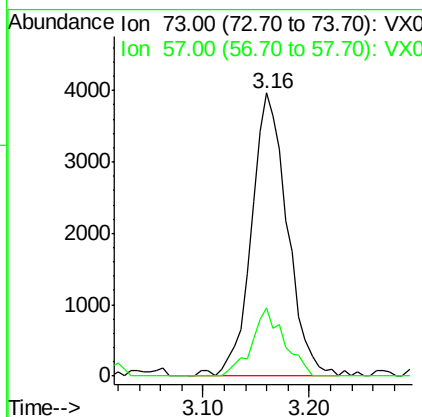
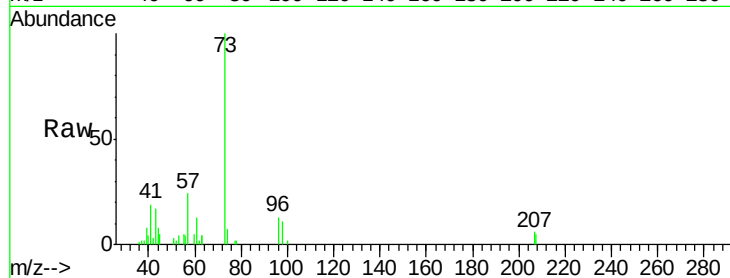
Methyl tert-butyl Ether
 Concen: 0.939 ug/l
 RT: 3.16 min Scan# 340
 Delta R.T. -0.01 min
 Lab File: VX016746.D
 Acq: 15 Jun 2020 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
73	73	100		
57	57	24.3	16.2	24.4

Manual Integrations
 APPROVED

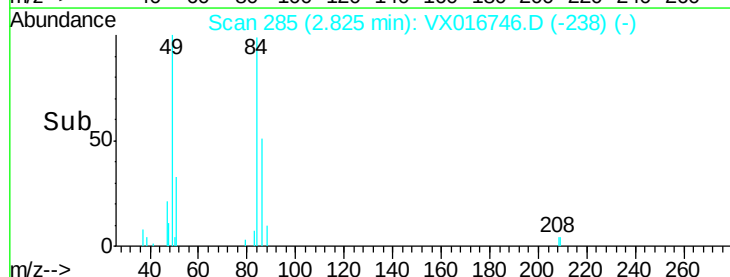
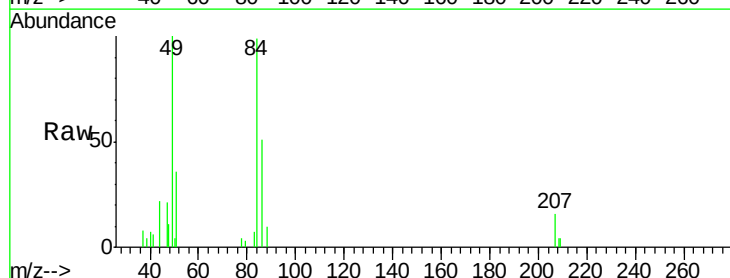
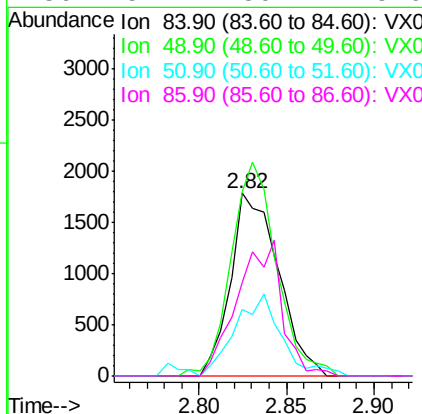
MMDadoda
 6/16/2020 3:23:05 PM

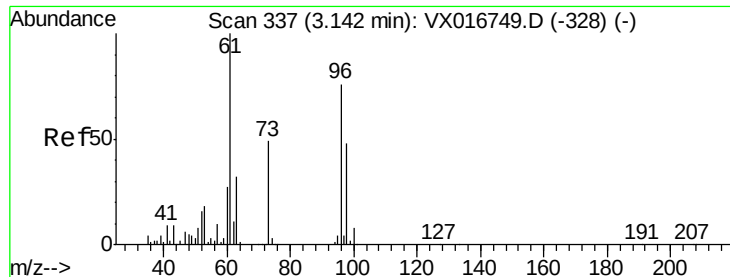


#20

Methylene Chloride
 Concen: 1.048 ug/l
 RT: 2.82 min Scan# 285
 Delta R.T. -0.01 min
 Lab File: VX016746.D
 Acq: 15 Jun 2020 11:10

Tgt Ion	Ion	Ratio	Lower	Upper
84	84	100		
49	49	100.6	81.8	122.8
51	51	33.4	25.8	38.8
86	86	51.2	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 1.084 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

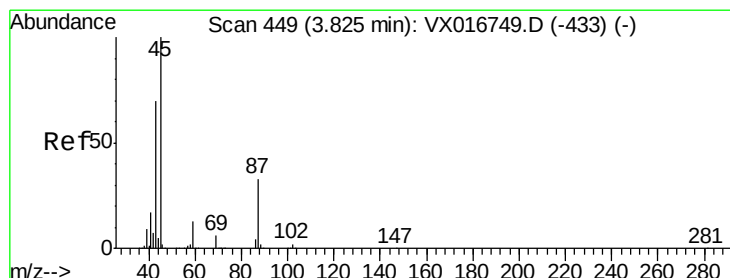
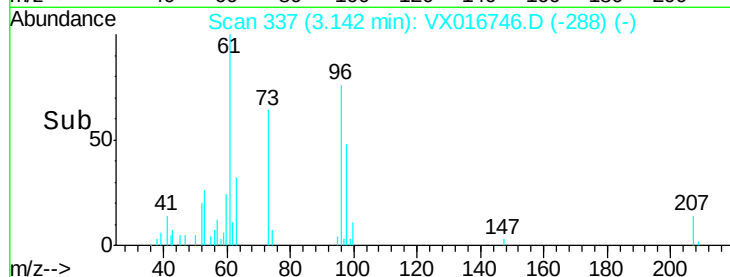
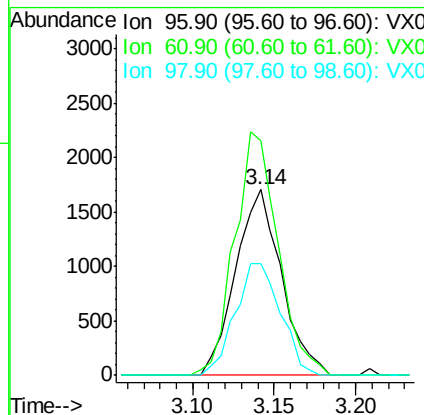
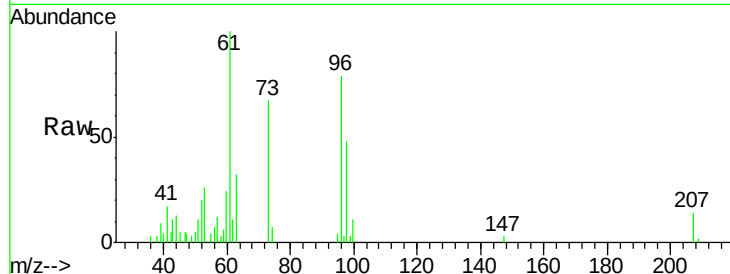
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	3347
Ion	Ratio	Lower	Upper
96	100		
61	126.7	105.4	158.2
98	60.5	50.8	76.2

Manual Integrations
APPROVED

MMDadoda
6/16/2020 3:23:05 PM



#22

Diisopropyl ether

Concen: 0.790 ug/l

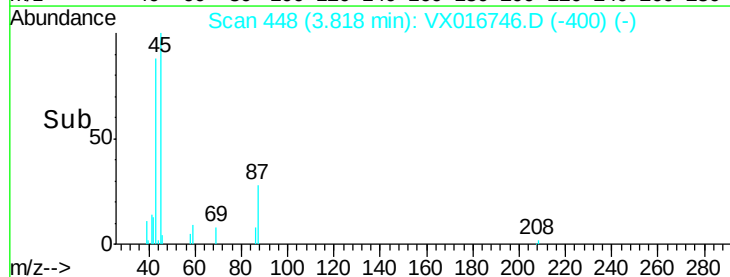
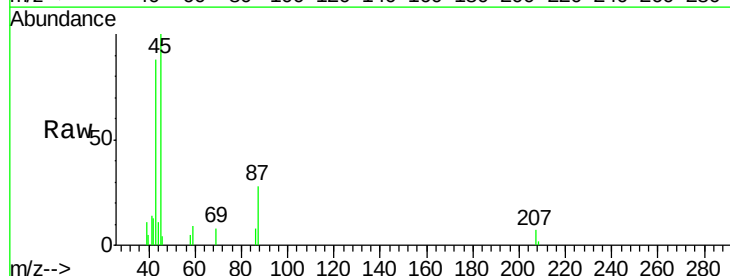
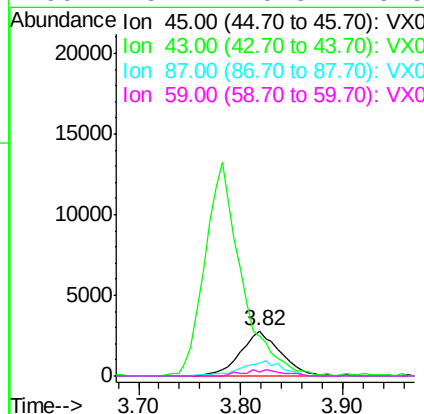
RT: 3.82 min Scan# 448

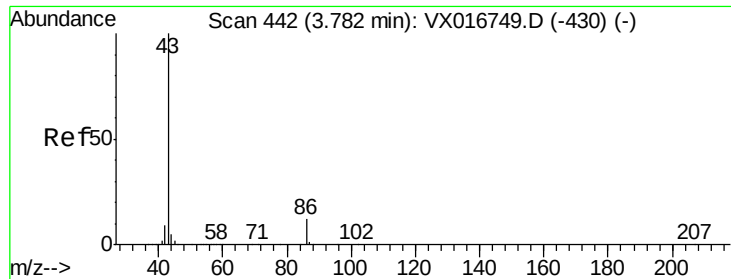
Delta R.T. -0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Tgt Ion:	45	Resp:	7581
Ion	Ratio	Lower	Upper
45	100		
43	83.5	56.2	84.4
87	27.9	26.2	39.4
59	8.7	10.3	15.5#





#23

Vinyl Acetate

Concen: 3.994 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 43 Resp: 33310

Ion Ratio Lower Upper

43 100

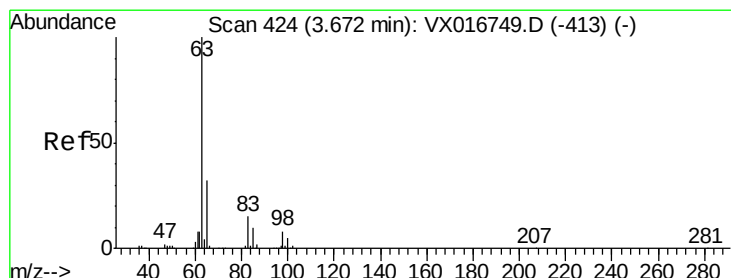
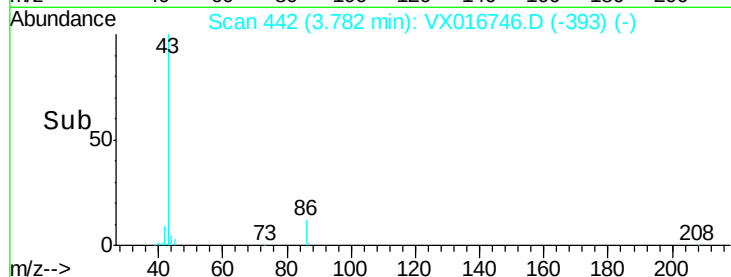
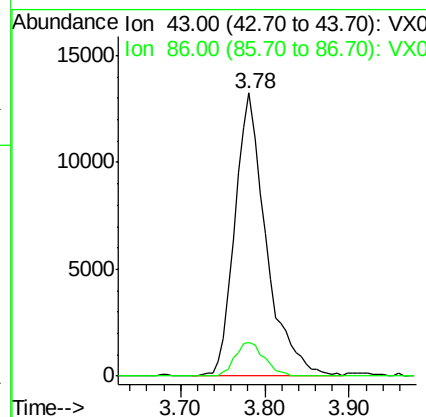
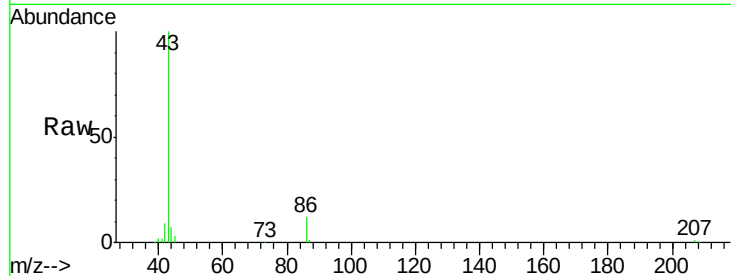
86 12.2 9.8 14.8

Manual Integrations

APPROVED

MMDadoda

6/16/2020 3:23:05 PM



#24

1,1-Dichloroethane

Concen: 0.977 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

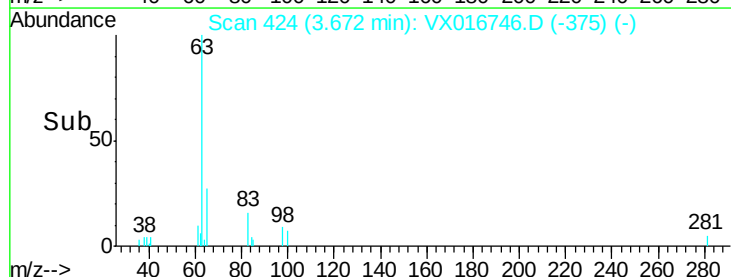
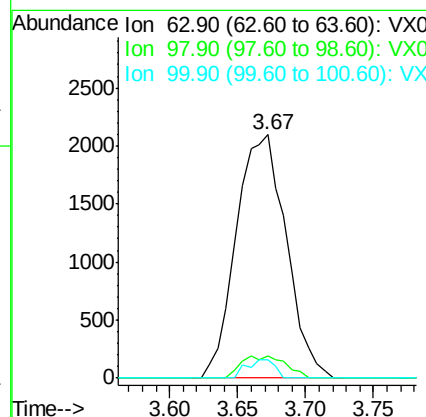
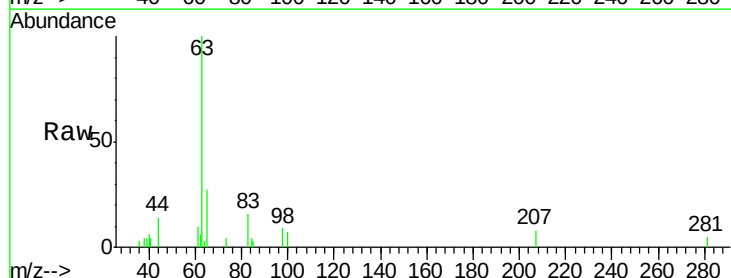
Tgt Ion: 63 Resp: 5377

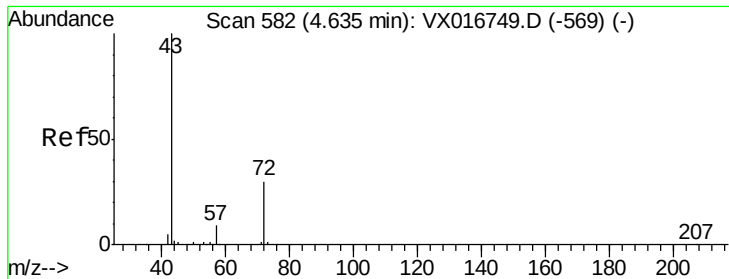
Ion Ratio Lower Upper

63 100

98 9.0 3.8 11.4

100 7.4 2.3 6.9#





#25

2-Butanone

Concen: 4.004 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 10374

Ion Ratio Lower Upper

43 100

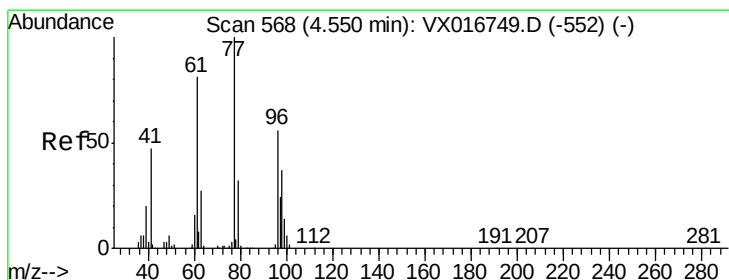
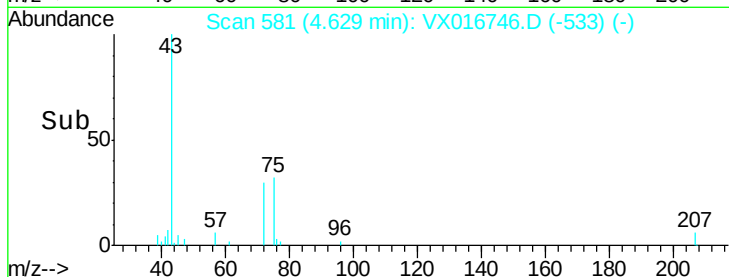
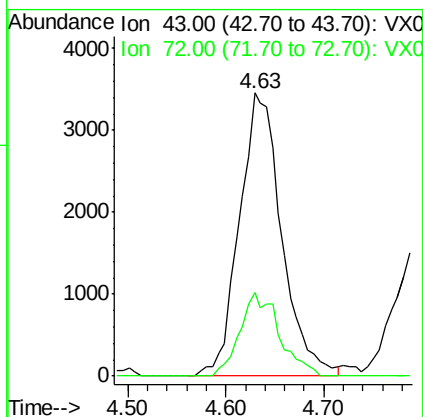
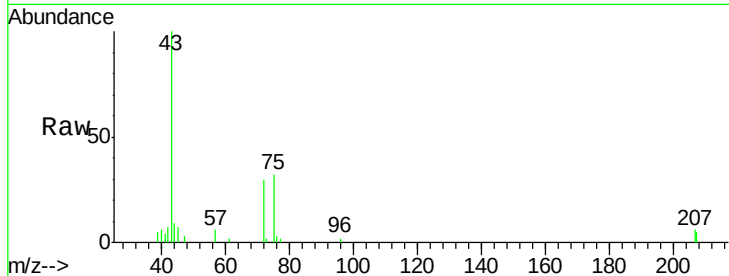
72 29.7 24.2 36.4

Manual Integrations

APPROVED

MMDadoda

6/16/2020 3:23:05 PM



#26

2,2-Dichloropropane

Concen: 1.090 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016746.D

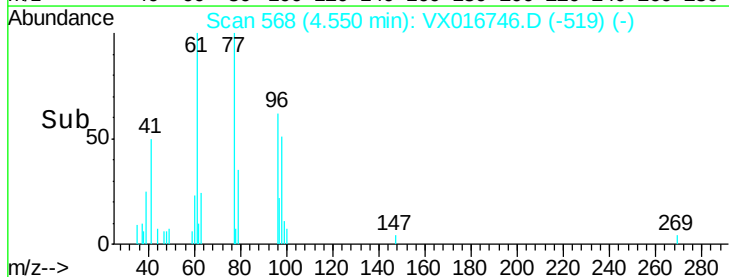
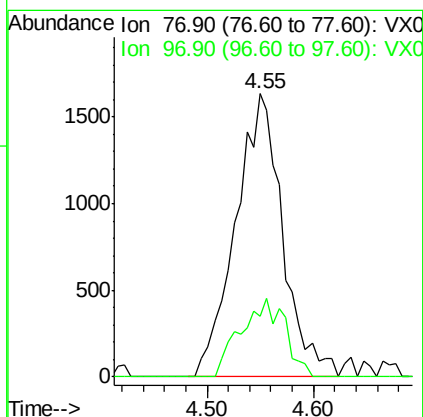
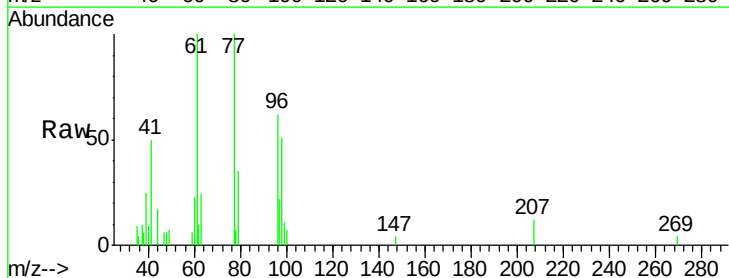
Acq: 15 Jun 2020 11:10

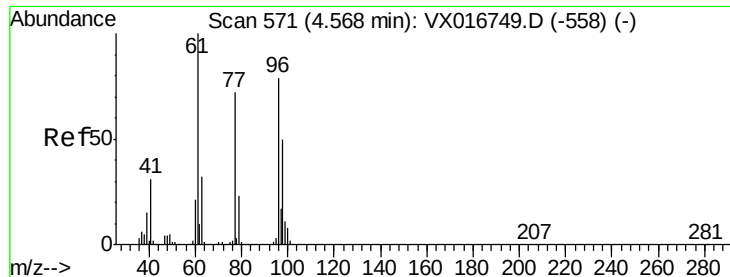
Tgt Ion: 77 Resp: 5057

Ion Ratio Lower Upper

77 100

97 26.0 11.5 34.4





#27

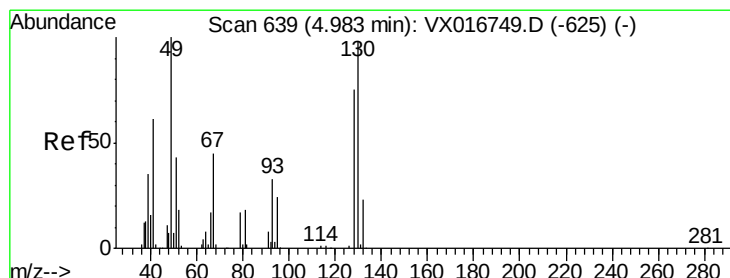
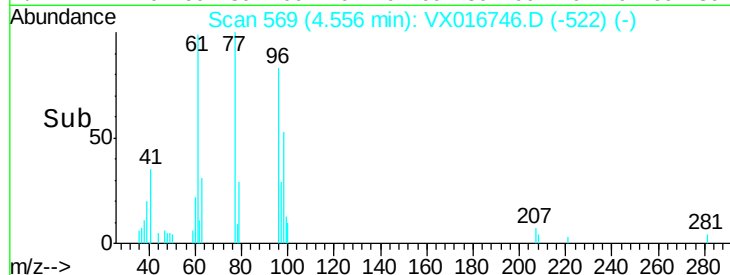
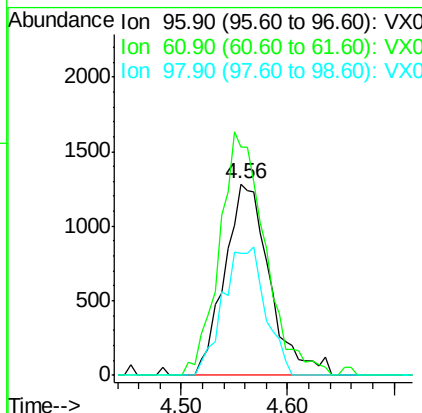
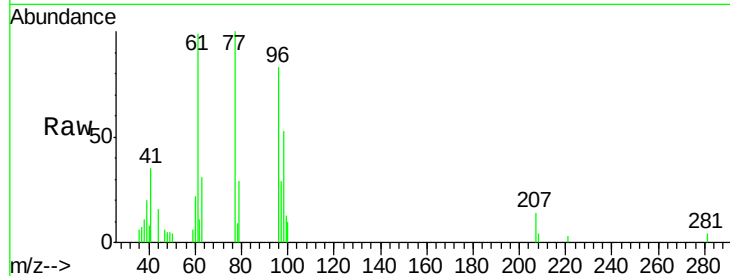
cis-1,2-Dichloroethene
Concen: 1.068 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.3	0.0	276.2
98	62.9	0.0	130.0

Manual Integrations
APPROVED

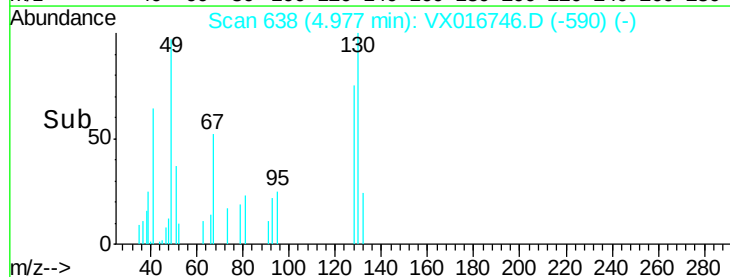
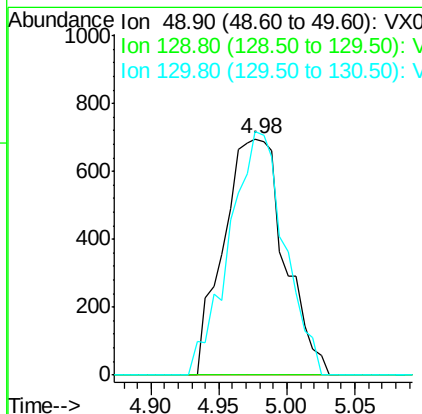
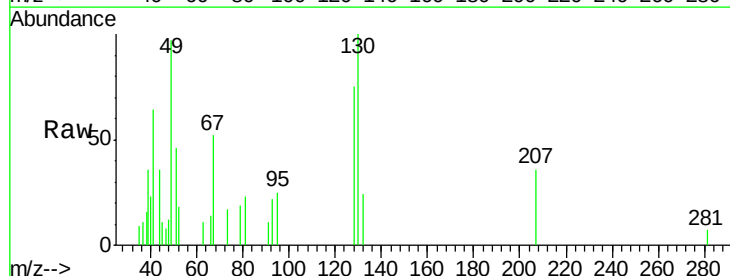
MMDadoda
6/16/2020 3:23:05 PM

