

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120420\
 Data File : VX019710.D
 Acq On : 04 Dec 2020 10:49
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 12/7/2020 10:56:08 AM

Quant Time: Dec 04 13:38:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 13:12:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	352763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	566951	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	511277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	235452	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	Range	61 - 141	Recovery	=	0.00%#
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.00%#
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.00%#
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.00%#

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	3075	0.892 ug/l	96
3) Chloromethane	1.31	50	4504	0.951 ug/l	96
4) Vinyl Chloride	1.39	62	3827	0.898 ug/l	92
6) Chloroethane	1.71	64	2583	0.476 ug/l	99
7) Trichlorofluoromethane	1.92	101	5620	0.954 ug/l	97
8) Diethyl Ether	2.17	74	2551	1.030 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	3144	0.900 ug/l	99
12) 1,1-Dichloroethene	2.36	96	3163	0.903 ug/l	88
14) Allyl chloride	2.71	41	5604	0.995 ug/l	94
15) Acrylonitrile	3.11	53	10357	4.780 ug/l	99
16) Acetone	2.42	43	9683	5.142 ug/l	98
17) Carbon Disulfide	2.55	76	10236	1.077 ug/l	100
18) Methyl Acetate	2.75	43	4320	0.913 ug/l	97
19) Methyl tert-butyl Ether	3.17	73	11162	0.904 ug/l	98
20) Methylene Chloride	2.83	84	6298	1.309 ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	3742	0.945 ug/l	98
22) Diisopropyl ether	3.82	45	10413	0.893 ug/l	96
23) Vinyl Acetate	3.78	43	42900	4.369 ug/l	99
24) 1,1-Dichloroethane	3.67	63	6574	0.930 ug/l	96
25) 2-Butanone	4.63	43	13224	4.751 ug/l	95
26) 2,2-Dichloropropane	4.55	77	5519	0.936 ug/l	100
27) cis-1,2-Dichloroethene	4.55	96	4562	0.989 ug/l	93
28) Bromochloromethane	4.97	49	3331	1.034 ug/l #	94
29) Tetrahydrofuran	5.09	42	8543	4.800 ug/l	98
30) Chloroform	5.16	83	6830	0.941 ug/l #	82
32) 1,1,1-Trichloroethane	5.45	97	5708	0.921 ug/l #	50
36) 1,1-Dichloropropene	5.76	75	5152	0.983 ug/l	96
37) Ethyl Acetate	4.78	43	5174	0.986 ug/l	96
38) Carbon Tetrachloride	5.75	117	4942	0.949 ug/l	89
39) Methylcyclohexane	7.44	83	5653	0.918 ug/l	98
40) Benzene	6.10	78	15704	0.961 ug/l	91
41) Methacrylonitrile	5.00	41	2999	1.032 ug/l	96
42) 1,2-Dichloroethane	6.15	62	5264	0.937 ug/l	99
43) Isopropyl Acetate	6.40	43	8333	0.959 ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120420\
 Data File : VX019710.D
 Acq On : 04 Dec 2020 10:49
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 12/7/2020 10:56:08 AM

Quant Time: Dec 04 13:38:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 13:12:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.18	130	4114	0.964	ug/l	96
45) 1,2-Dichloropropane	7.48	63	3843	0.935	ug/l	95
46) Dibromomethane	7.63	93	2546	0.923	ug/l	97
47) Bromodichloromethane	7.87	83	4989	0.913	ug/l	88
48) Methyl methacrylate	7.74	41	3877	0.903	ug/l	95
49) 1,4-Dioxane	7.71	88	1917	19.414	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	23017	4.335	ug/l	99
52) Toluene	8.76	92	9358	0.920	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	4884	0.815	ug/l	93
54) cis-1,3-Dichloropropene	8.42	75	5562	0.849	ug/l	95
55) 1,1,2-Trichloroethane	9.19	97	3674	0.893	ug/l	95
56) Ethyl methacrylate	9.15	69	5000	0.809	ug/l	95
57) 1,3-Dichloropropane	9.35	76	6593	0.947	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	14537	4.488	ug/l	99
59) 2-Hexanone	9.47	43	17177	4.277	ug/l	95
60) Dibromochloromethane	9.56	129	3222	0.762	ug/l	95
61) 1,2-Dibromoethane	9.65	107	4058	0.939	ug/l	93
64) Tetrachloroethene	9.32	164	3615	1.024	ug/l	89
65) Chlorobenzene	10.12	112	10289	0.971	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	3344	0.868	ug/l #	65
67) Ethyl Benzene	10.23	91	17152	0.917	ug/l	99
68) m/p-Xylenes	10.34	106	12599	1.802	ug/l	98
69) o-Xylene	10.68	106	5919	0.872	ug/l	95
70) Styrene	10.70	104	9263	0.814	ug/l	97
71) Bromoform	10.84	173	2214	0.743	ug/l #	92
73) Isopropylbenzene	11.00	105	15267	0.931	ug/l	100
74) N-amyl acetate	10.88	43	5865	0.891	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	5730	0.965	ug/l	96
76) 1,2,3-Trichloropropane	11.28	75	5380m	0.997	ug/l	
77) Bromobenzene	11.24	156	4152	0.977	ug/l	98
78) n-propylbenzene	11.34	91	17087	0.904	ug/l	99
79) 2-Chlorotoluene	11.40	91	11259	0.979	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	12272	0.885	ug/l	98
82) 4-Chlorotoluene	11.49	91	13086	0.976	ug/l	96
83) tert-Butylbenzene	11.75	119	12483	0.909	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	12280	0.876	ug/l	100
85) sec-Butylbenzene	11.93	105	13834	0.887	ug/l	100
86) p-Isopropyltoluene	12.05	119	12210	0.849	ug/l	90
87) 1,3-Dichlorobenzene	12.01	146	7873	1.018	ug/l	95
88) 1,4-Dichlorobenzene	12.08	146	8230m	1.042	ug/l	
89) n-Butylbenzene	12.37	91	11216	0.890	ug/l	98
90) Hexachloroethane	12.58	117	2143	0.876	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	7594	1.003	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1176	0.938	ug/l	92
93) 1,2,4-Trichlorobenzene	13.63	180	4660	0.950	ug/l	96
94) Hexachlorobutadiene	13.76	225	2594	1.246	ug/l	98
95) Naphthalene	13.82	128	14167	0.890	ug/l	98
96) 1,2,3-Trichlorobenzene	14.00	180	4544	0.934	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120420\
Data File : VX019710.D
Acq On : 04 Dec 2020 10:49
Operator : JC/MD
Sample : VSTDICC001
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

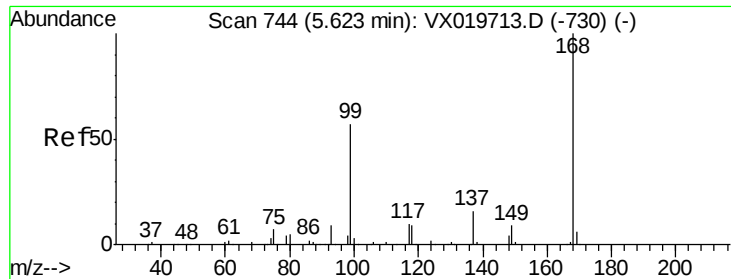
Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:56:08 AM

Quant Time: Dec 04 13:38:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 13:12:41 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. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 352763

Ion Ratio Lower Upper

168 100

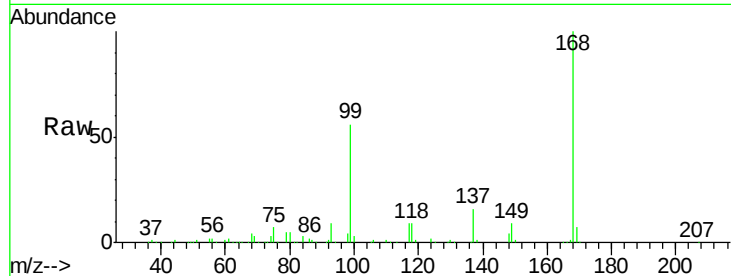
99 56.2 45.8 68.6

Manual Integrations

APPROVED

MMDadoda

12/7/2020 10:56:08 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

150000

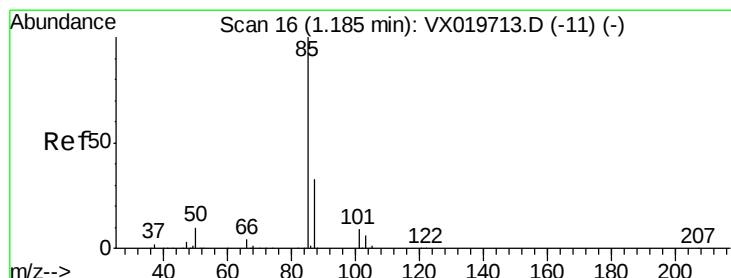
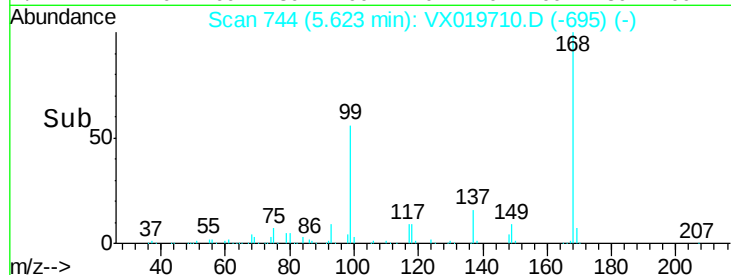
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.892 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019710.D

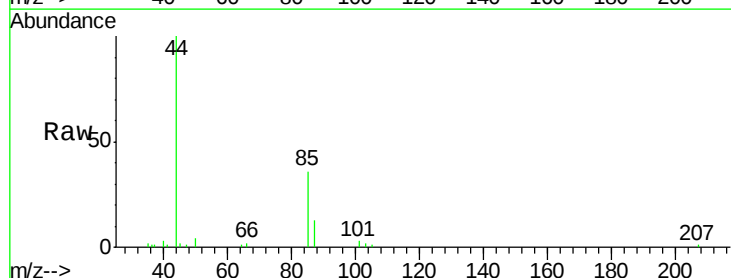
Acq: 04 Dec 2020 10:49

Tgt Ion: 85 Resp: 3075

Ion Ratio Lower Upper

85 100

87 35.1 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

4000

3000

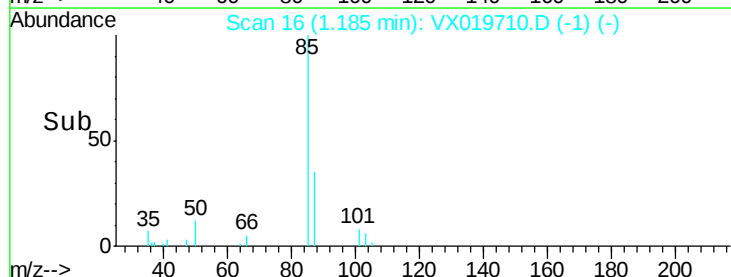
2000

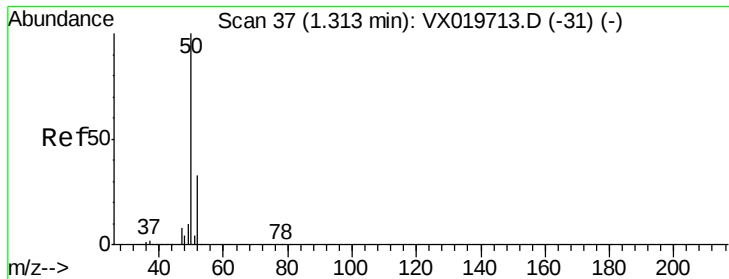
1000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 0.951 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 4504

Ion Ratio Lower Upper

50 100

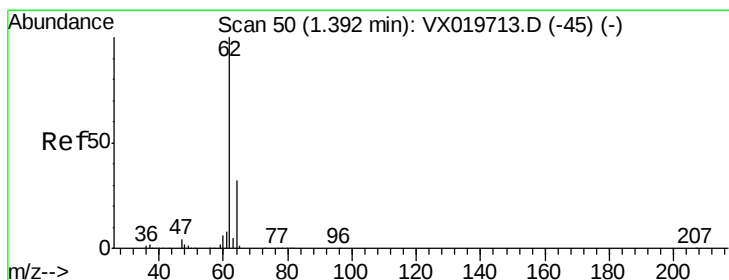
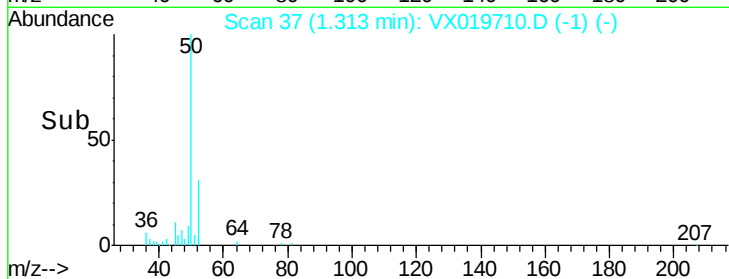
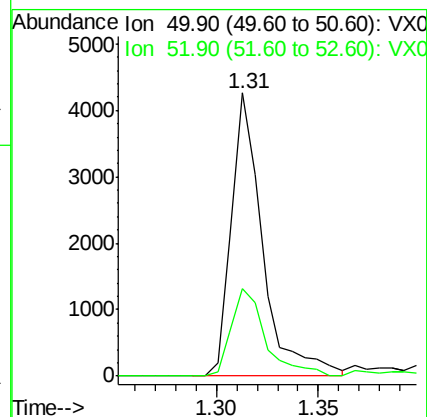
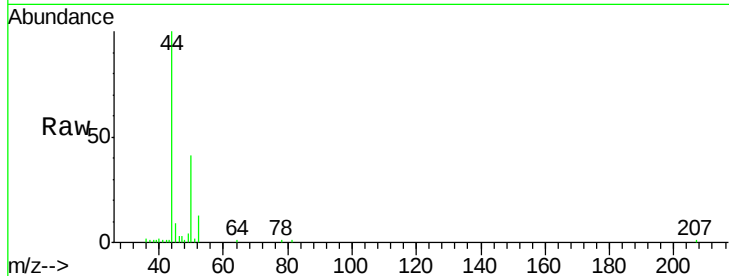
52 30.7 26.4 39.6

Manual Integrations

APPROVED

MMDadoda

12/7/2020 10:56:08 AM



#4

Vinyl Chloride

Concen: 0.898 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019710.D

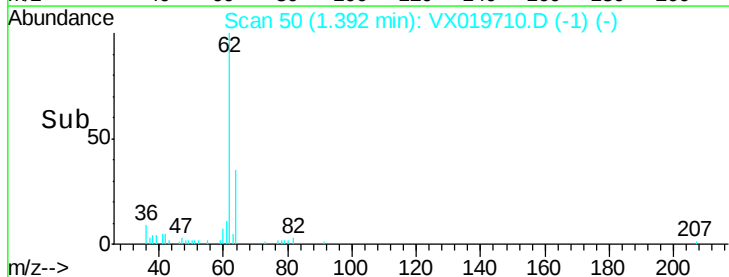
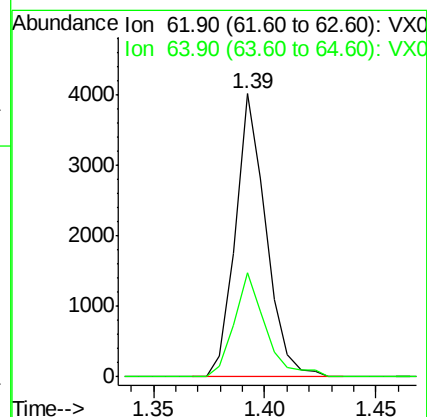
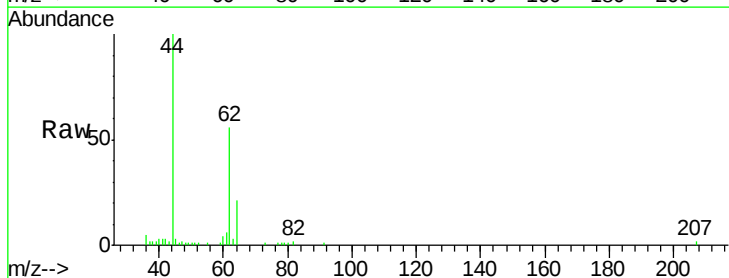
Acq: 04 Dec 2020 10:49

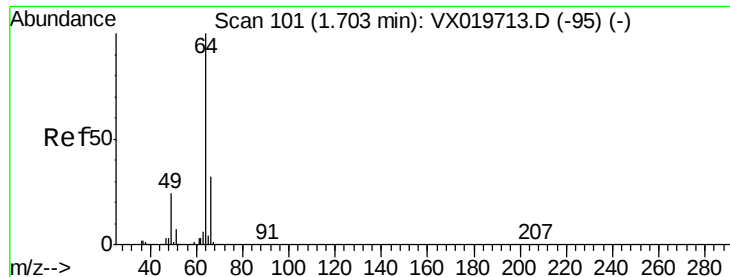
Tgt Ion: 62 Resp: 3827

Ion Ratio Lower Upper

62 100

64 36.8 25.7 38.5





#6

Chloroethane

Concen: 0.476 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 2583

Ion Ratio Lower Upper

64 100

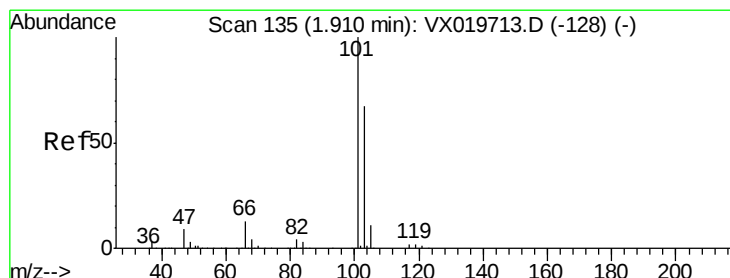
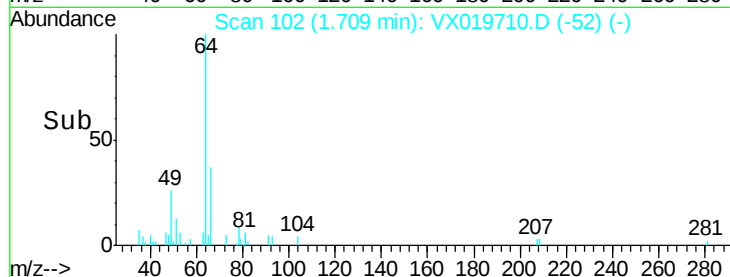
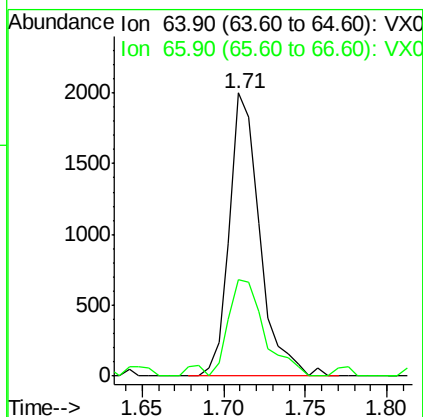
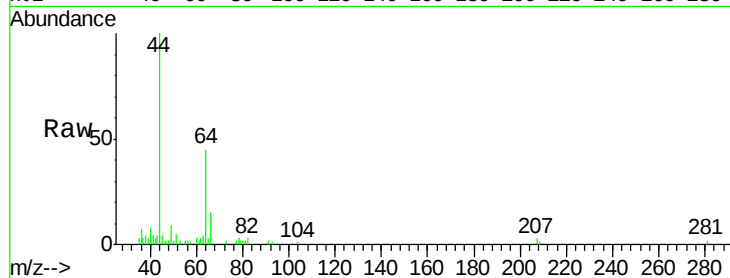
66 31.0 25.4 38.0

Manual Integrations

APPROVED

MMDadoda

12/7/2020 10:56:08 AM



#7

Trichlorofluoromethane

Concen: 0.954 ug/l

RT: 1.92 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX019710.D

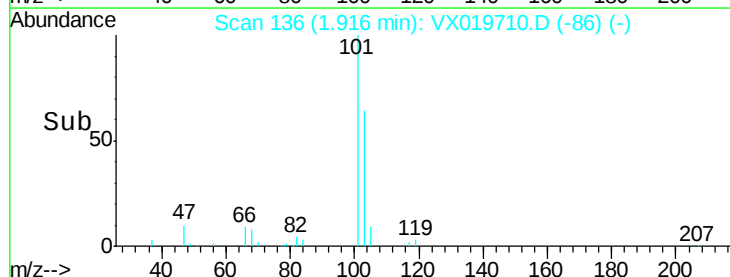
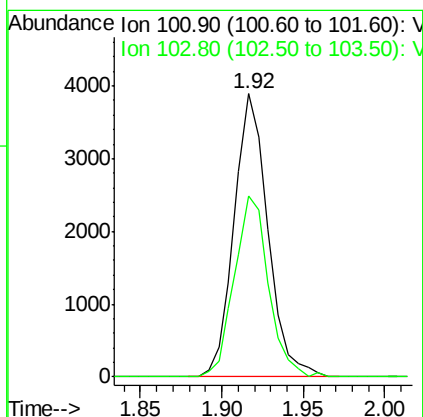
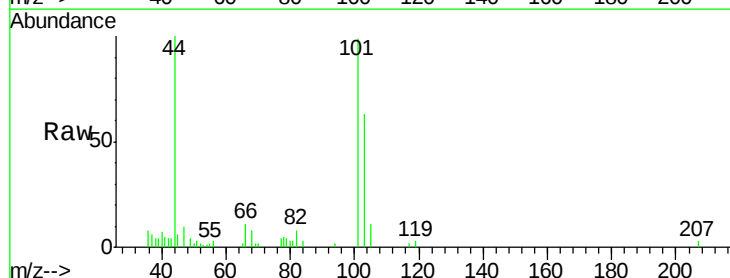
Acq: 04 Dec 2020 10:49

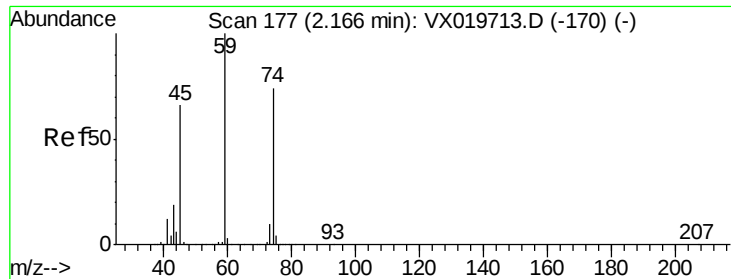
Tgt Ion: 101 Resp: 5620

Ion Ratio Lower Upper

101 100

103 63.8 53.2 79.8





#8

Diethyl Ether

Concen: 1.030 ug/l

RT: 2.17 min Scan# 177

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 2551

Ion Ratio Lower Upper

74 100

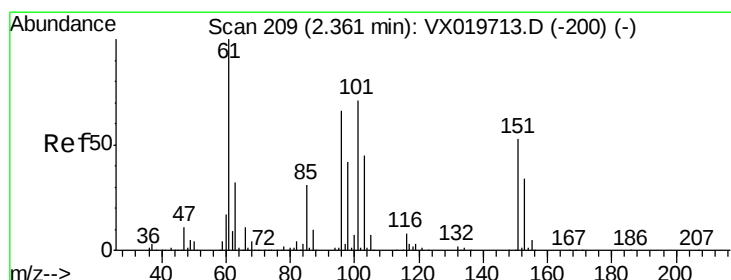
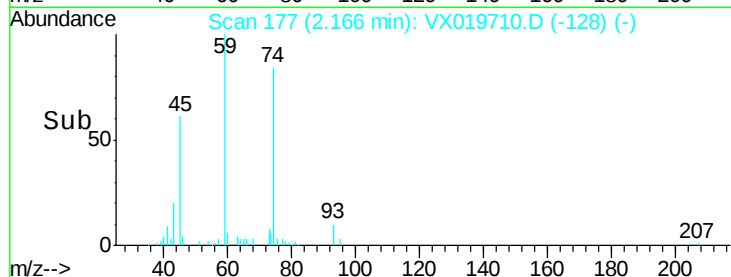
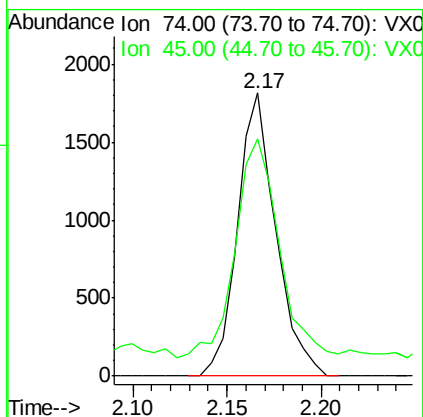
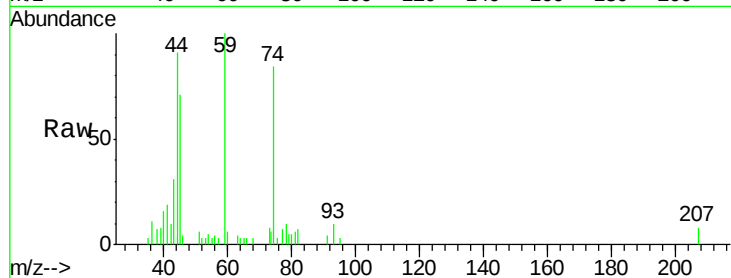
45 87.6 44.5 133.5

Manual Integrations

APPROVED

MMDadoda

12/7/2020 10:56:08 AM



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.900 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

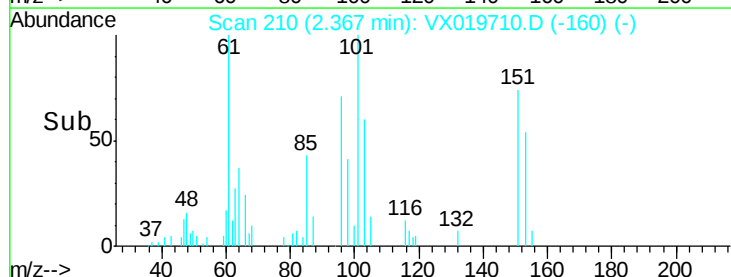
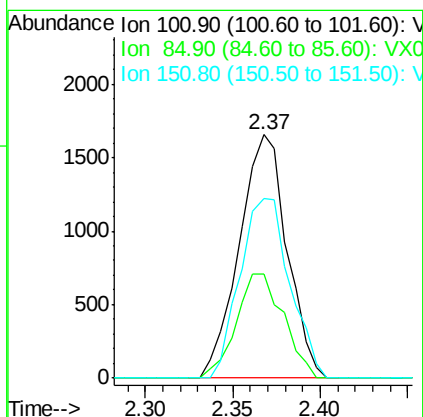
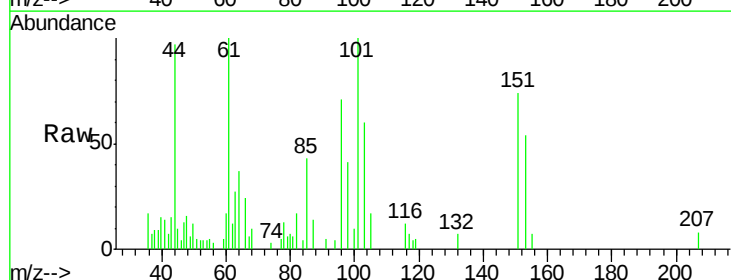
Tgt Ion: 101 Resp: 3144

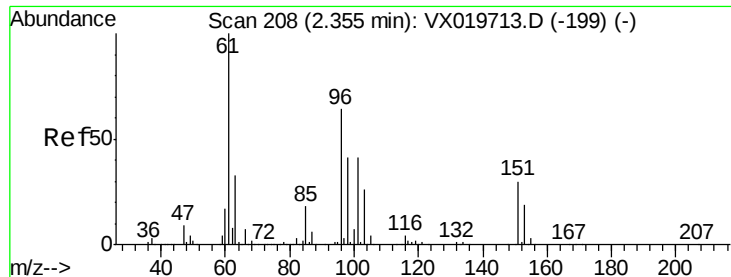
Ion Ratio Lower Upper

101 100

85 42.3 34.9 52.3

151 77.2 61.4 92.2





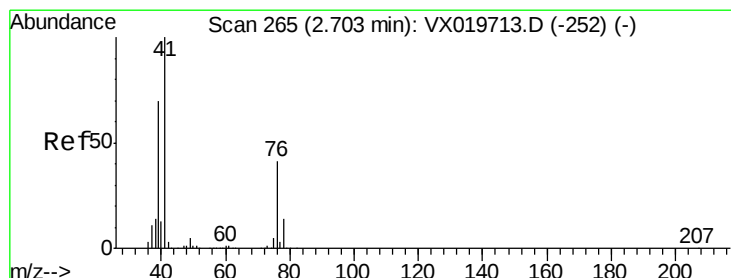
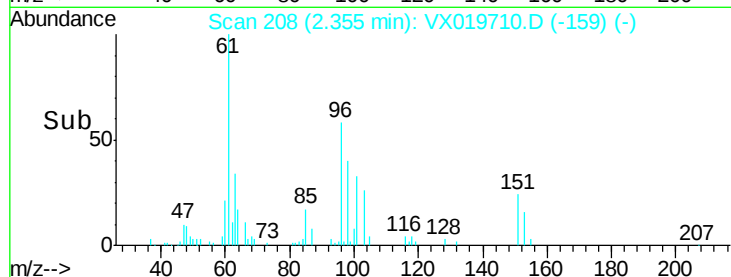
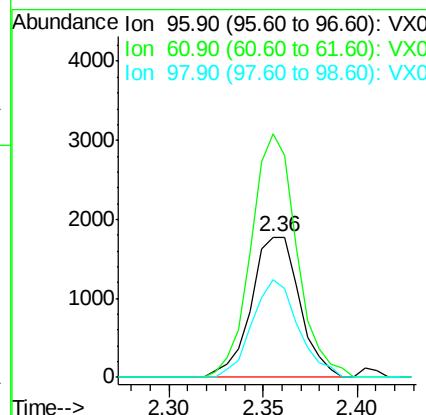
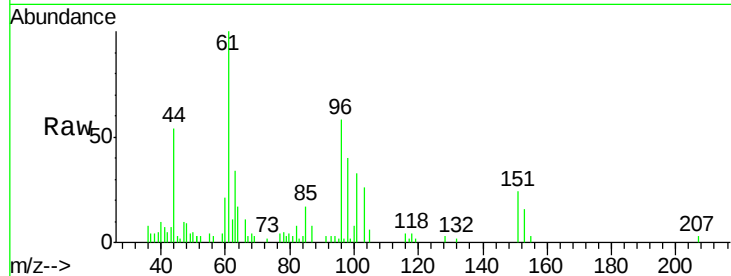
#12
1,1-Dichloroethene
Concen: 0.903 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	173.7	124.6	187.0
98	69.6	50.6	76.0

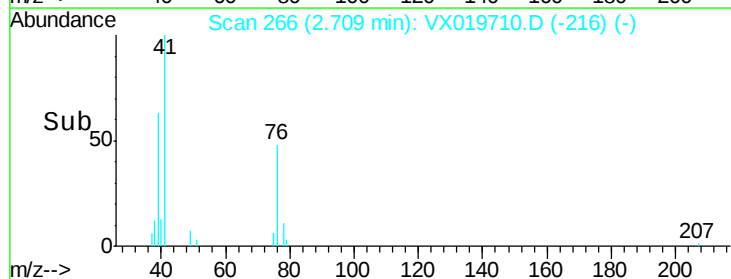
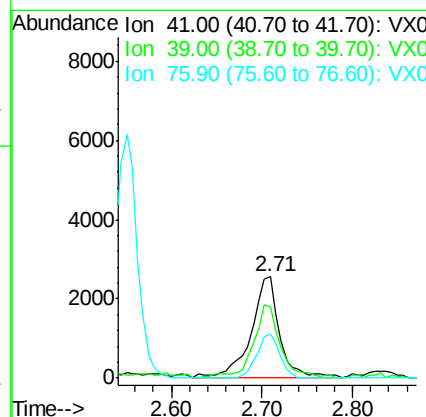
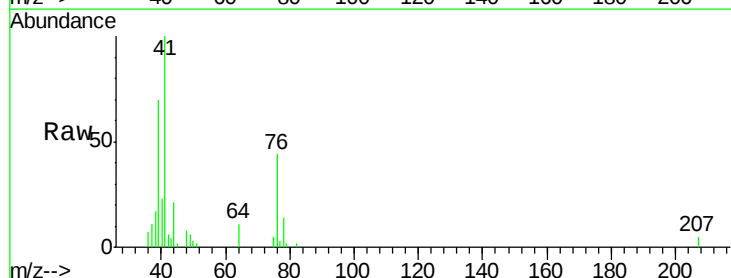
Manual Integrations
APPROVED

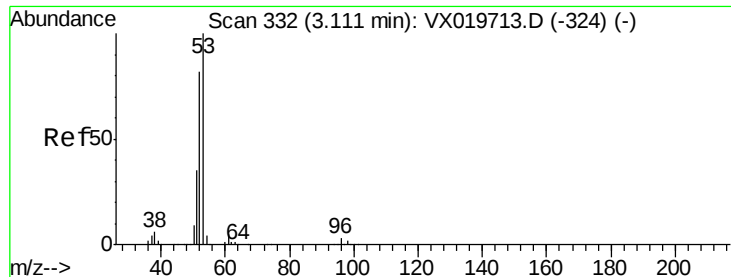
MMDadoda
12/7/2020 10:56:08 AM



#14
Allyl chloride
Concen: 0.995 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Tgt Ion	Ratio	Lower	Upper
41	100		
39	69.0	51.6	77.4
76	34.3	30.5	45.7





#15

Acrylonitrile

Concen: 4.780 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

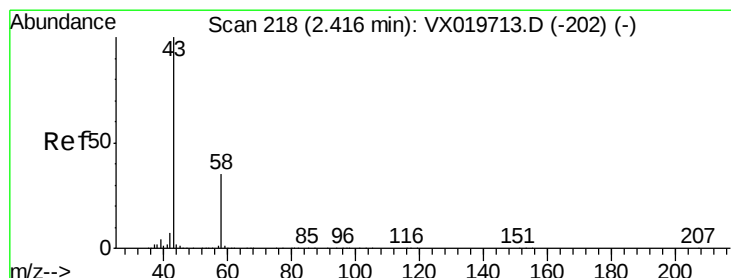
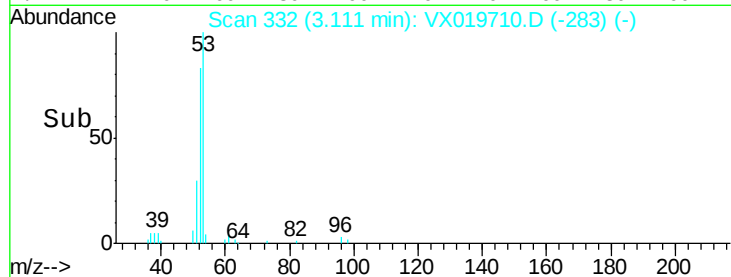
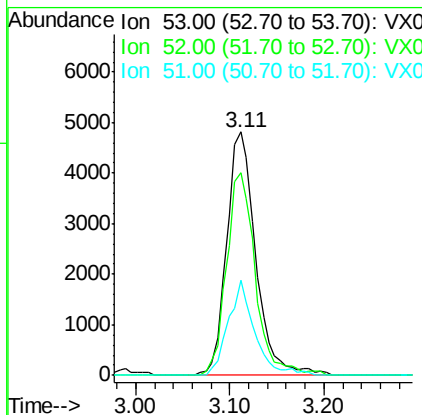
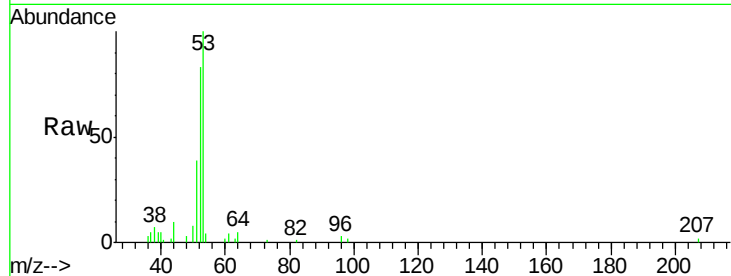
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	10357
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.3	97.9
51	35.6	28.2	42.2

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:56:08 AM



#16

Acetone

Concen: 5.142 ug/l

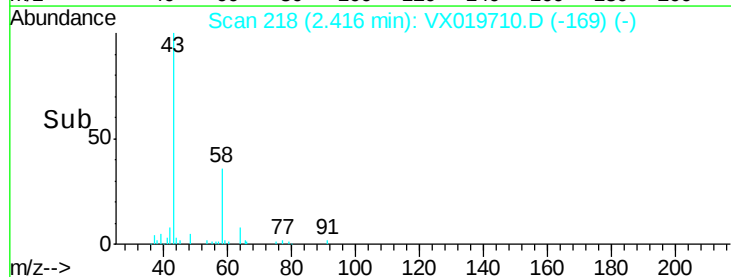
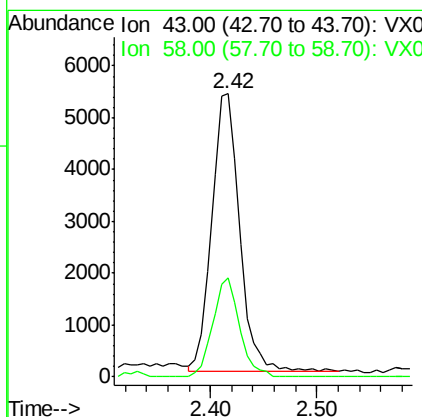
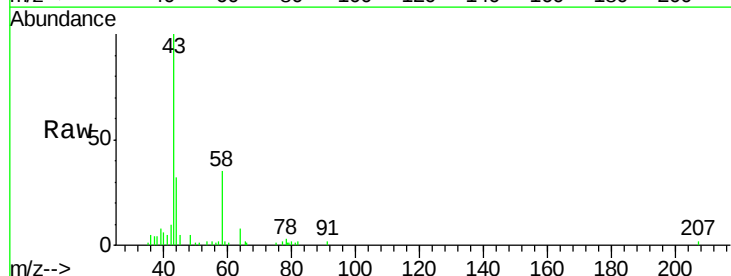
RT: 2.42 min Scan# 218

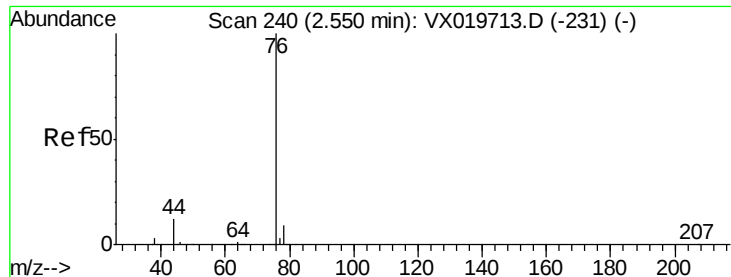
Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Tgt Ion:	43	Resp:	9683
Ion	Ratio	Lower	Upper
43	100		
58	35.7	27.8	41.8





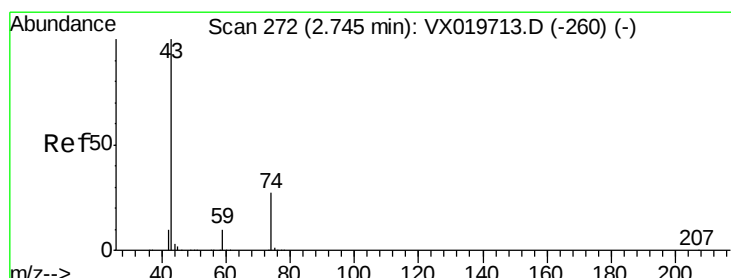
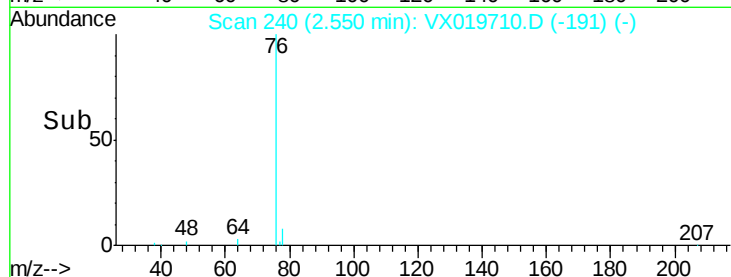
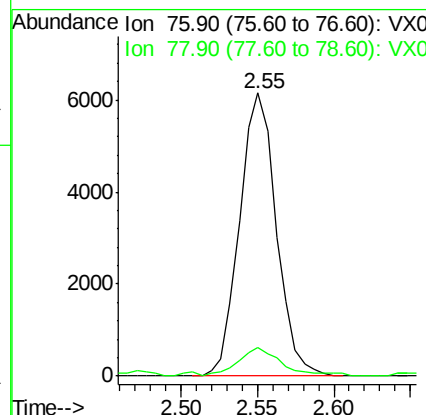
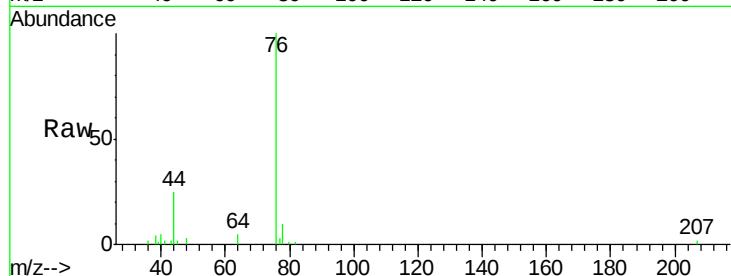
#17
Carbon Disulfide
Concen: 1.077 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.2	10.8

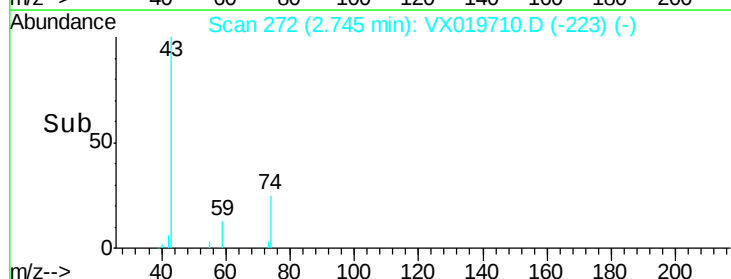
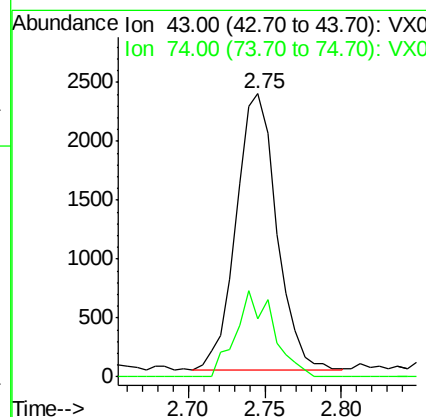
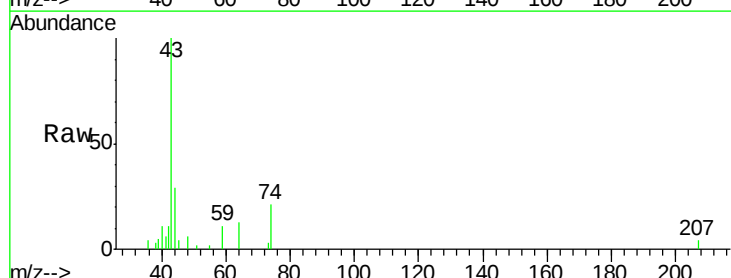
Manual Integrations
APPROVED

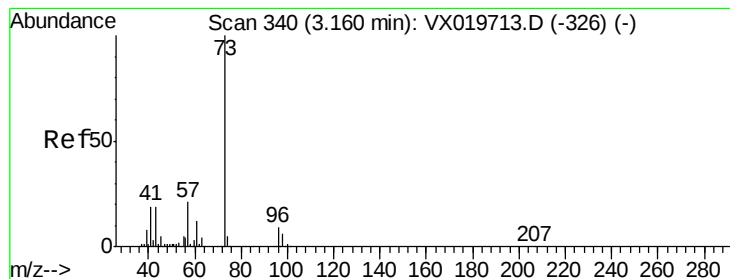
MMDadoda
12/7/2020 10:56:08 AM



#18
Methyl Acetate
Concen: 0.913 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Tgt Ion	Ratio	Lower	Upper
43	100		
74	28.9	21.9	32.9





#19

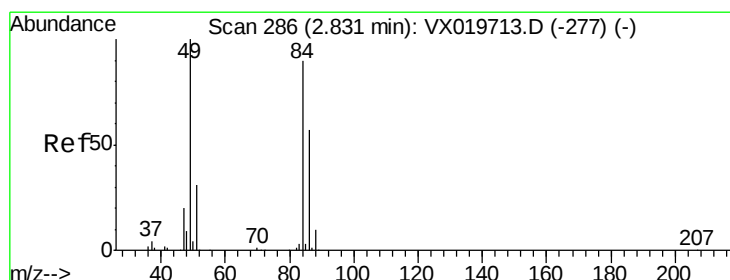
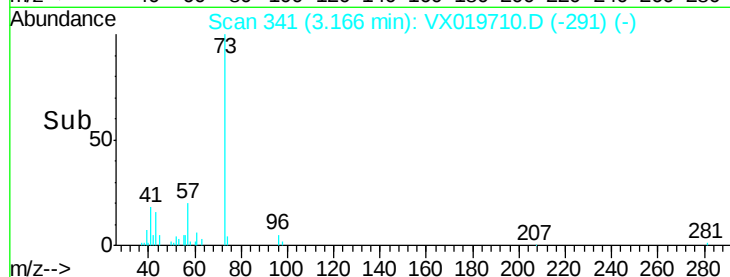
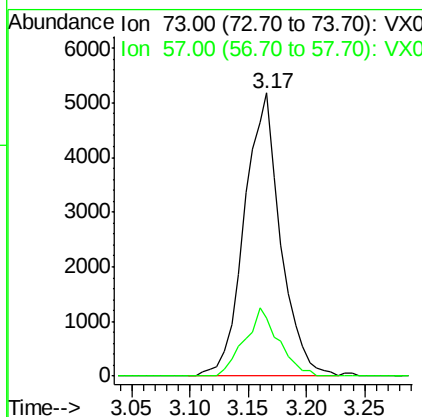
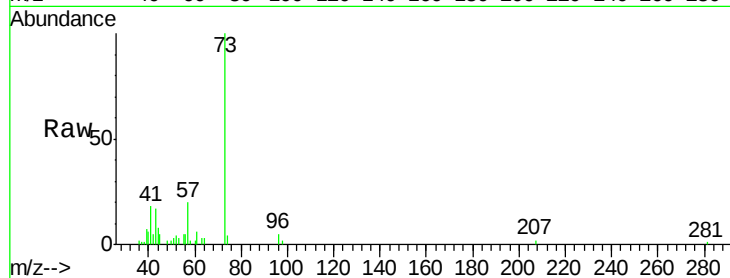
Methyl tert-butyl Ether
Concen: 0.904 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.01 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	73	Resp	11162
Ion Ratio	Lower	Upper	
73	100		
57	20.5	17.1	25.7

Manual Integrations
APPROVED

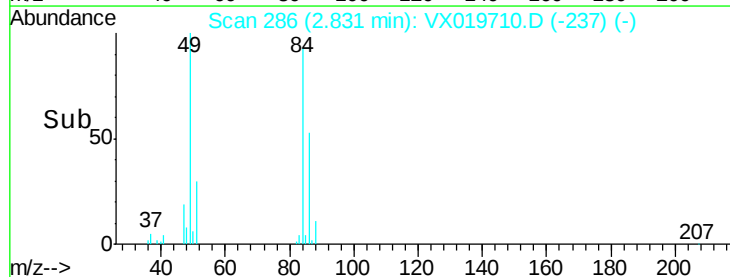
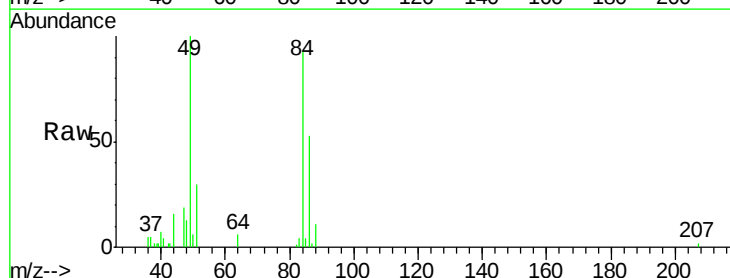
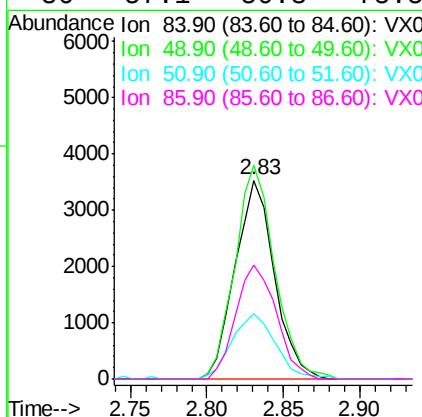
MMDadoda
12/7/2020 10:56:08 AM

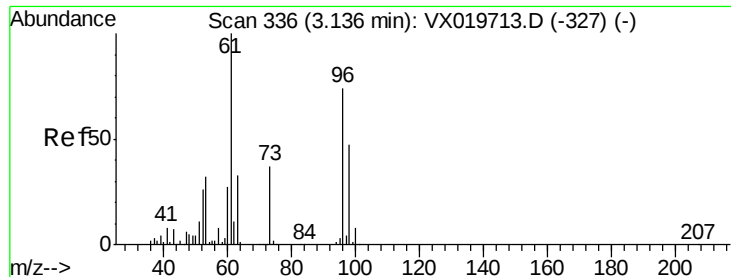


#20

Methylene Chloride
Concen: 1.309 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Tgt Ion	84	Resp	6298
Ion Ratio	Lower	Upper	
84	100		
49	107.6	88.6	132.8
51	32.7	27.0	40.6
86	57.1	50.3	75.5





#21

trans-1,2-Dichloroethene

Concen: 0.945 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

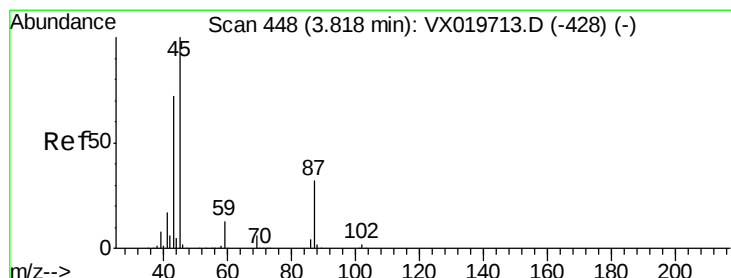
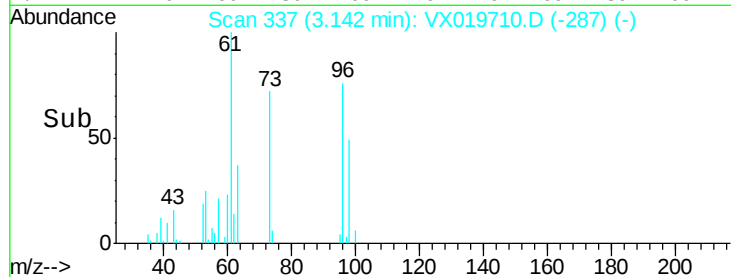
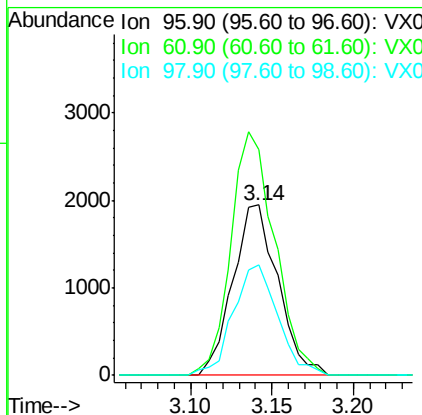
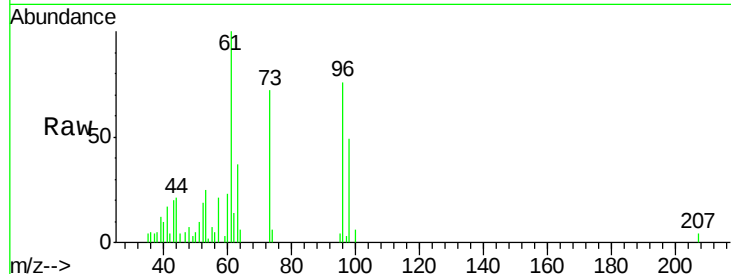
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	3742
Ion	Ratio	Lower	Upper
96	100		
61	132.4	107.7	161.5
98	64.9	50.4	75.6

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:56:08 AM



#22

Diisopropyl ether

Concen: 0.893 ug/l

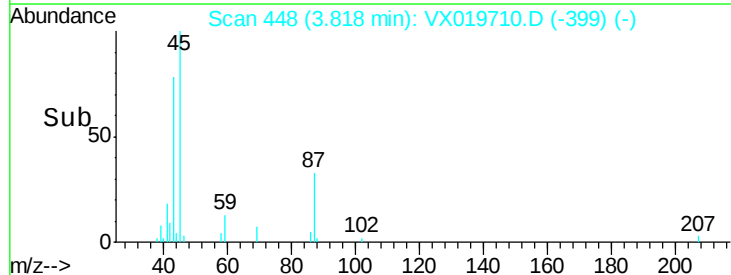
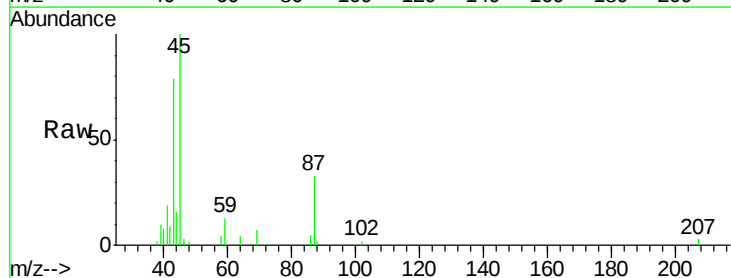
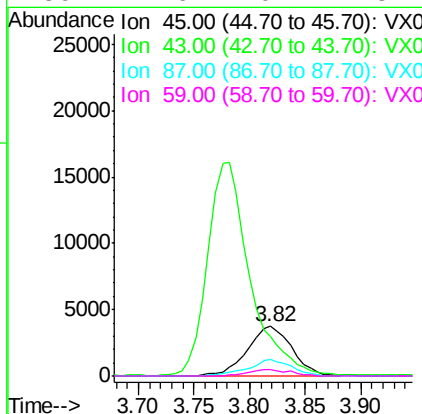
RT: 3.82 min Scan# 448

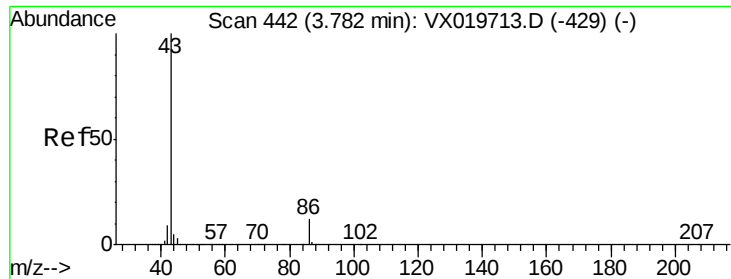
Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Tgt Ion:	45	Resp:	10413
Ion	Ratio	Lower	Upper
45	100		
43	76.7	58.0	87.0
87	33.3	25.4	38.0
59	12.6	10.2	15.2





#23

Vinyl Acetate

Concen: 4.369 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

Tot Ion: 43 Resp: 42900

Ion Ratio Lower Upper

43 100

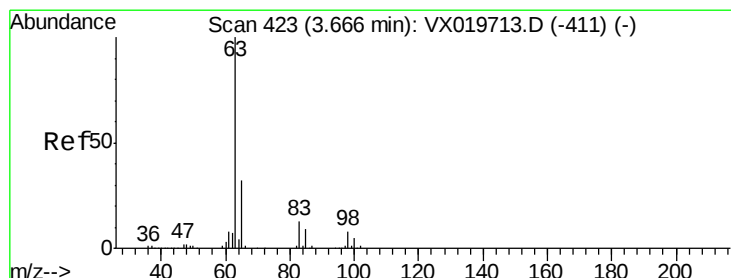
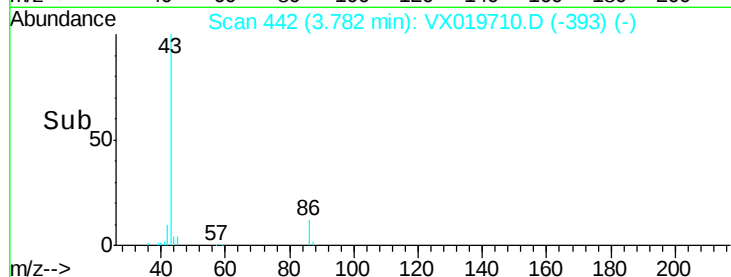
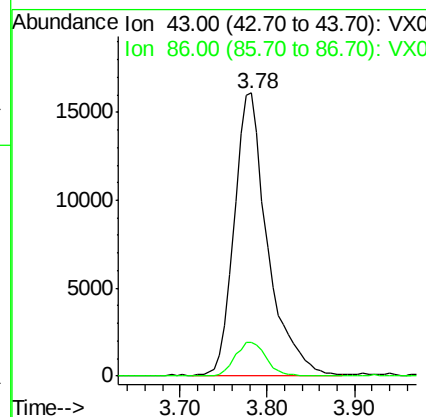
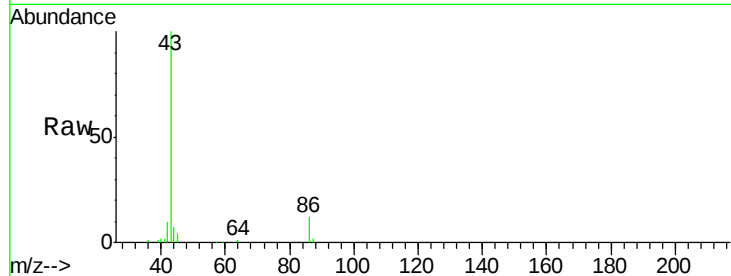
86 12.1 9.9 14.9