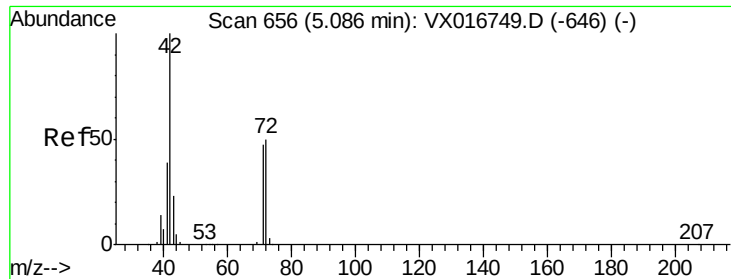


#28

Bromochloromethane
Concen: 0.857 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.8
130	93.4	76.0	114.0





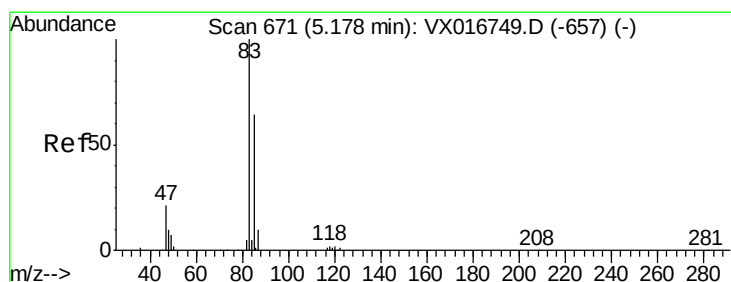
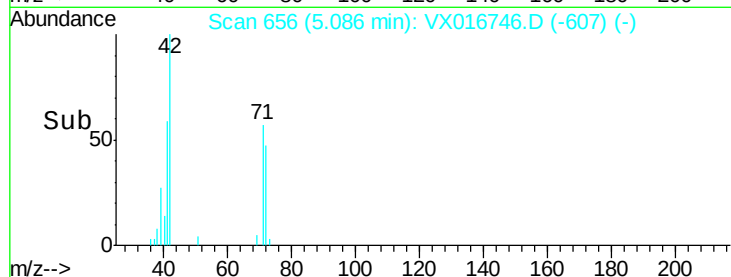
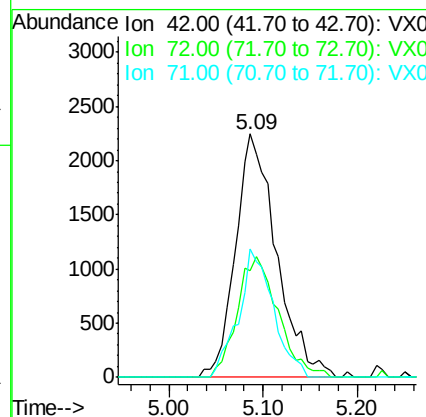
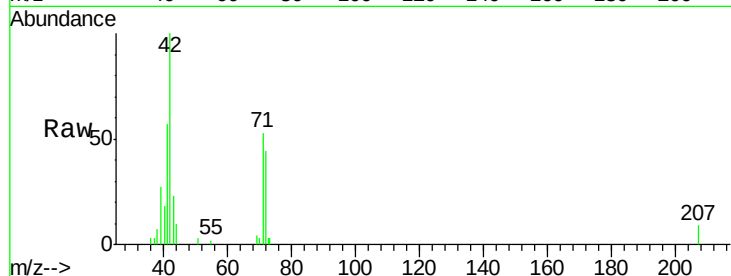
#29
Tetrahydrofuran
Concen: 4.074 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	42	Resp:	6808
Ion	Ratio	Lower	Upper
42	100		
72	49.6	41.0	61.6
71	44.8	38.2	57.4

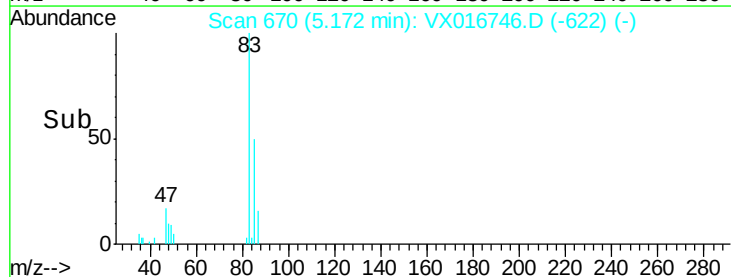
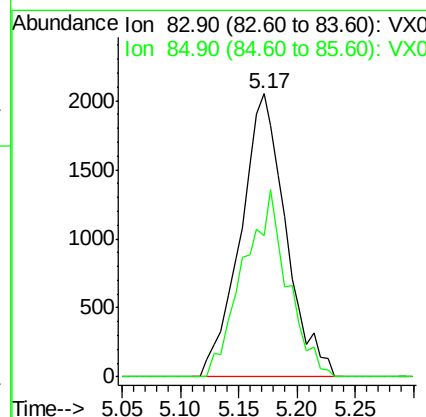
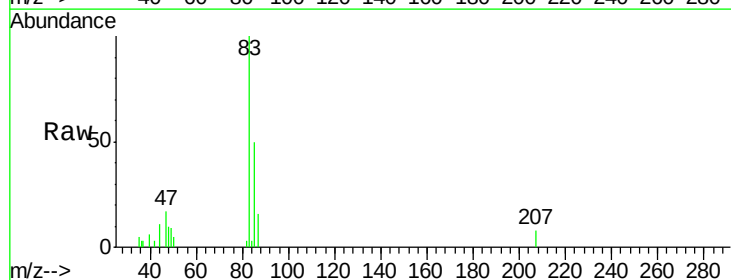
Manual Integrations
APPROVED

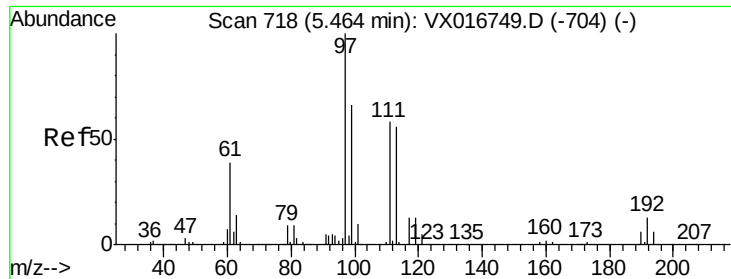
MMDadoda
6/16/2020 3:23:05 PM



#30
Chloroform
Concen: 0.994 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Tgt Ion:	83	Resp:	5556
Ion	Ratio	Lower	Upper
83	100		
85	50.1	50.8	76.2#





#32

1,1,1-Trichloroethane

Concen: 0.948 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

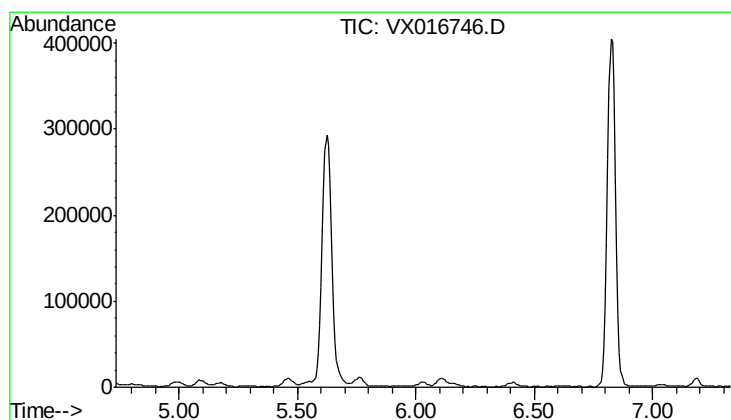
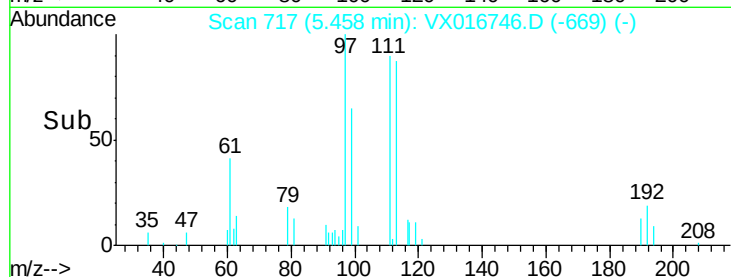
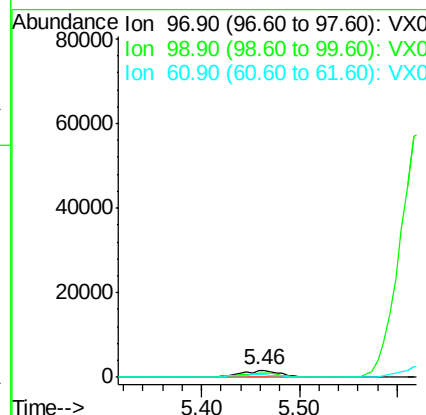
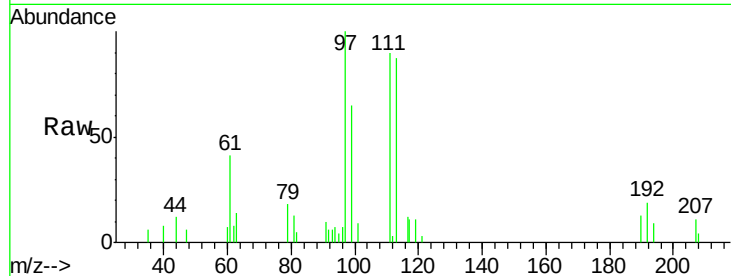
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	4830
Ion Ratio	Lower	Upper	
97	100		
99	0.0	51.5	77.3#
61	43.4	31.3	46.9

Manual Integrations
APPROVED

MMDadoda
6/16/2020 3:23:05 PM



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.03 min

Lab File: VX016746.D

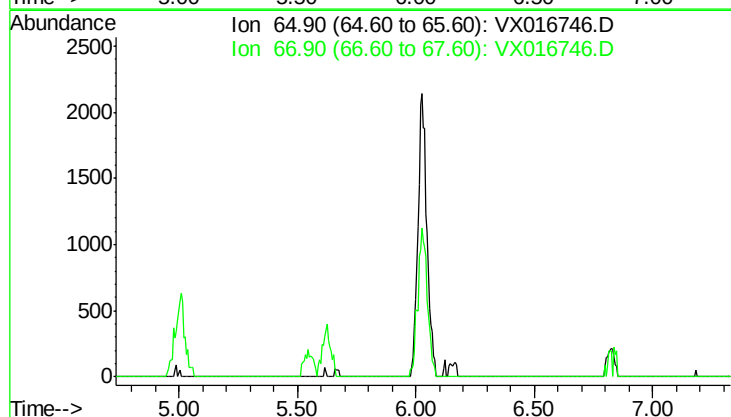
Acq: 15 Jun 2020 11:10

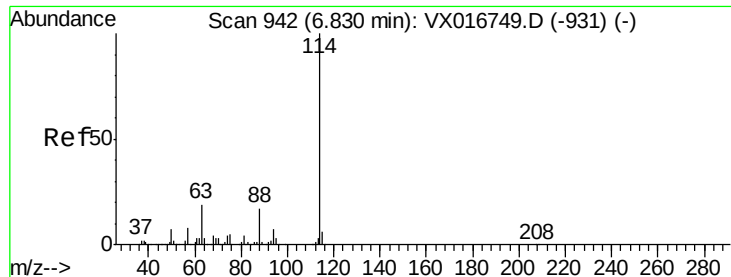
Tgt Ion: 65

Sig Exp Ratio

65 100

67 51.5





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

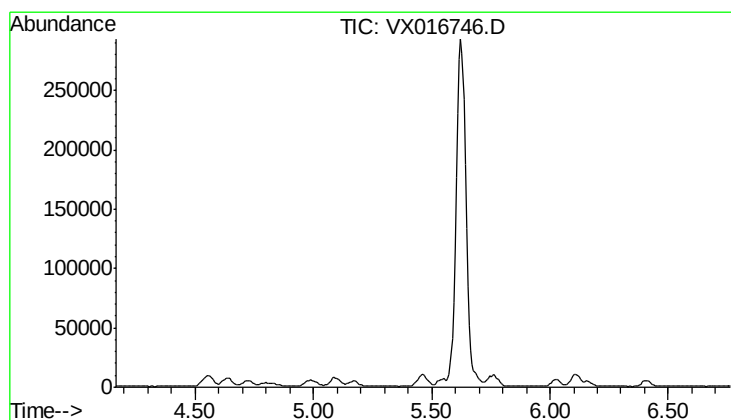
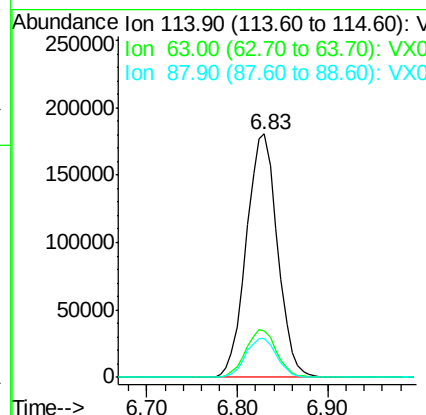
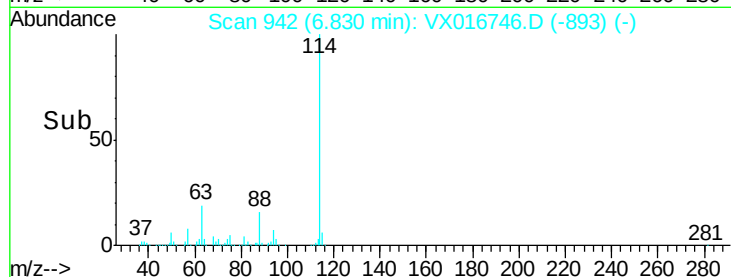
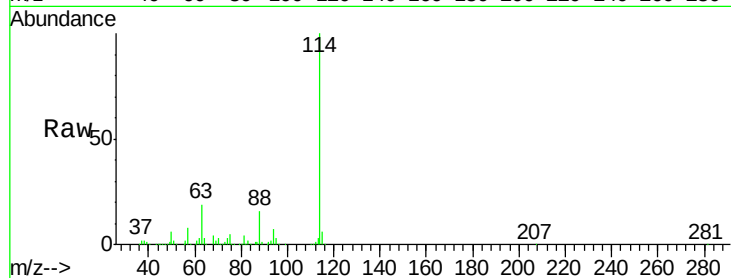
ClientSampleId :

VSTDIC001

Tot Ion	Ion	Ratio	Resp	Lower	Upper
429434	114	100			
	63	19.0	0.0	38.8	
	88	15.7	0.0	33.4	

Manual Integrations
APPROVED

MMDadoda
6/16/2020 3:23:05 PM



#35

Dibromofluoromethane

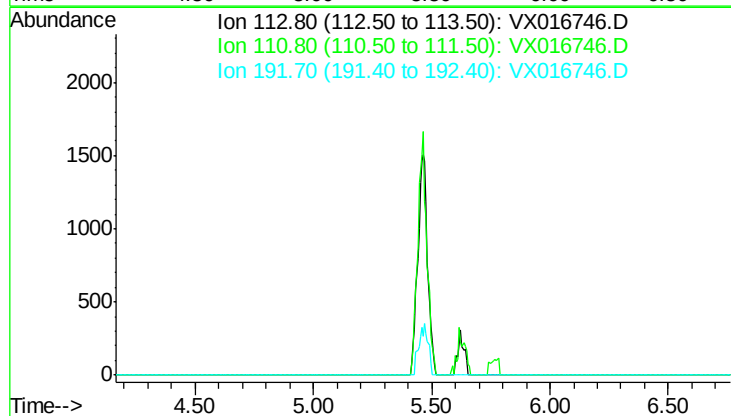
Concen: 0.000 ug/l

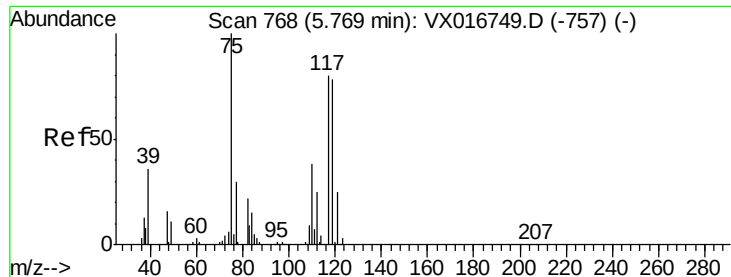
Expected RT: 5.46 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Tgt Ion	Exp Ratio
113	100
111	102.2
192	22.8





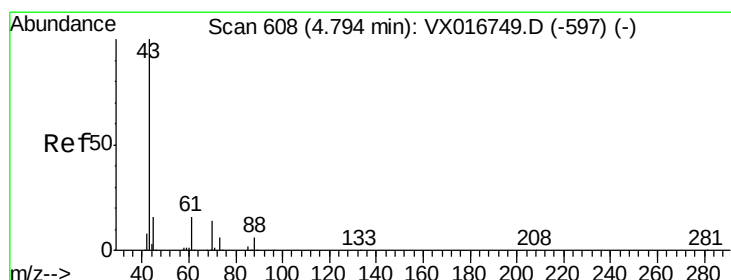
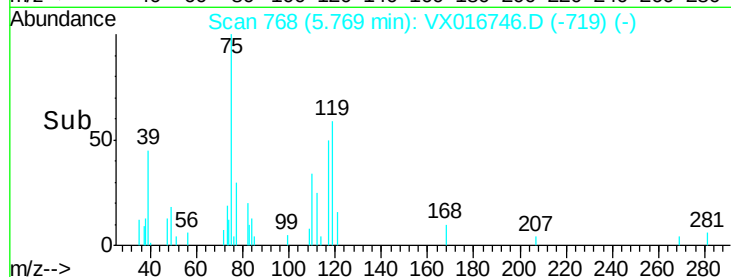
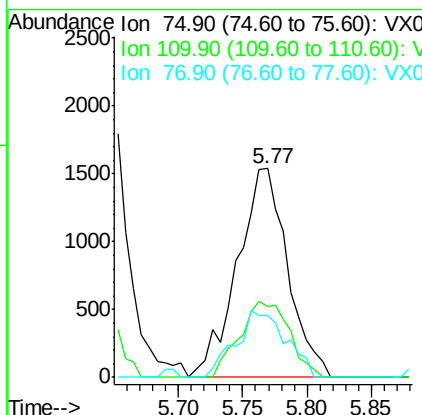
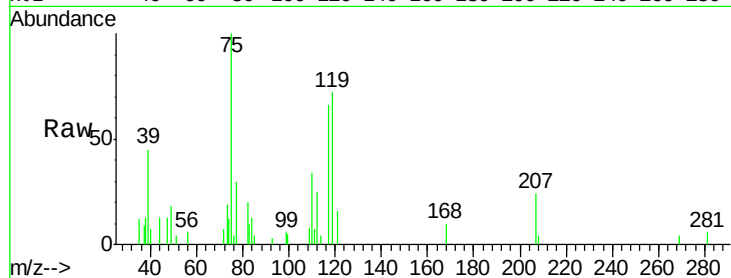
#36
 1,1-Dichloropropene
 Concen: 1.035 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016746.D
 Acq: 15 Jun 2020 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	35.9	18.4	55.2
77	31.8	24.7	37.1

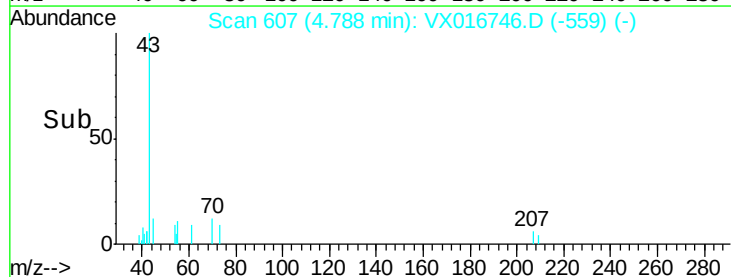
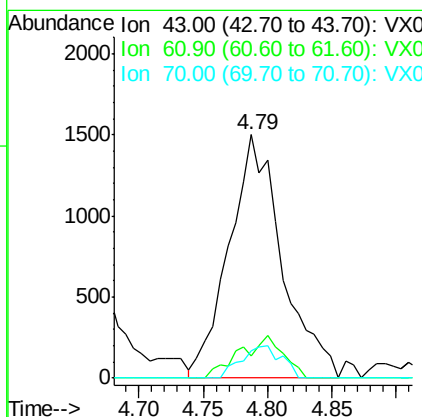
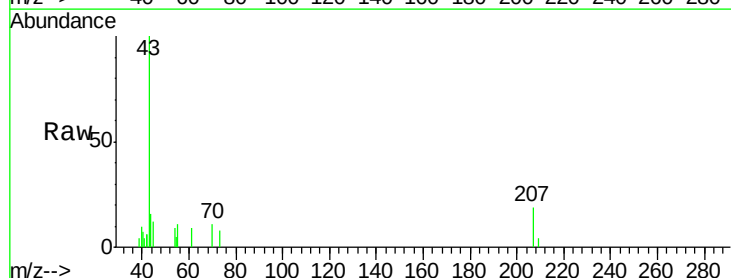
Manual Integrations
 APPROVED

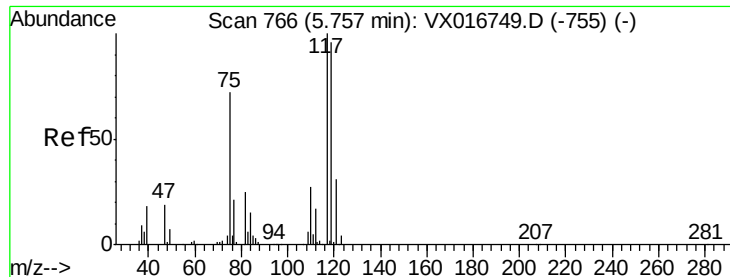
MMDadoda
 6/16/2020 3:23:05 PM



#37
 Ethyl Acetate
 Concen: 0.907 ug/l
 RT: 4.79 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: VX016746.D
 Acq: 15 Jun 2020 11:10

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.2	12.4	18.6
70	10.0	10.8	16.2





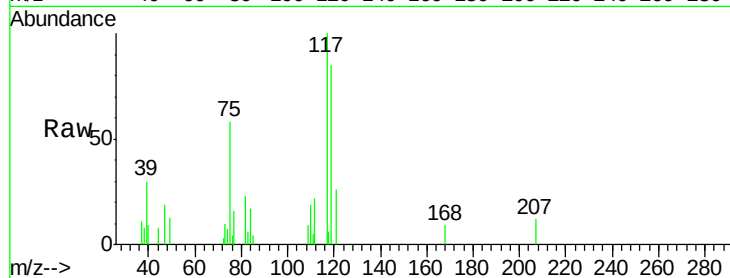
#38
Carbon Tetrachloride
Concen: 1.085 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	85.0	76.7	115.1
121	26.4	24.7	37.1

Manual Integrations
APPROVED

MMDadoda
6/16/2020 3:23:05 PM

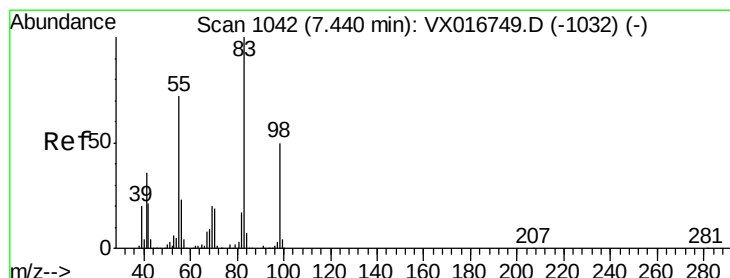
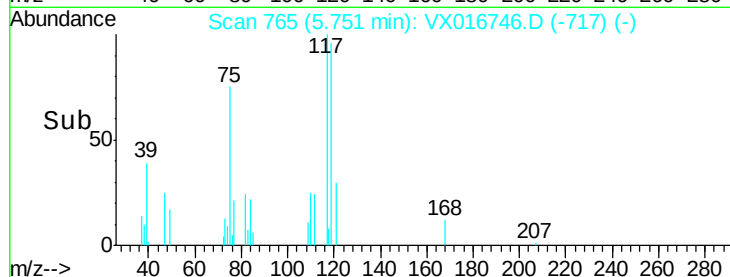
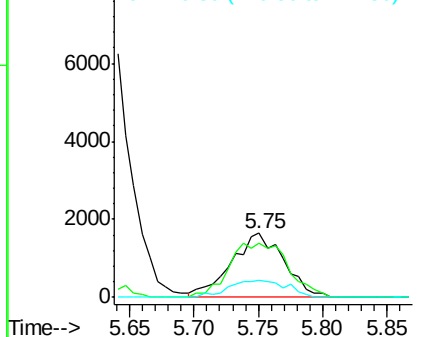


Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39
Methylcyclohexane
Concen: 1.004 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