Manual Integrations

APPROVED

MMDadoda

12/7/2020 10:56:08 AM



#24

1,1-Dichloroethane

Concen: 0.930 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

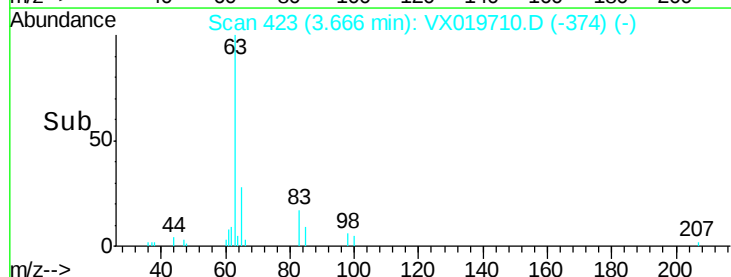
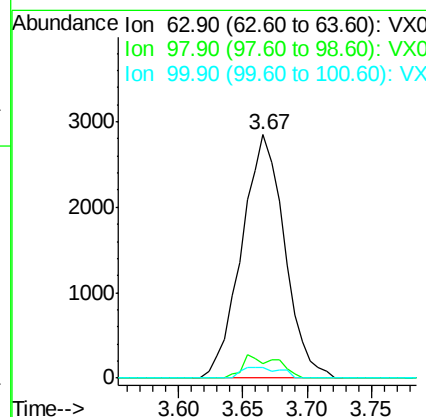
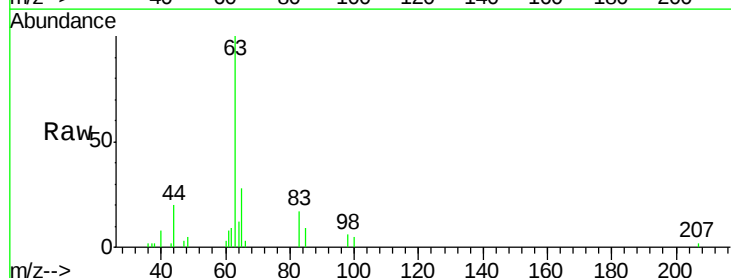
Tgt Ion: 63 Resp: 6574

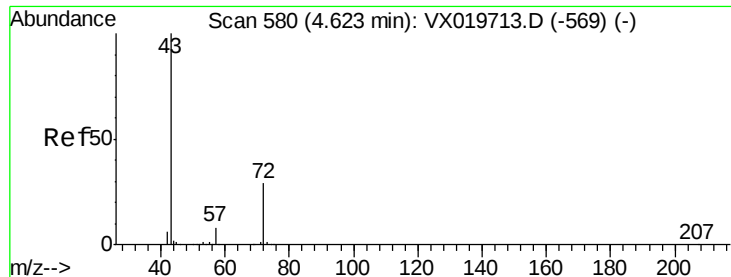
Ion Ratio Lower Upper

63 100

98 5.8 3.8 11.2

100 4.5 2.5 7.5





#25

2-Butanone

Concen: 4.751 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 13224

Ion Ratio Lower Upper

43 100

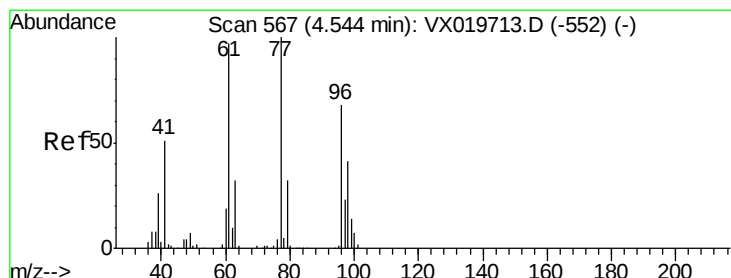
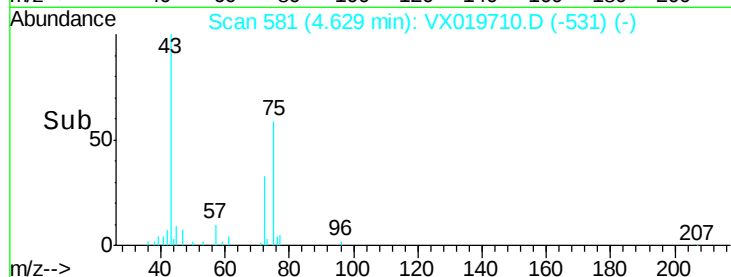
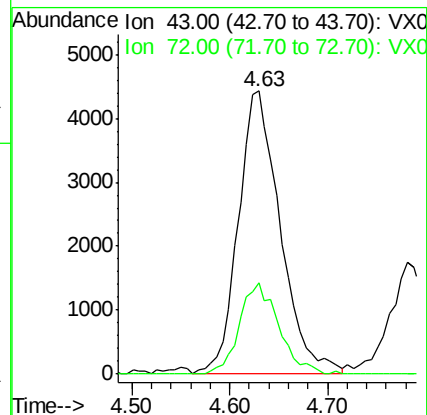
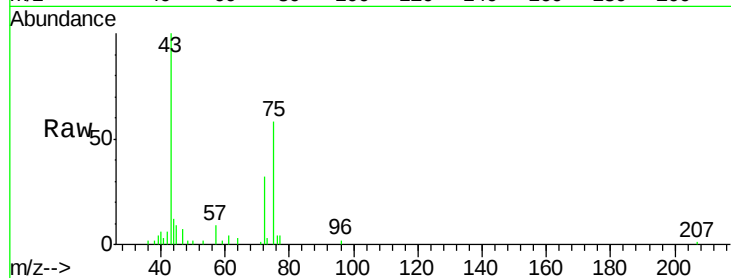
72 32.2 23.7 35.5

Manual Integrations

APPROVED

MMDadoda

12/7/2020 10:56:08 AM



#26

2,2-Dichloropropane

Concen: 0.936 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019710.D

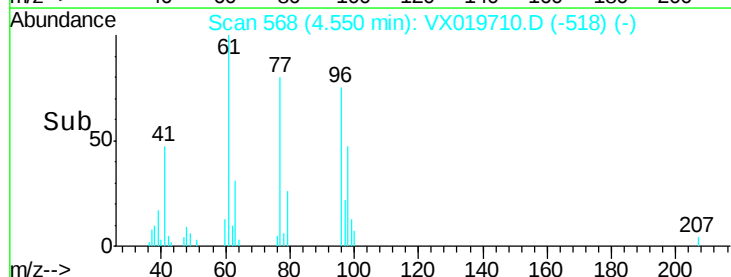
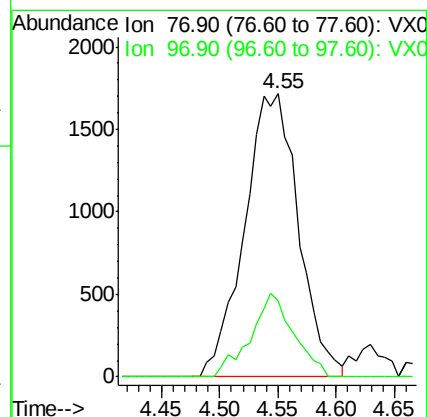
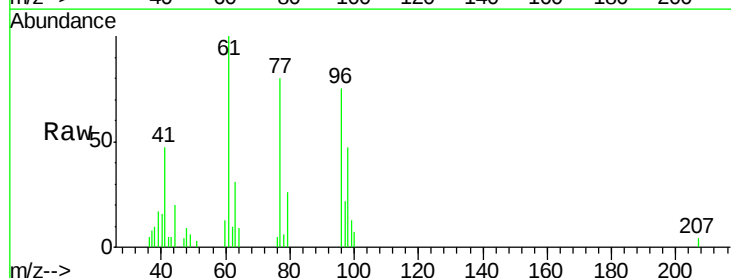
Acq: 04 Dec 2020 10:49

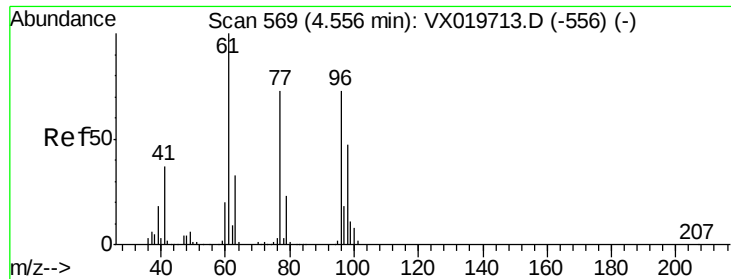
Tgt Ion: 77 Resp: 5519

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 0.989 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX019710.D

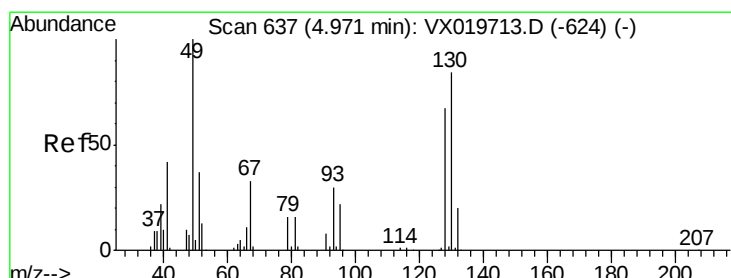
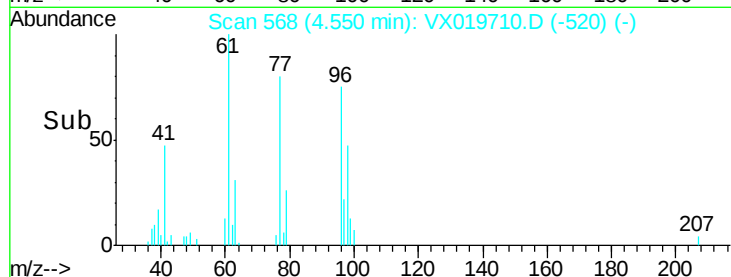
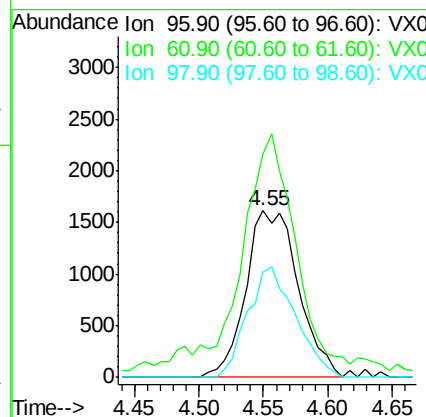
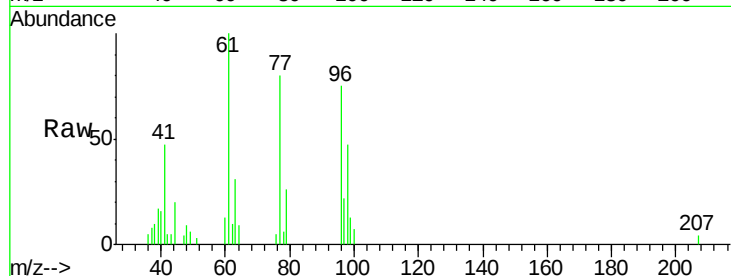
Acq: 04 Dec 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.5	0.0	285.6
98	60.5	0.0	129.6

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:56:08 AM



#28

Bromochloromethane

Concen: 1.034 ug/l

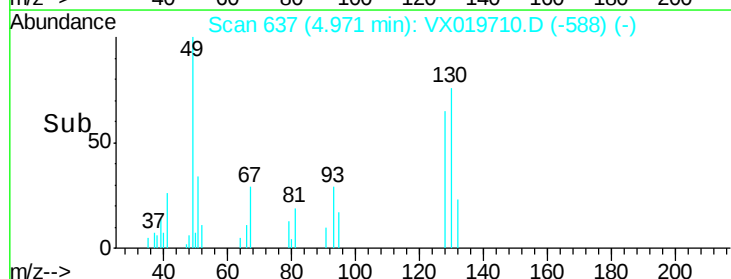
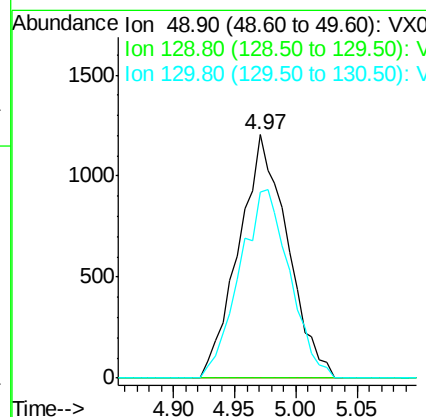
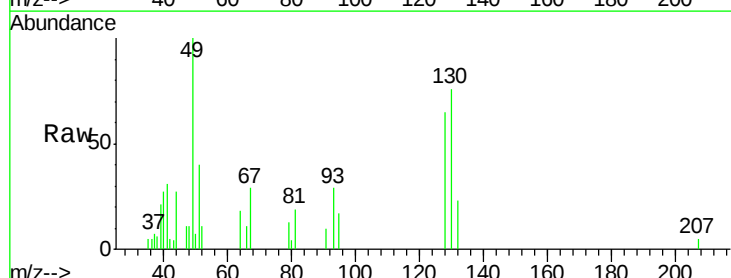
RT: 4.97 min Scan# 637

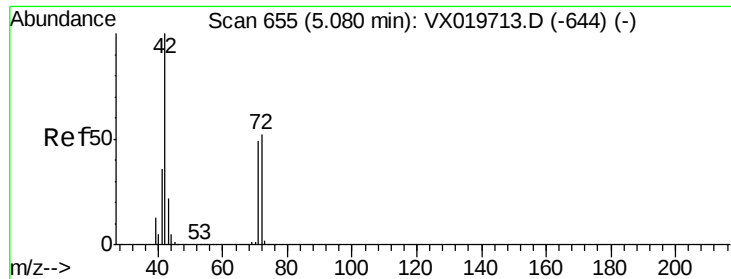
Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	79.7	68.2	102.2





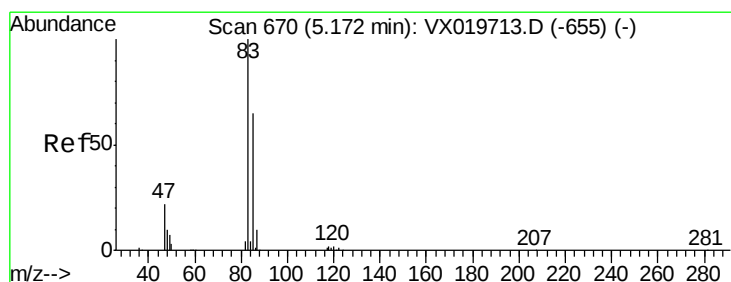
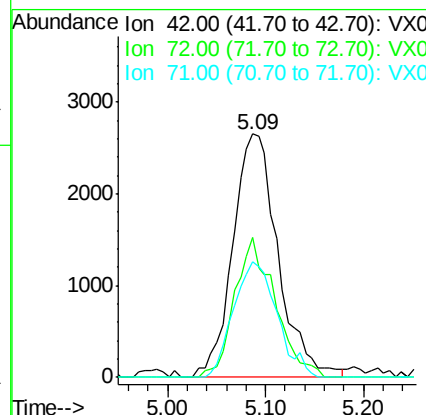
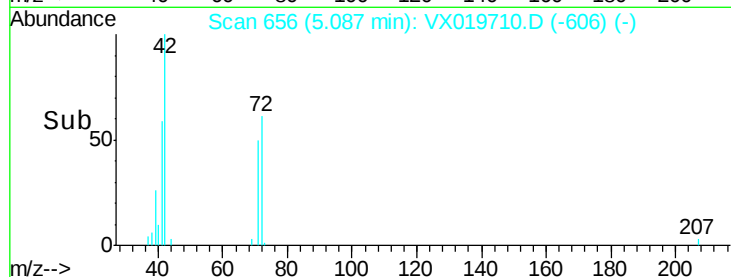
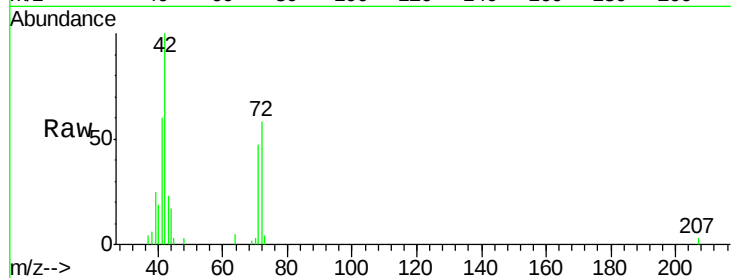
#29
Tetrahydrofuran
Concen: 4.800 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.1	41.7	62.5
71	45.6	38.4	57.6

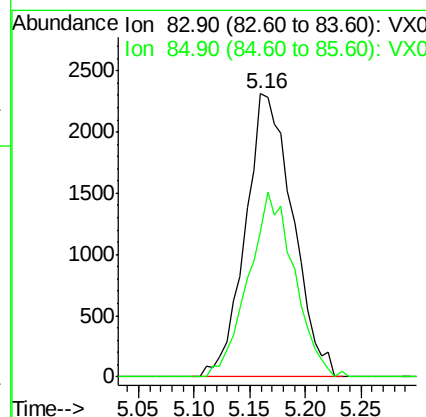
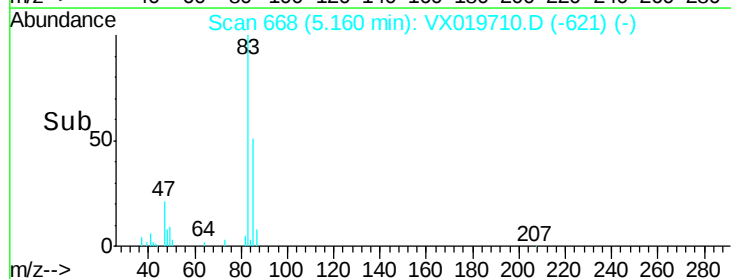
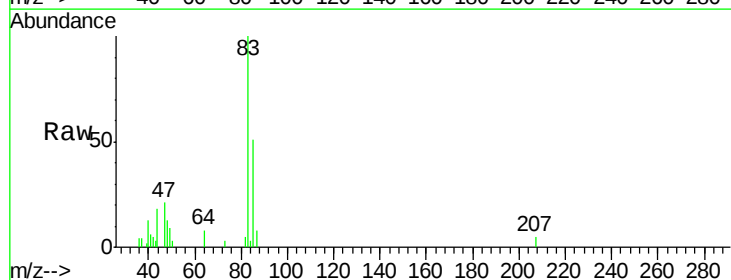
Manual Integrations
APPROVED

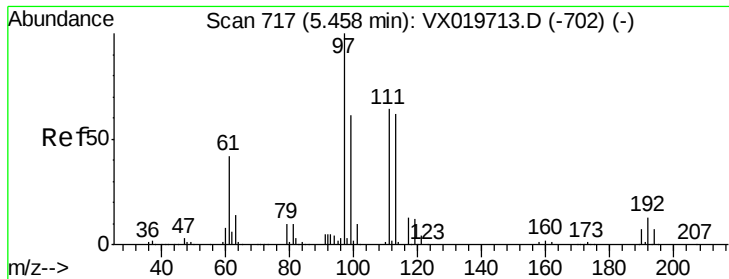
MMDadoda
12/7/2020 10:56:08 AM



#30
Chloroform
Concen: 0.941 ug/l
RT: 5.16 min Scan# 668
Delta R.T. -0.01 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	51.2	52.0	78.0#





#32

1,1,1-Trichloroethane

Concen: 0.921 ug/l

RT: 5.45 min Scan# 716

Delta R.T. -0.01 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

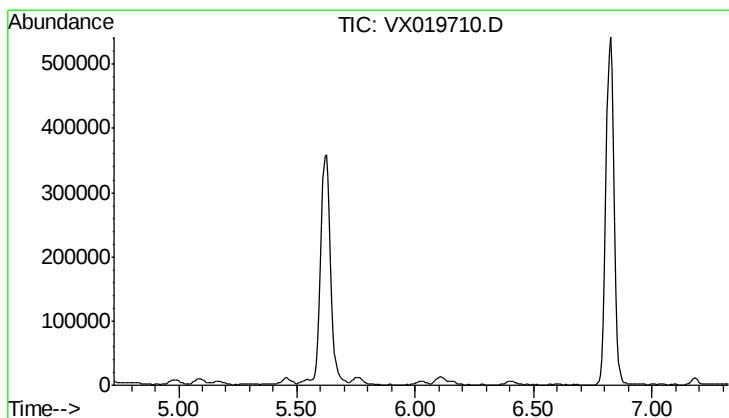
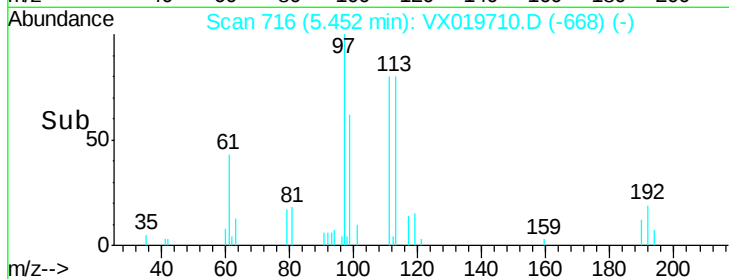
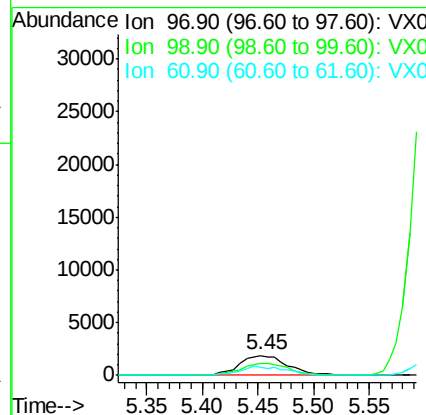
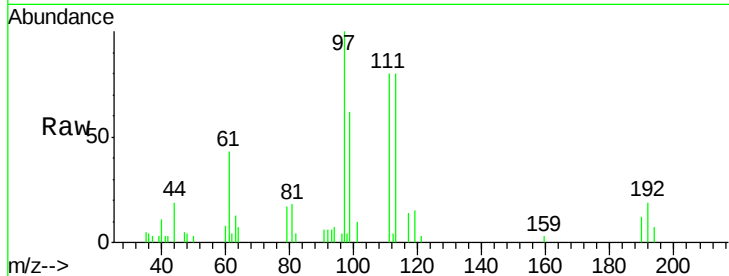
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	5708
Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.5	77.3#
61	42.4	34.2	51.4

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:56:08 AM



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.03 min

Lab File: VX019710.D

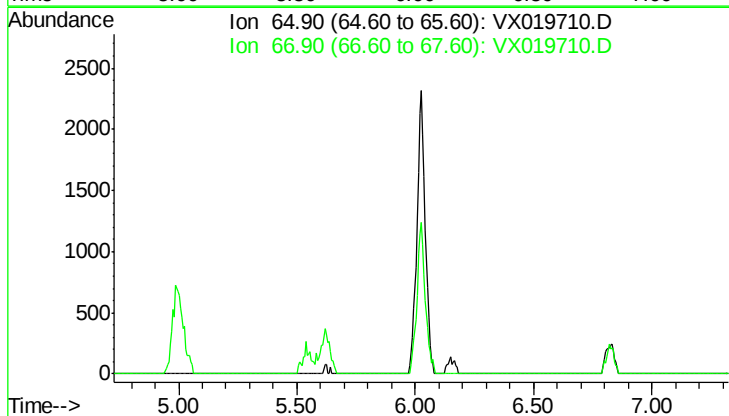
Acq: 04 Dec 2020 10:49

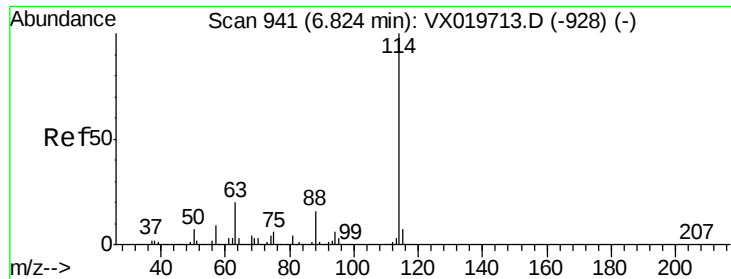
Tgt Ion: 65

Sig Exp Ratio

65 100

67 52.7





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

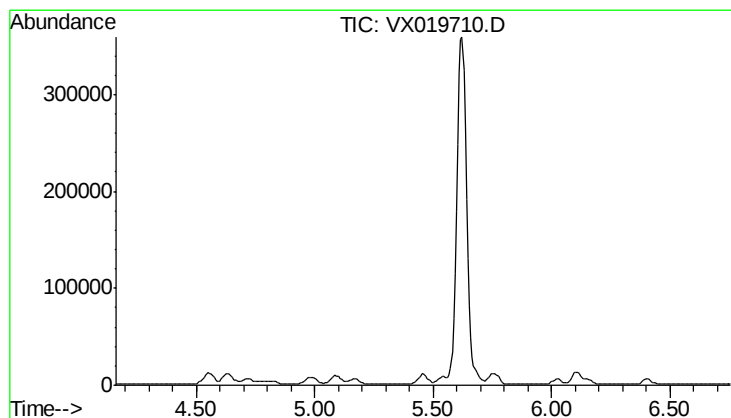
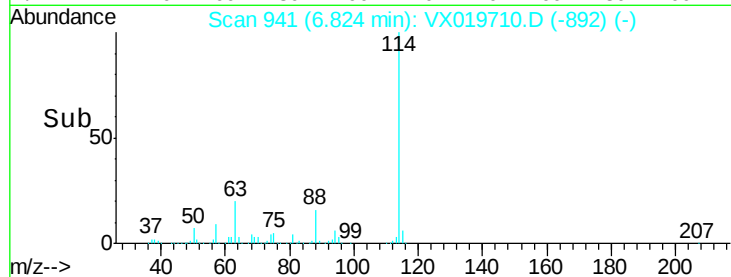
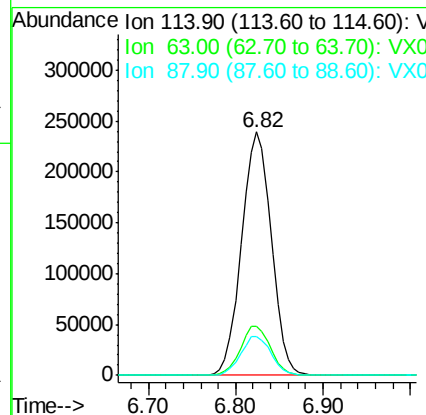
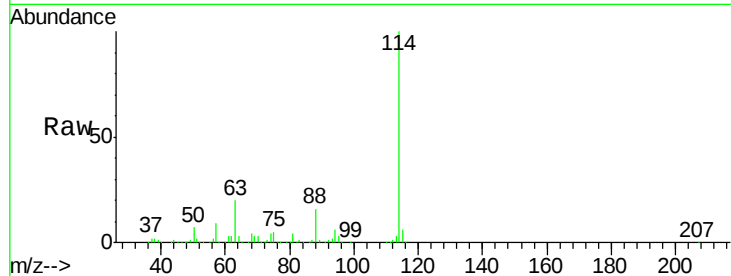
ClientSampleId :

VSTDIC001

Tot Ion:	114	Resp:	566951
Ion Ratio		Lower	Upper
114	100		
63	20.2	0.0	40.8
88	16.0	0.0	32.8

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:56:08 AM



#35

Dibromofluoromethane

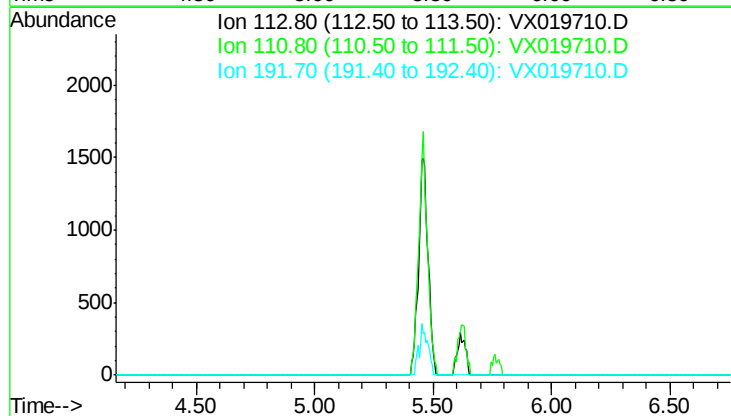
Concen: 0.000 ug/l

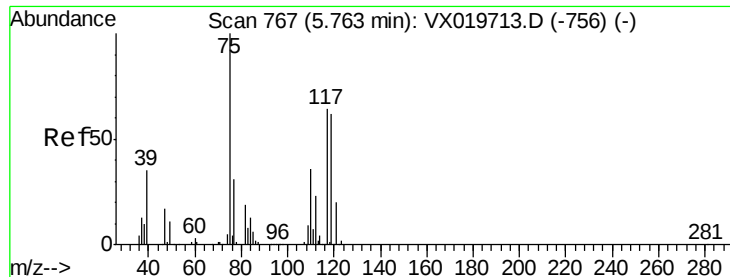
Expected RT: 5.46 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Tgt Ion:	113
Sig	Exp Ratio
113	100
111	102.4
192	20.9