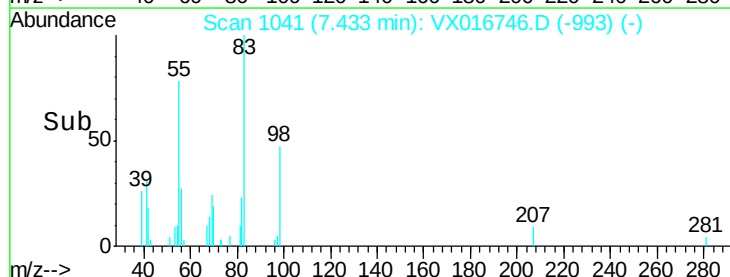
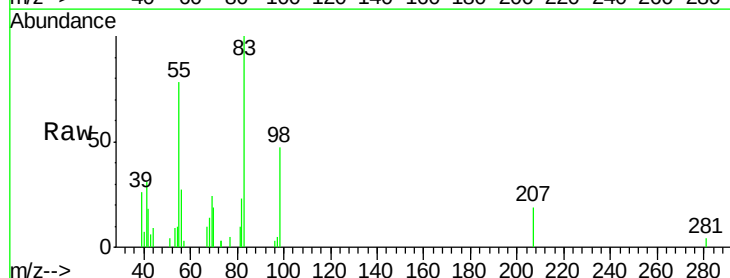
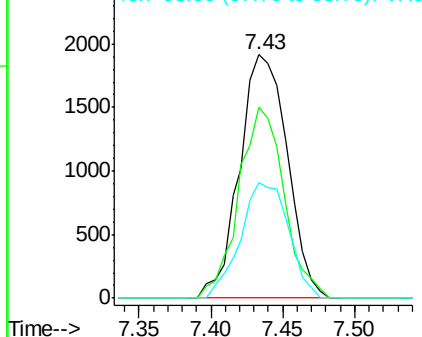
Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.5	57.3	85.9
98	47.3	40.3	60.5

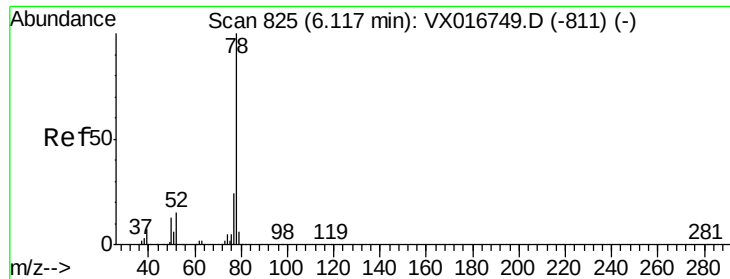
Abundance

Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





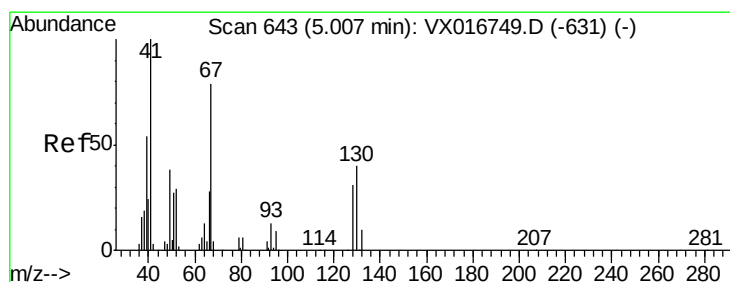
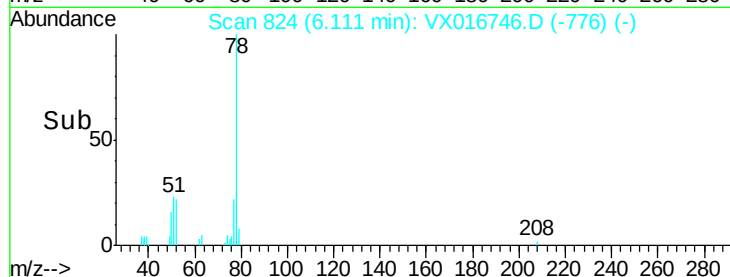
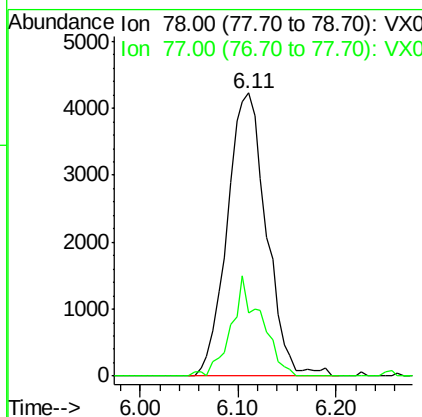
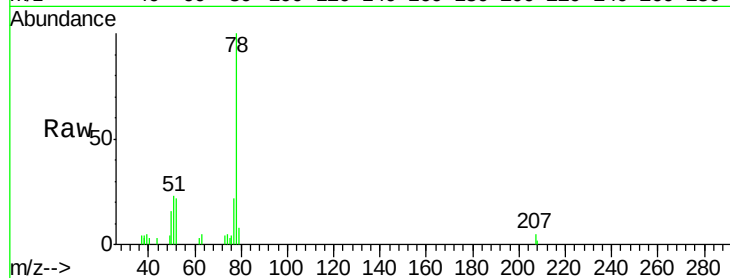
#40
Benzene
Concen: 0.981 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
78	100		
77	22.5	19.0	28.4

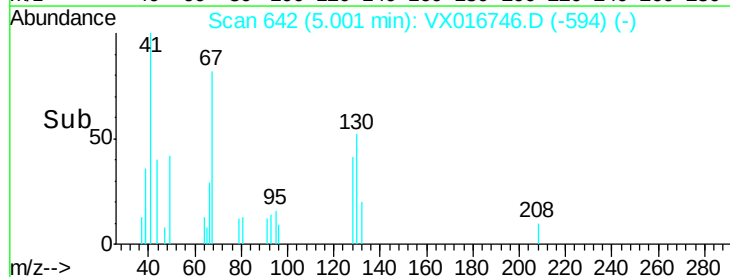
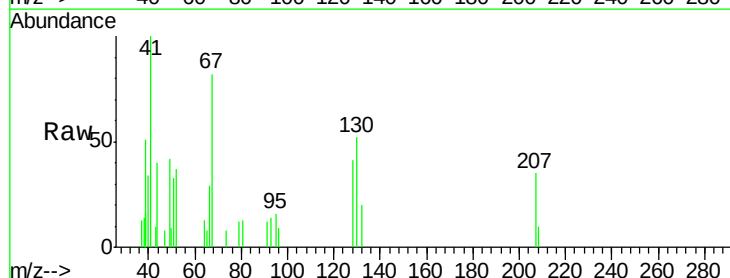
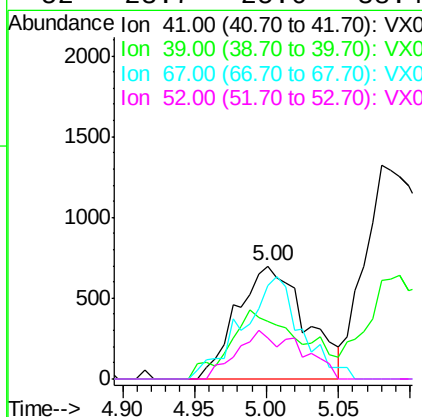
Manual Integrations
APPROVED

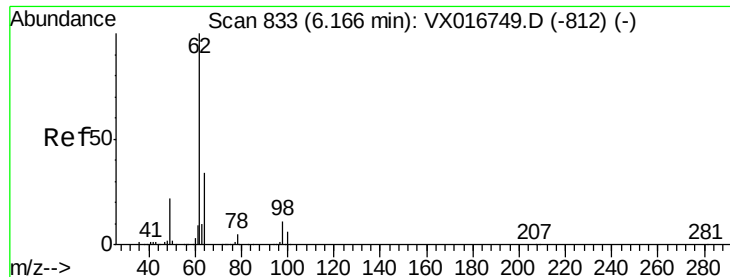
MMDadoda
6/16/2020 3:23:05 PM



#41
Methacrylonitrile
Concen: 0.892 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Tgt Ion	Ratio	Lower	Upper
41	100		
39	64.4	43.7	65.5
67	76.9	64.6	96.8
52	23.7	25.6	38.4





#42

1,2-Dichloroethane

Concen: 1.012 ug/l

RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

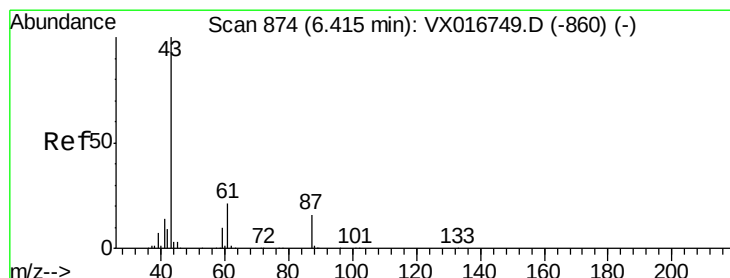
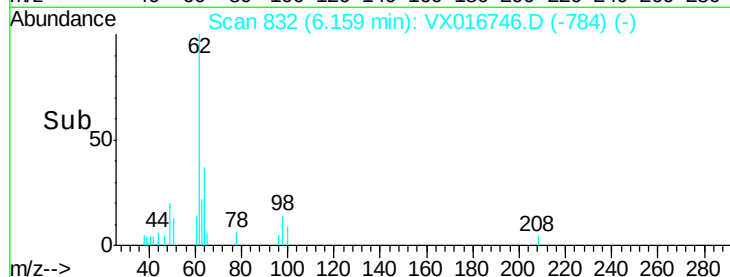
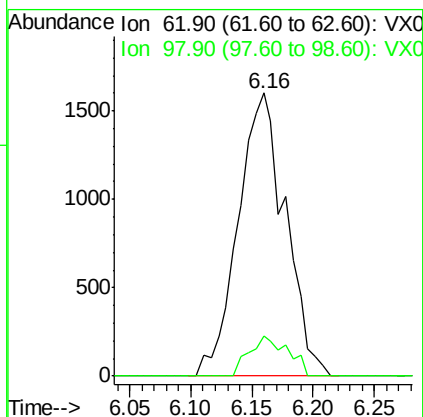
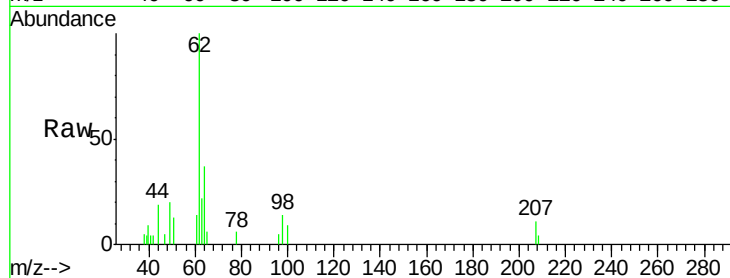
ClientSampleId :

VSTDIC001

Tot Ion:	62	Resp:	4307
Ion Ratio	Lower	Upper	
62	100		
98	11.6	0.0	20.2

Manual Integrations
APPROVED

MMDadoda
6/16/2020 3:23:05 PM



#43

Isopropyl Acetate

Concen: 0.864 ug/l

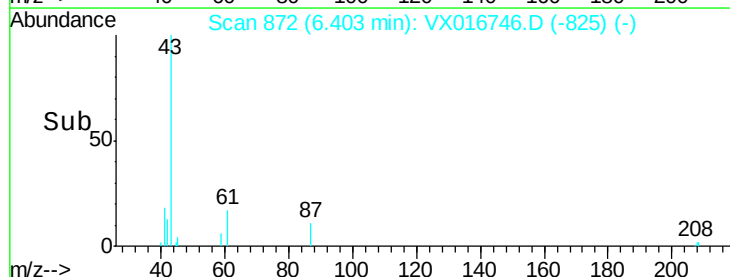
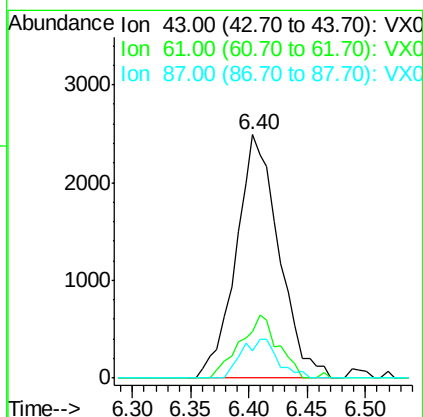
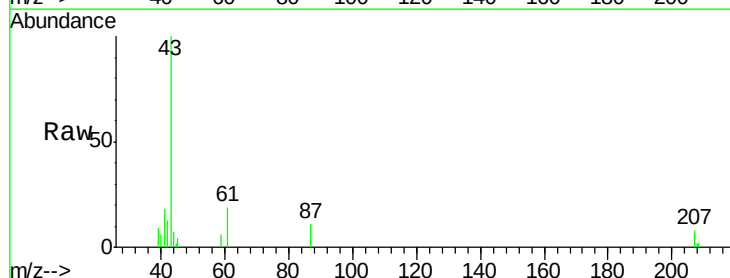
RT: 6.40 min Scan# 872

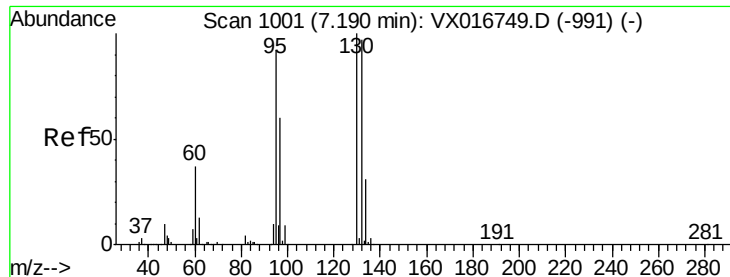
Delta R.T. -0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Tgt Ion:	43	Resp:	6377
Ion Ratio	Lower	Upper	
43	100		
61	23.0	17.7	26.5
87	13.5	12.5	18.7





#44

Trichloroethene

Concen: 0.989 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 3753

Ion Ratio Lower Upper

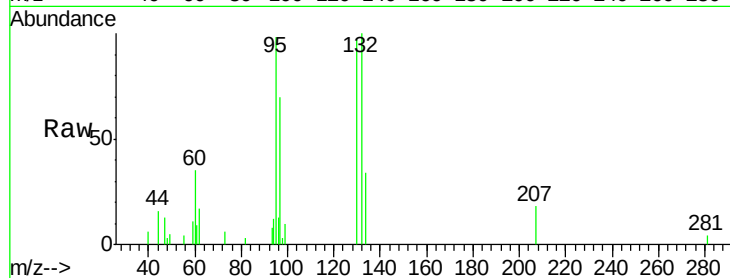
130 100

95 101.0 0.0 183.6

Manual Integrations
APPROVED

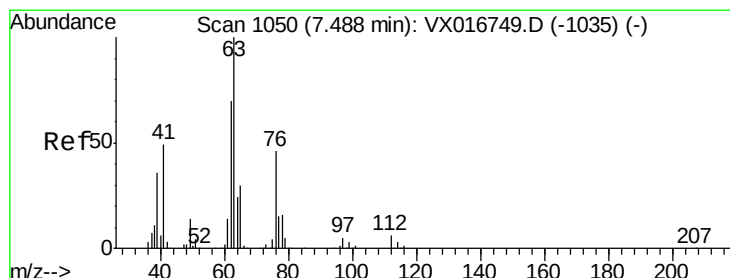
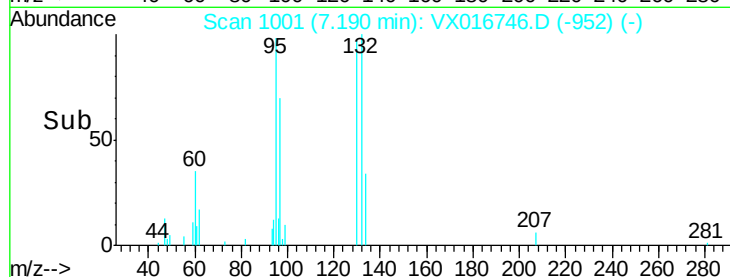
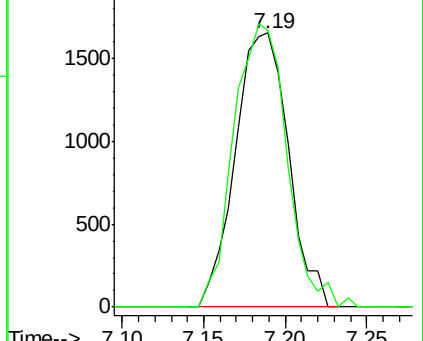
MMDadoda

6/16/2020 3:23:05 PM



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 0.922 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016746.D

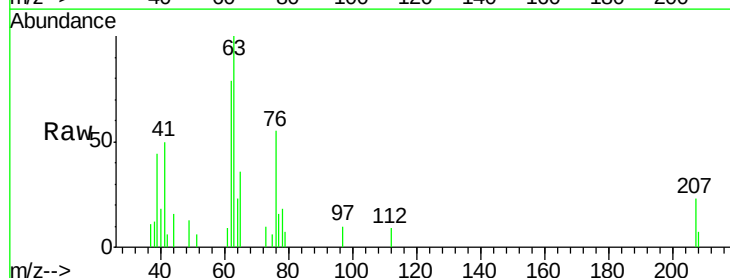
Acq: 15 Jun 2020 11:10

Tgt Ion: 63 Resp: 2790

Ion Ratio Lower Upper

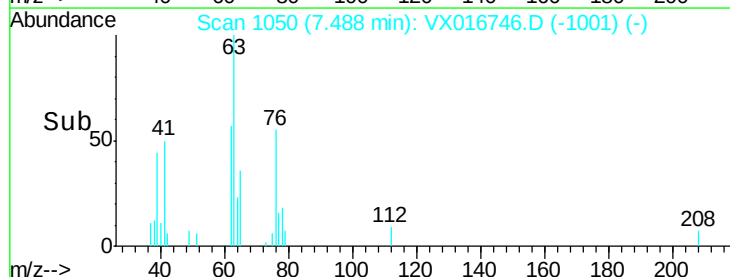
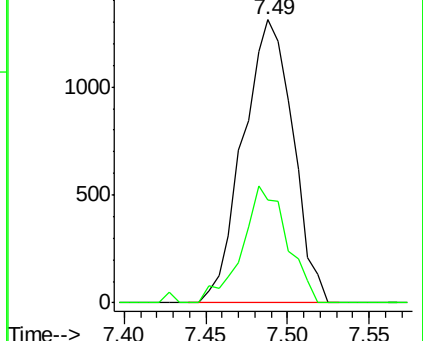
63 100

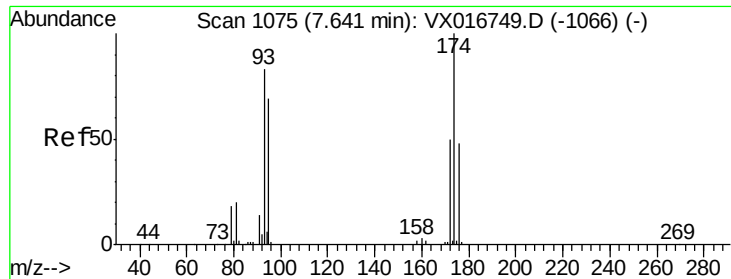
65 36.3 24.2 36.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





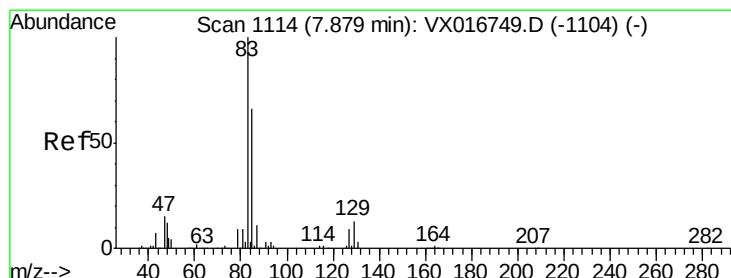
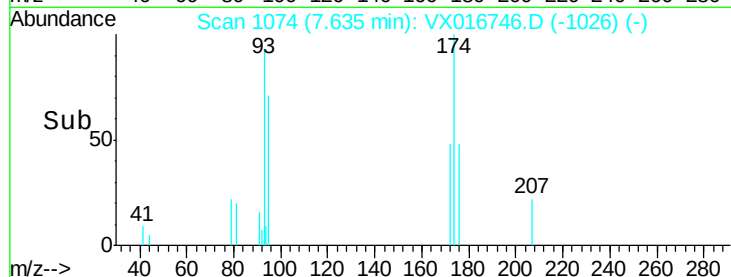
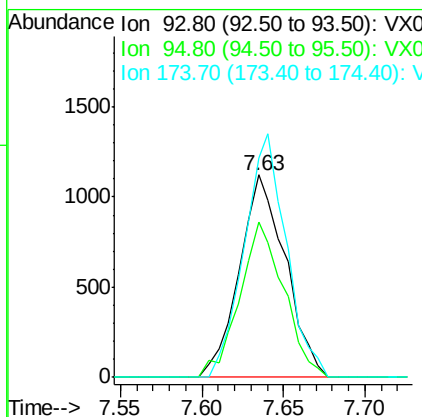
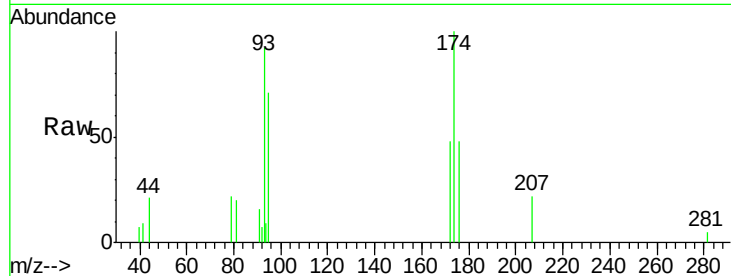
#46
Dibromomethane
Concen: 1.072 ug/l
RT: 7.63 min Scan# 1074
Delta R.T. -0.01 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	93	Resp:	2201
Ion	Ratio	Lower	Upper
93	100		
95	73.5	66.9	100.3
174	110.0	93.8	140.8

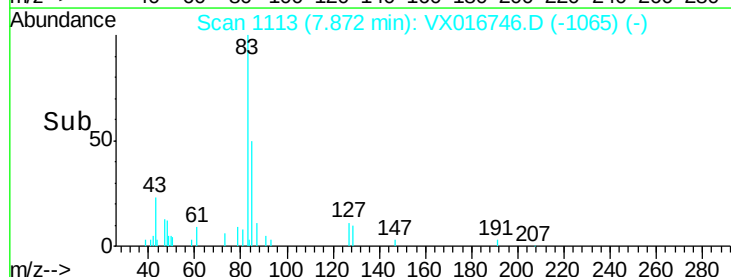
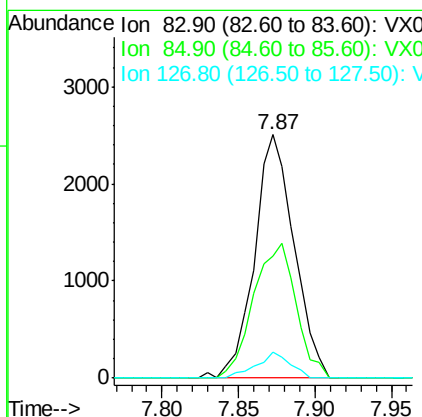
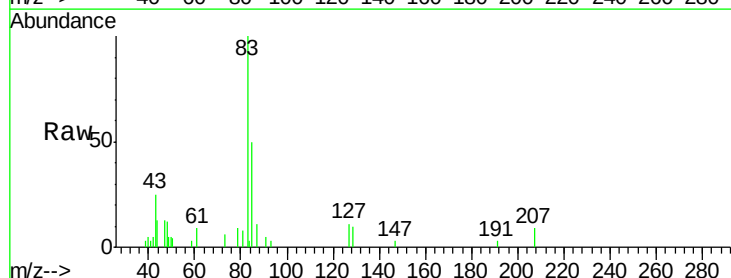
Manual Integrations
APPROVED

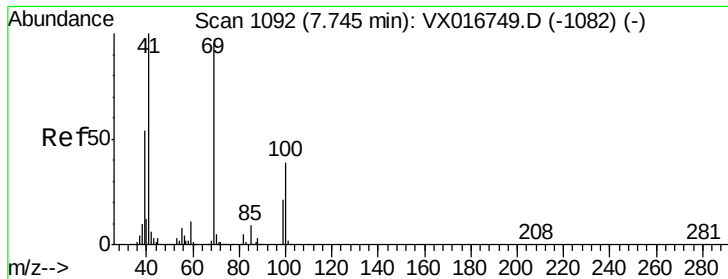
MMDadoda
6/16/2020 3:23:05 PM



#47
Bromodichloromethane
Concen: 1.061 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.01 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Tgt Ion:	83	Resp:	4513
Ion	Ratio	Lower	Upper
83	100		
85	50.2	52.5	78.7#
127	10.5	7.5	11.3