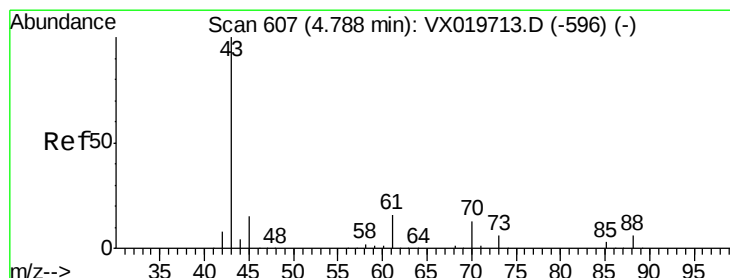
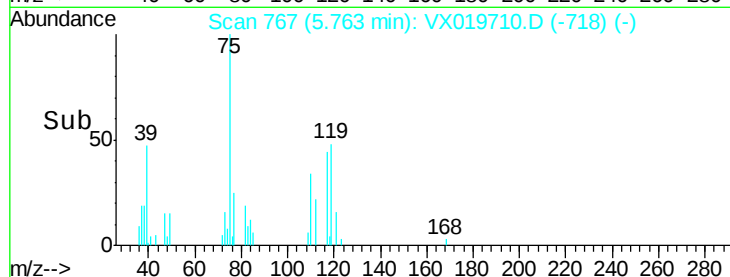
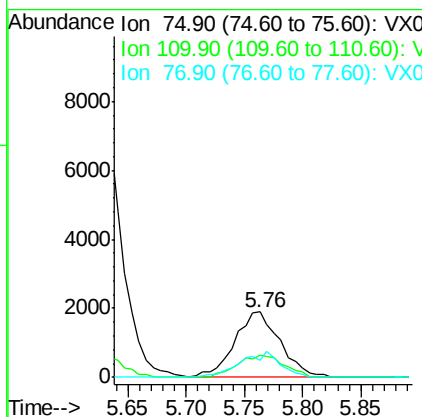
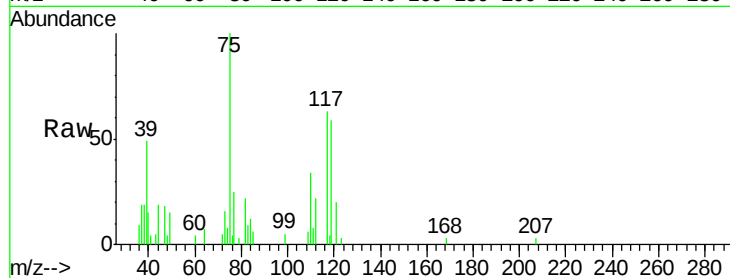
#36
 1,1-Dichloropropene
 Concen: 0.983 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: VX019710.D
 Acq: 04 Dec 2020 10:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	35.0	18.1	54.4
77	34.4	25.3	37.9

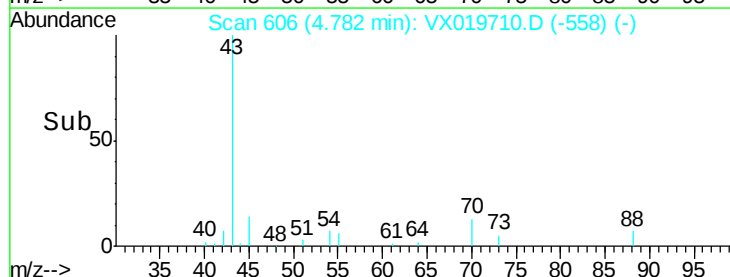
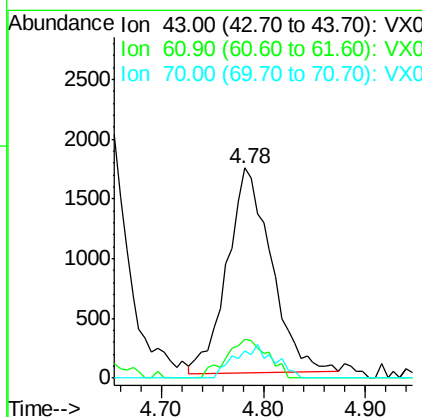
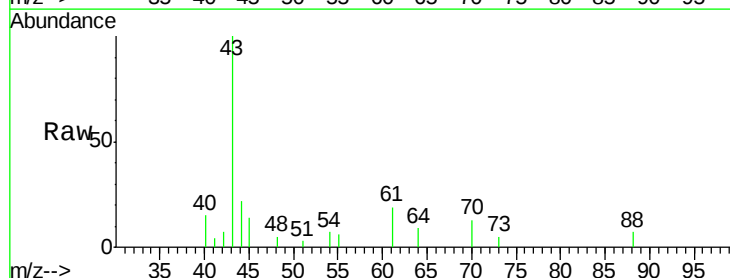
Manual Integrations
 APPROVED

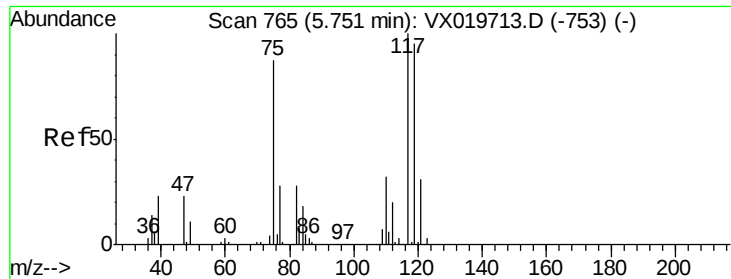
MMDadoda
 12/7/2020 10:56:08 AM



#37
 Ethyl Acetate
 Concen: 0.986 ug/l
 RT: 4.78 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX019710.D
 Acq: 04 Dec 2020 10:49

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.8	12.8	19.2
70	14.3	10.5	15.7





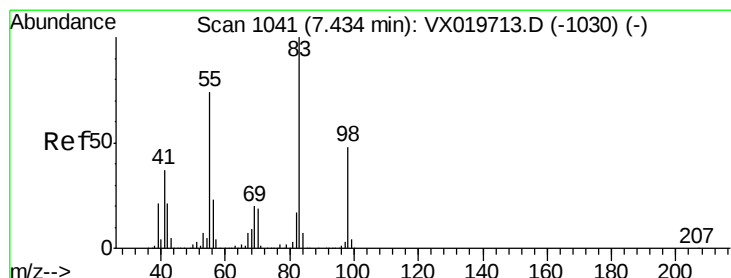
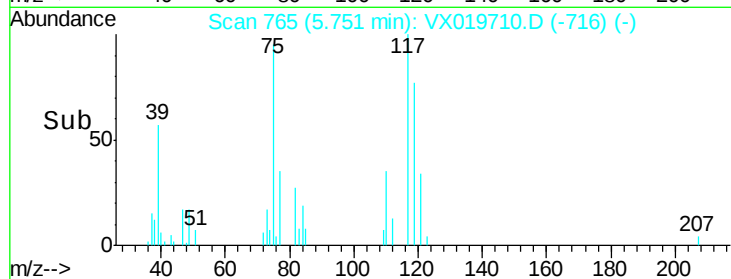
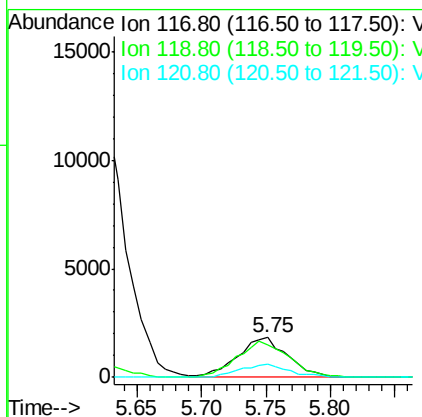
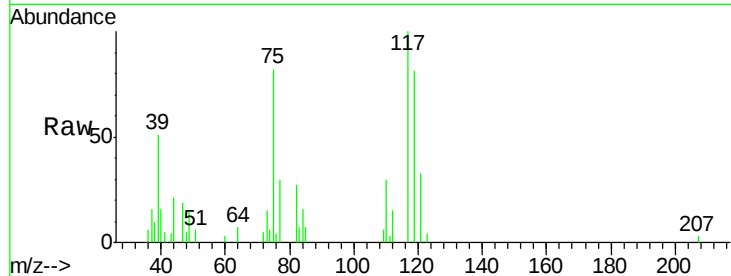
#38
Carbon Tetrachloride
Concen: 0.949 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	81.4	76.2	114.2
121	32.7	24.8	37.2

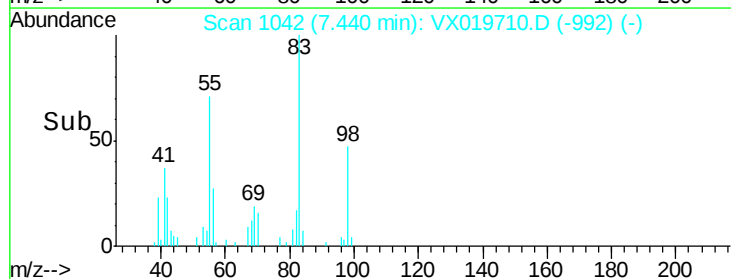
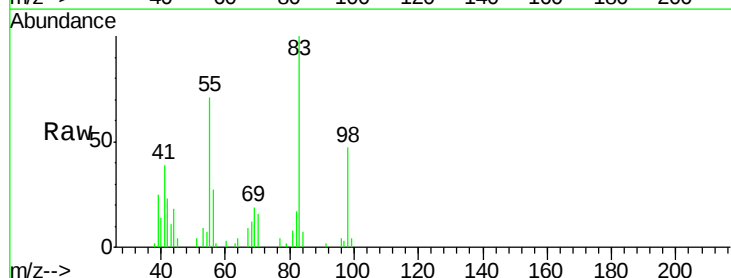
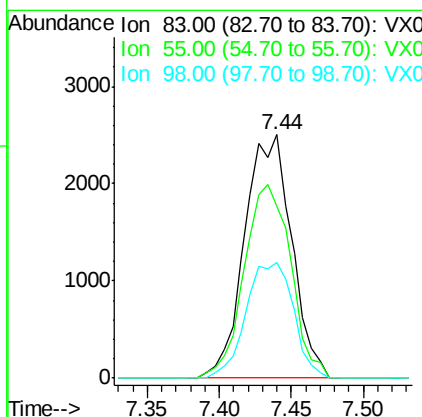
Manual Integrations
APPROVED

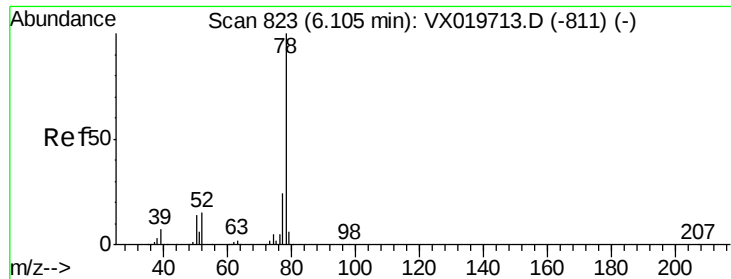
MMDadoda
12/7/2020 10:56:08 AM



#39
Methylcyclohexane
Concen: 0.918 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Tgt Ion	Ratio	Lower	Upper
83	100		
55	70.7	58.9	88.3
98	47.3	38.1	57.1





#40

Benzene

Concen: 0.961 ug/l

RT: 6.10 min Scan# 823

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 15704

Ion Ratio Lower Upper

78 100

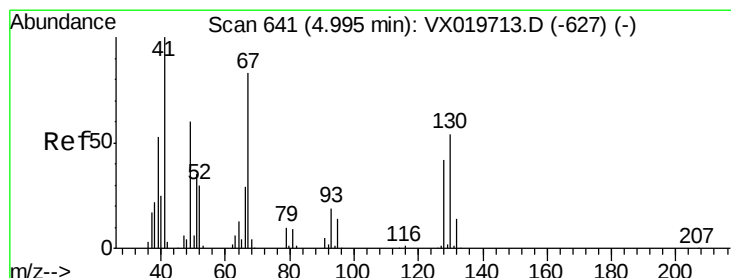
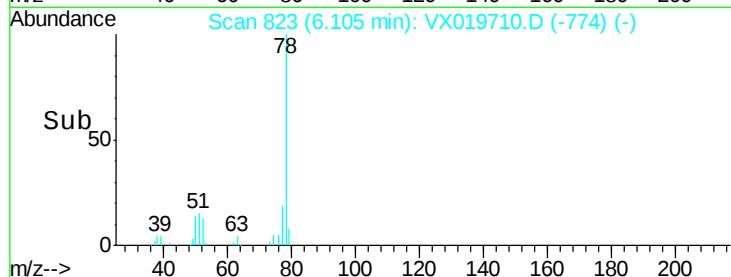
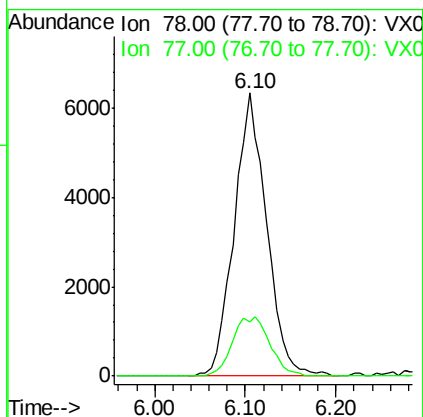
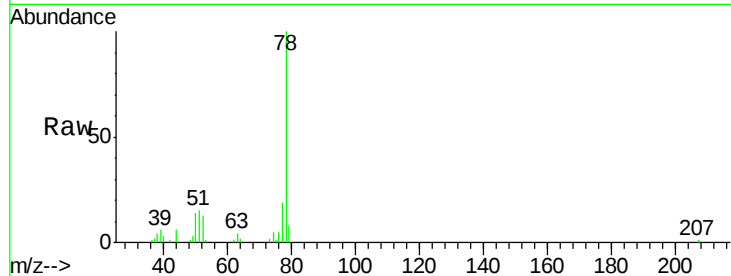
77 19.3 18.9 28.3

Manual Integrations

APPROVED

MMDadoda

12/7/2020 10:56:08 AM



#41

Methacrylonitrile

Concen: 1.032 ug/l

RT: 5.00 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Tgt Ion: 41 Resp: 2999

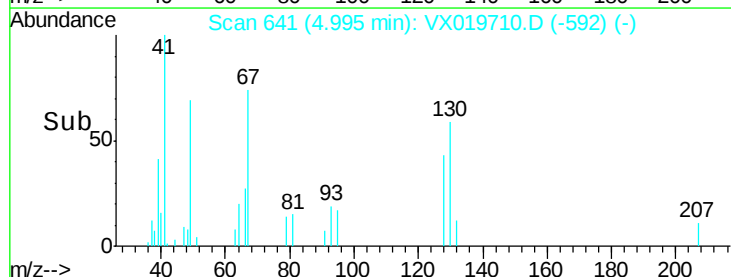
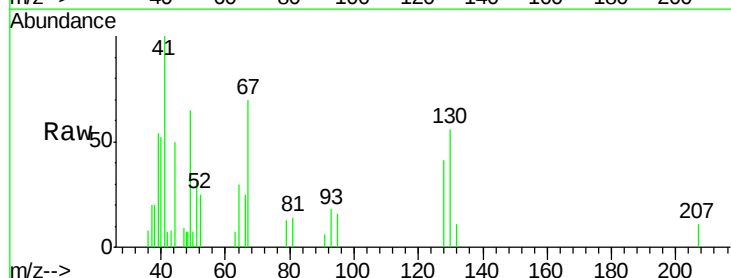
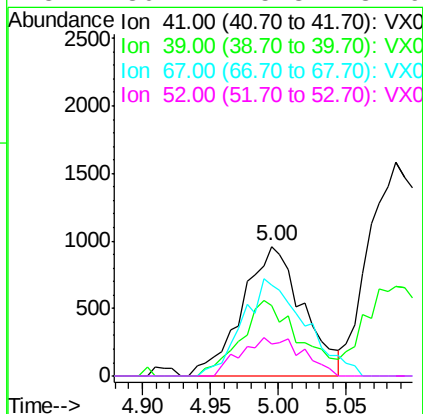
Ion Ratio Lower Upper

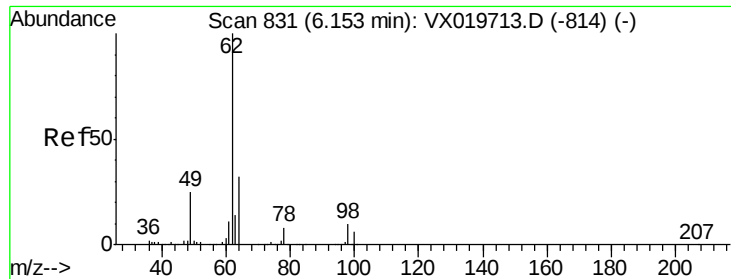
41 100

39 56.3 42.5 63.7

67 76.7 65.0 97.6

52 30.2 25.3 37.9





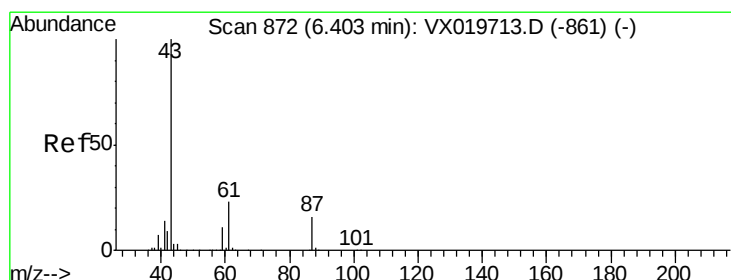
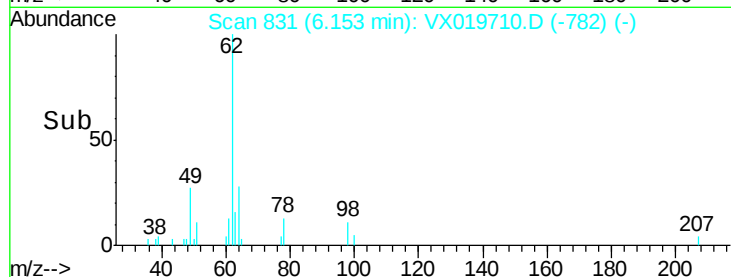
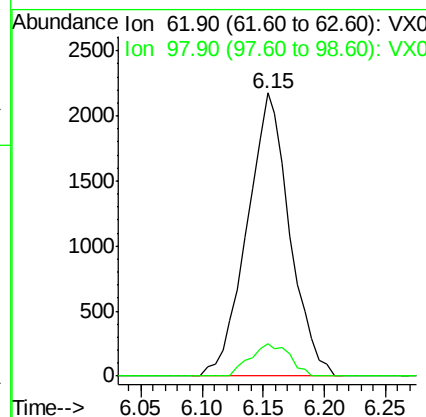
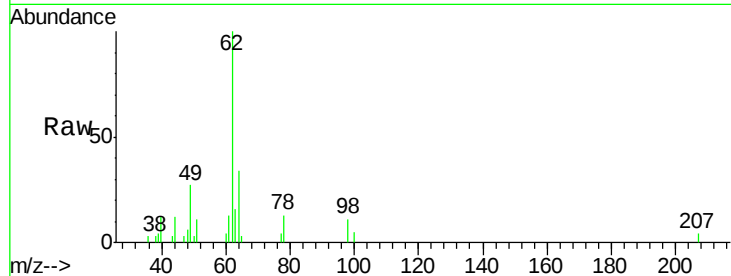
#42
 1,2-Dichloroethane
 Concen: 0.937 ug/l
 RT: 6.15 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: VX019710.D
 Acq: 04 Dec 2020 10:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	20.2

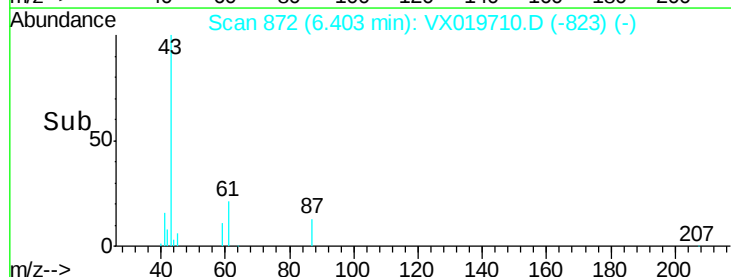
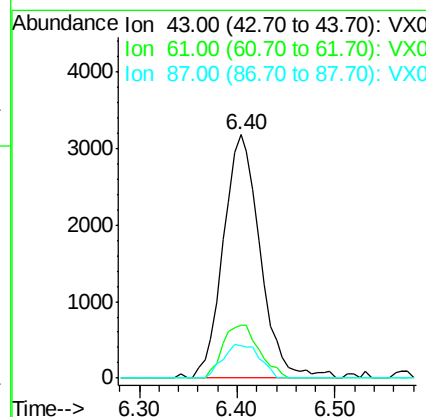
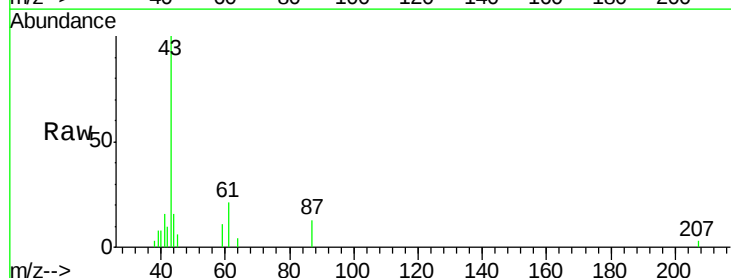
Manual Integrations
 APPROVED

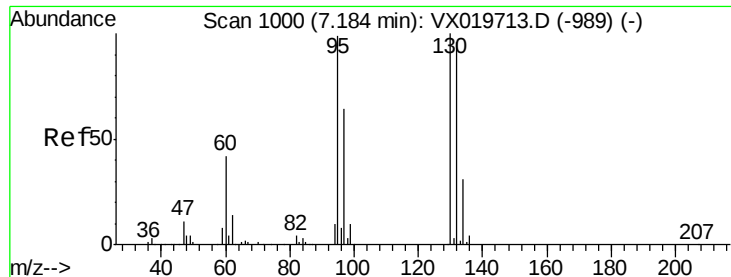
MMDadoda
 12/7/2020 10:56:08 AM



#43
 Isopropyl Acetate
 Concen: 0.959 ug/l
 RT: 6.40 min Scan# 872
 Delta R.T. 0.00 min
 Lab File: VX019710.D
 Acq: 04 Dec 2020 10:49

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.3	18.2	27.4
87	13.7	12.5	18.7





#44

Trichloroethene

Concen: 0.964 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 4114

Ion Ratio Lower Upper

130 100

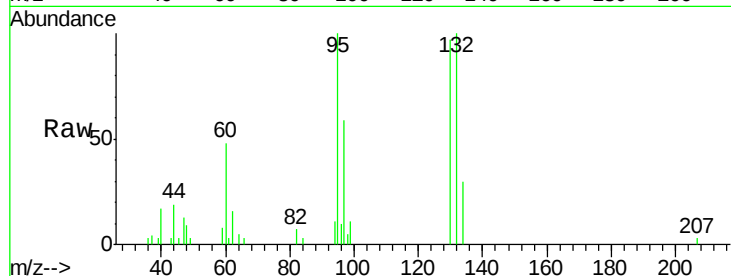
95 102.9 0.0 198.0

Manual Integrations

APPROVED

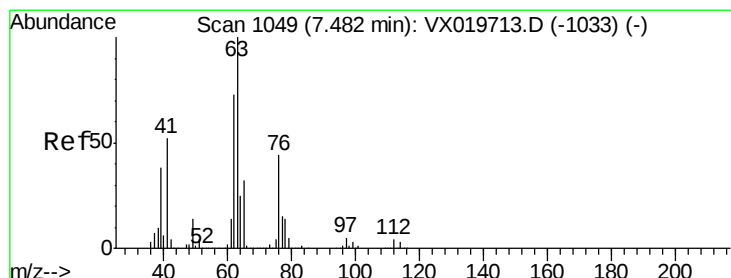
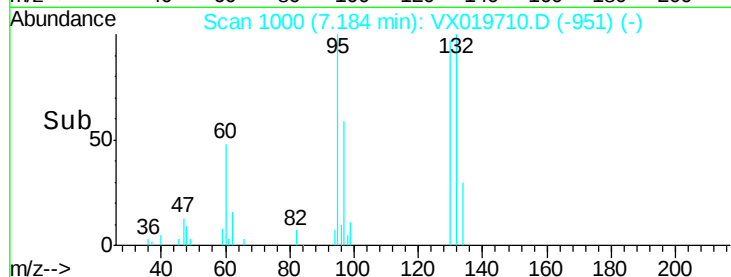
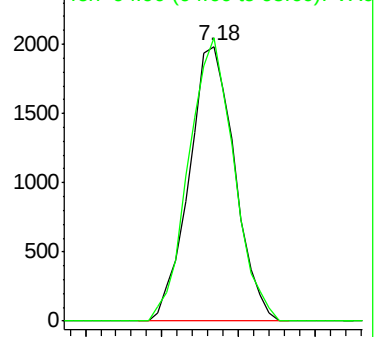
MMDadoda

12/7/2020 10:56:08 AM



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#45

1,2-Dichloropropane

Concen: 0.935 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. 0.00 min

Lab File: VX019710.D

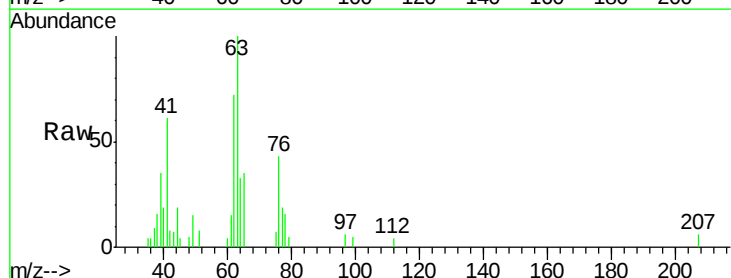
Acq: 04 Dec 2020 10:49

Tgt Ion: 63 Resp: 3843

Ion Ratio Lower Upper

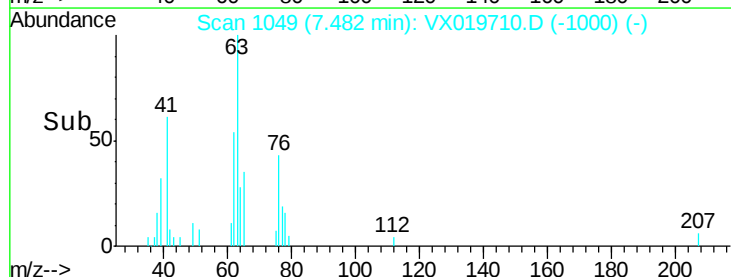
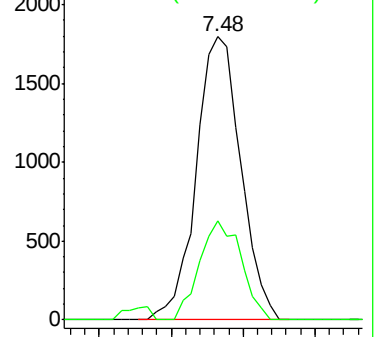
63 100

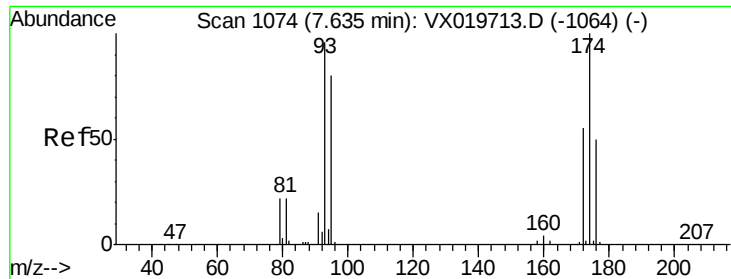
65 35.0 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0





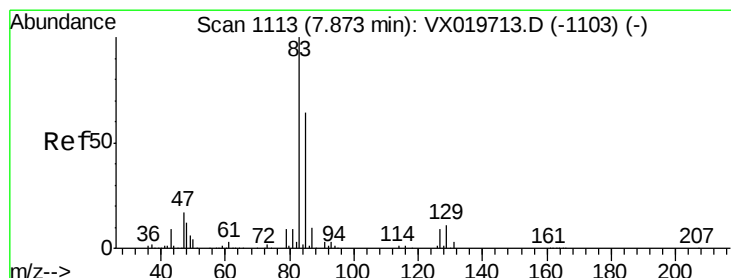
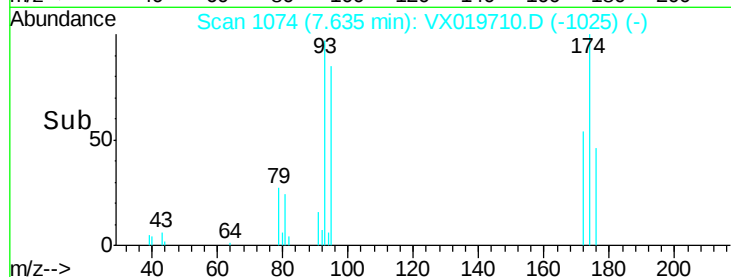
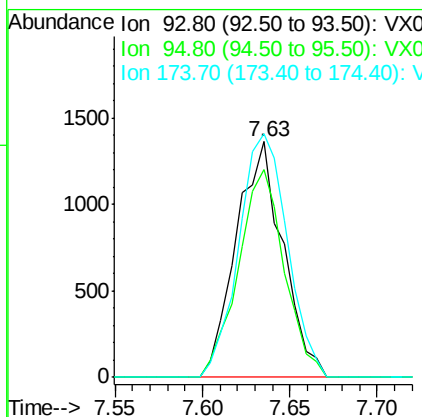
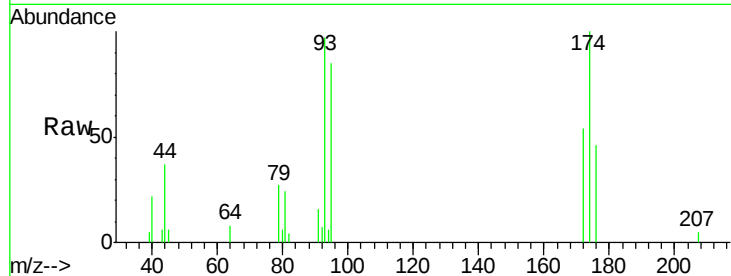
#46
Dibromomethane
Concen: 0.923 ug/l
RT: 7.63 min Scan# 1074
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
93	100		
95	86.6	66.8	100.2
174	107.2	83.1	124.7

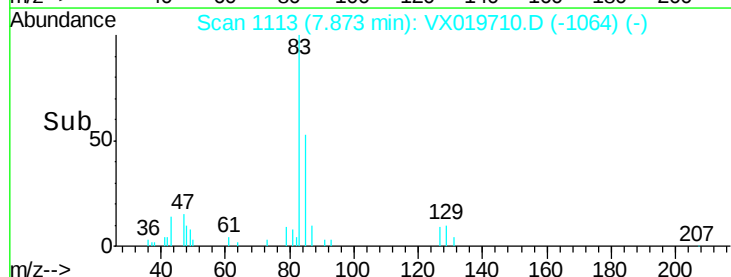
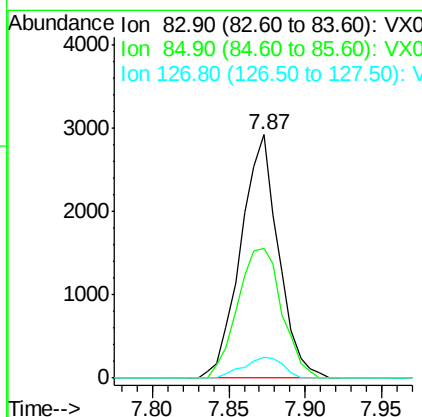
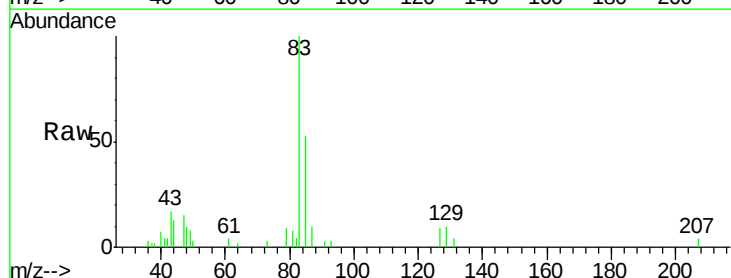
Manual Integrations
APPROVED

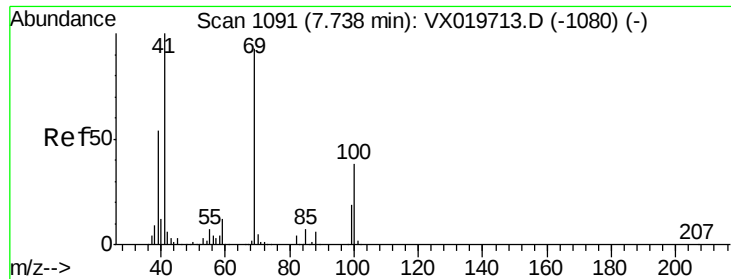
MMDadoda
12/7/2020 10:56:08 AM



#47
Bromodichloromethane
Concen: 0.913 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Tgt Ion	Ratio	Lower	Upper
83	100		
85	53.3	51.4	77.0
127	8.7	6.8	10.2





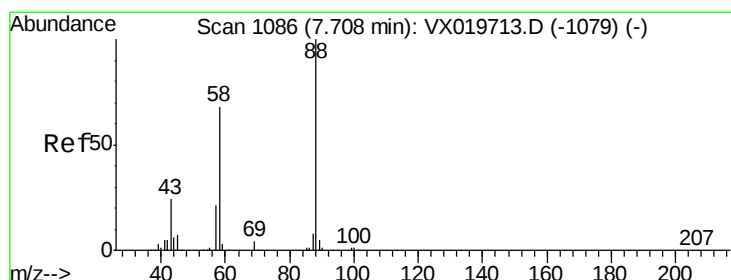
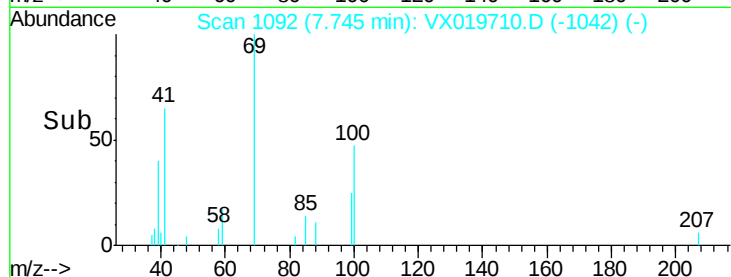
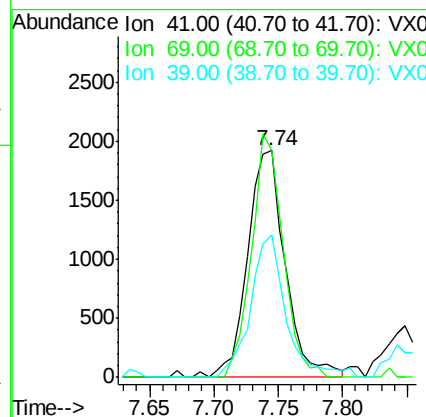
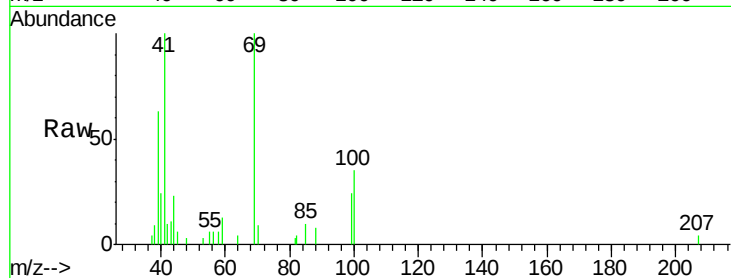
#48
Methvl methacrylate
Concen: 0.903 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.01 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	89.7	76.0	114.0
39	59.3	44.6	67.0

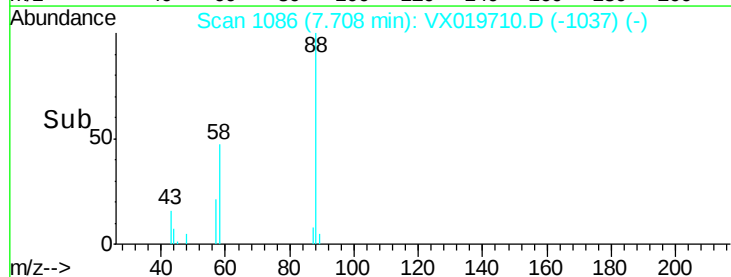
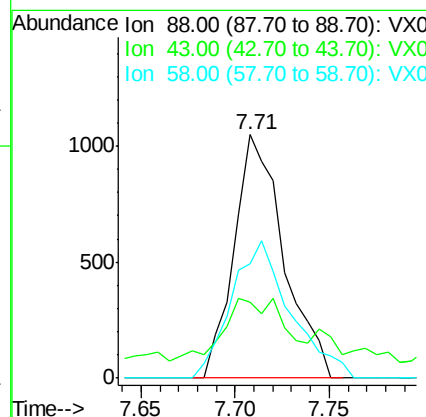
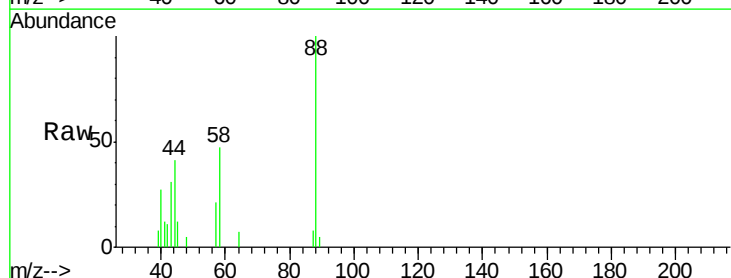
Manual Integrations
APPROVED

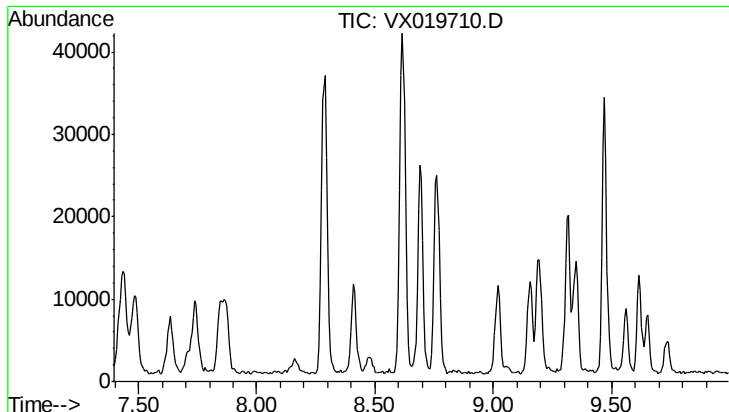
MMDadoda
12/7/2020 10:56:08 AM



#49
1,4-Dioxane
Concen: 19.414 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Tgt Ion	Ratio	Lower	Upper
88	100		
43	26.7	23.2	34.8
58	67.1	55.0	82.4





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 8.70 min

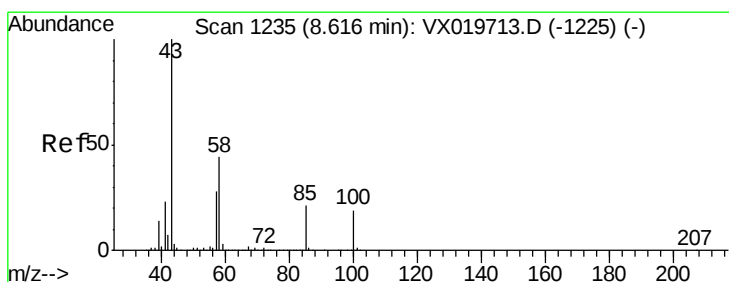
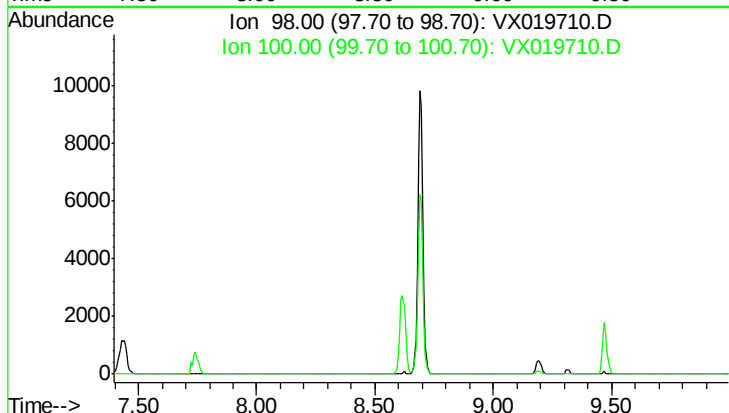
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 64.9

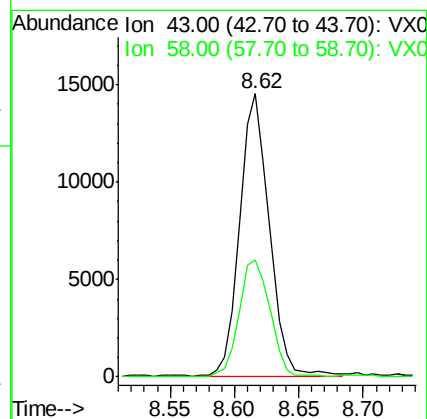
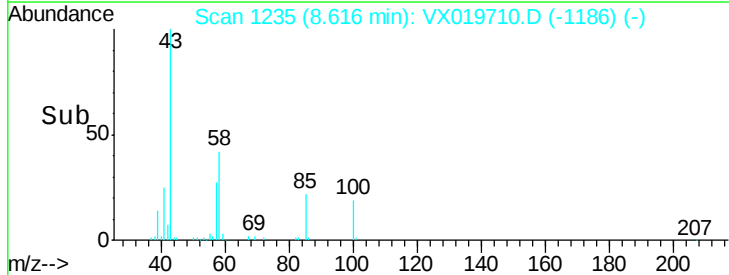
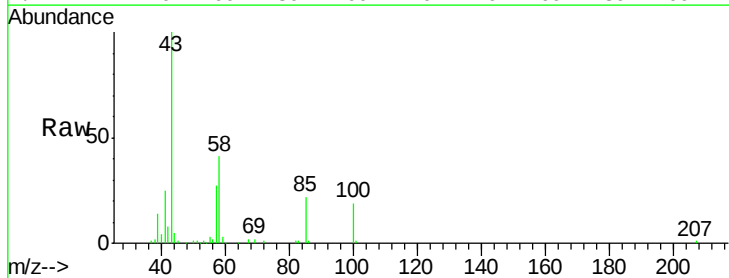
Manual Integrations
APPROVED

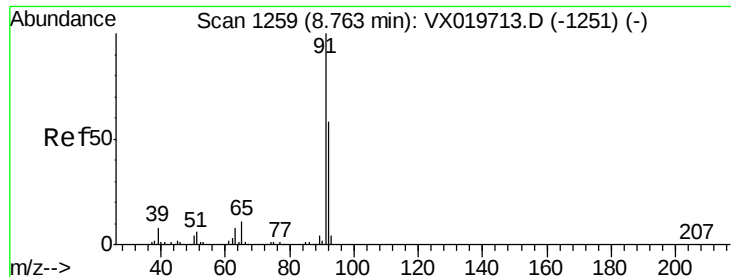
MMDadoda
12/7/2020 10:56:08 AM



#51
4-Methyl-2-Pentanone
Concen: 4.335 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Tgt Ion: 43 Resp: 23017
Ion Ratio Lower Upper
43 100
58 43.8 35.4 53.0





#52

Toluene

Concen: 0.920 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 9358

Ion Ratio Lower Upper

92 100

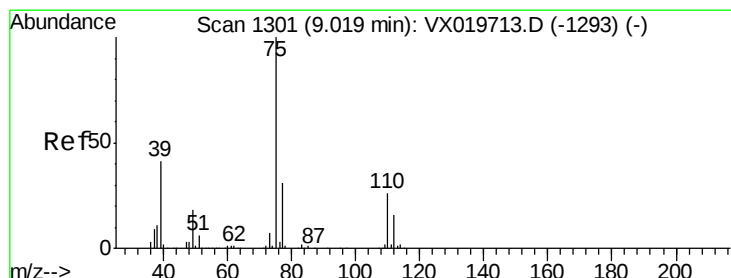
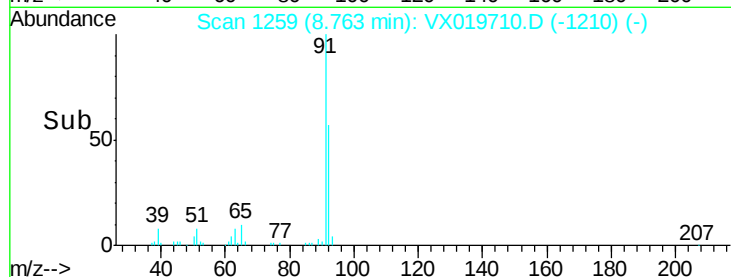
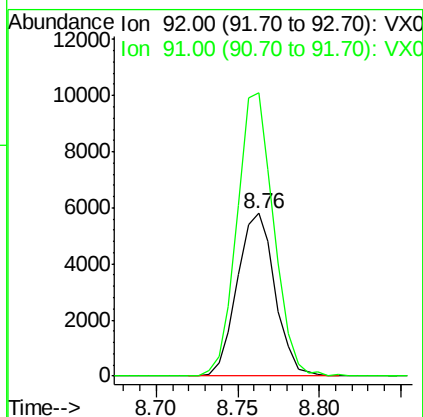
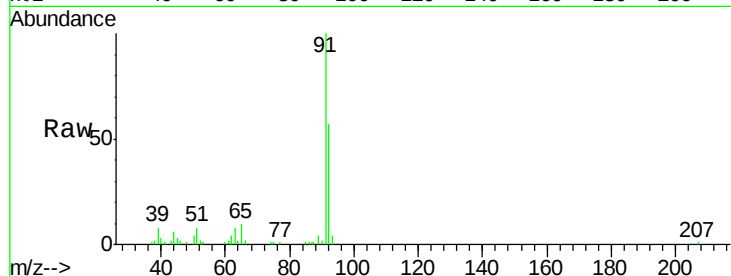
91 168.6 137.1 205.7

Manual Integrations

APPROVED

MMDadoda

12/7/2020 10:56:08 AM



#53

t-1,3-Dichloropropene

Concen: 0.815 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VX019710.D

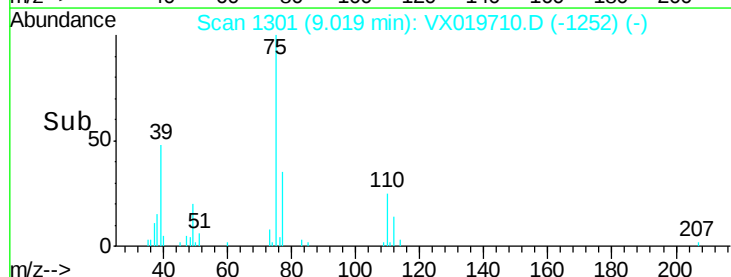
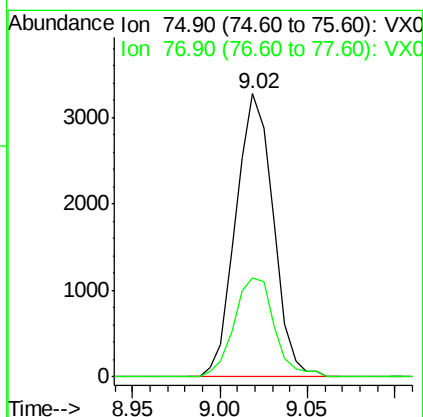
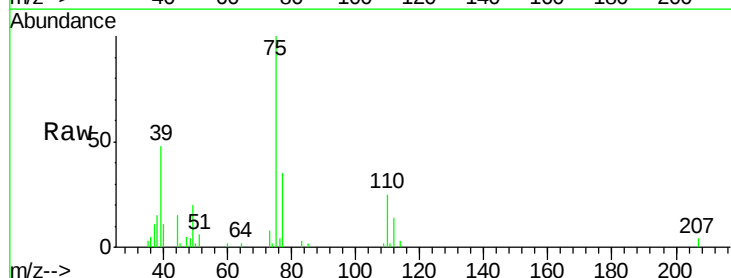
Acq: 04 Dec 2020 10:49

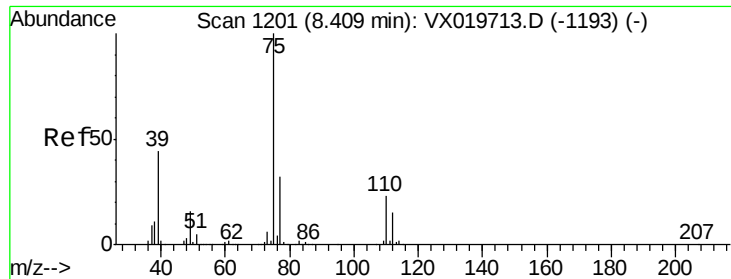
Tgt Ion: 75 Resp: 4884

Ion Ratio Lower Upper

75 100

77 35.1 24.9 37.3





#54

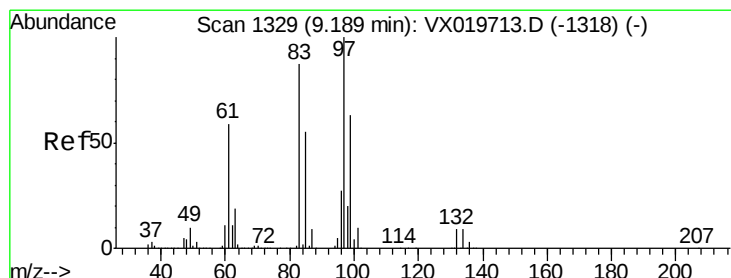
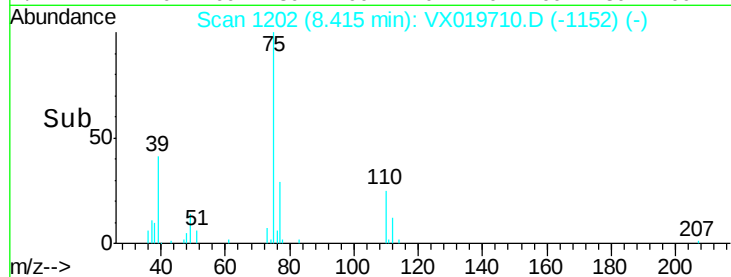
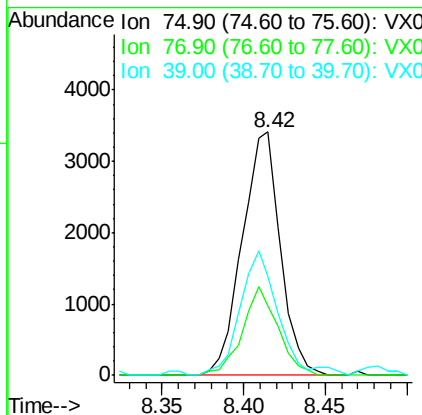
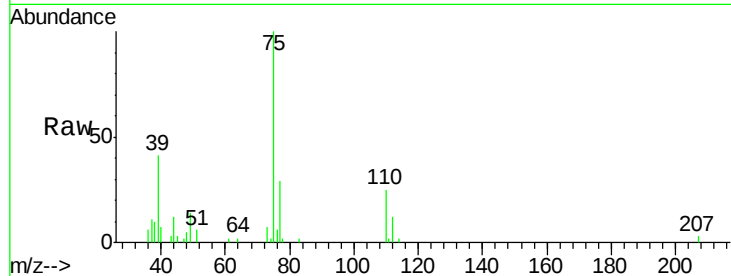
cis-1,3-Dichloropropene
 Concen: 0.849 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: VX019710.D
 Acq: 04 Dec 2020 10:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	28.6	25.7	38.5
39	40.8	35.1	52.7

Manual Integrations
 APPROVED

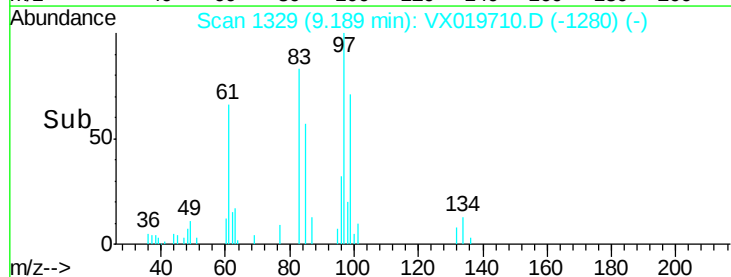
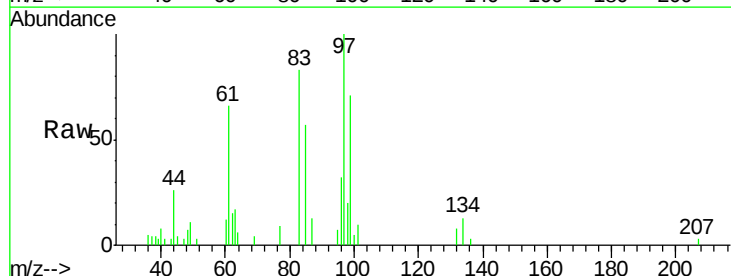
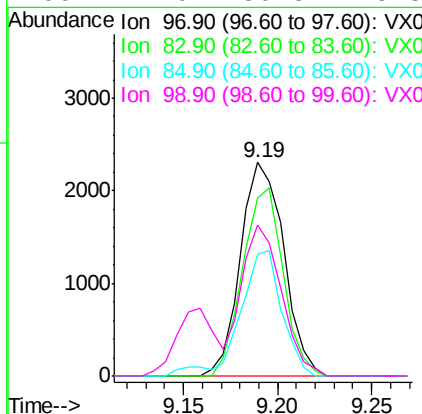
MMDadoda
 12/7/2020 10:56:08 AM

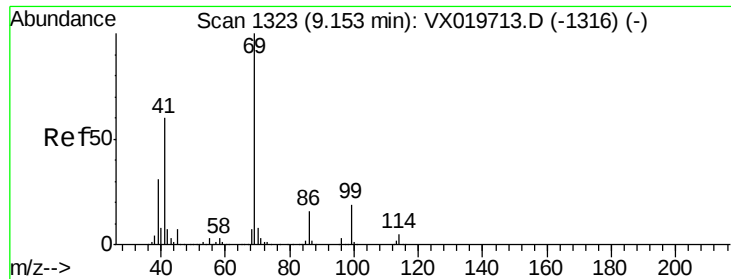


#55

1,1,2-Trichloroethane
 Concen: 0.893 ug/l
 RT: 9.19 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: VX019710.D
 Acq: 04 Dec 2020 10:49

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.3	69.3	103.9
85	57.1	44.3	66.5
99	71.0	50.3	75.5





#56

Ethyl methacrylate

Concen: 0.809 ug/l

RT: 9.15 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

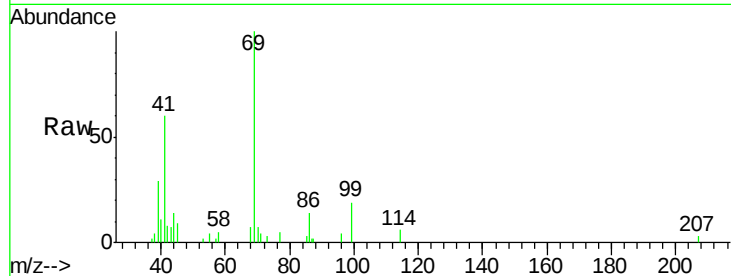
ClientSampleId :

VSTDIC001

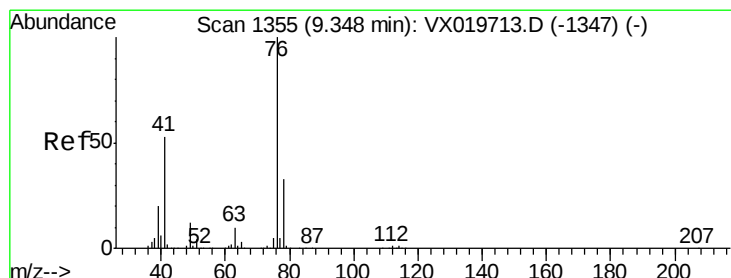
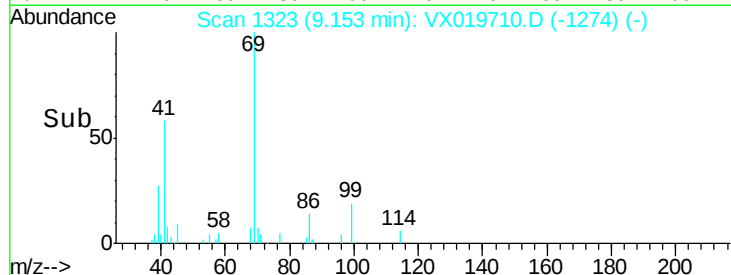
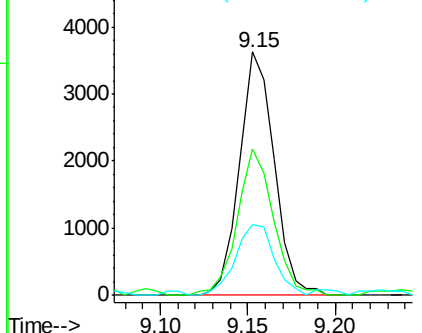
Tot Ion:	69	Resp:	5000
Ion	Ratio	Lower	Upper
69	100		
41	62.8	46.8	70.2
39	32.6	24.7	37.1