#48

Methvl methacrylate

Concen: 0.809 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

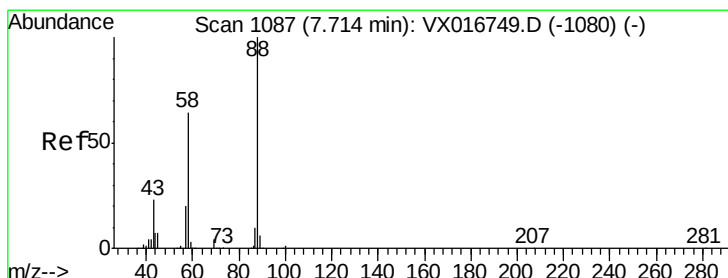
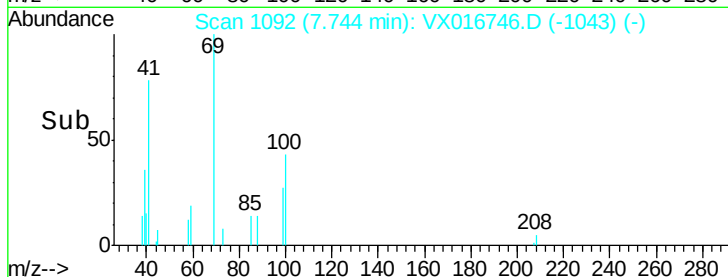
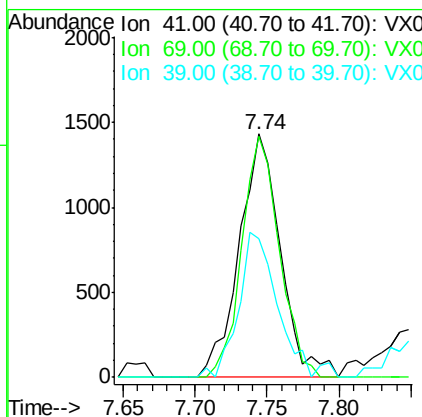
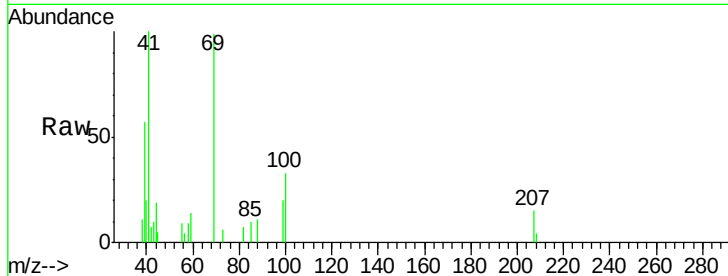
ClientSampleId :

VSTDIC001

Tot Ion:	41	Resp:	2853
Ion	Ratio	Lower	Upper
41	100		
69	89.5	75.0	112.6
39	56.6	44.3	66.5

Manual Integrations
APPROVED

MMDadoda
6/16/2020 3:23:05 PM



#49

1,4-Dioxane

Concen: 18.513 ug/l

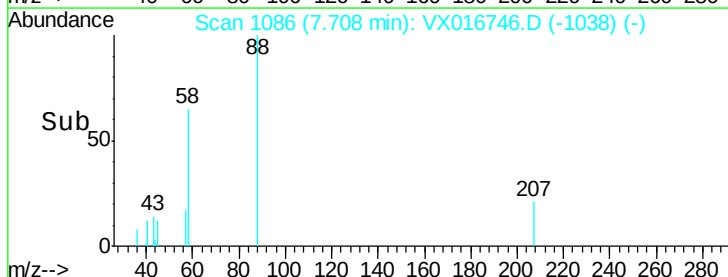
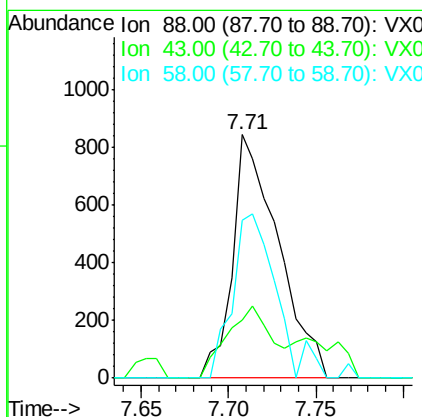
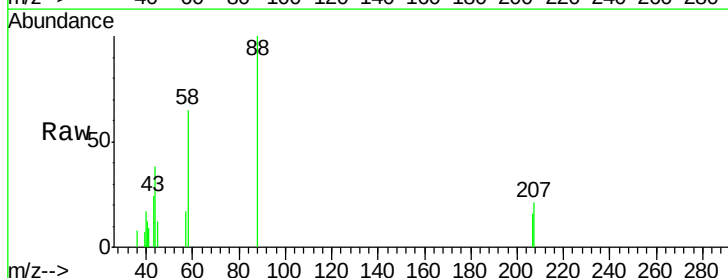
RT: 7.71 min Scan# 1086

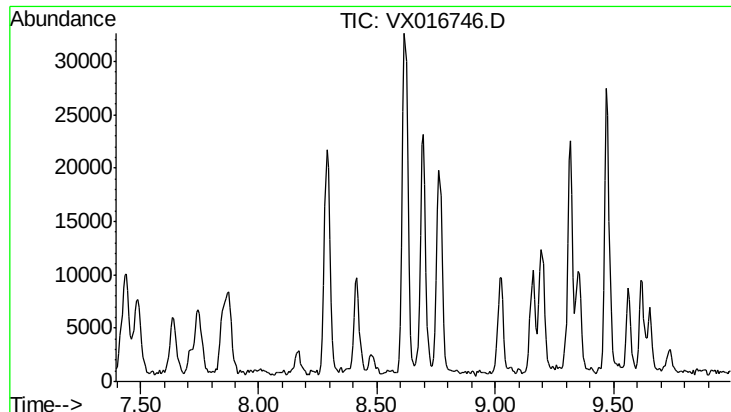
Delta R.T. -0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Tgt Ion:	88	Resp:	1541
Ion	Ratio	Lower	Upper
88	100		
43	29.2	22.9	34.3
58	64.4	53.7	80.5





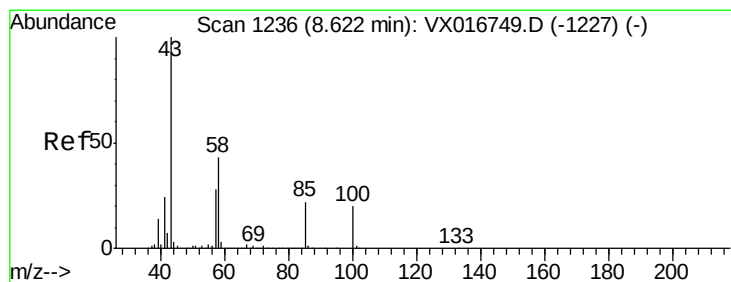
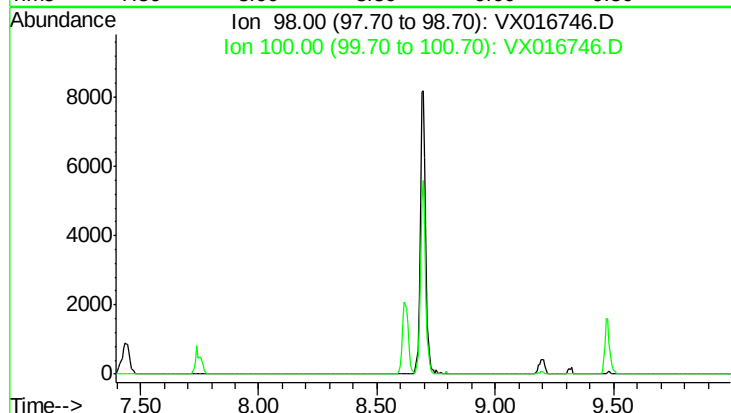
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.70 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 67.4

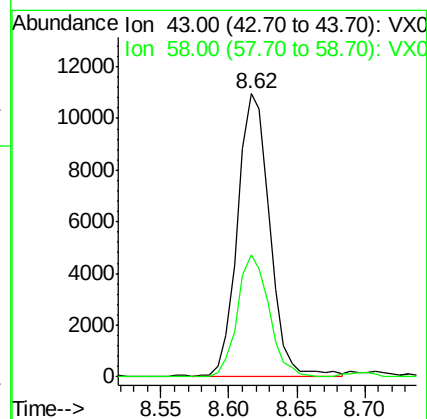
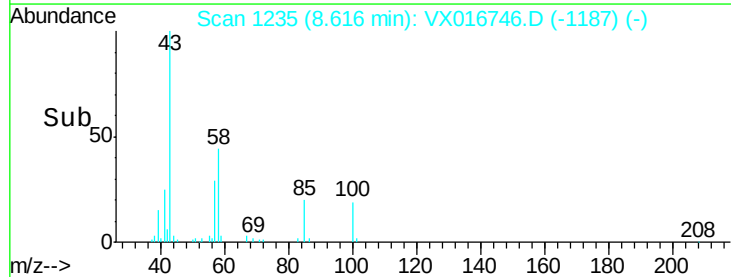
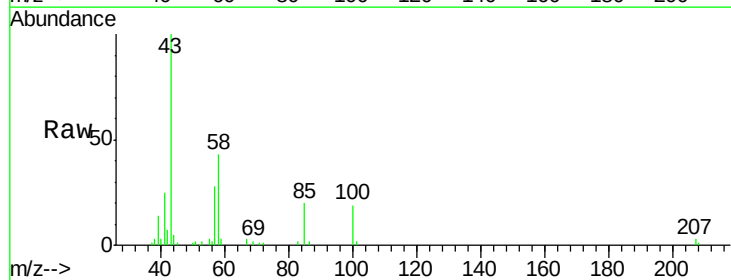
Manual Integrations
APPROVED

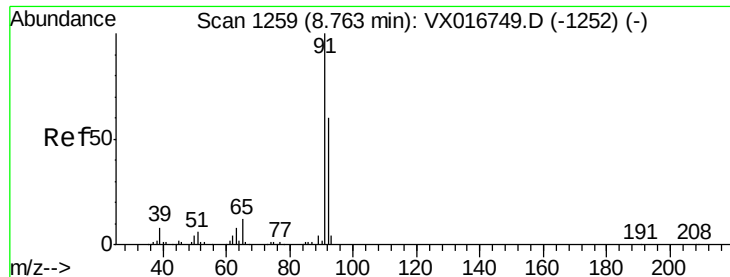
MMDadoda
6/16/2020 3:23:05 PM



#51
4-Methyl-2-Pentanone
Concen: 3.961 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Tgt Ion: 43 Resp: 18151
Ion Ratio Lower Upper
43 100
58 42.0 34.6 52.0





#52

Toluene

Concen: 0.979 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 92 Resp: 7412

Ion Ratio Lower Upper

92 100

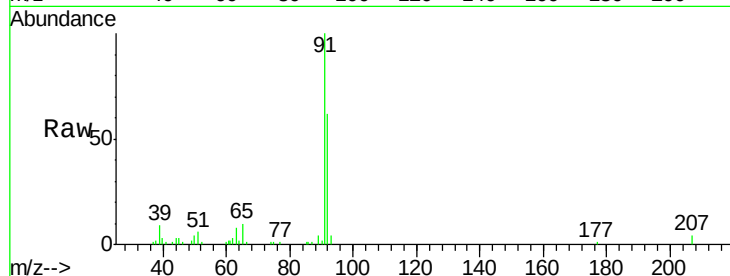
91 163.0 136.1 204.1

Manual Integrations

APPROVED

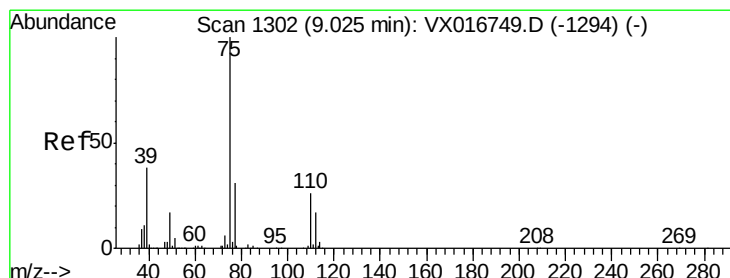
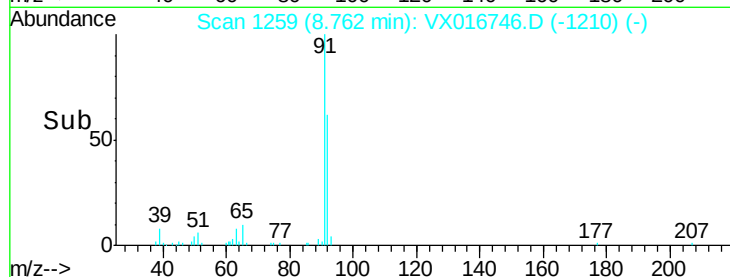
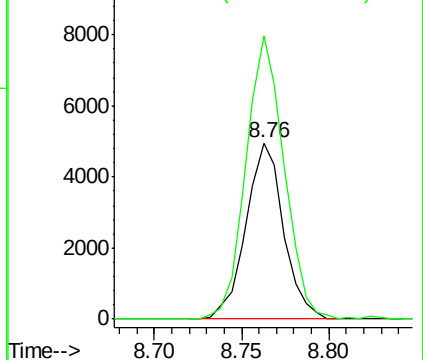
MMDadoda

6/16/2020 3:23:05 PM



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#53

t-1,3-Dichloropropene

Concen: 0.959 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016746.D

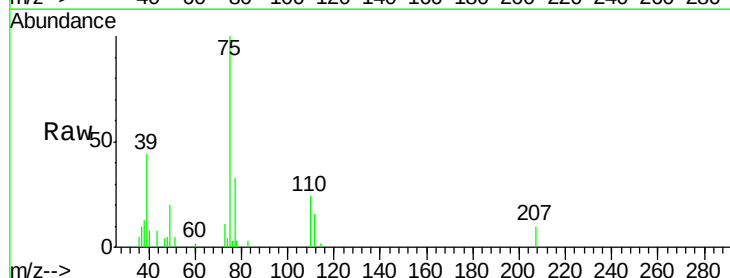
Acq: 15 Jun 2020 11:10

Tgt Ion: 75 Resp: 4639

Ion Ratio Lower Upper

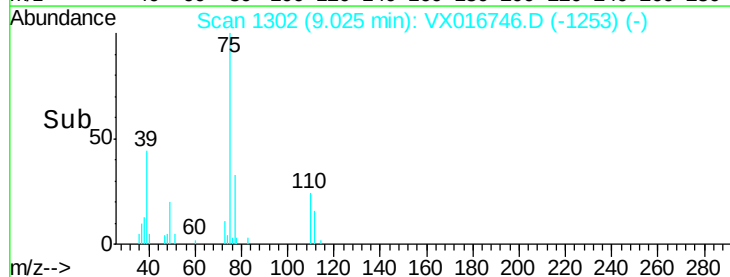
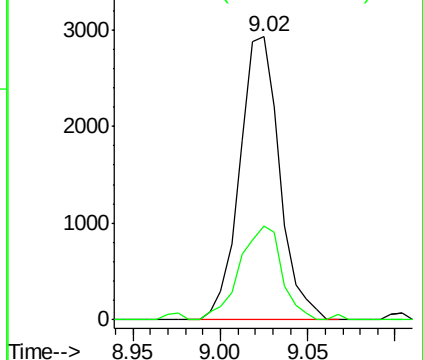
75 100

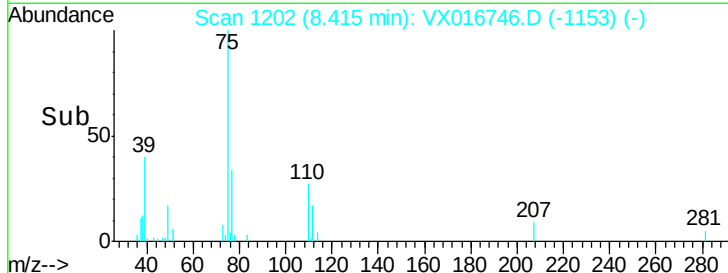
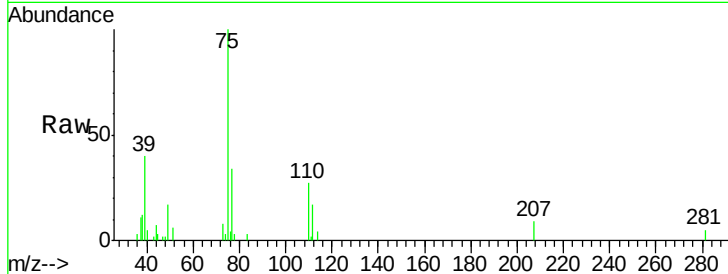
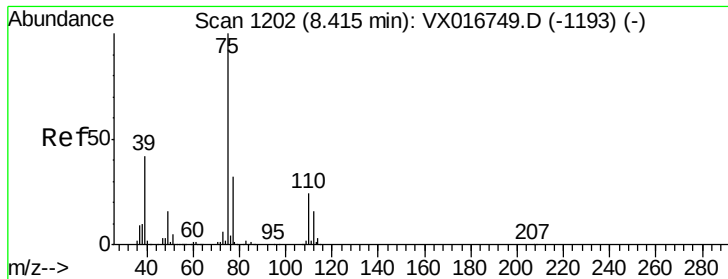
77 33.4 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0





#54

cis-1,3-Dichloropropene

Concen: 0.964 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Tot Ion:	75	Resp:	4921
Ion	Ratio	Lower	Upper
75	100		
77	33.5	25.3	37.9
39	39.9	33.7	50.5

Instrument :

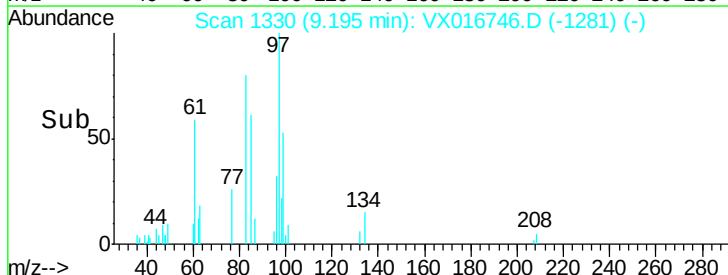
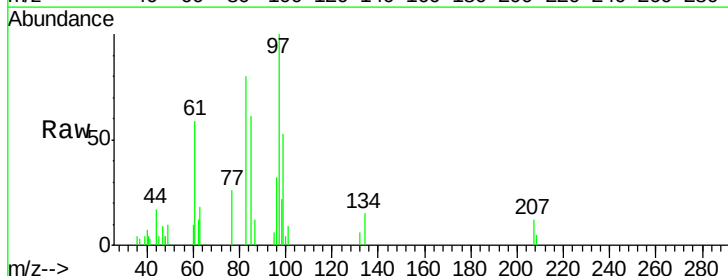
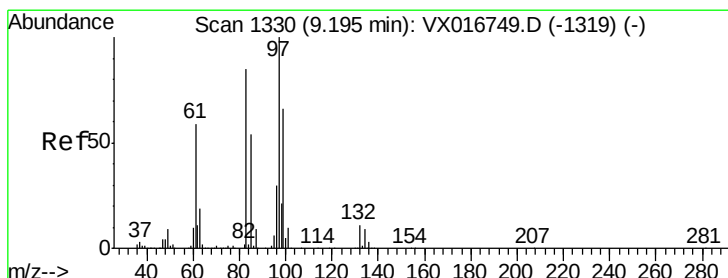
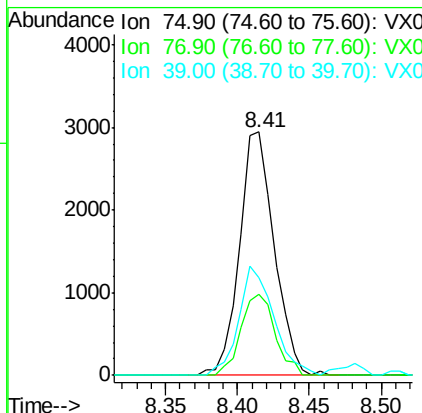
MSVOA_X

ClientSampleId :

VSTDIC001

Manual Integrations
APPROVED

MMDadoda
6/16/2020 3:23:05 PM



#55

1,1,2-Trichloroethane

Concen: 0.950 ug/l

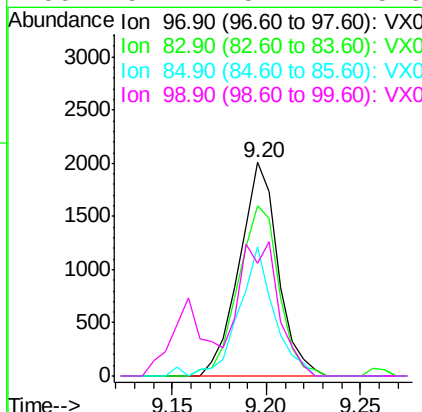
RT: 9.20 min Scan# 1330

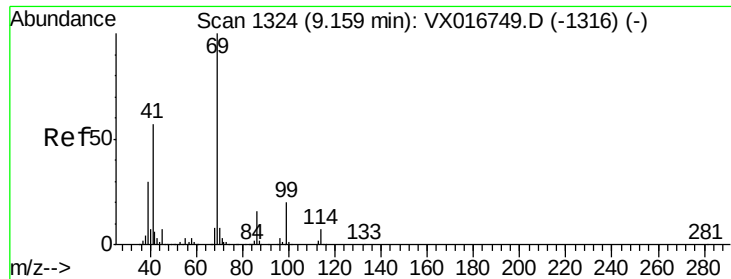
Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Tgt Ion:	97	Resp:	2865
Ion	Ratio	Lower	Upper
97	100		
83	79.5	68.3	102.5
85	60.8	43.5	65.3
99	52.7	52.4	78.6





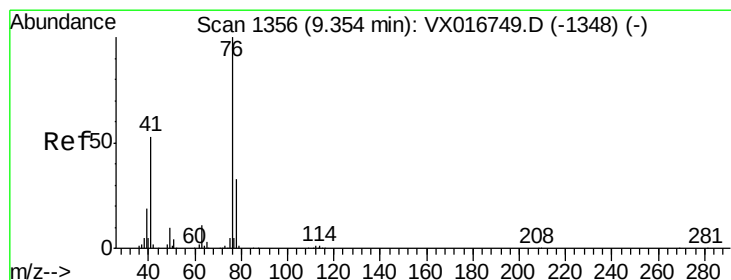
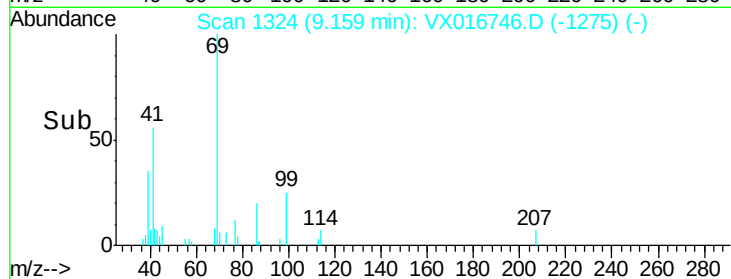
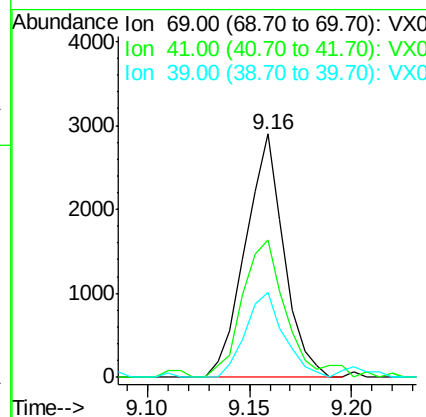
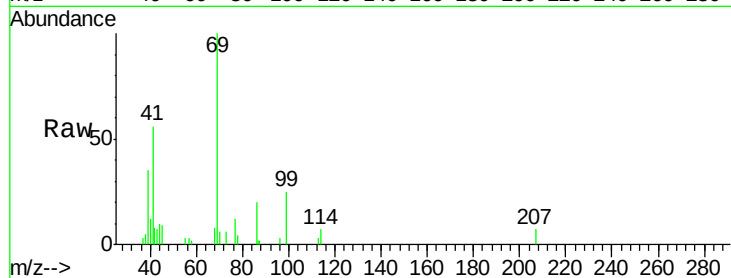
#56
Ethyl methacrylate
Concen: 0.786 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:	69	Resp:	3812
Ion	Ratio	Lower	Upper
69	100		
41	64.7	47.1	70.7
39	34.8	25.0	37.6

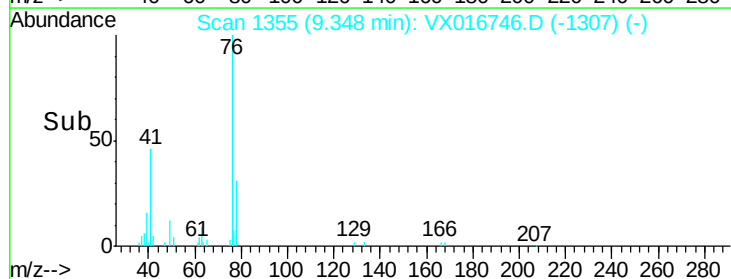
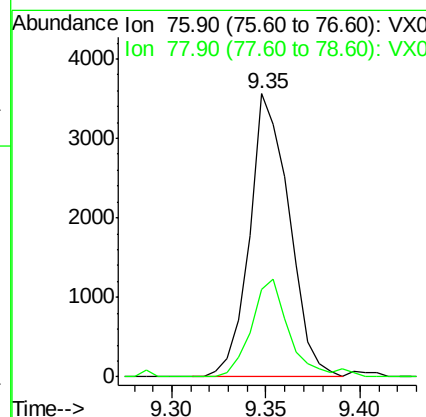
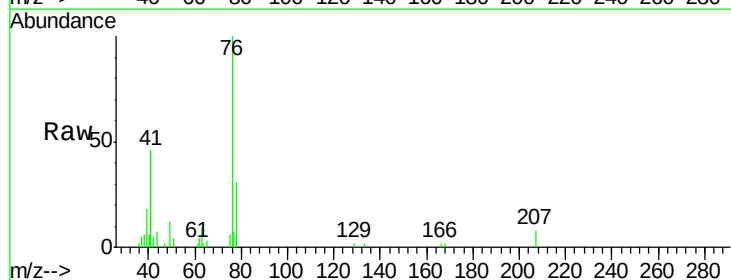
Manual Integrations
APPROVED