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:56:08 AM



Abundance Ion 69.00 (68.70 to 69.70): VX0
Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0



#57

1,3-Dichloropropane

Concen: 0.947 ug/l

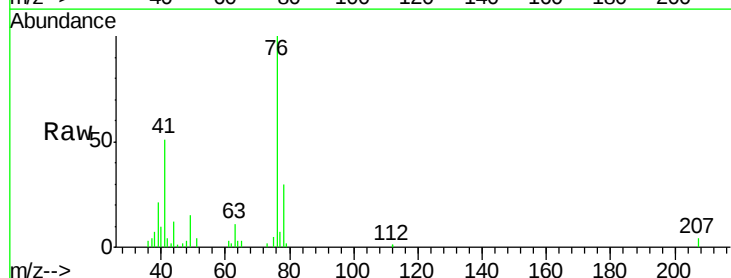
RT: 9.35 min Scan# 1355

Delta R.T. 0.00 min

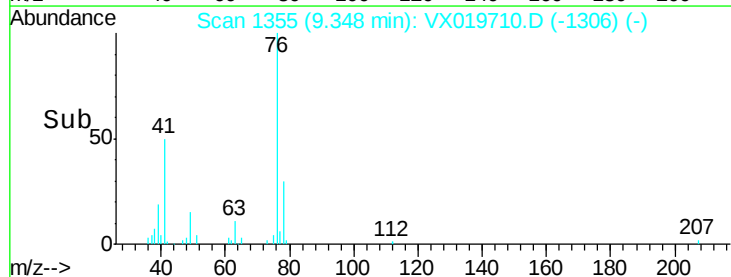
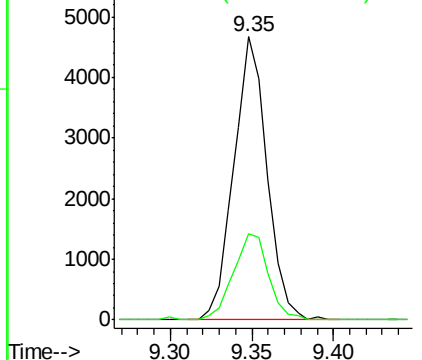
Lab File: VX019710.D

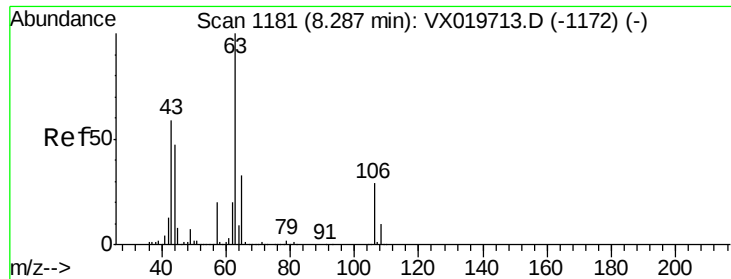
Acq: 04 Dec 2020 10:49

Tgt Ion:	76	Resp:	6593
Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.2	39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0
Ion 77.90 (77.60 to 78.60): VX0





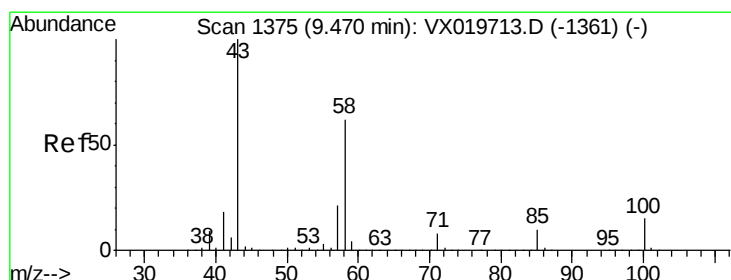
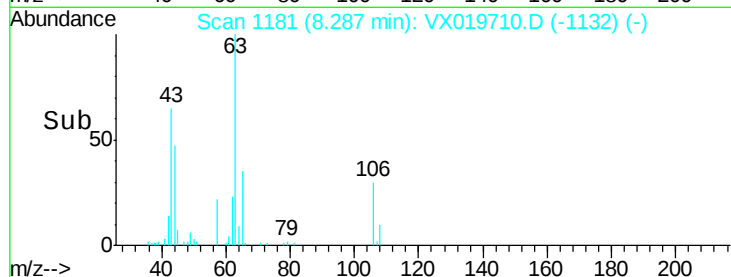
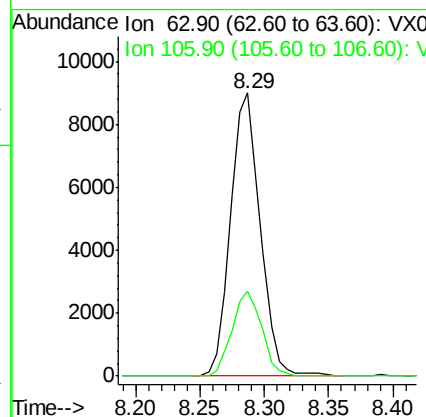
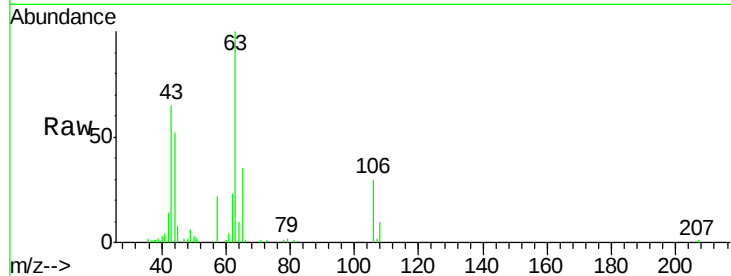
#58
 2-Chloroethyl Vinyl ether
 Concen: 4.488 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VX019710.D
 Acq: 04 Dec 2020 10:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion: 63 Resp: 14537
 Ion Ratio Lower Upper
 63 100
 106 29.9 23.5 35.3

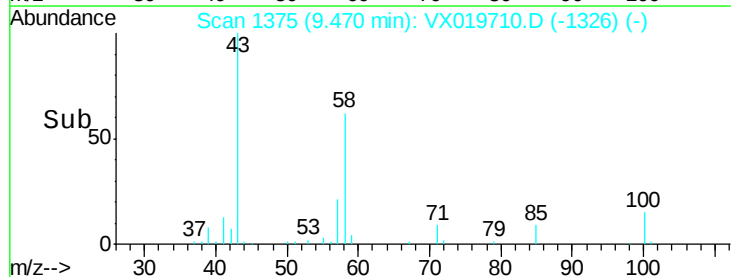
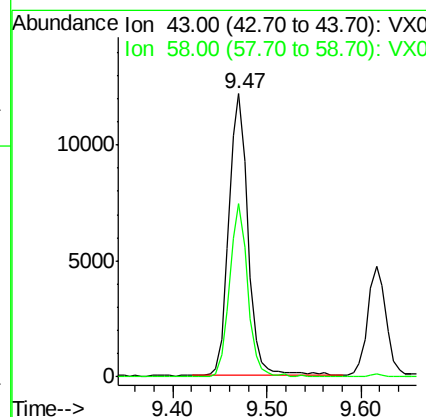
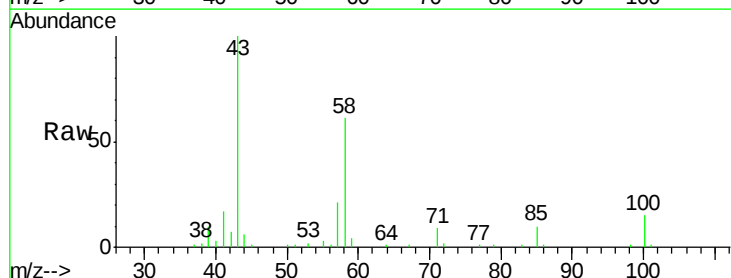
Manual Integrations
 APPROVED

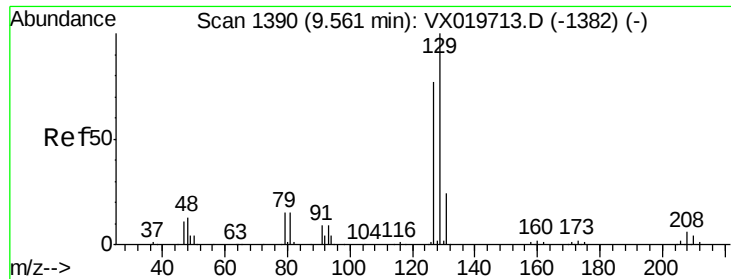
MMDadoda
 12/7/2020 10:56:08 AM



#59
 2-Hexanone
 Concen: 4.277 ug/l
 RT: 9.47 min Scan# 1375
 Delta R.T. 0.00 min
 Lab File: VX019710.D
 Acq: 04 Dec 2020 10:49

Tgt Ion: 43 Resp: 17177
 Ion Ratio Lower Upper
 43 100
 58 57.9 30.9 92.8





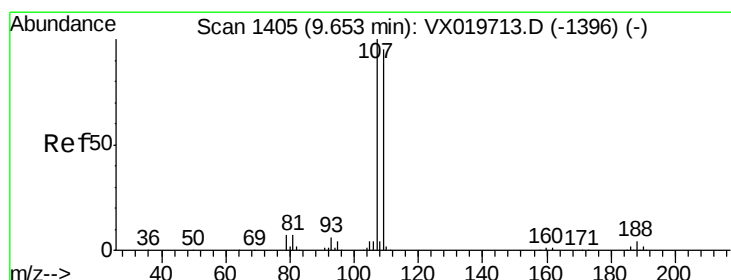
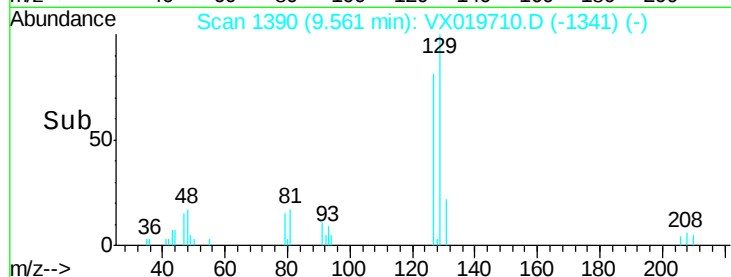
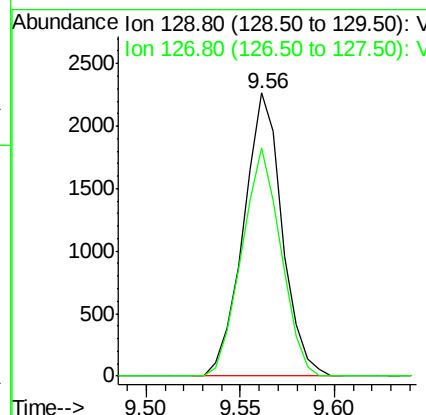
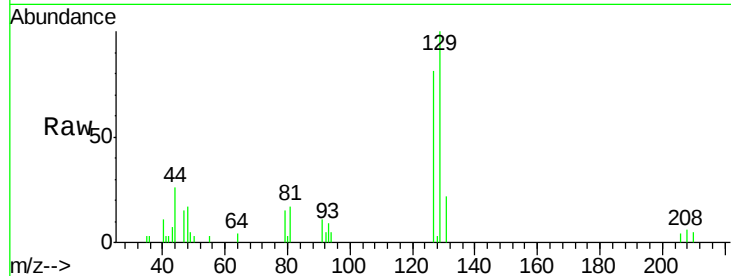
#60
Dibromochloromethane
Concen: 0.762 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion:129 Resp: 3222
Ion Ratio Lower Upper
129 100
127 81.2 38.4 115.2

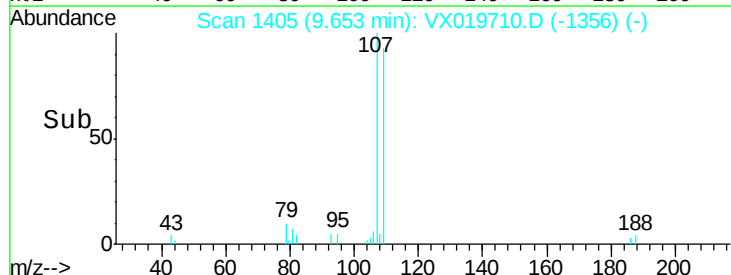
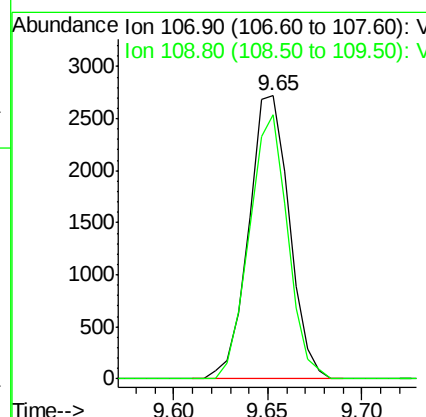
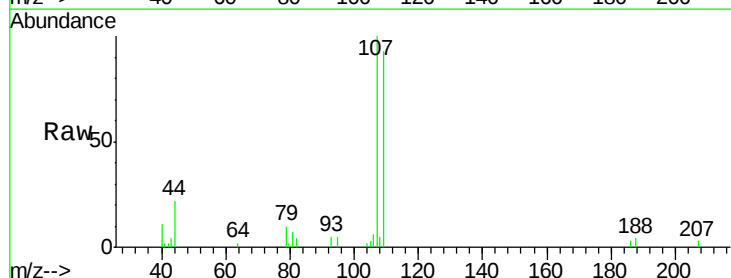
Manual Integrations
APPROVED

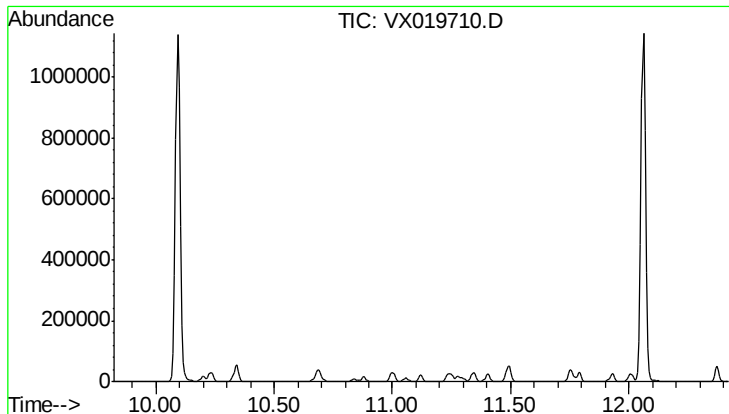
MMDadoda
12/7/2020 10:56:08 AM



#61
1,2-Dibromoethane
Concen: 0.939 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Tgt Ion:107 Resp: 4058
Ion Ratio Lower Upper
107 100
109 88.1 75.8 113.6





#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 11.12 min

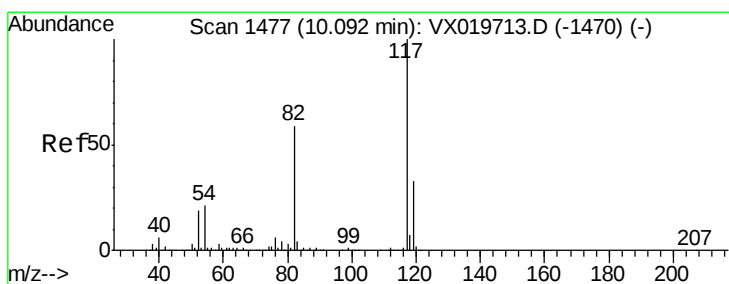
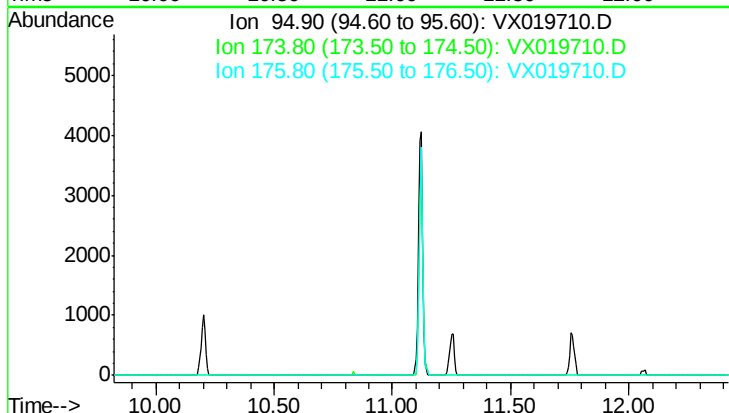
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Lab File: VX019710.D
 Acq: 04 Dec 2020 10:49

Tot Ion	95
Sig	Exp Ratio
95	100
174	77.3
176	77.9

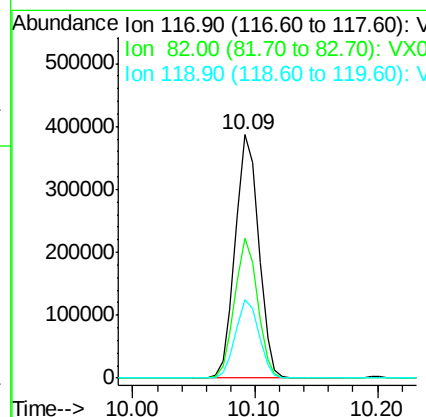
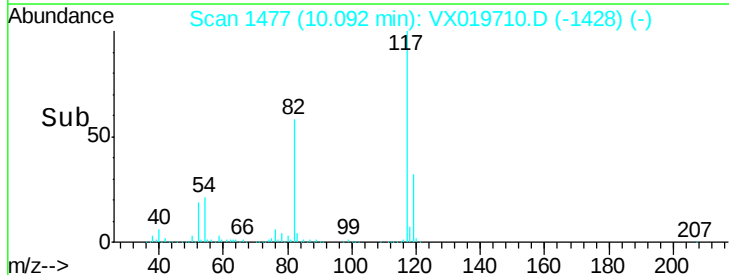
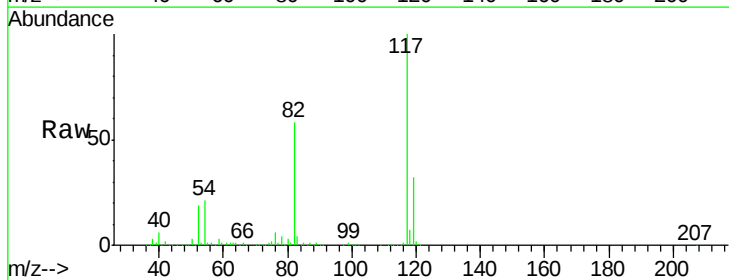
Manual Integrations
 APPROVED

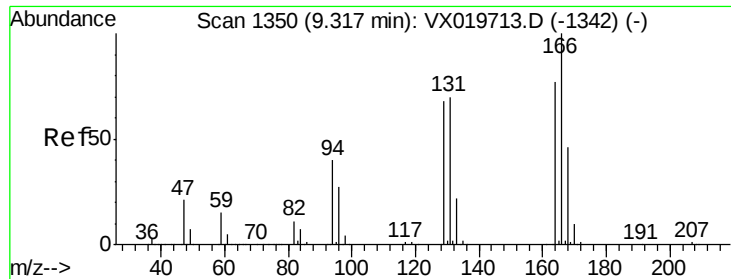
MMDadoda
 12/7/2020 10:56:08 AM



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.09 min Scan# 1477
 Delta R.T. 0.00 min
 Lab File: VX019710.D
 Acq: 04 Dec 2020 10:49

Tgt Ion	117	Resp	511277
Ion	Ratio	Lower	Upper
117	100		
82	57.6	47.4	71.2
119	32.1	26.6	39.8





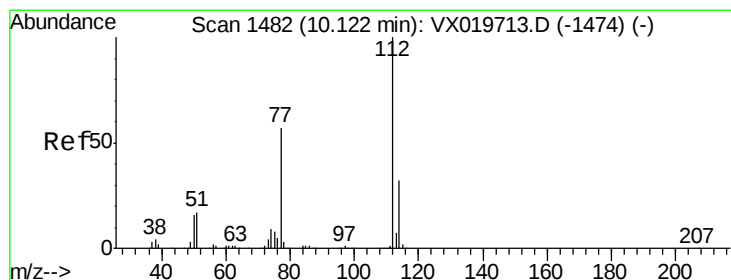
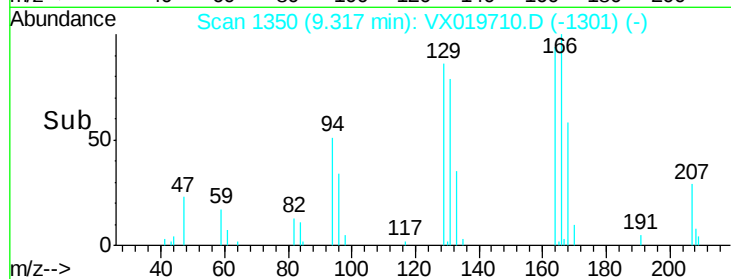
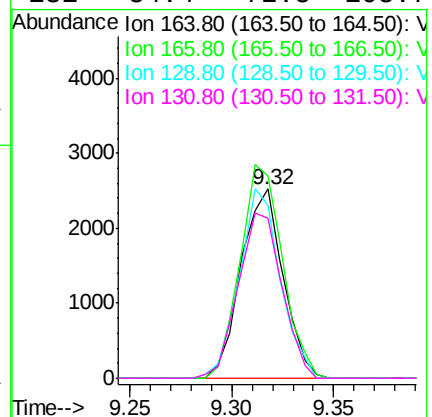
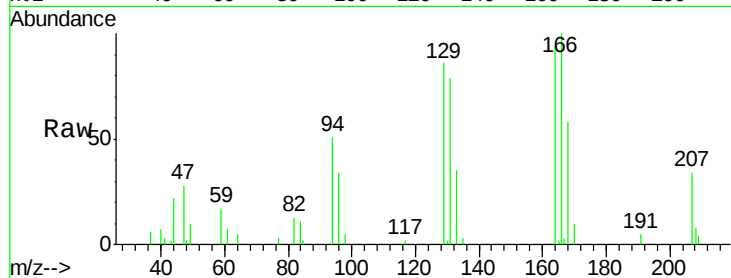
#64
Tetrachloroethene
Concen: 1.024 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
164	100		
166	106.6	103.4	155.2
129	91.4	70.8	106.2
131	84.4	72.5	108.7

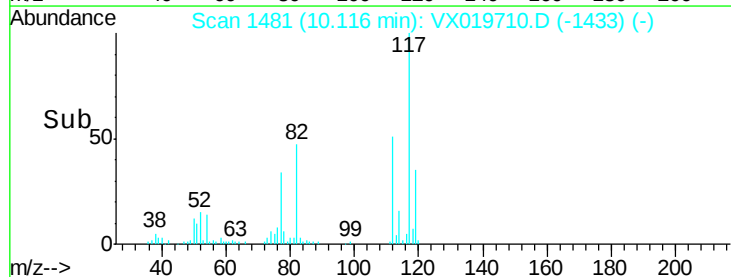
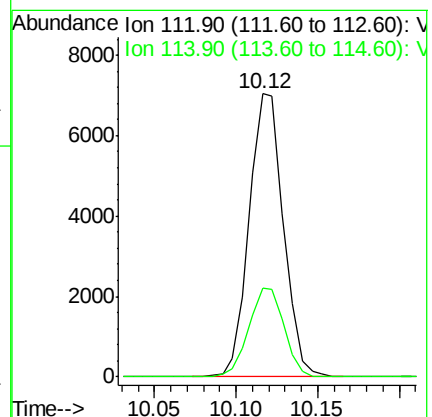
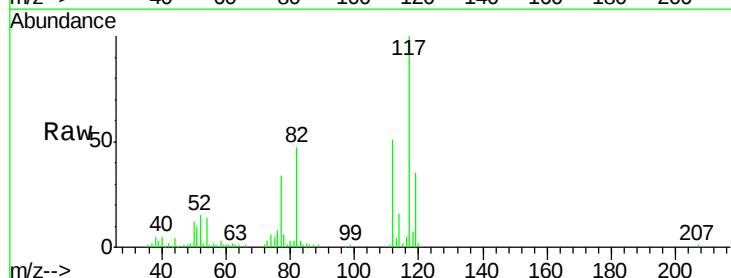
Manual Integrations
APPROVED

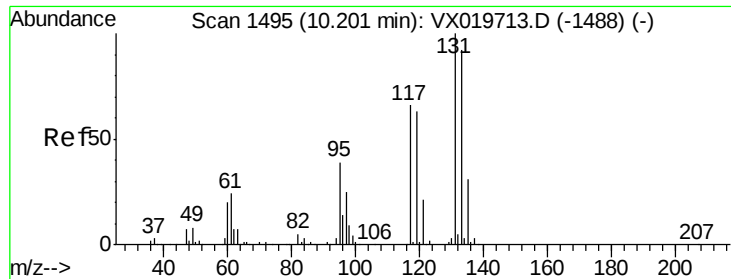
MMDadoda
12/7/2020 10:56:08 AM



#65
Chlorobenzene
Concen: 0.971 ug/l
RT: 10.12 min Scan# 1481
Delta R.T. -0.01 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.8	38.6





#66

1,1,1,2-Tetrachloroethane

Concen: 0.868 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

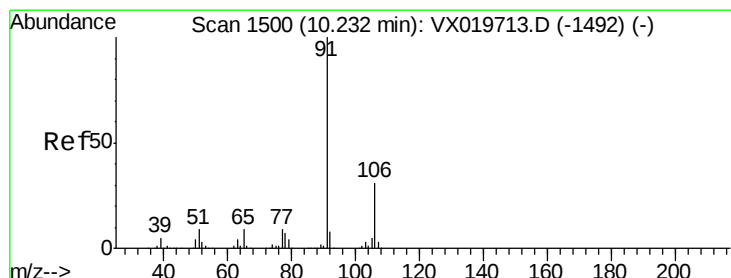
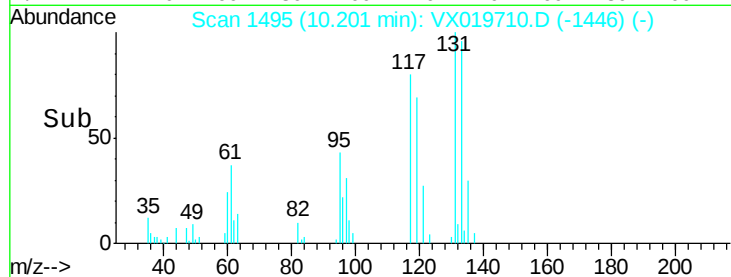
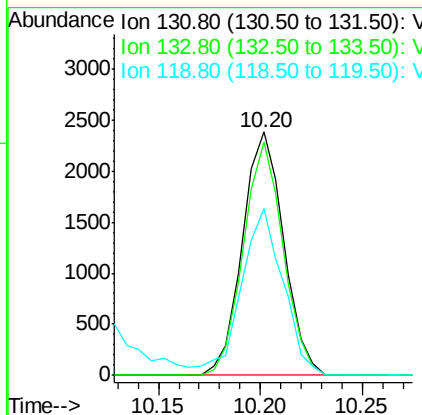
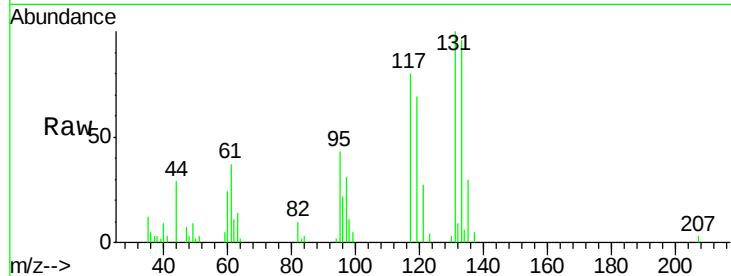
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	92.4	47.7	143.1
119	0.0	32.1	96.5#

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:56:08 AM



#67

Ethyl Benzene

Concen: 0.917 ug/l

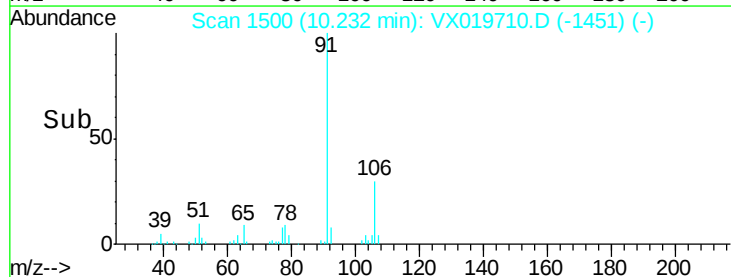
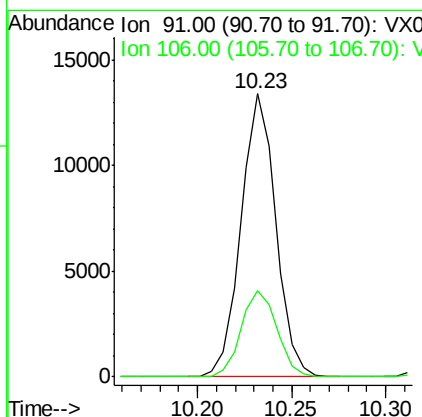
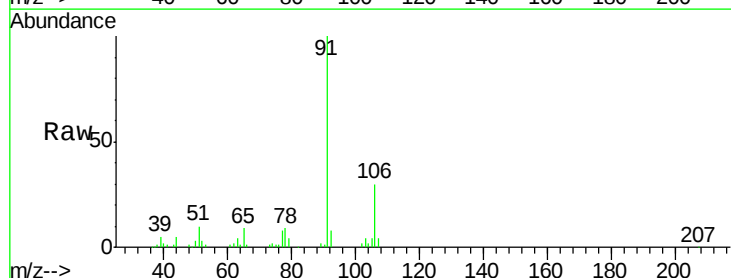
RT: 10.23 min Scan# 1500

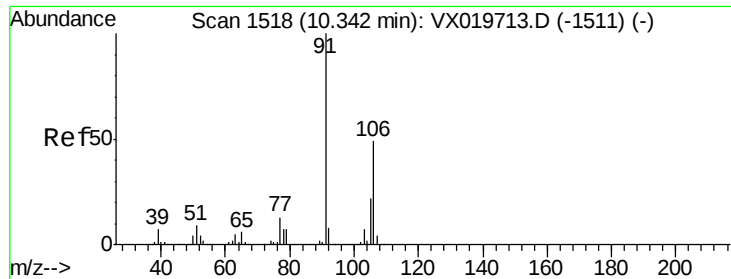
Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.3	24.6	37.0





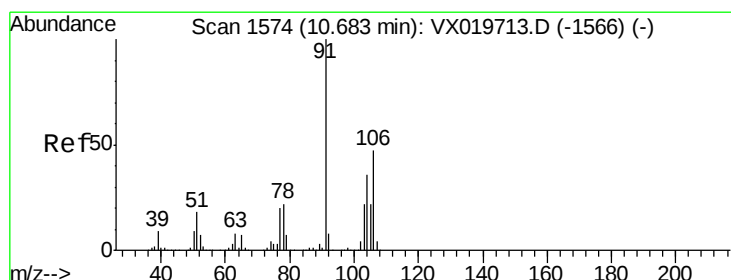
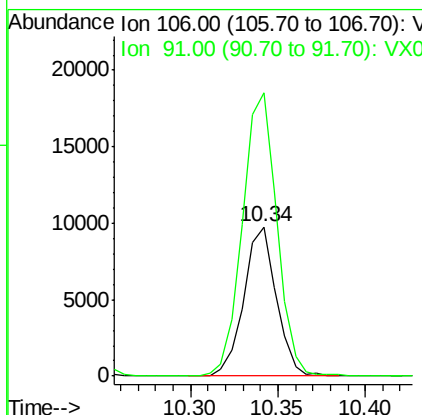
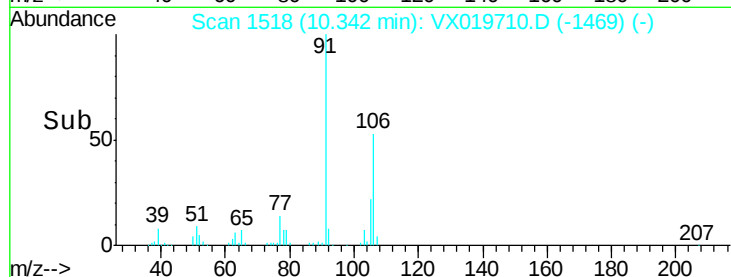
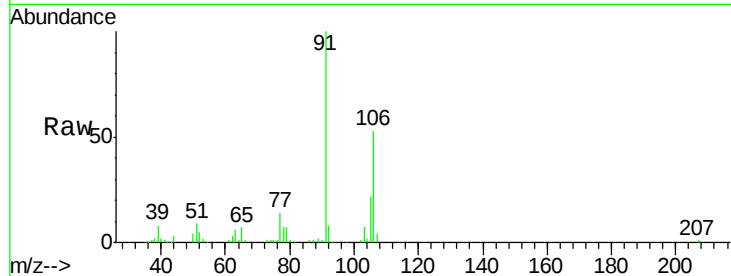
#68
m/p-Xylenes
Concen: 1.802 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tot Ion:106 Resp: 12599
Ion Ratio Lower Upper
106 100
91 201.0 162.8 244.2

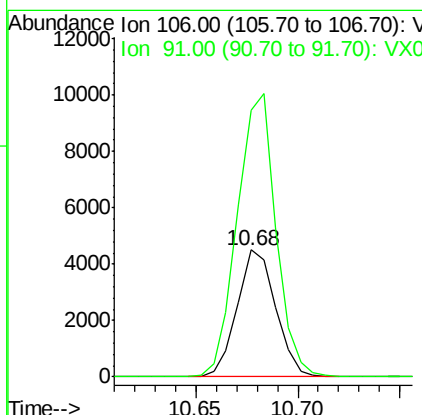
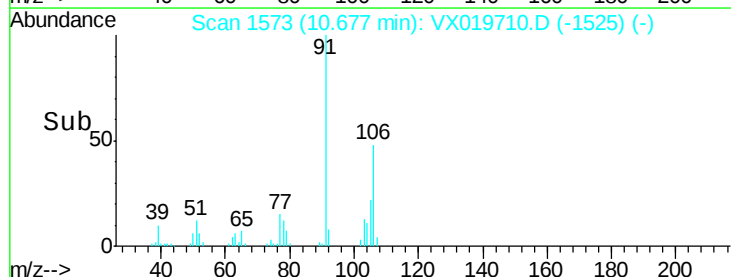
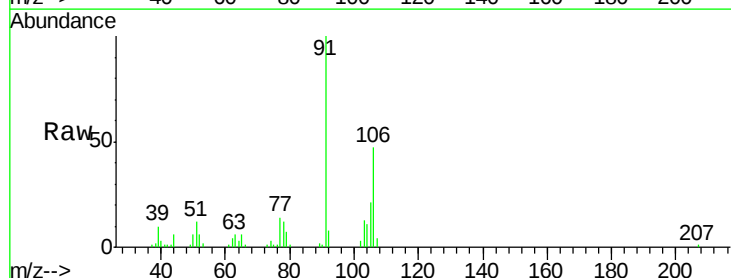
Manual Integrations
APPROVED

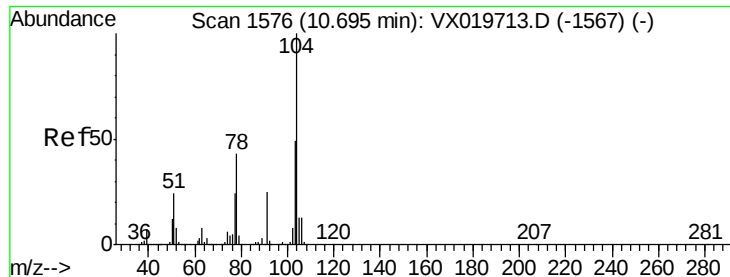
MMDadoda
12/7/2020 10:56:08 AM



#69
o-Xylene
Concen: 0.872 ug/l
RT: 10.68 min Scan# 1573
Delta R.T. -0.01 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Tgt Ion:106 Resp: 5919
Ion Ratio Lower Upper
106 100
91 223.6 108.1 324.2





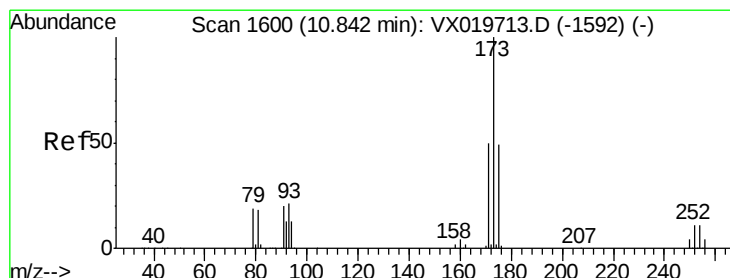
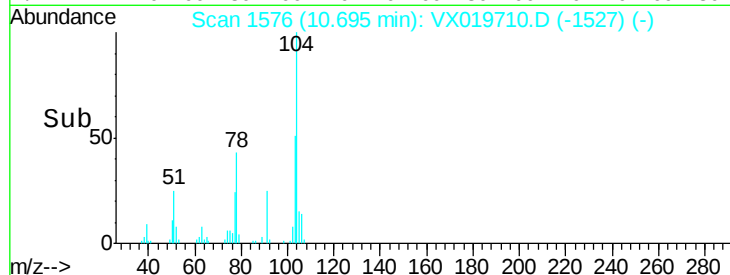
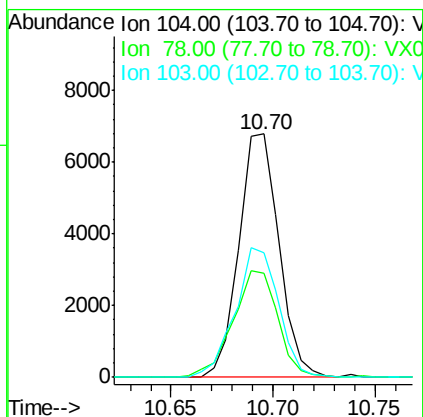
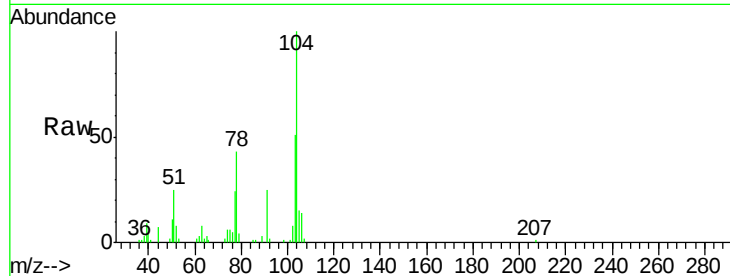
#70
Stvrene
Concen: 0.814 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.3	40.0	60.0
103	57.6	43.4	65.0

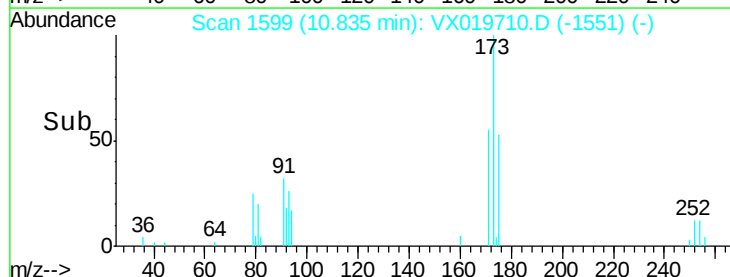
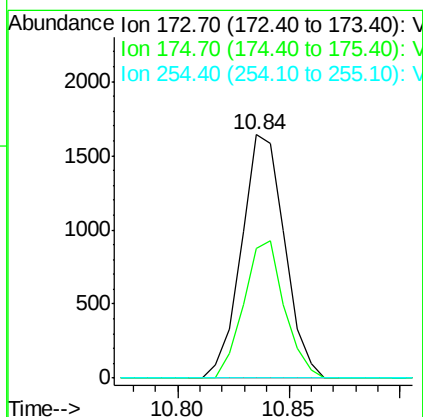
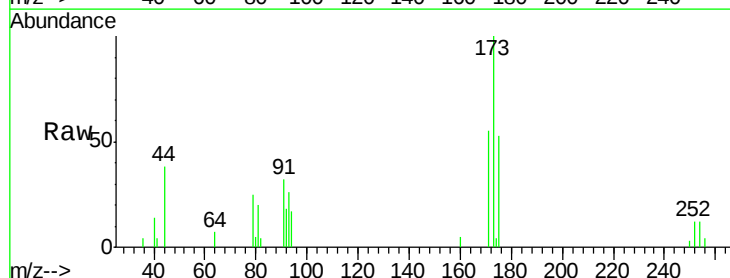
Manual Integrations
APPROVED

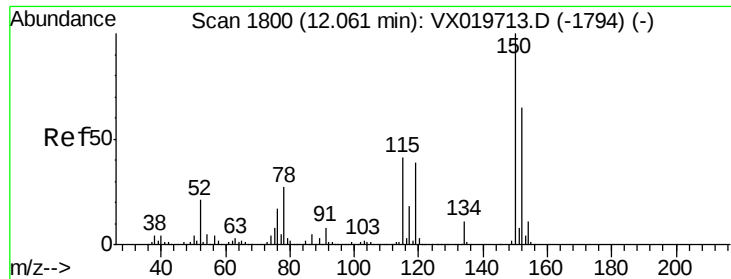
MMDadoda
12/7/2020 10:56:08 AM



#71
Bromoform
Concen: 0.743 ug/l
RT: 10.84 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Tgt Ion	Ratio	Lower	Upper
173	100		
175	53.1	23.9	71.8
254	0.0	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

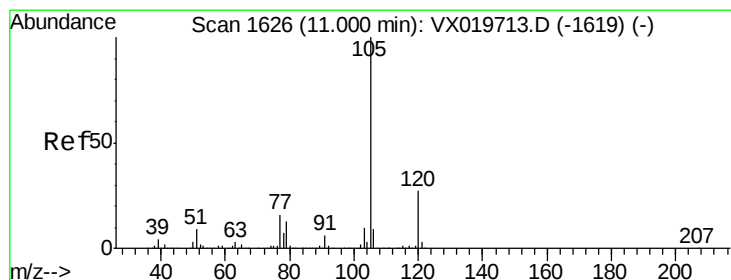
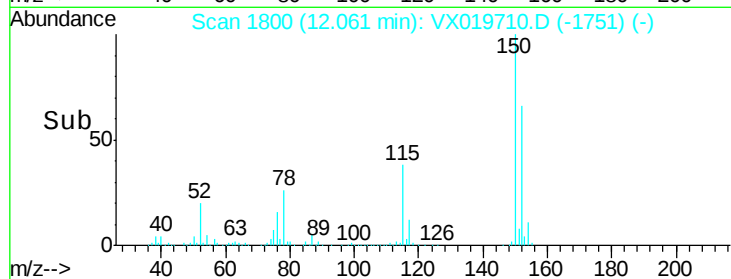
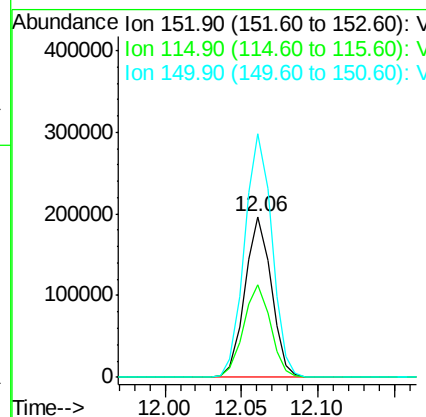
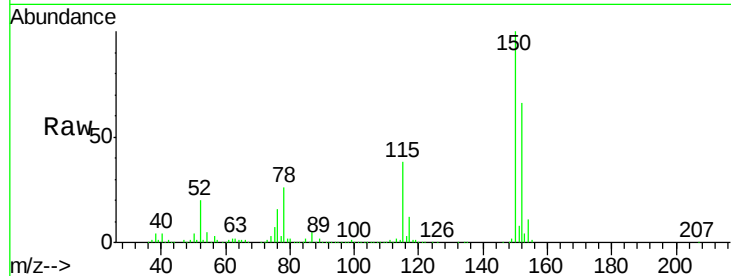
ClientSampleId :

VSTDIC001

Tot Ion:	152	Resp:	235452
Ion Ratio	Lower	Upper	
152	100		
115	59.3	41.1	123.3
150	157.6	0.0	349.0

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:56:08 AM



#73

Isopropylbenzene

Concen: 0.931 ug/l

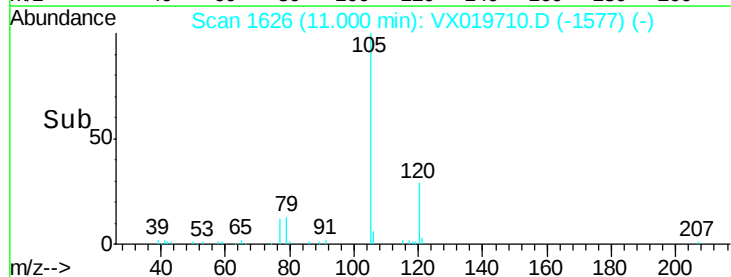
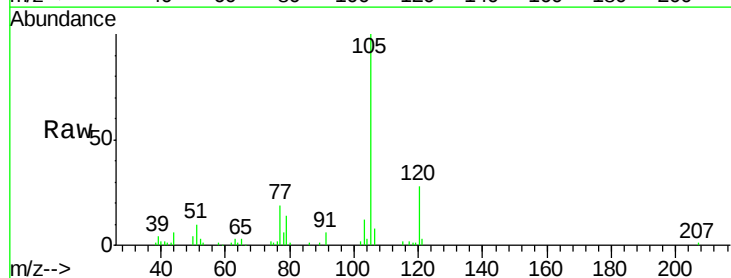
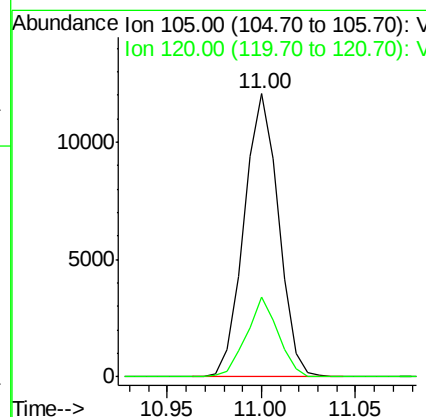
RT: 11.00 min Scan# 1626

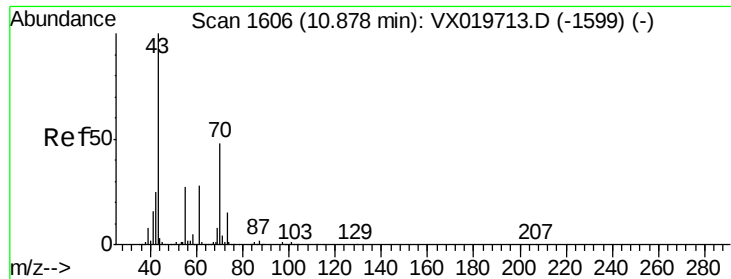
Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Tgt Ion:	105	Resp:	15267
Ion Ratio	Lower	Upper	
105	100		
120	26.2	13.2	39.6





#74

N-amvl acetate

Concen: 0.891 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

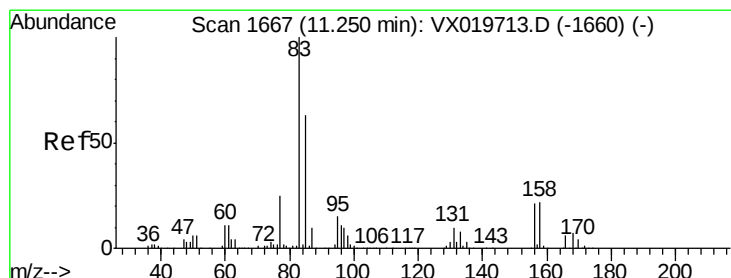
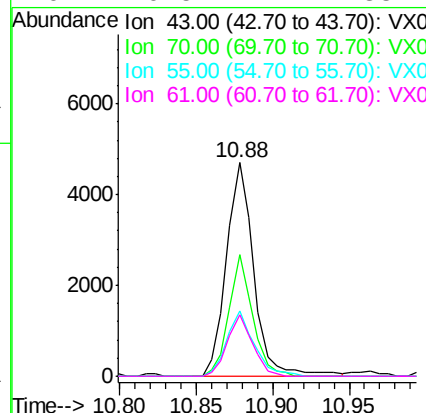
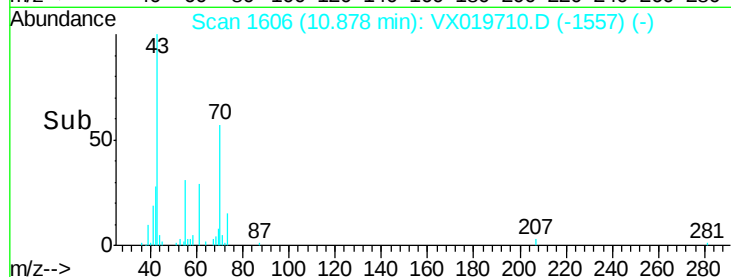
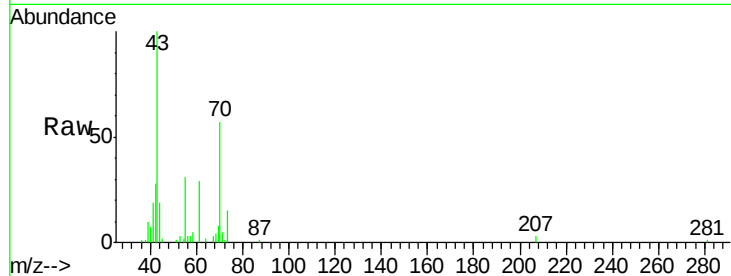
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	5865
Ion	Ratio	Lower	Upper
43	100		
70	48.9	39.0	58.6
55	30.5	21.5	32.3
61	26.5	22.1	33.1

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:56:08 AM



#75

1,1,2,2-Tetrachloroethane

Concen: 0.965 ug/l

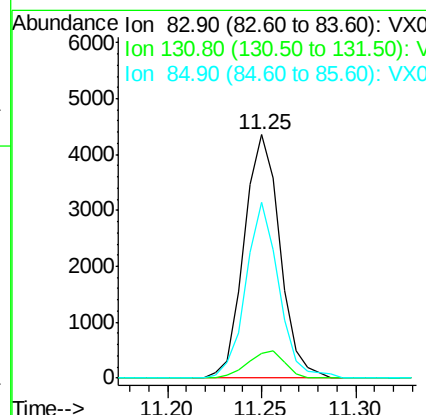
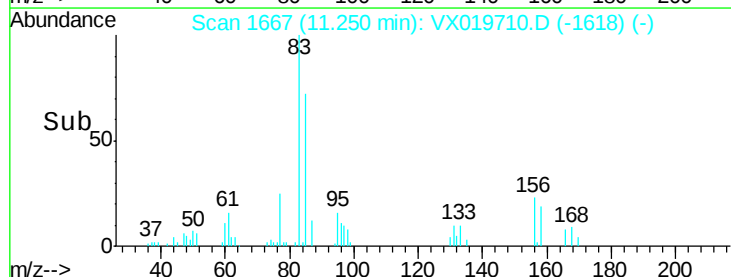
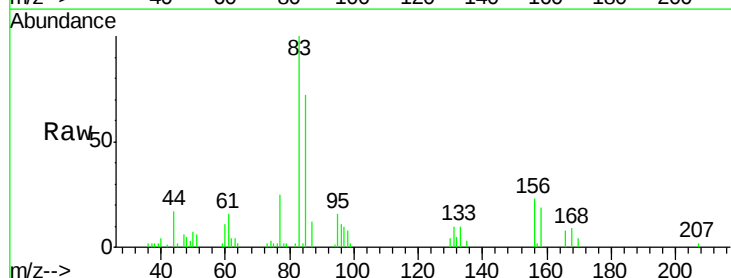
RT: 11.25 min Scan# 1667

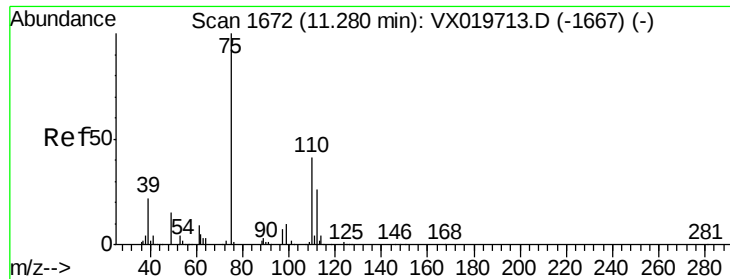
Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Tgt Ion:	83	Resp:	5730
Ion	Ratio	Lower	Upper
83	100		
131	11.3	5.1	15.2
85	66.8	31.8	95.4





#76

1,2,3-Trichloropropane

Concen: 0.997 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 75 Resp: 5380

Ion Ratio Lower Upper

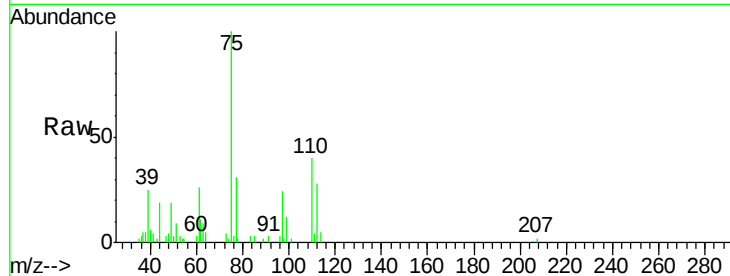
75 100

77 37.3 19.1 57.5

Manual Integrations
APPROVED

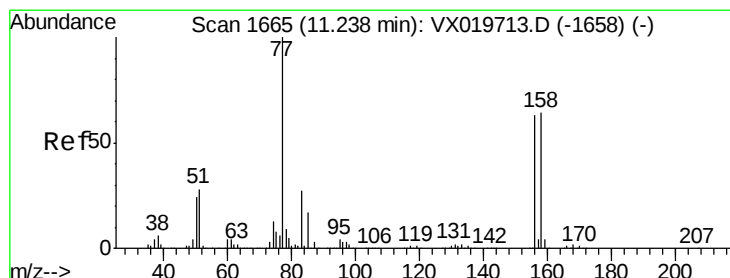
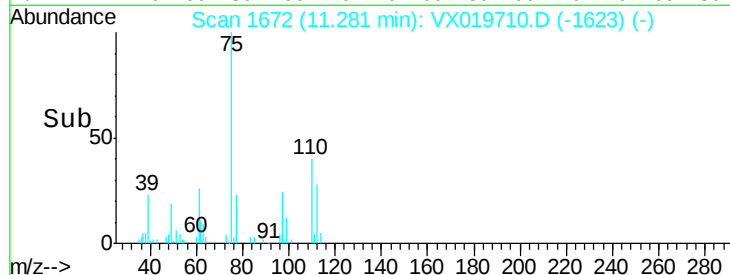
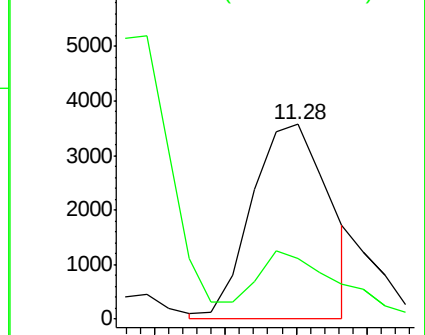
MMDadoda

12/7/2020 10:56:08 AM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#77

Bromobenzene

Concen: 0.977 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

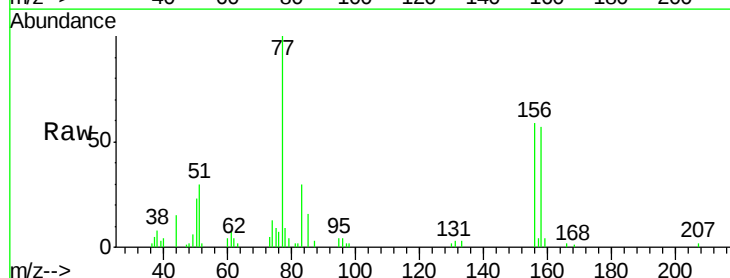
Tgt Ion: 156 Resp: 4152

Ion Ratio Lower Upper

156 100

77 162.8 82.8 248.6

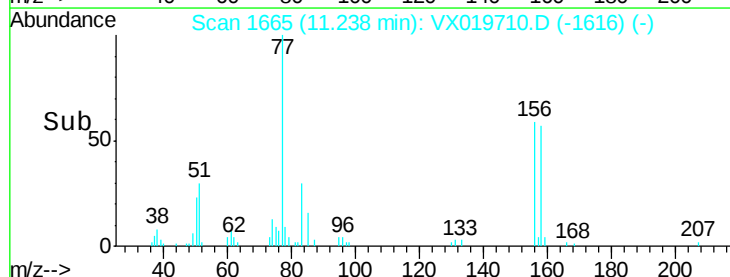
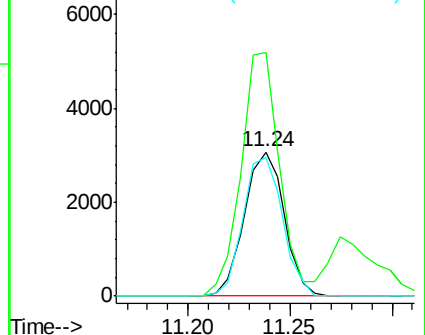
158 95.6 49.1 147.4