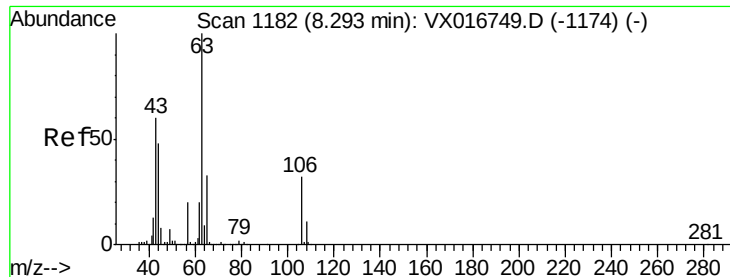
MMDadoda
6/16/2020 3:23:05 PM



#57
1,3-Dichloropropane
Concen: 1.007 ug/l
RT: 9.35 min Scan# 1355
Delta R.T. -0.01 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Tgt Ion:	76	Resp:	5173
Ion	Ratio	Lower	Upper
76	100		
78	33.2	25.7	38.5





#58

2-Chloroethyl Vinyl ether

Concen: 3.327 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 63 Resp: 8412

Ion Ratio Lower Upper

63 100

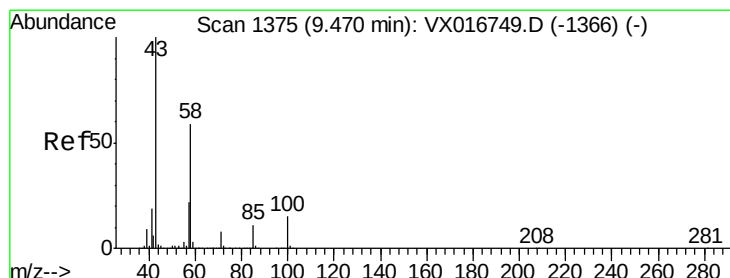
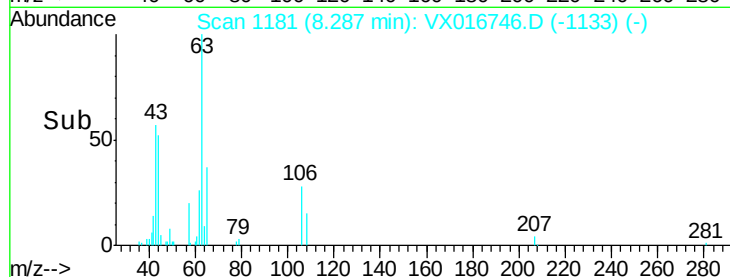
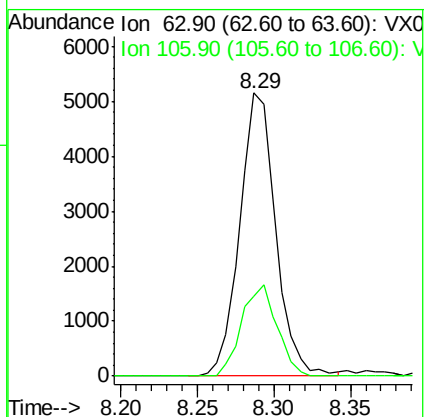
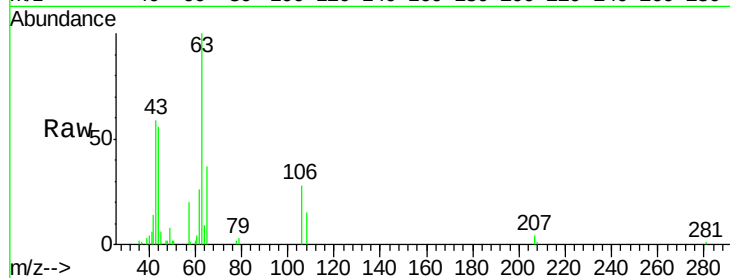
106 31.7 25.5 38.3

Manual Integrations

APPROVED

MMDadoda

6/16/2020 3:23:05 PM



#59

2-Hexanone

Concen: 3.731 ug/l

RT: 9.47 min Scan# 1375

Delta R.T. -0.00 min

Lab File: VX016746.D

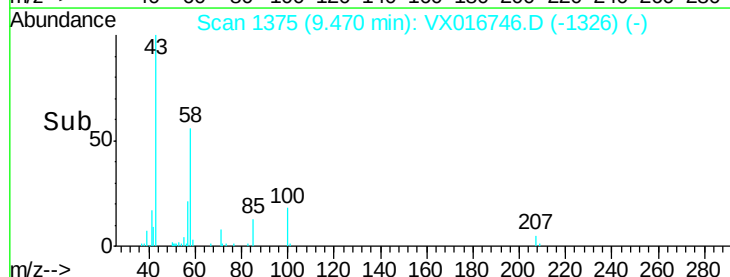
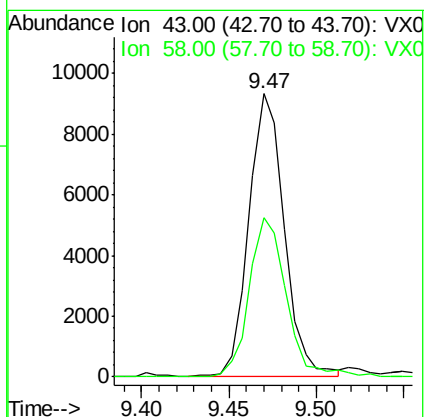
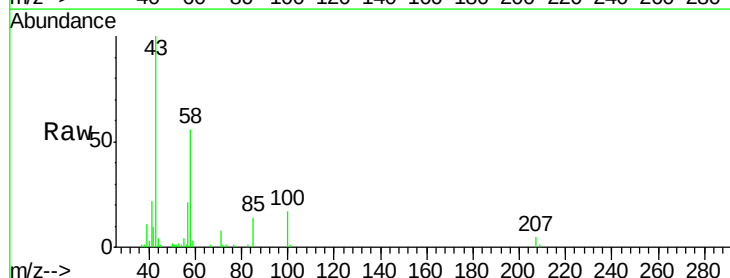
Acq: 15 Jun 2020 11:10

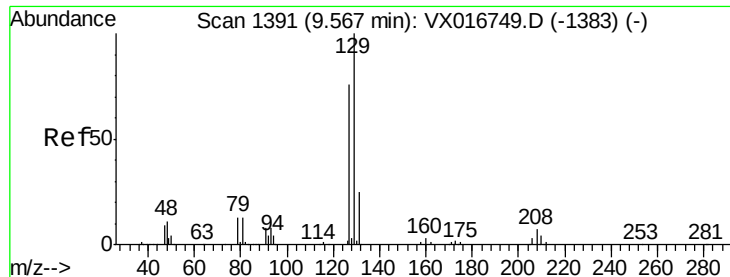
Tgt Ion: 43 Resp: 13279

Ion Ratio Lower Upper

43 100

58 58.6 29.9 89.8





#60

Dibromochloromethane

Concen: 0.974 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 3333

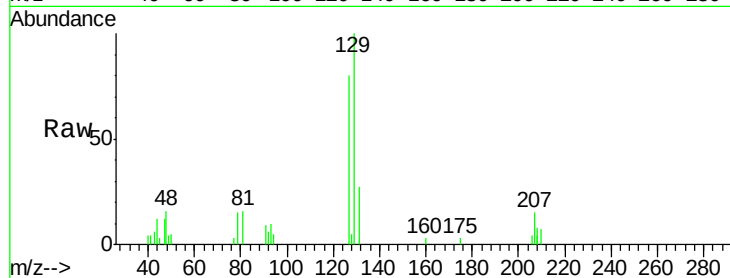
Ion Ratio Lower Upper

129 100

127 76.6 38.7 116.1

Manual Integrations
APPROVED

MMDadoda
6/16/2020 3:23:05 PM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.56

2500

2000

1500

1000

500

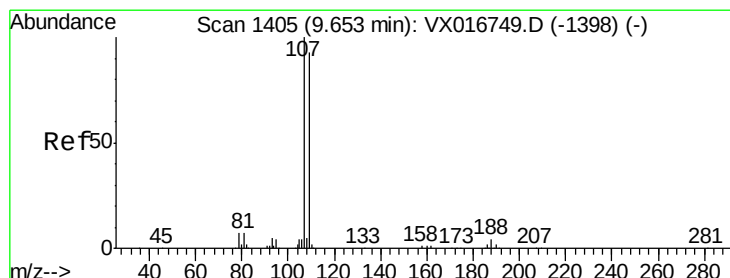
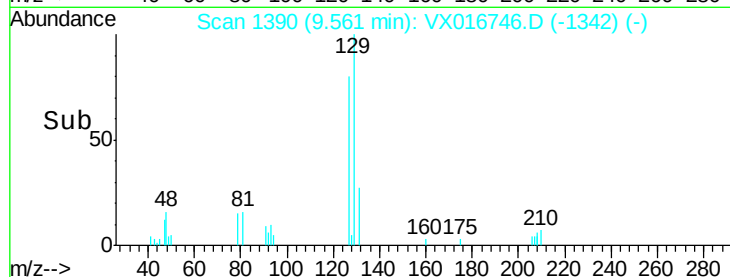
0

9.50

9.55

9.60

Time-->



#61

1,2-Dibromoethane

Concen: 0.969 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016746.D

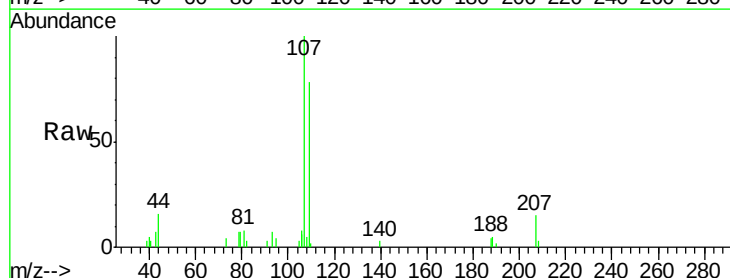
Acq: 15 Jun 2020 11:10

Tgt Ion:107 Resp: 3144

Ion Ratio Lower Upper

107 100

109 86.0 74.2 111.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

2500

2000

1500

1000

500

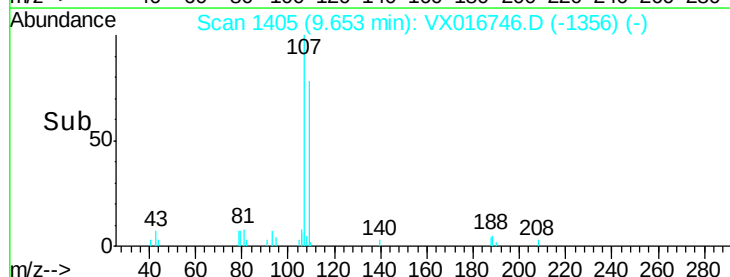
0

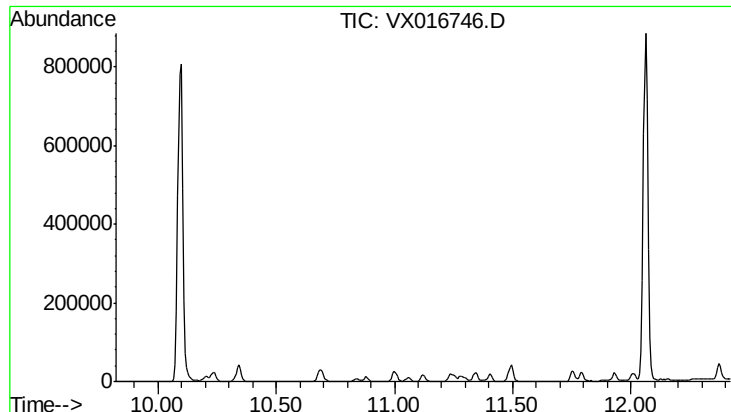
9.60

9.65

9.70

Time-->





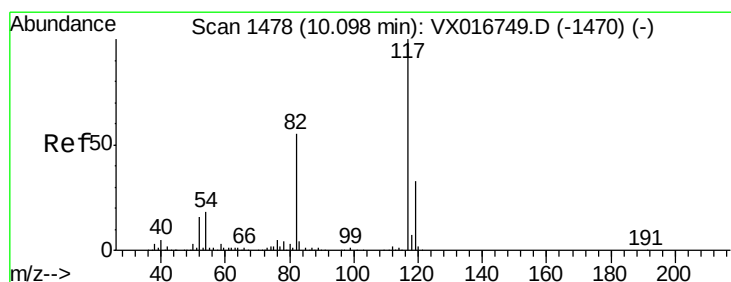
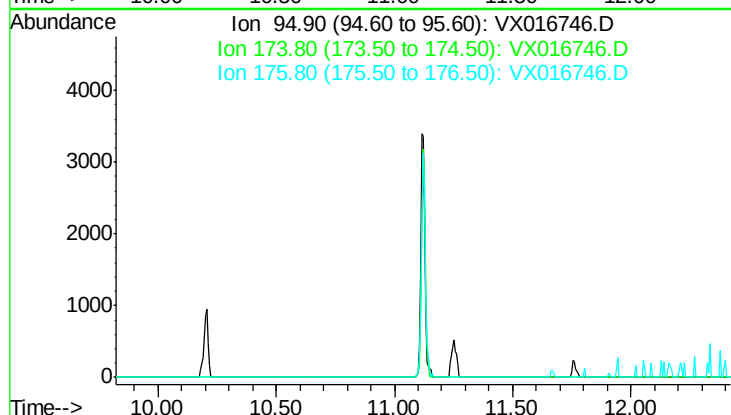
#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 11.12 min
 Lab File: VX016746.D
 Acq: 15 Jun 2020 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	95
Sig	Exp Ratio
95	100
174	85.5
176	83.1

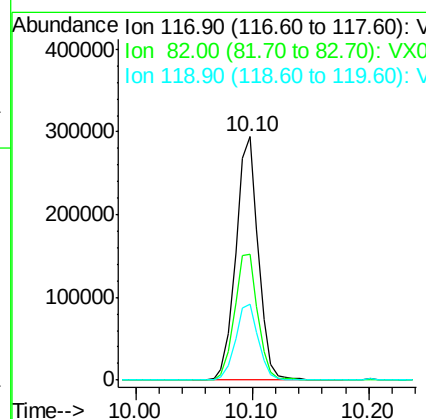
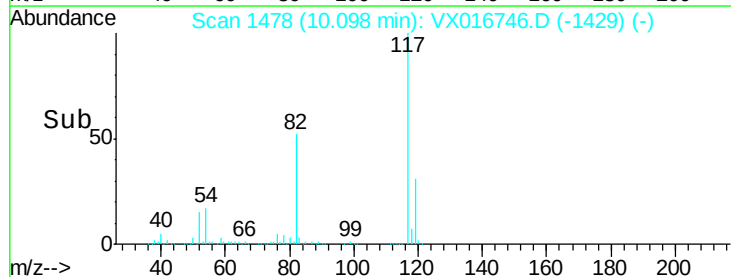
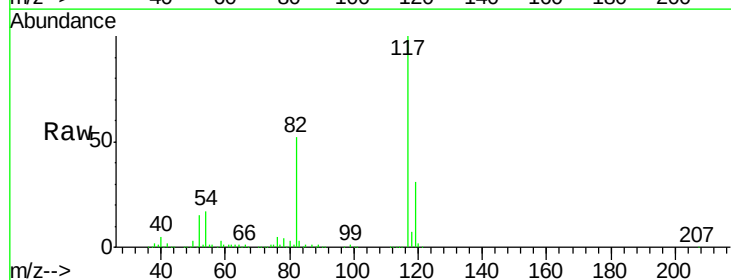
Manual Integrations
 APPROVED

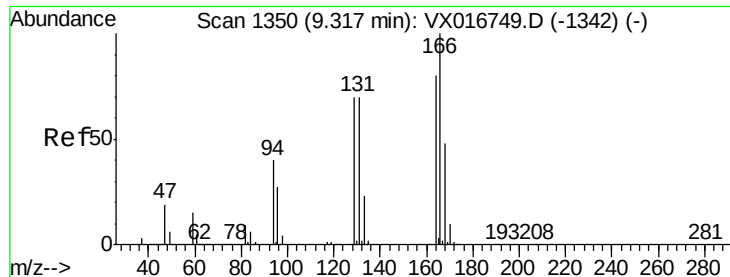
MMDadoda
 6/16/2020 3:23:05 PM



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.10 min Scan# 1478
 Delta R.T. -0.00 min
 Lab File: VX016746.D
 Acq: 15 Jun 2020 11:10

Tgt Ion	117	Resp	393907
Ion Ratio	Lower	Upper	
117	100		
82	51.5	43.8	65.6
119	31.1	26.2	39.4





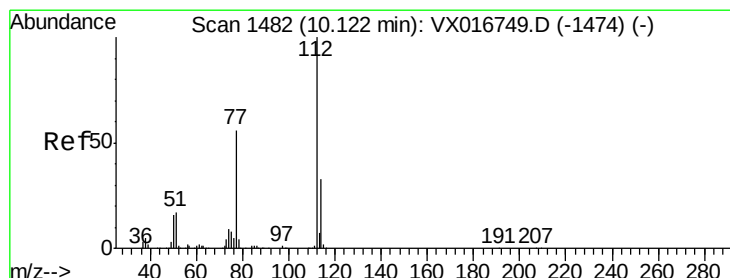
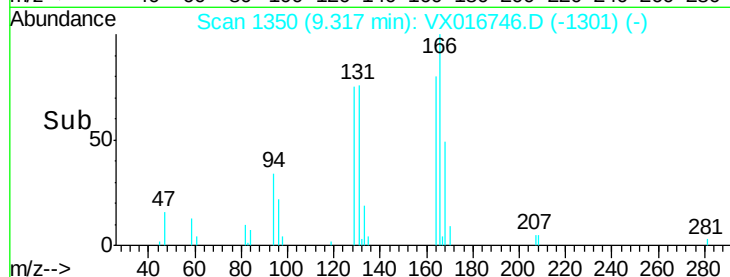
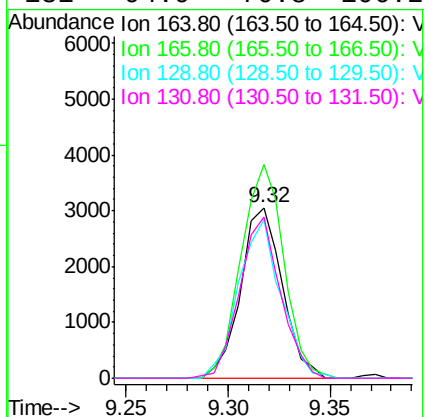
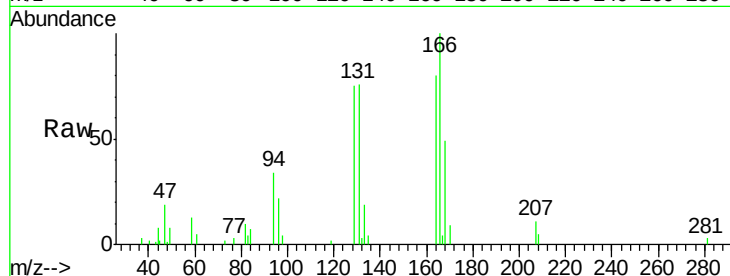
#64
Tetrachloroethene
Concen: 1.011 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
164	100		
166	125.2	100.6	150.8
129	93.4	70.1	105.1
131	94.9	70.8	106.2

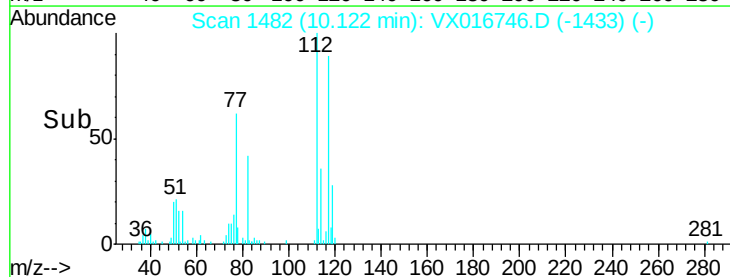
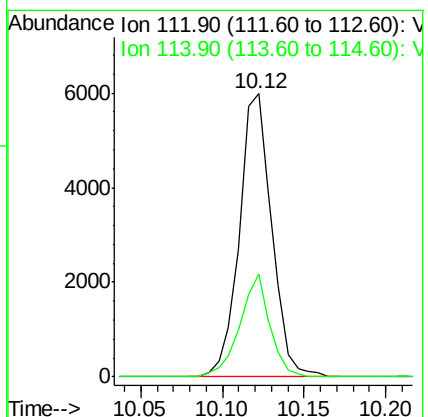
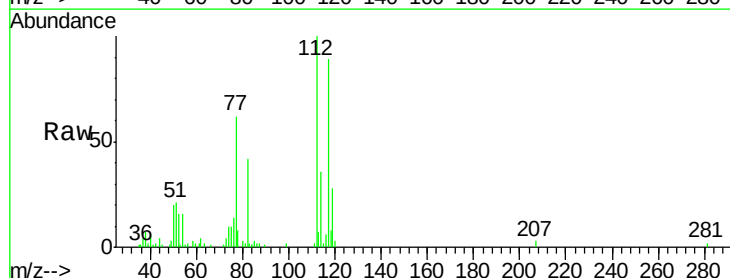
Manual Integrations
APPROVED

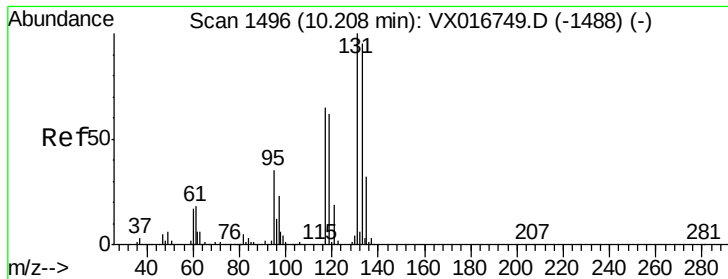
MMDadoda
6/16/2020 3:23:05 PM



#65
Chlorobenzene
Concen: 1.040 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Tgt Ion	Ratio	Lower	Upper
112	100		
114	36.3	26.2	39.4





#66

1,1,1,2-Tetrachloroethane

Concen: 1.063 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

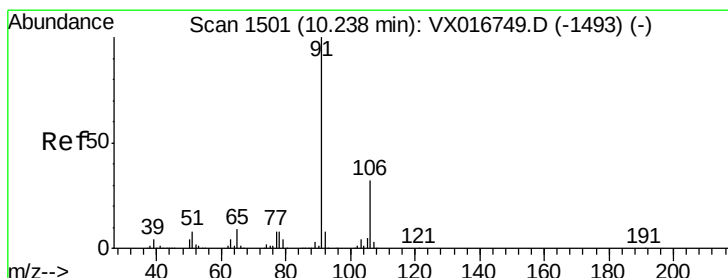
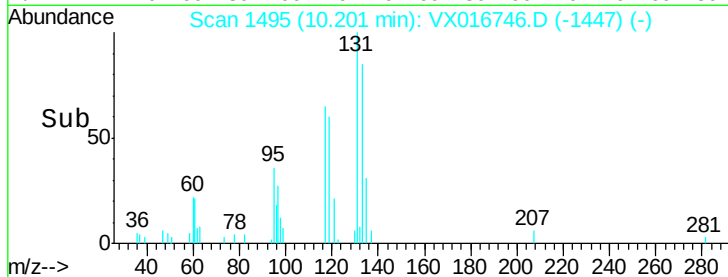
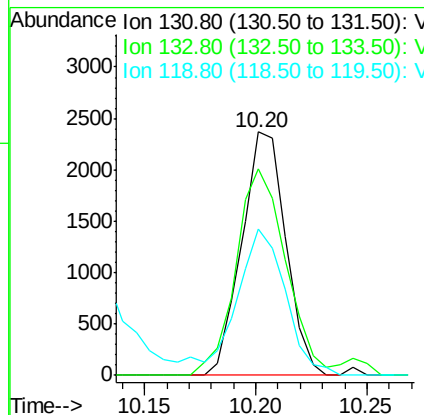
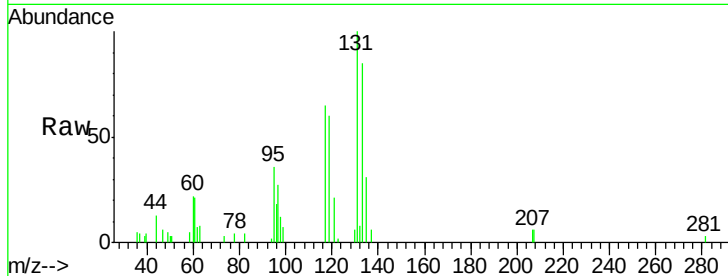
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.0	46.8	140.3
119	0.0	31.4	94.0#

Manual Integrations
APPROVED

MMDadoda
6/16/2020 3:23:05 PM



#67

Ethyl Benzene

Concen: 0.970 ug/l

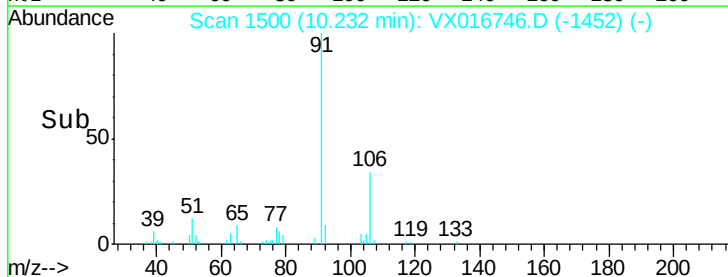
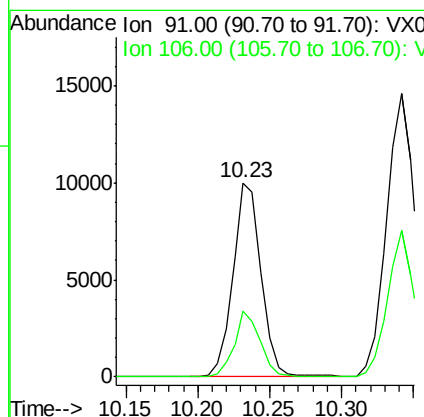
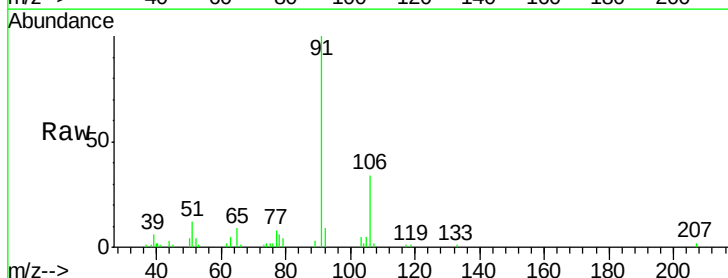
RT: 10.23 min Scan# 1500

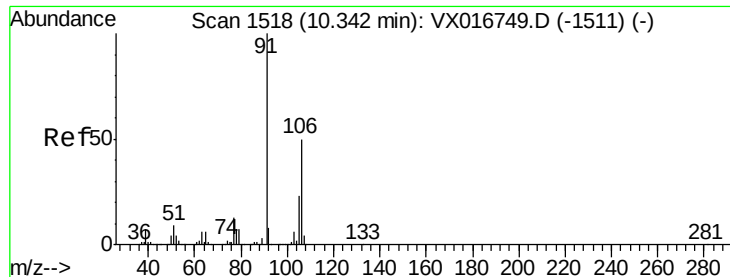
Delta R.T. -0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Tgt Ion	Ratio	Lower	Upper
91	100		
106	33.9	25.3	37.9





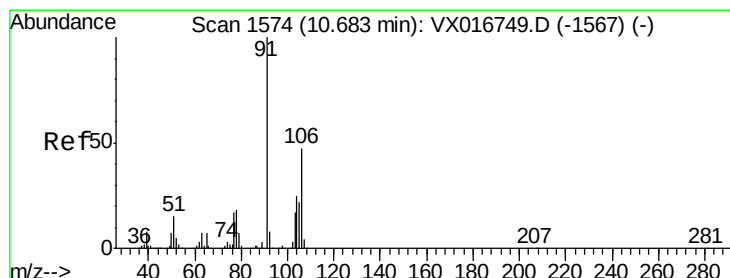
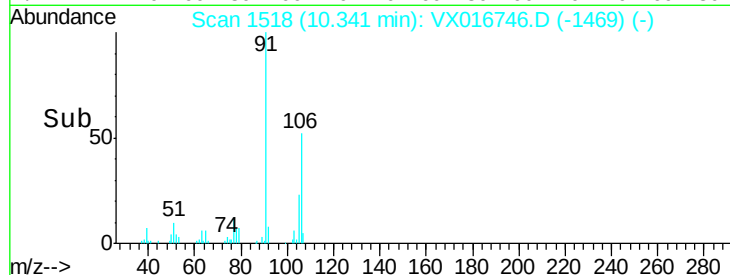
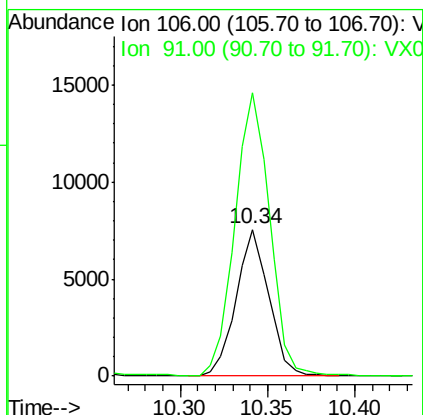
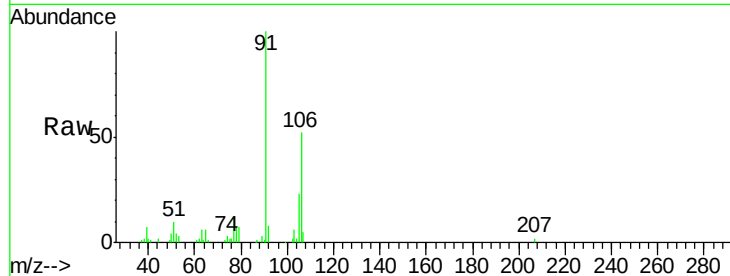
#68
m/p-Xylenes
Concen: 1.872 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 9837
Ion Ratio Lower Upper
106 100
91 206.3 161.2 241.8

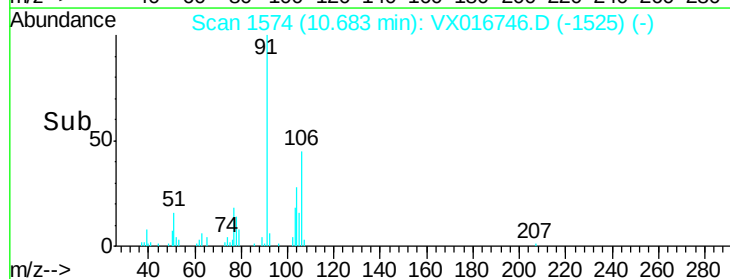
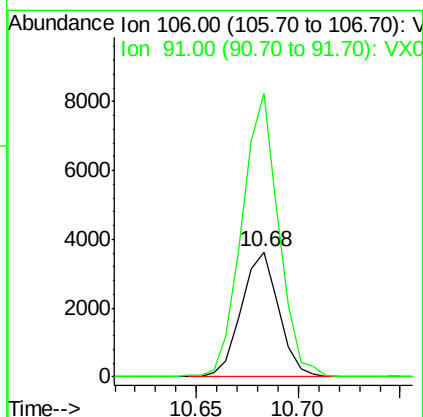
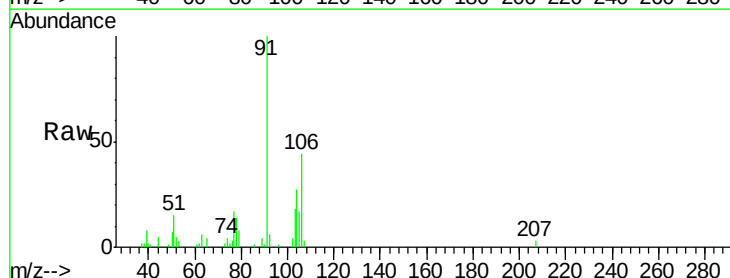
Manual Integrations
APPROVED

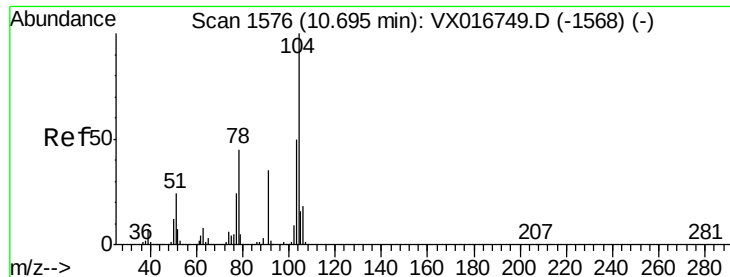
MMDadoda
6/16/2020 3:23:05 PM



#69
o-Xylene
Concen: 0.906 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Tgt Ion:106 Resp: 4617
Ion Ratio Lower Upper
106 100
91 223.6 106.9 320.8





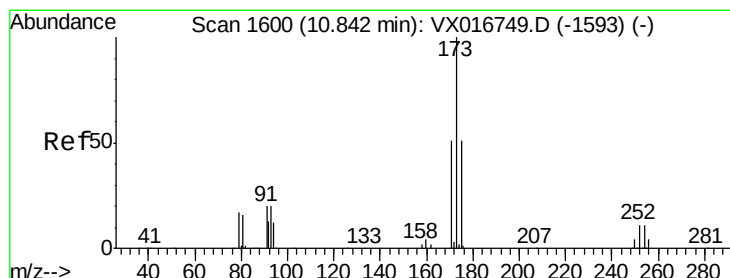
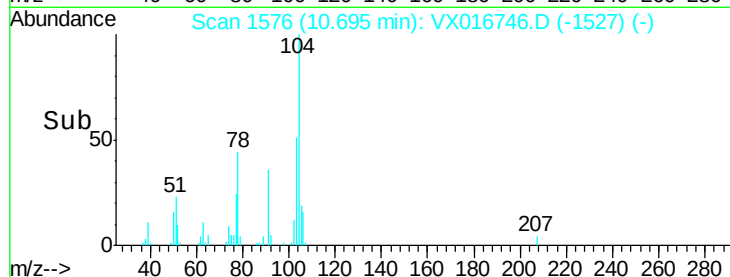
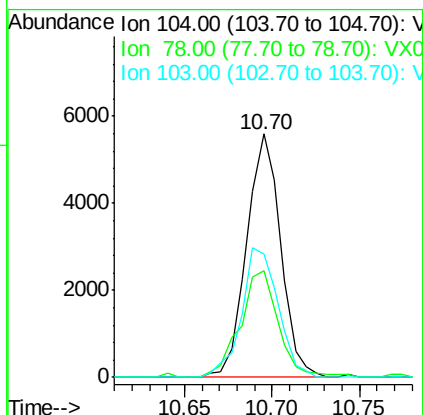
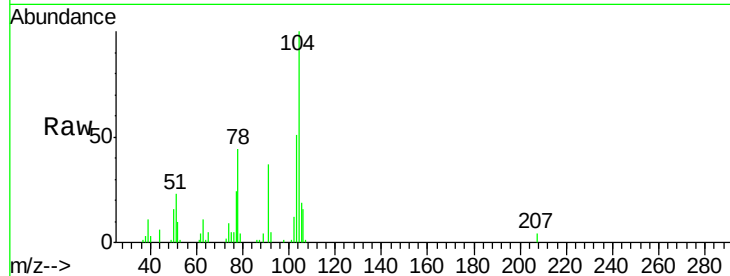
#70
Stvrene
Concen: 0.865 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.6	39.8	59.8
103	57.3	43.4	65.2

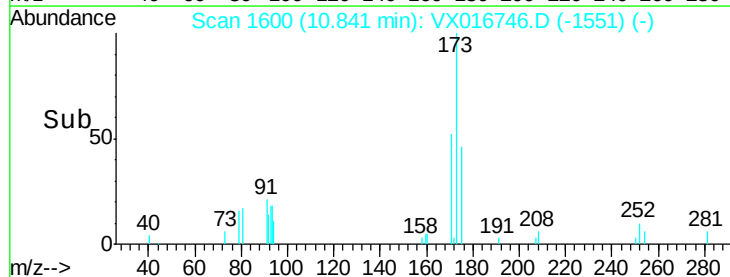
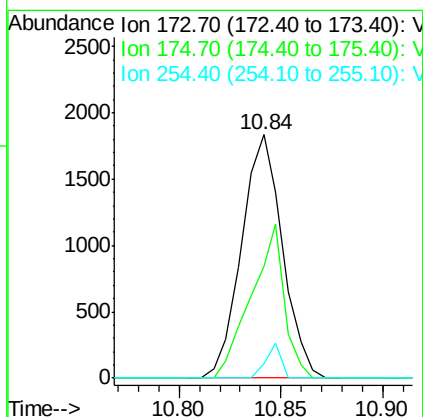
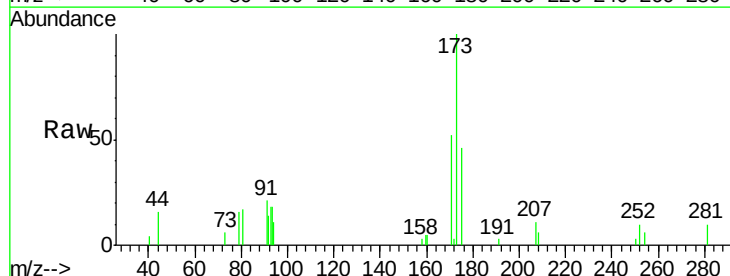
Manual Integrations
APPROVED

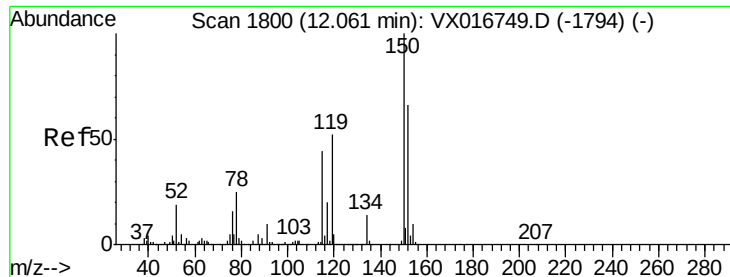
MMDadoda
6/16/2020 3:23:05 PM



#71
Bromoform
Concen: 0.985 ug/l
RT: 10.84 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Tgt Ion	Ratio	Lower	Upper
173	100		
175	51.4	25.1	75.4
254	5.3	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: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

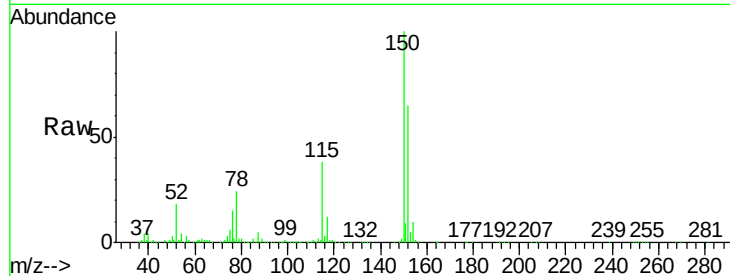
ClientSampleId :

VSTDIC001

Tot Ion:	152	Resp:	186123
Ion Ratio	Lower	Upper	
152	100		
115	58.3	40.3	120.8
150	156.3	0.0	337.4

Manual Integrations
APPROVED

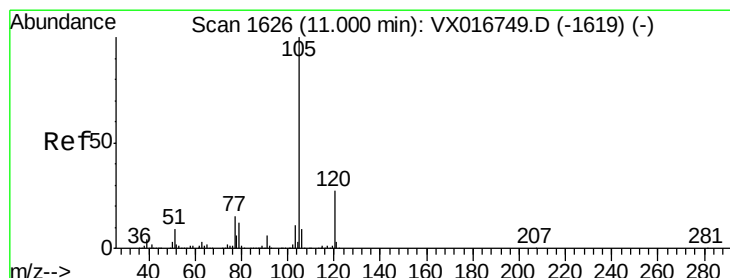
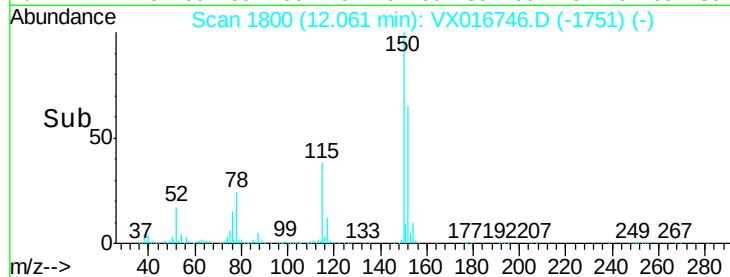
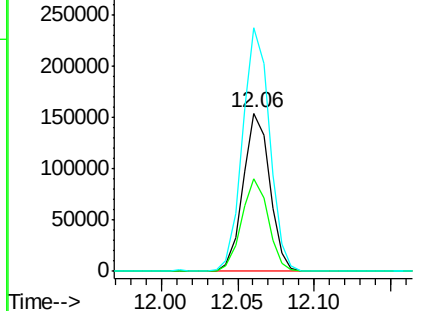
MMDadoda
6/16/2020 3:23:05 PM



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: 0.982 ug/l

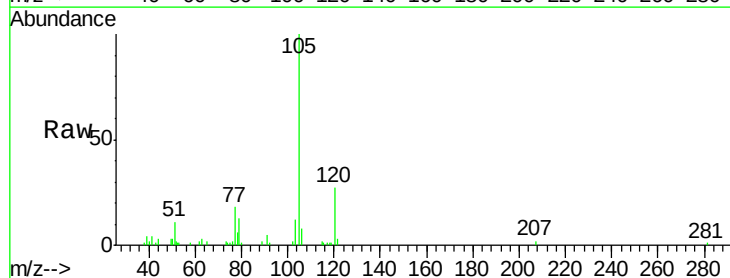
RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016746.D

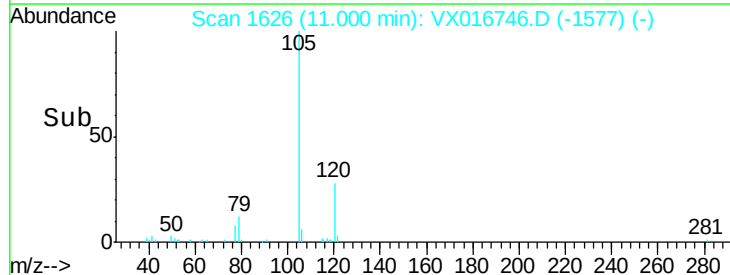
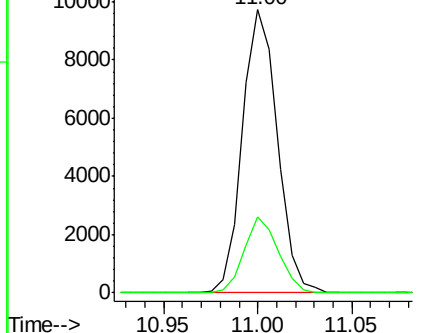
Acq: 15 Jun 2020 11:10

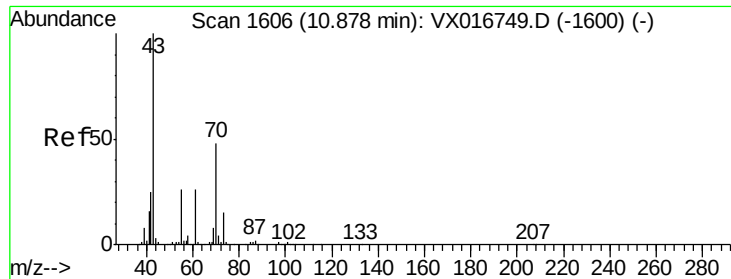
Tgt Ion:	105	Resp:	12528
Ion Ratio	Lower	Upper	
105	100		
120	25.9	13.2	39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.729 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

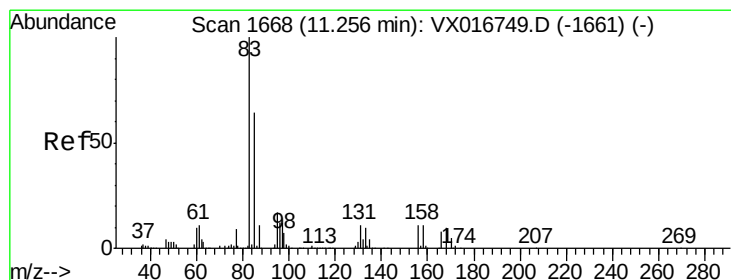
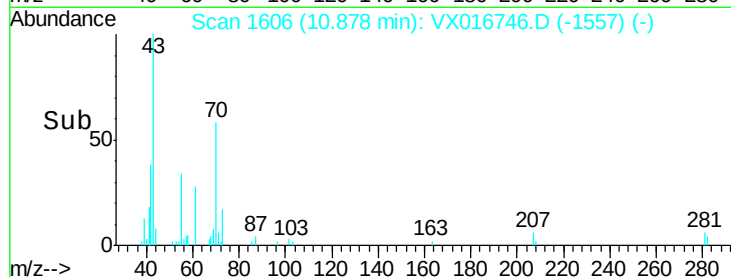
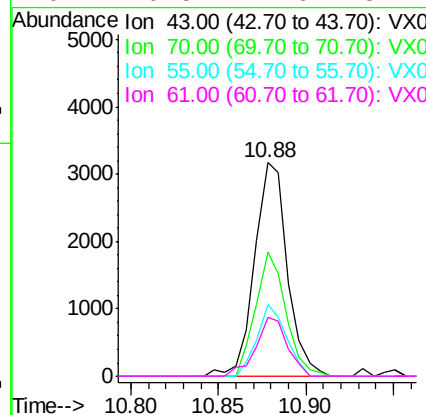
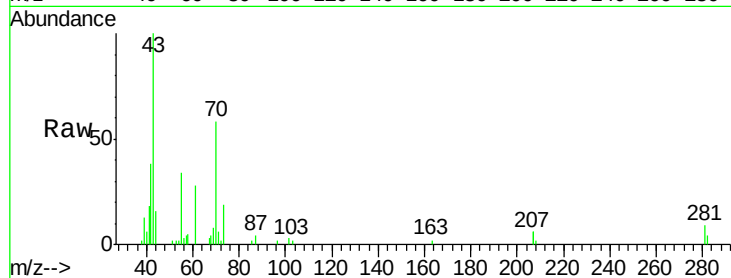
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	4158
Ion	Ratio	Lower	Upper
43	100		
70	53.8	39.8	59.6
55	30.0	21.7	32.5
61	26.5	21.6	32.4

Manual Integrations
APPROVED

MMDadoda
6/16/2020 3:23:05 PM



#75

1,1,2,2-Tetrachloroethane

Concen: 1.124 ug/l

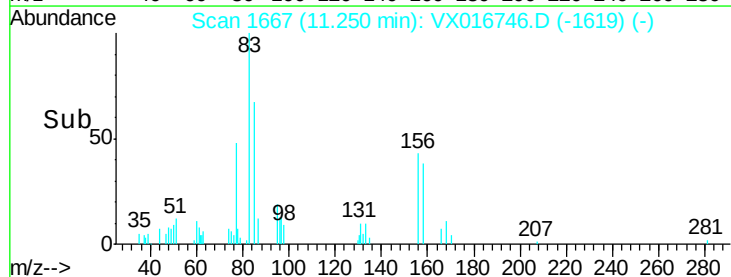
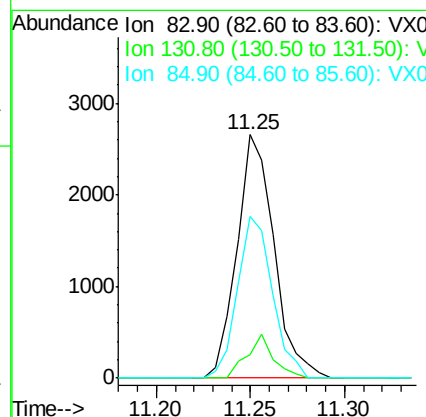
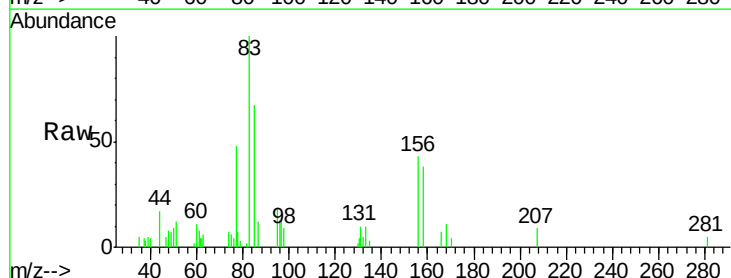
RT: 11.25 min Scan# 1667

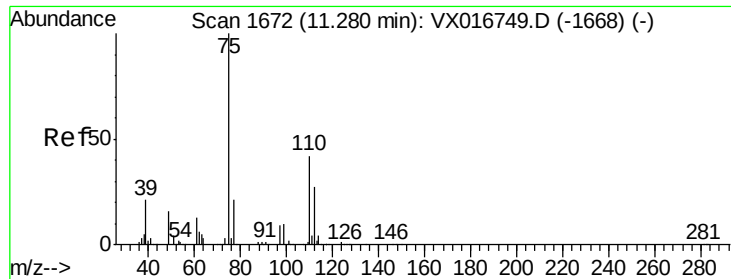
Delta R.T. -0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Tgt Ion:	83	Resp:	3635
Ion	Ratio	Lower	Upper
83	100		
131	12.8	5.7	17.0
85	62.7	32.4	97.2





#76

1,2,3-Trichloropropane

Concen: 1.065 ug/l m

RT: 11.29 min Scan# 1673

Delta R.T. 0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 75 Resp: 4278

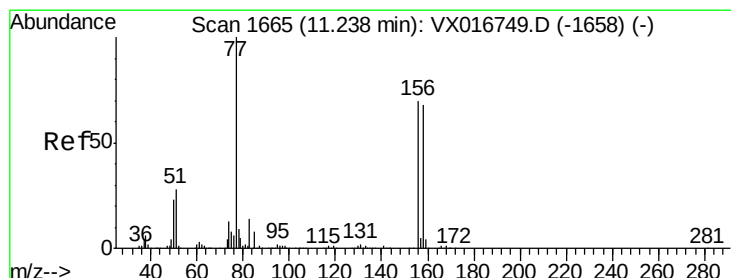
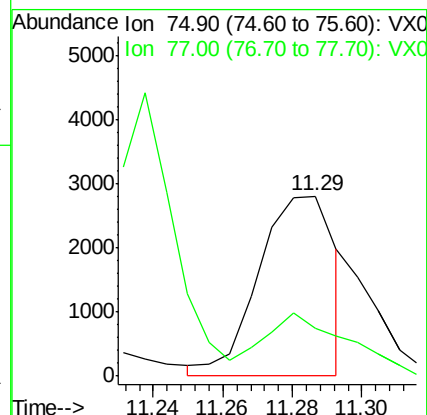
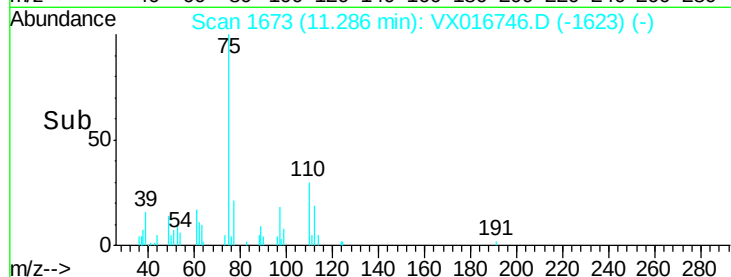
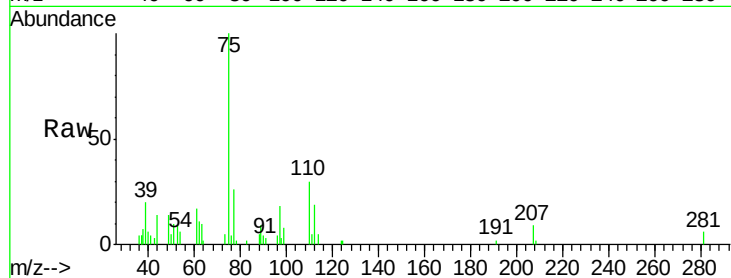
Ion Ratio Lower Upper

75 100

77 38.6 20.3 60.9

Manual Integrations
APPROVED

MMDadoda
6/16/2020 3:23:05 PM



#77

Bromobenzene

Concen: 1.083 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

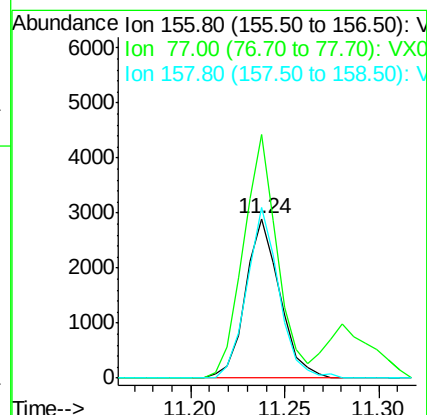
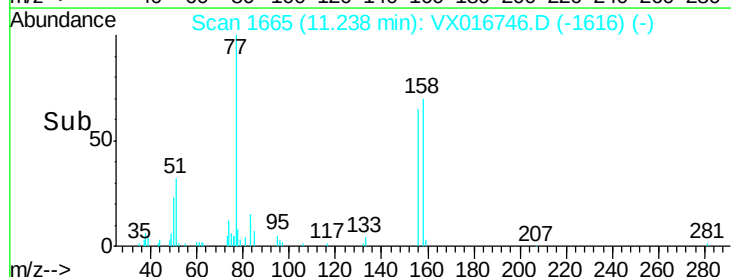
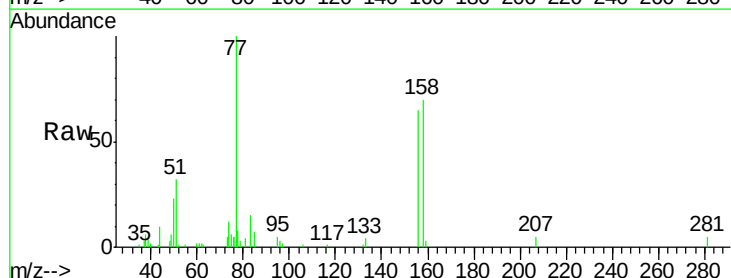
Tgt Ion: 156 Resp: 3650

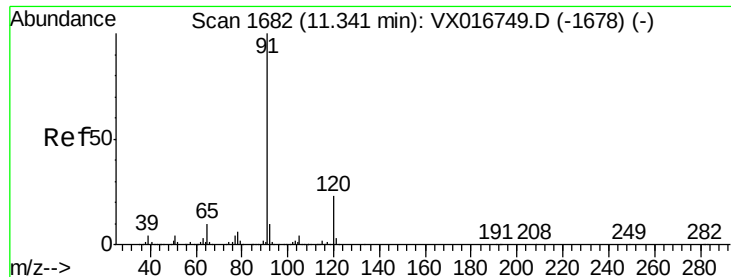
Ion Ratio Lower Upper

156 100

77 151.6 73.2 219.6

158 100.3 48.8 146.4





#78

n-propylbenzene

Concen: 0.917 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 13023

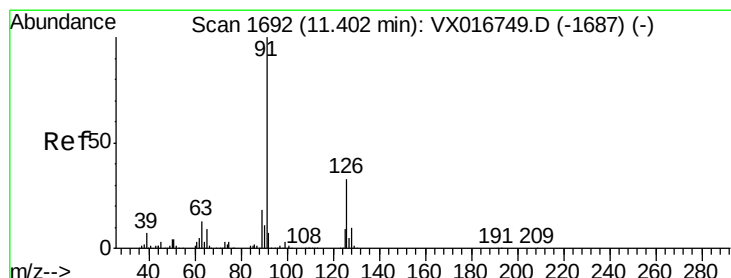
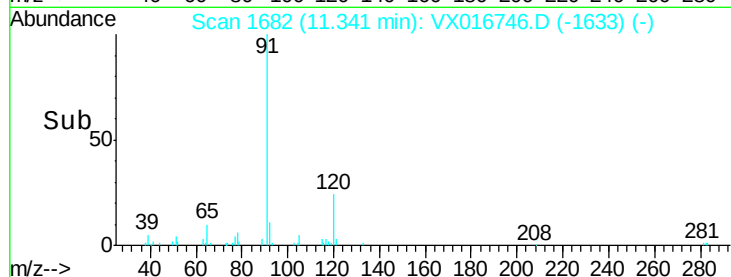
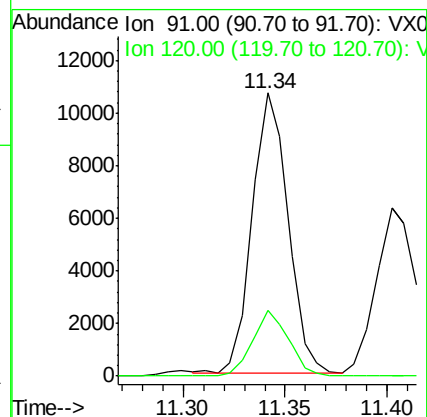
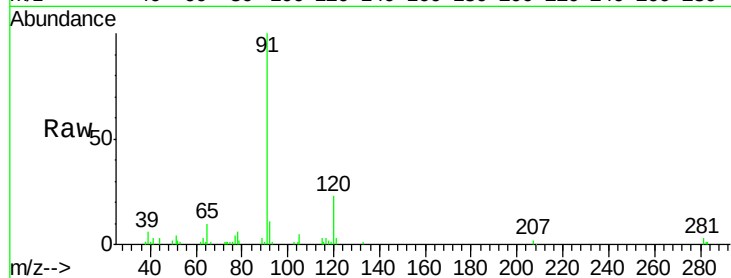
Ion Ratio Lower Upper

91 100

120 23.4 12.0 36.0

Manual Integrations
APPROVED

MMDadoda
6/16/2020 3:23:05 PM



#79

2-Chlorotoluene

Concen: 0.979 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016746.D

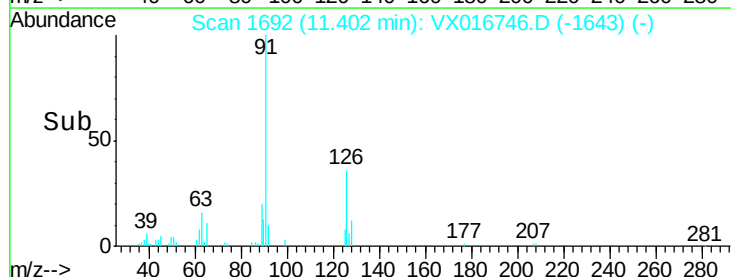
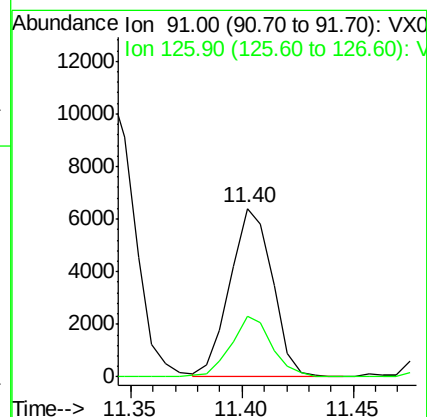
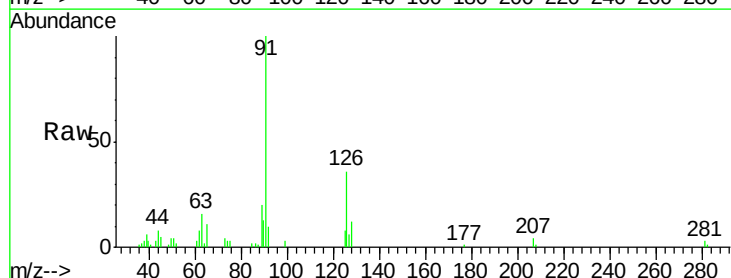
Acq: 15 Jun 2020 11:10

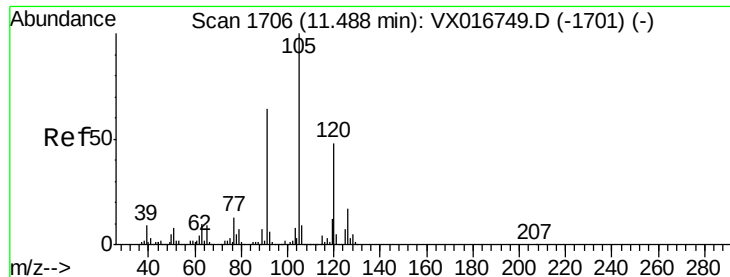
Tgt Ion: 91 Resp: 8494

Ion Ratio Lower Upper

91 100

126 34.4 17.2 51.5





#80

1,3,5-Trimethylbenzene

Concen: 0.904 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 9630

Ion Ratio Lower Upper

105 100

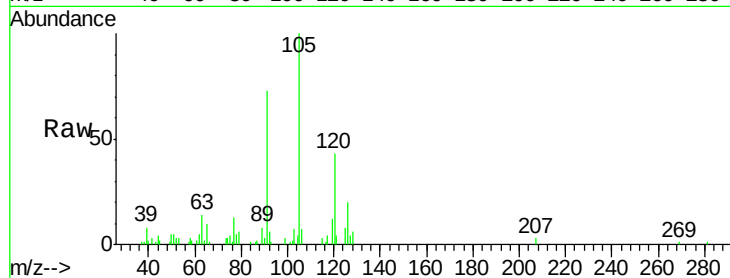
120 50.5 24.4 73.4

Manual Integrations

APPROVED

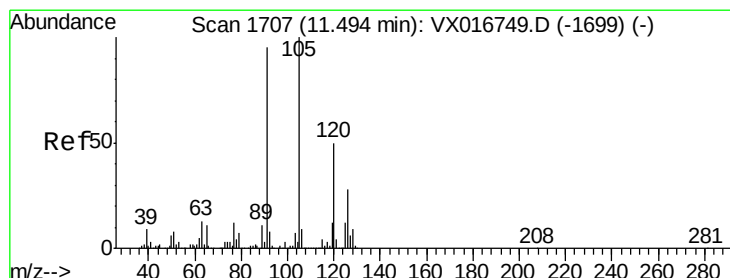
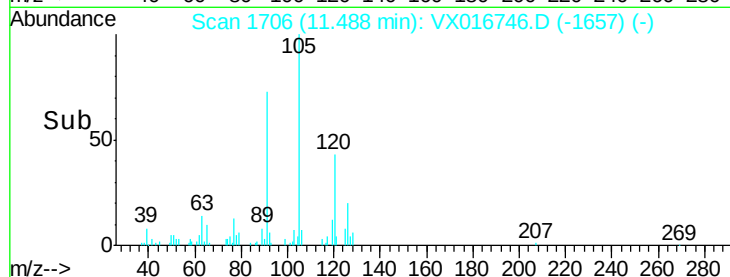
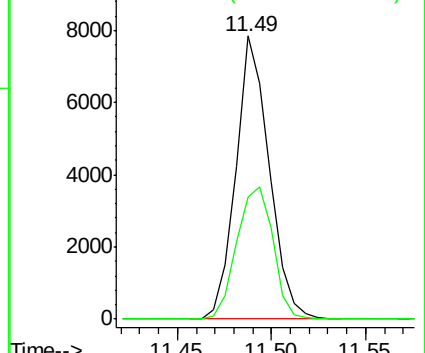
MMDadoda

6/16/2020 3:23:05 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#82

4-Chlorotoluene

Concen: 0.952 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016746.D

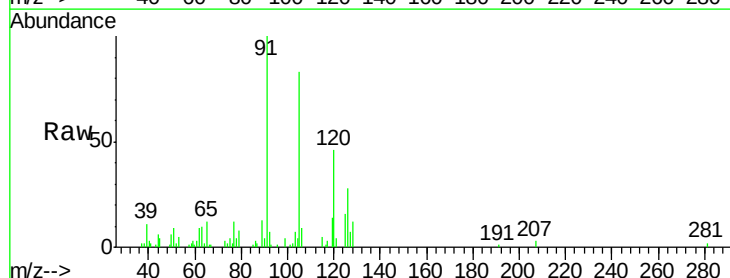
Acq: 15 Jun 2020 11:10

Tgt Ion: 91 Resp: 9727

Ion Ratio Lower Upper

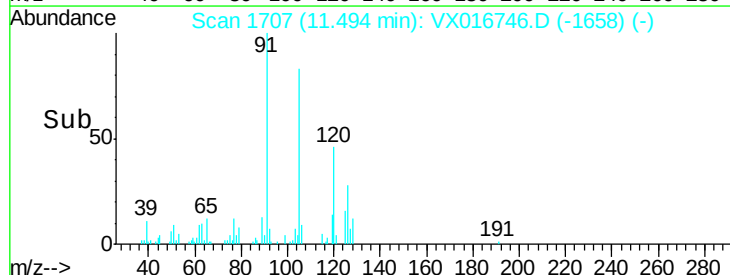
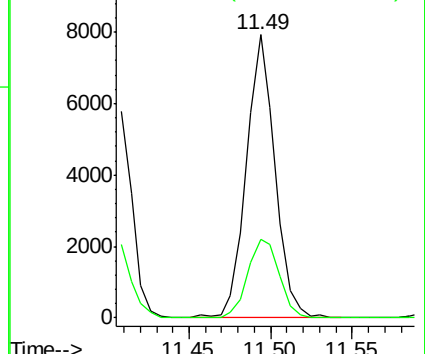
91 100

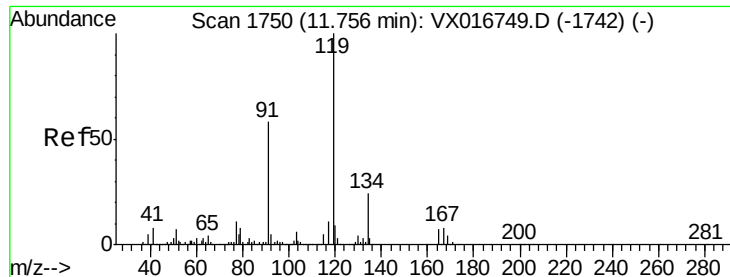
126 30.4 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





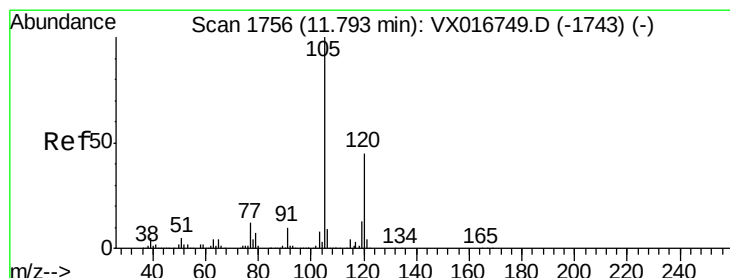
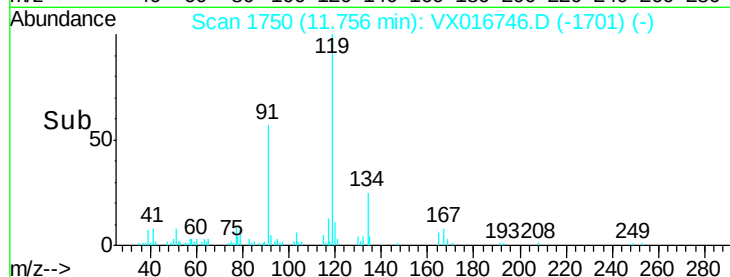
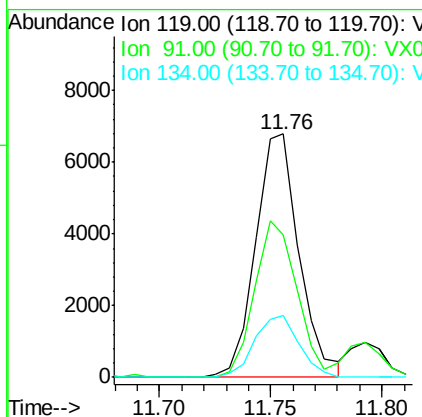
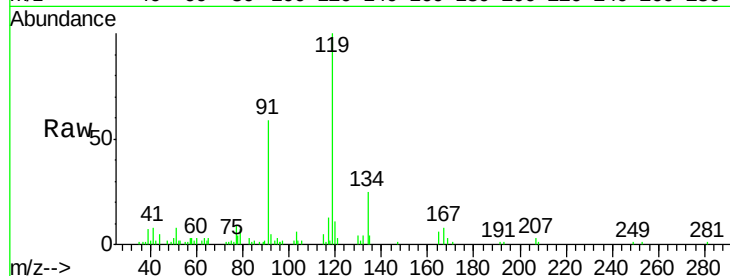
#83
 tert-Butylbenzene
 Concen: 1.007 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016746.D
 Acq: 15 Jun 2020 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.0	29.3	88.0
134	25.8	11.8	35.3

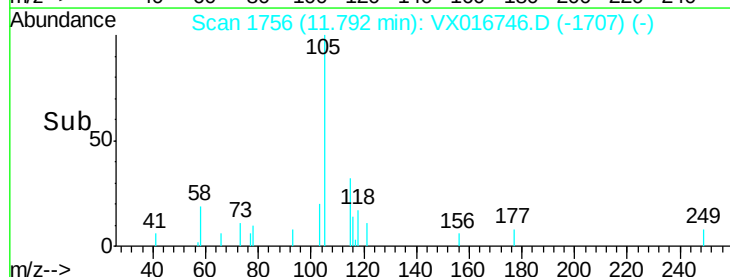
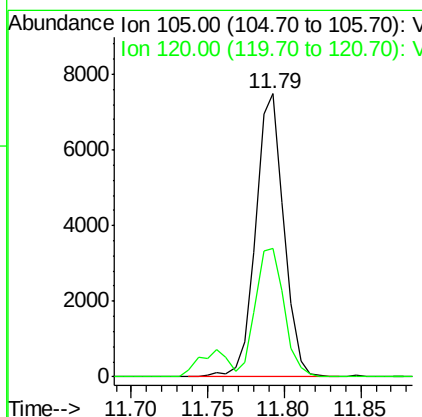
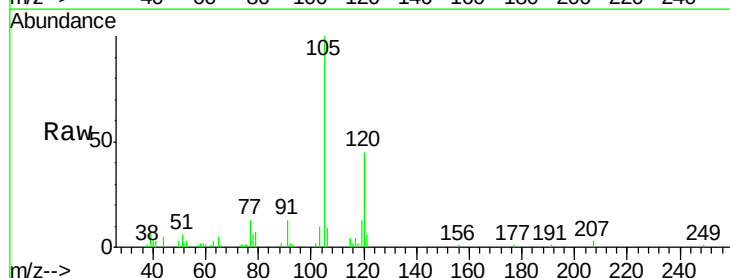
Manual Integrations
 APPROVED

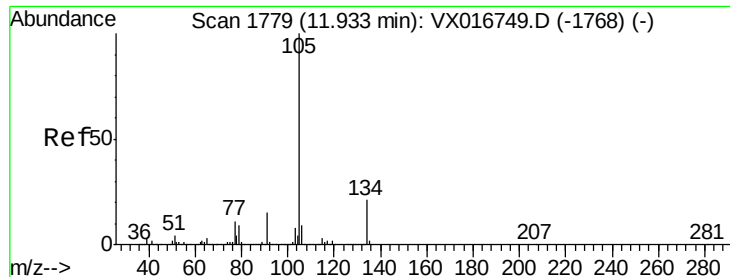
MMDadoda
 6/16/2020 3:23:05 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 0.894 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016746.D
 Acq: 15 Jun 2020 11:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	22.6	67.8





#85

sec-Butylbenzene

Concen: 0.961 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion:105 Resp: 11011

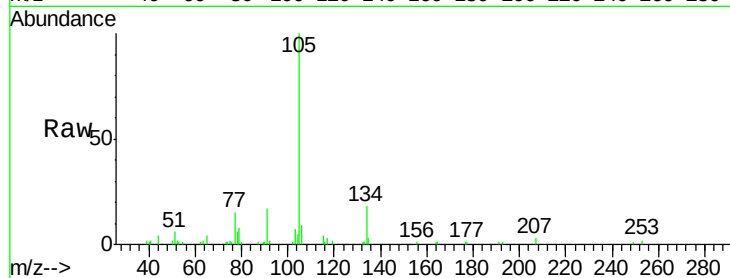
Ion Ratio Lower Upper

105 100

134 21.0 10.3 30.8

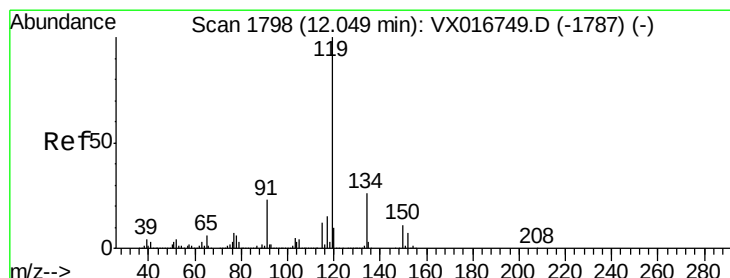
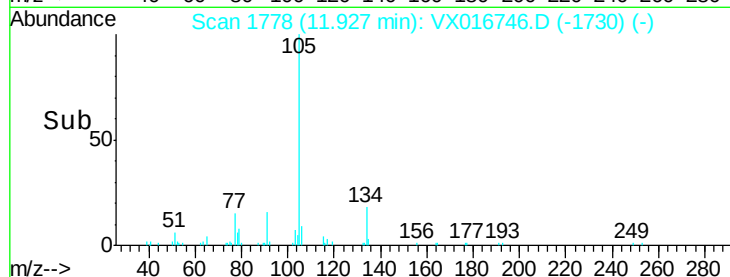
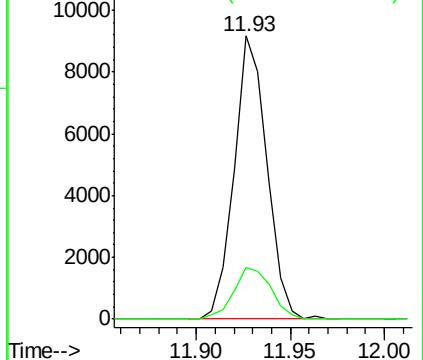
Manual Integrations
APPROVED

MMDadoda
6/16/2020 3:23:05 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.966 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

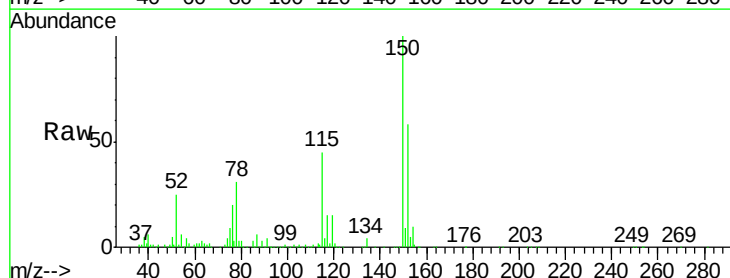
Tgt Ion:119 Resp: 10394

Ion Ratio Lower Upper

119 100

134 28.1 13.0 38.9

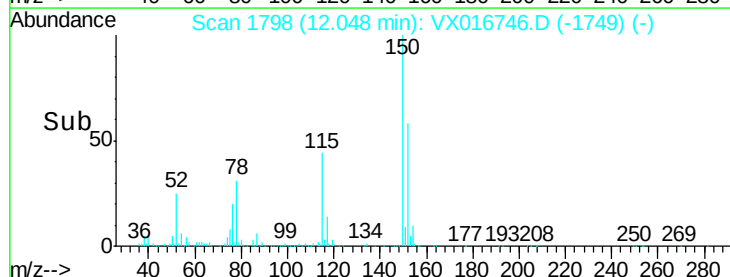
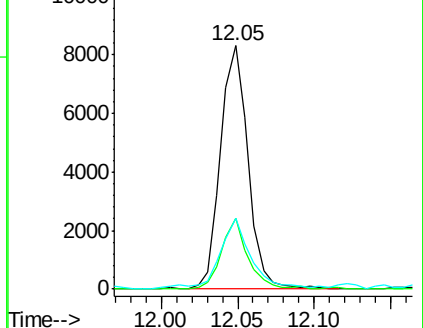
91 33.1 11.6 34.7

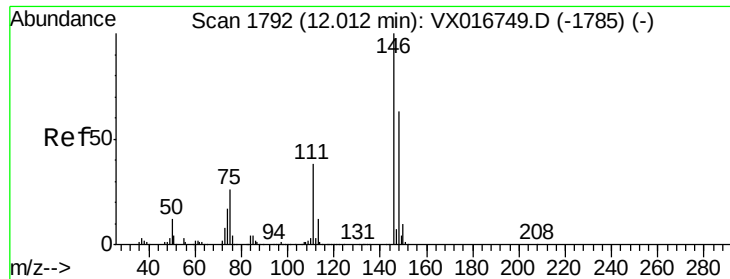


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





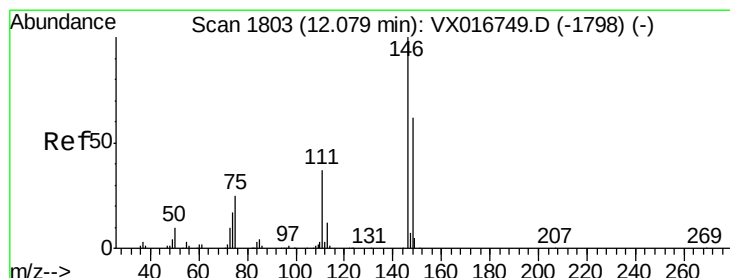
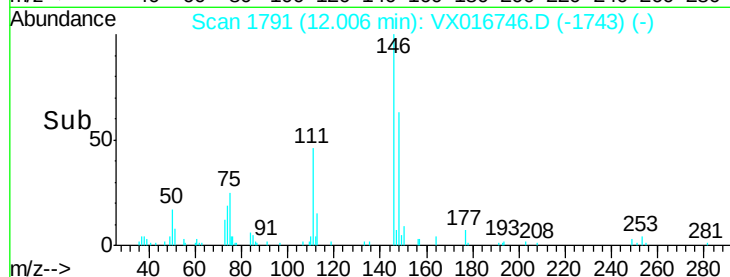
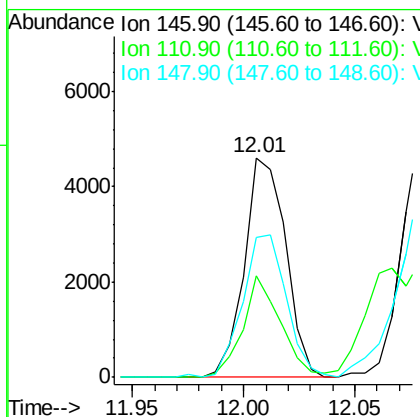
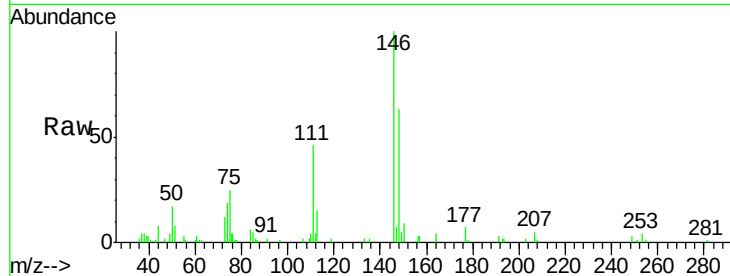
#87
 1,3-Dichlorobenzene
 Concen: 1.023 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX016746.D
 Acq: 15 Jun 2020 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	19.8	59.3
148	69.3	31.9	95.7

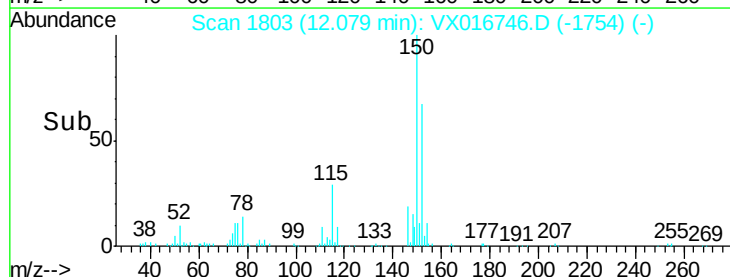
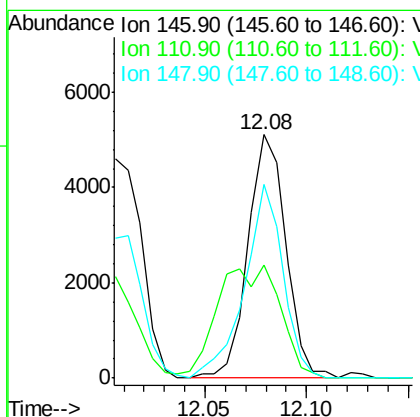
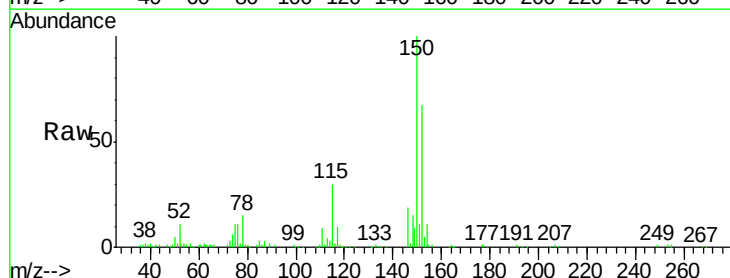
Manual Integrations
 APPROVED

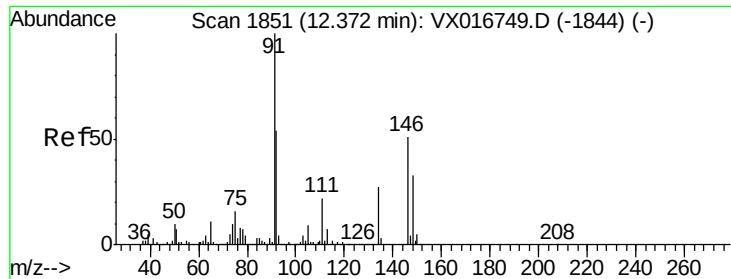
MMDadoda
 6/16/2020 3:23:05 PM



#88
 1,4-Dichlorobenzene
 Concen: 1.118 ug/l m
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016746.D
 Acq: 15 Jun 2020 11:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.3	57.8
148	62.1	32.1	96.5





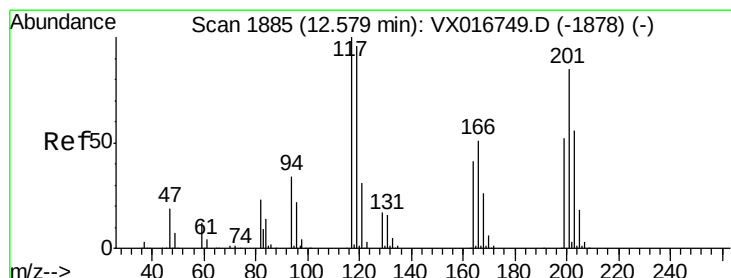
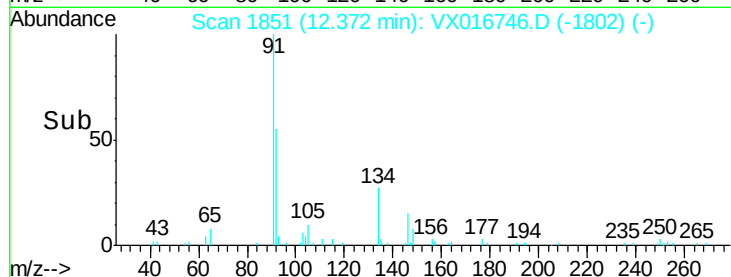
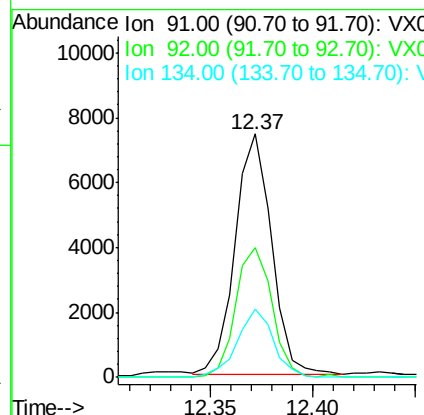
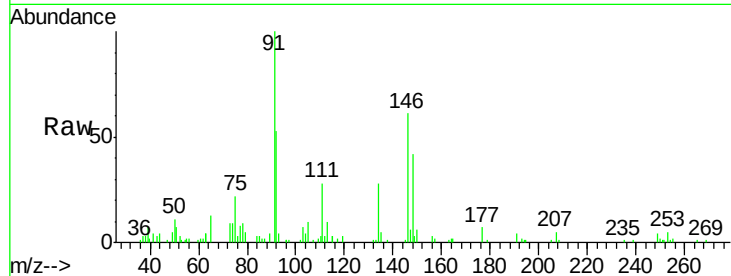
#89
n-Butylbenzene
Concen: 1.026 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.7	27.0	80.8
134	28.2	13.7	41.0

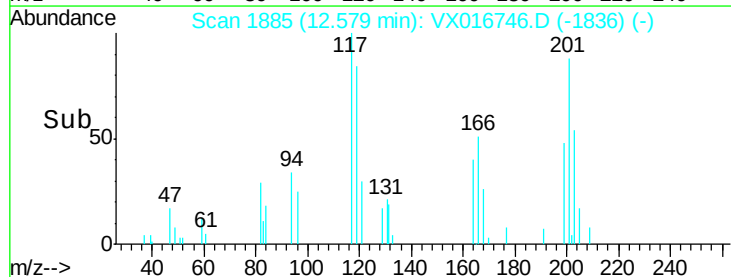
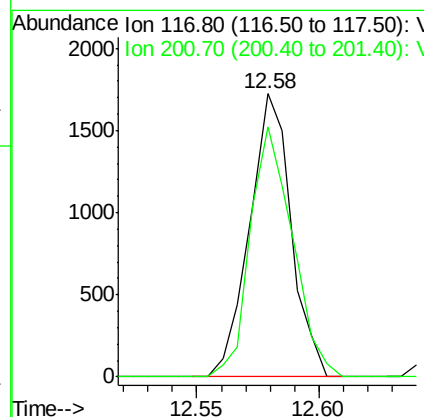
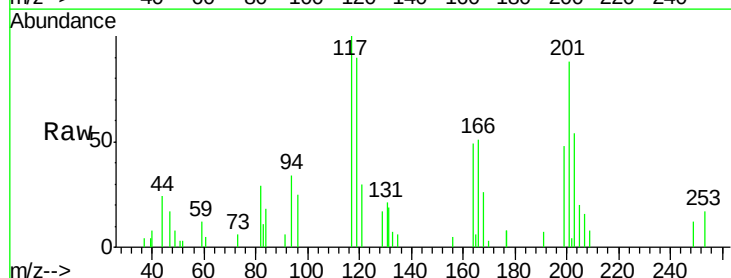
Manual Integrations
APPROVED

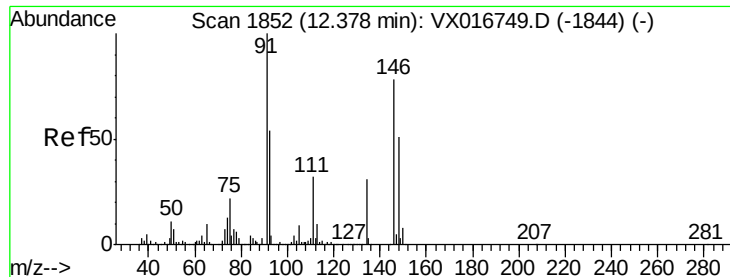
MMDadoda
6/16/2020 3:23:05 PM



#90
Hexachloroethane
Concen: 1.096 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.9	45.6	136.9





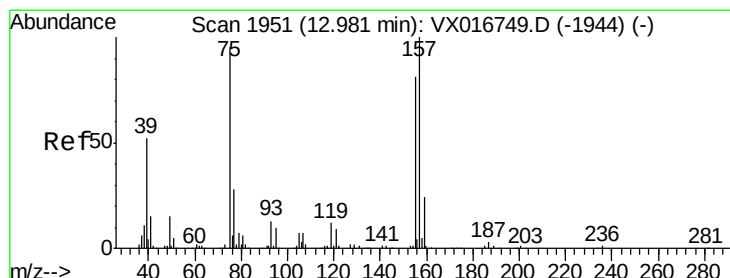
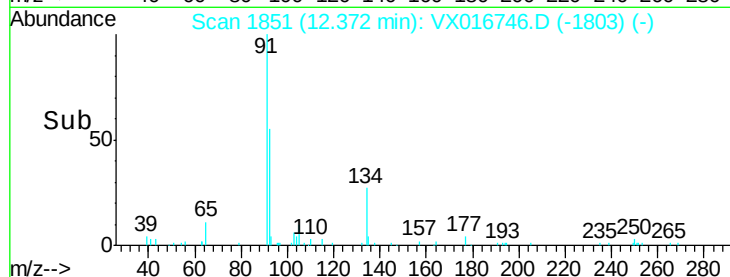
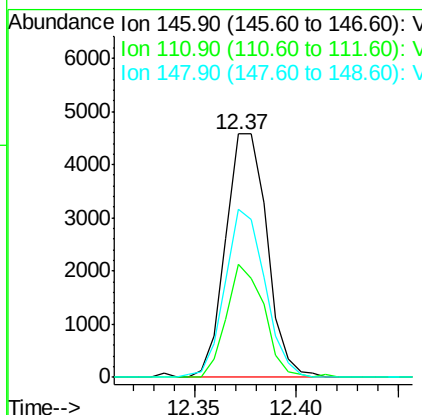
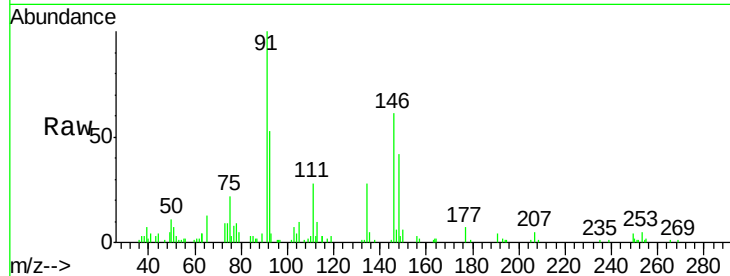
#91
 1,2-Dichlorobenzene
 Concen: 1.139 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX016746.D
 Acq: 15 Jun 2020 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.8	62.2
148	66.7	32.1	96.5

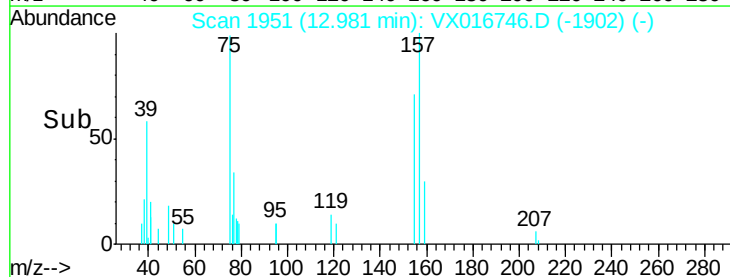
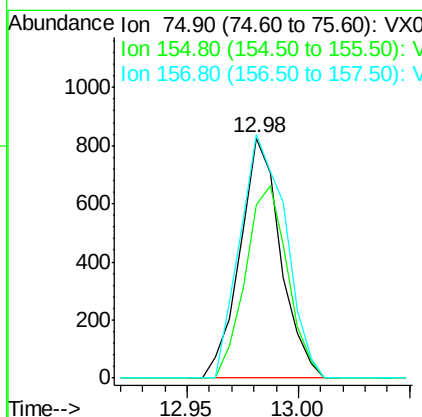
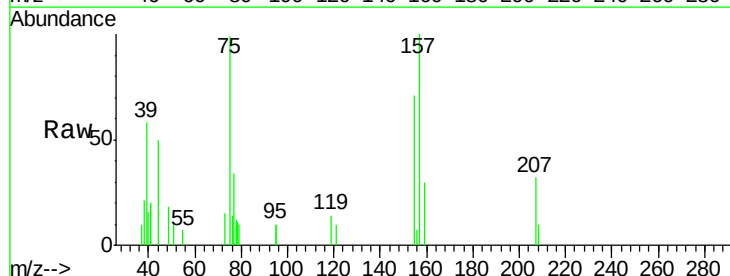
Manual Integrations
 APPROVED

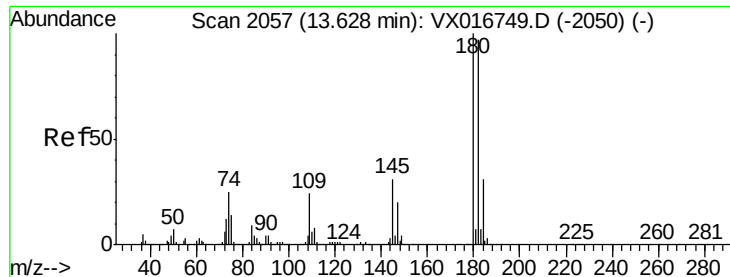
MMDadoda
 6/16/2020 3:23:05 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.021 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016746.D
 Acq: 15 Jun 2020 11:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.6	46.9	140.7
157	113.7	59.6	178.7





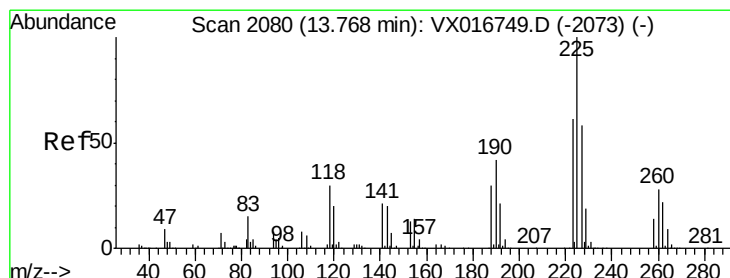
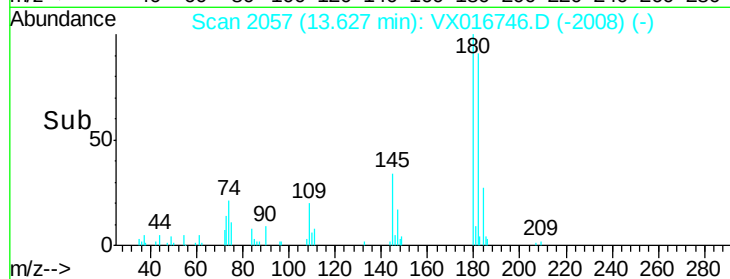
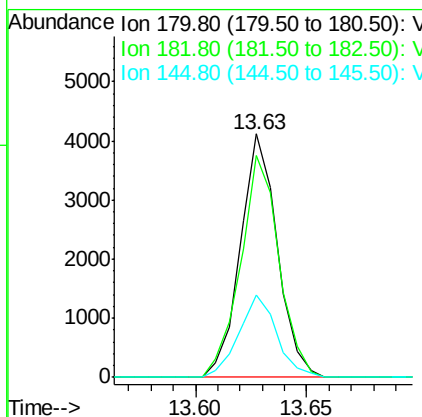
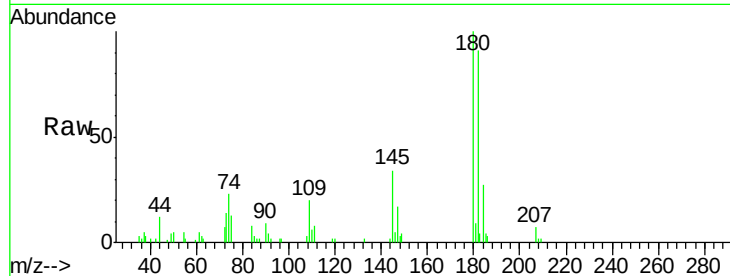
#93
 1,2,4-Trichlorobenzene
 Concen: 1.264 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016746.D
 Acq: 15 Jun 2020 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	48.6	145.8
145	34.7	15.4	46.4

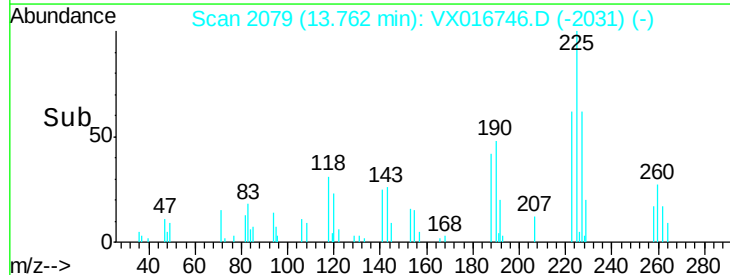
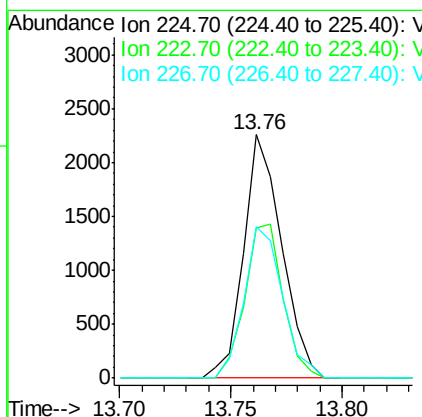
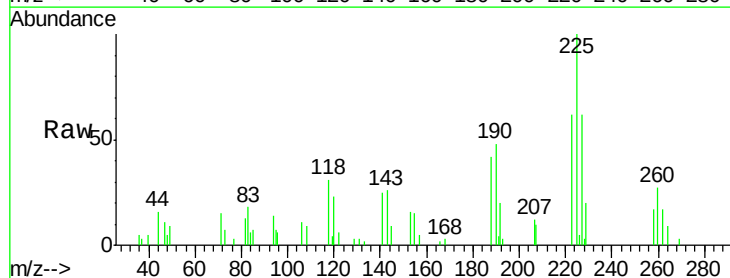
Manual Integrations
 APPROVED

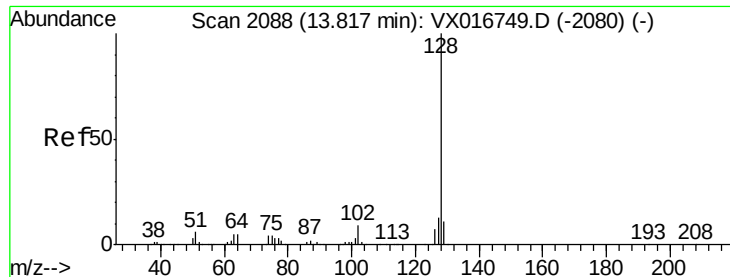
MMDadoda
 6/16/2020 3:23:05 PM



#94
 Hexachlorobutadiene
 Concen: 1.762 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016746.D
 Acq: 15 Jun 2020 11:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.1	93.5
227	62.8	30.9	92.7





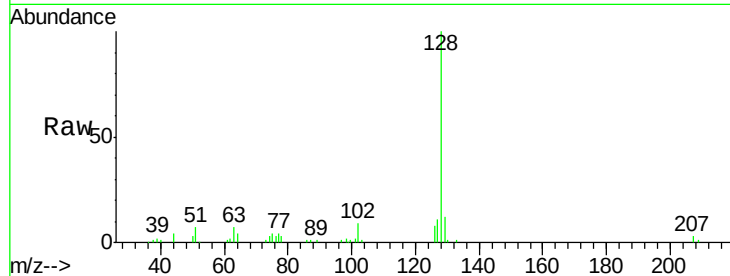
#95
Naphthalene
Concen: 0.976 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

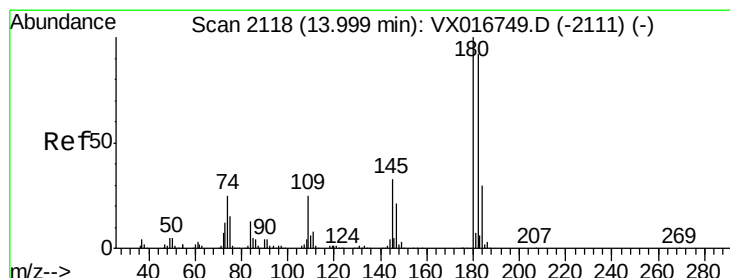
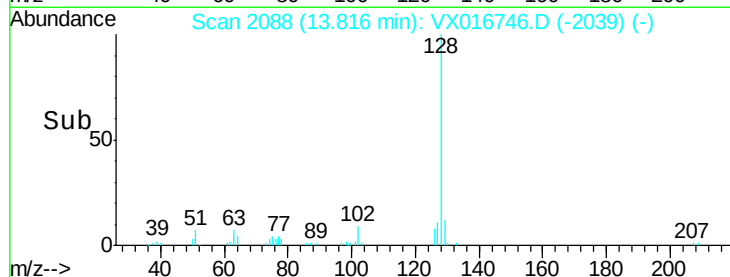
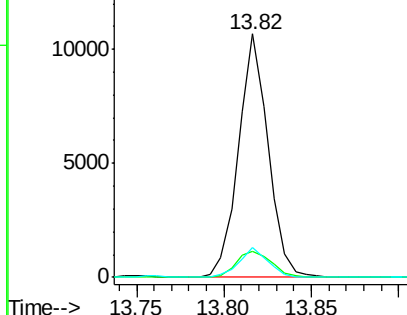
Tot Ion:	128	Resp:	12515
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.2	15.4
129	11.7	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/16/2020 3:23:05 PM

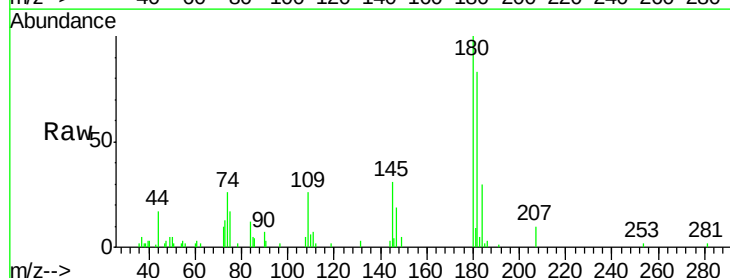


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 1.220 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Tgt Ion:	180	Resp:	4545
Ion Ratio	Lower	Upper	
180	100		
182	89.4	47.1	141.4
145	33.3	15.9	47.7



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