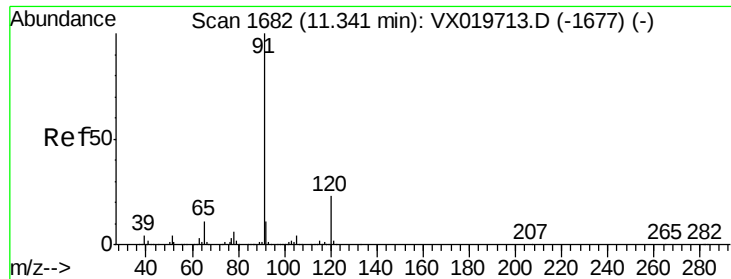


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 0.904 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 17087

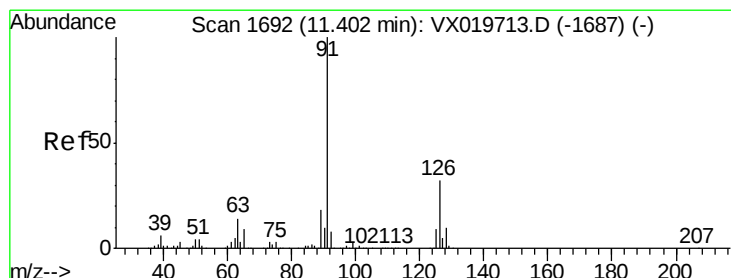
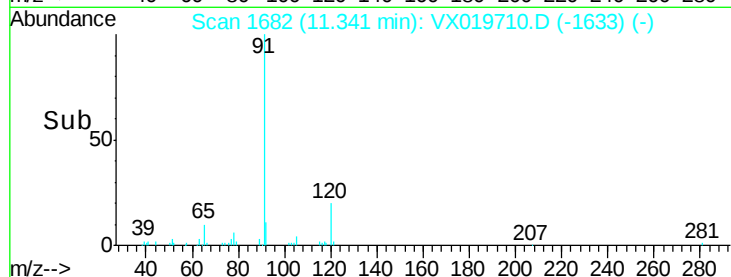
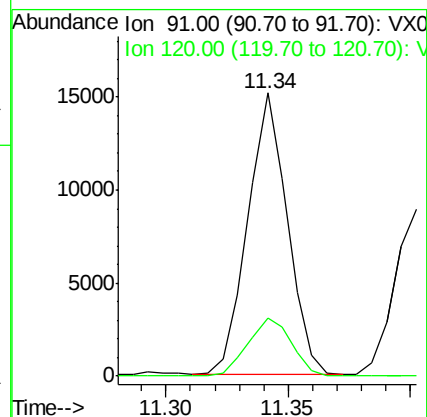
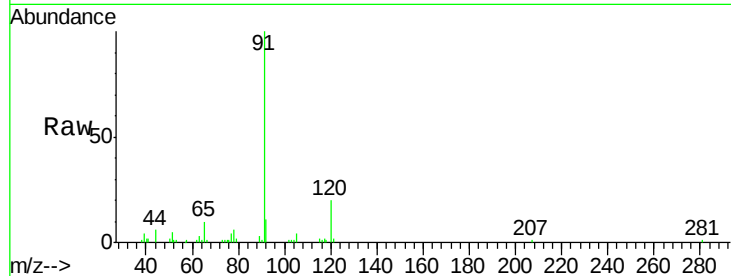
Ion Ratio Lower Upper

91 100

120 22.4 11.5 34.5

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:56:08 AM



#79

2-Chlorotoluene

Concen: 0.979 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX019710.D

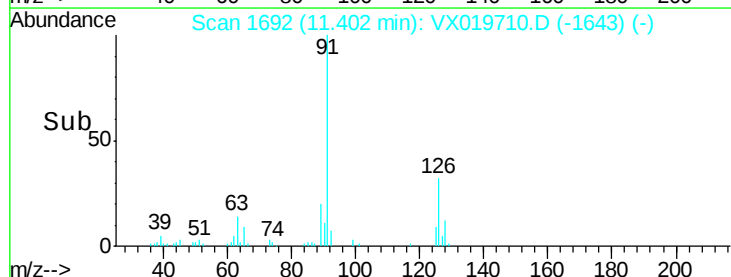
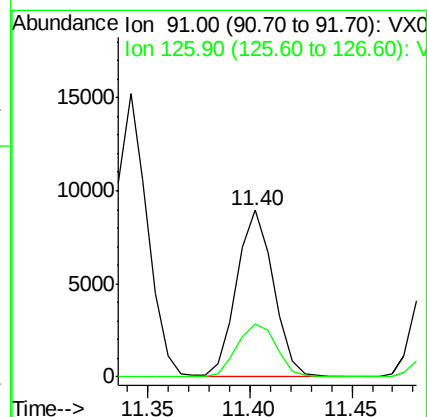
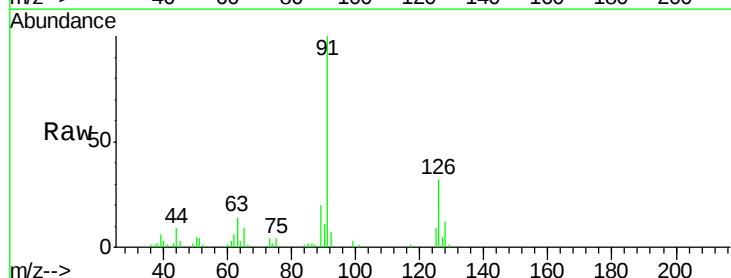
Acq: 04 Dec 2020 10:49

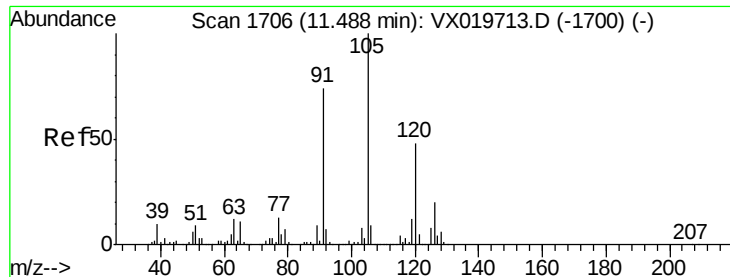
Tgt Ion: 91 Resp: 11259

Ion Ratio Lower Upper

91 100

126 33.9 16.6 49.8





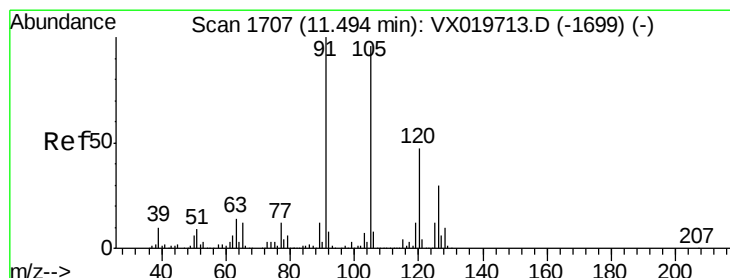
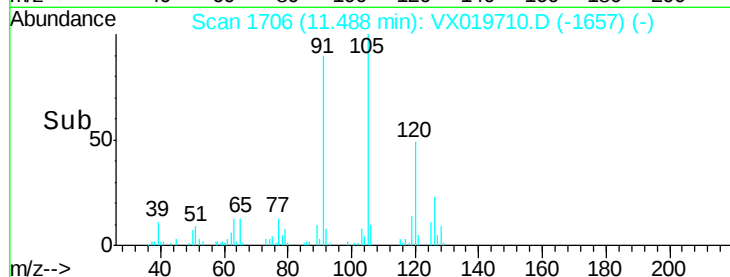
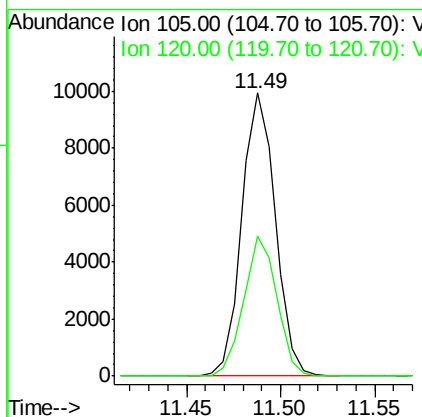
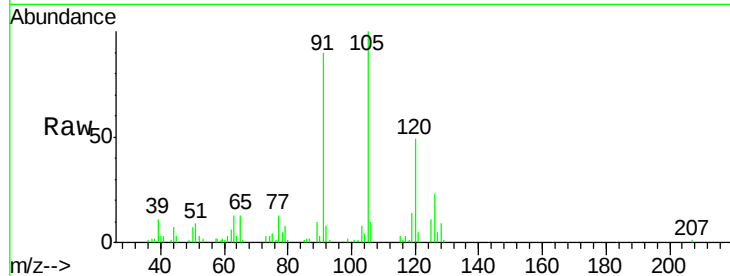
#80
 1,3,5-Trimethylbenzene
 Concen: 0.885 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX019710.D
 Acq: 04 Dec 2020 10:49

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
120	48.8	23.8	71.5

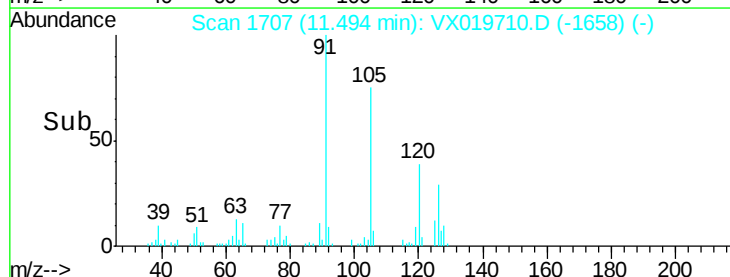
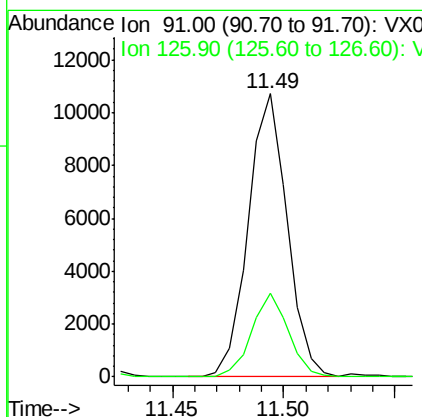
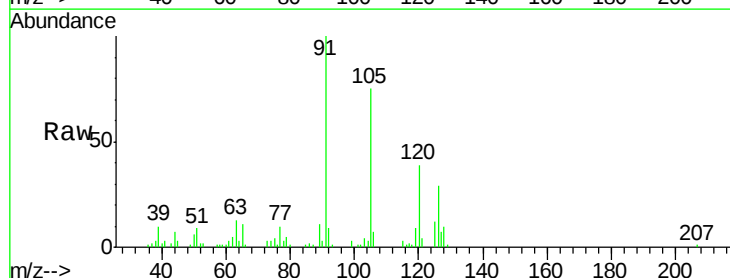
Manual Integrations
 APPROVED

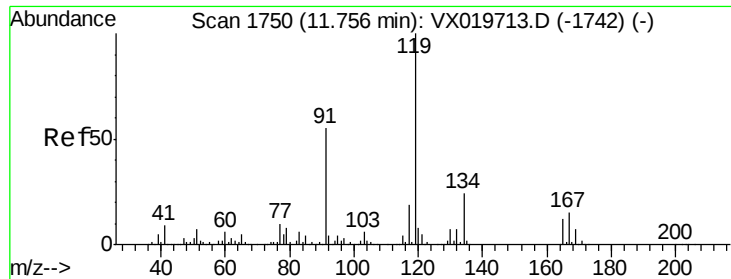
MMDadoda
 12/7/2020 10:56:08 AM



#82
 4-Chlorotoluene
 Concen: 0.976 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX019710.D
 Acq: 04 Dec 2020 10:49

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.8	14.9	44.5





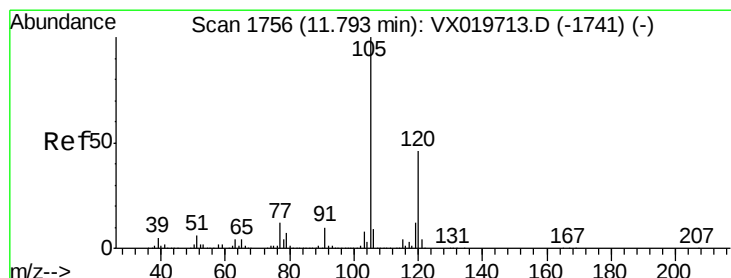
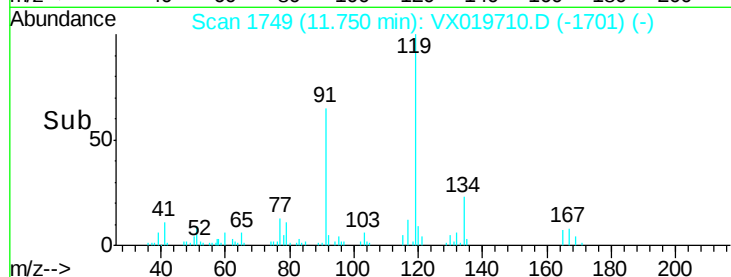
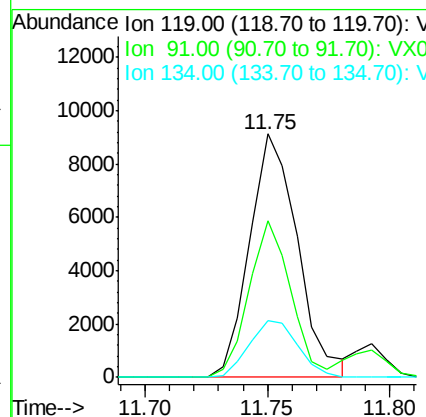
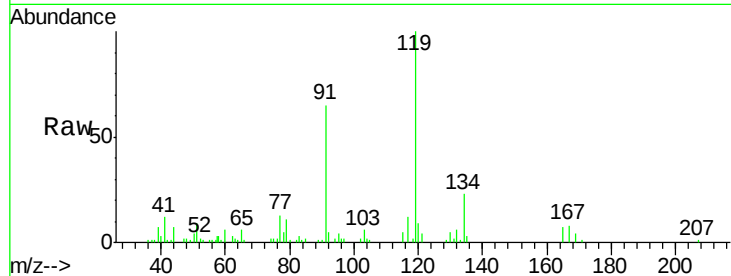
#83
tert-Butylbenzene
Concen: 0.909 ug/l
RT: 11.75 min Scan# 1749
Delta R.T. -0.01 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.2	27.9	83.7
134	23.6	11.3	33.9

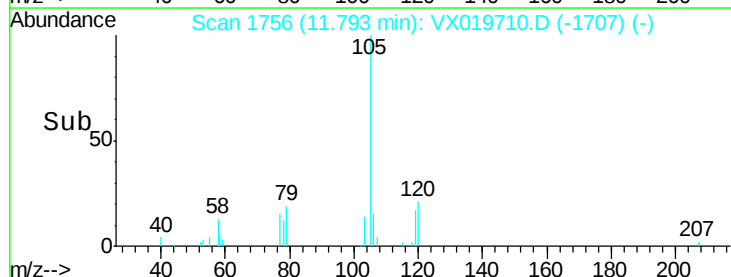
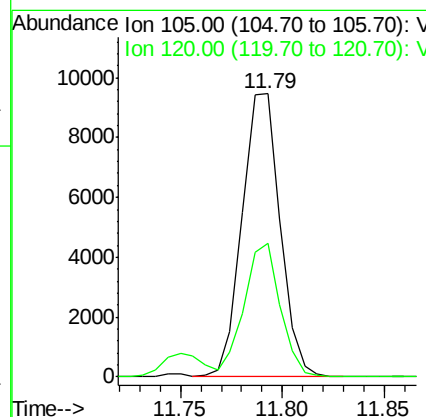
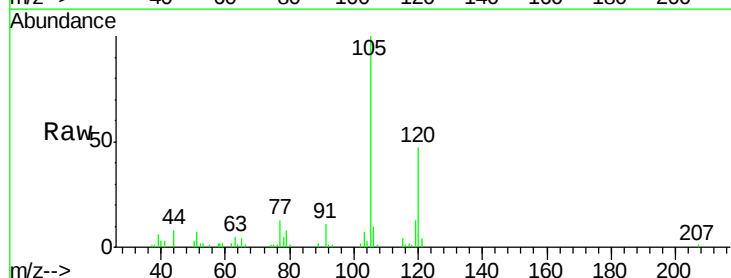
Manual Integrations
APPROVED

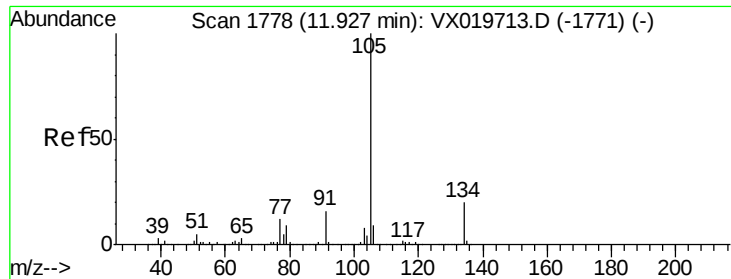
MMDadoda
12/7/2020 10:56:08 AM



#84
1,2,4-Trimethylbenzene
Concen: 0.876 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.4	67.3





#85

sec-Butylbenzene

Concen: 0.887 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 13834

Ion Ratio Lower Upper

105 100

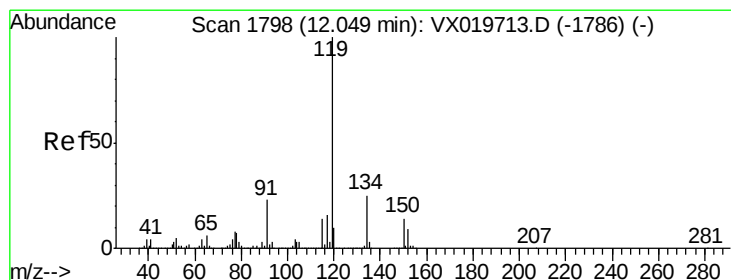
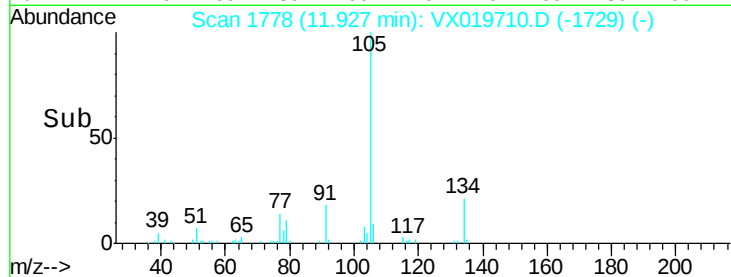
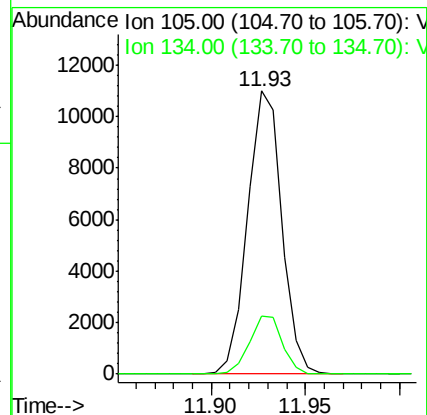
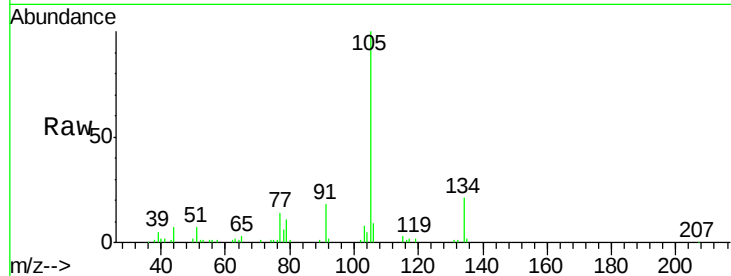
134 19.7 10.0 29.8

Manual Integrations

APPROVED

MMDadoda

12/7/2020 10:56:08 AM



#86

p-Isopropyltoluene

Concen: 0.849 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

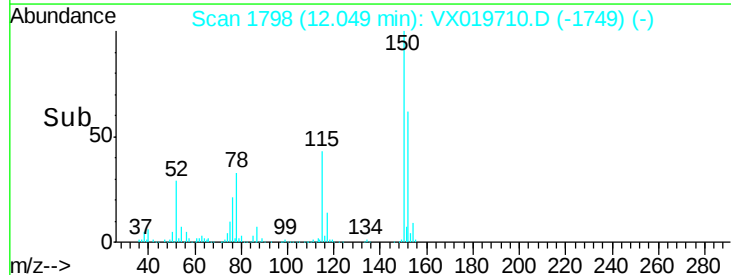
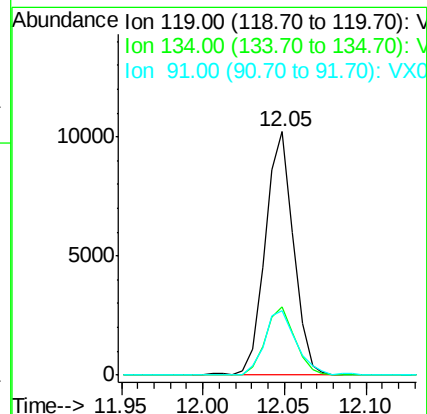
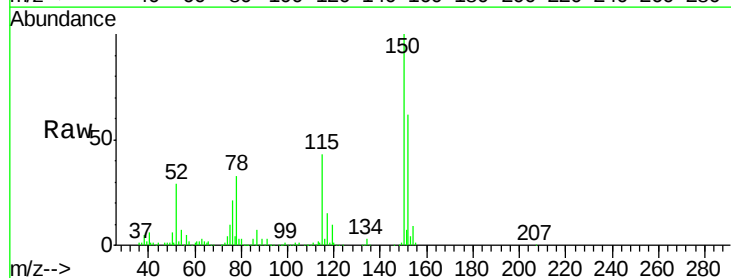
Tgt Ion:119 Resp: 12210

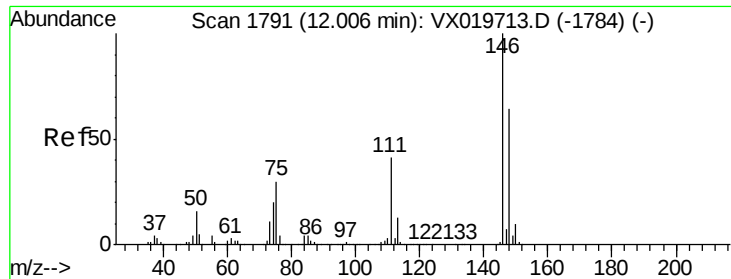
Ion Ratio Lower Upper

119 100

134 29.1 12.9 38.7

91 29.6 11.7 35.0





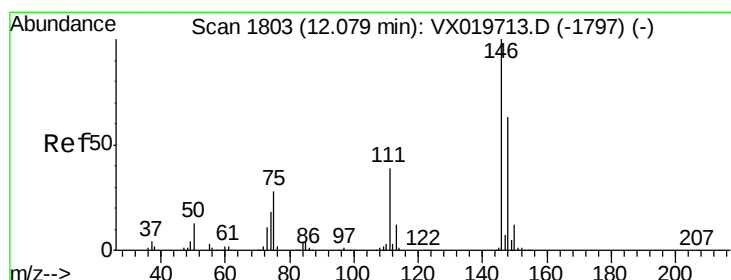
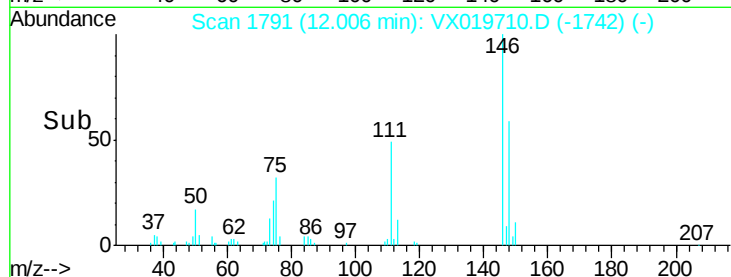
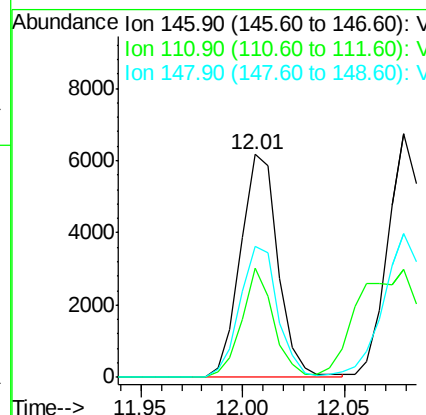
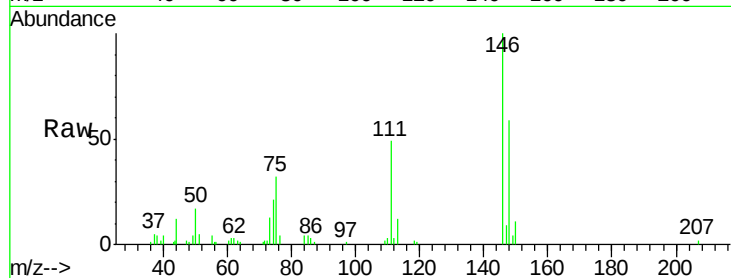
#87
 1,3-Dichlorobenzene
 Concen: 1.018 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019710.D
 Acq: 04 Dec 2020 10:49

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.2	60.5
148	59.2	31.9	95.7

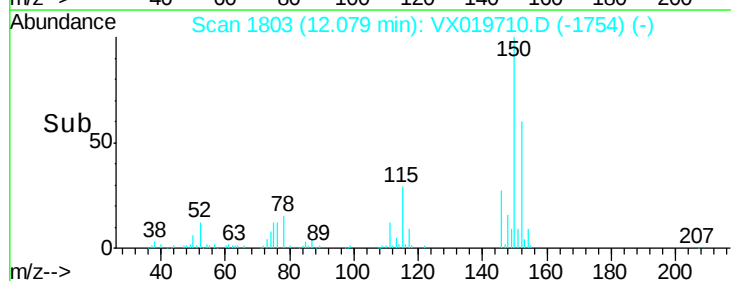
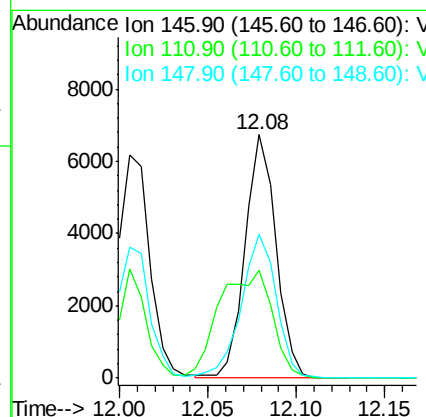
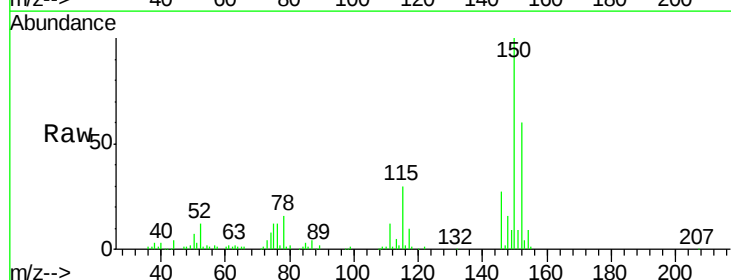
Manual Integrations
 APPROVED

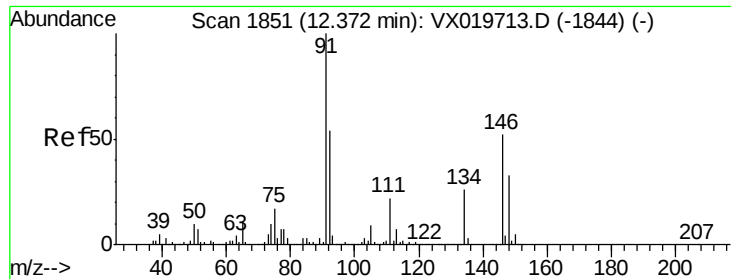
MMDadoda
 12/7/2020 10:56:08 AM



#88
 1,4-Dichlorobenzene
 Concen: 1.042 ug/l m
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019710.D
 Acq: 04 Dec 2020 10:49

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.6	58.8
148	56.6	31.6	95.0





#89

n-Butylbenzene

Concen: 0.890 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

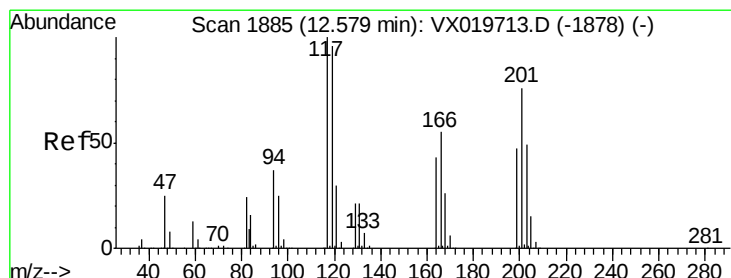
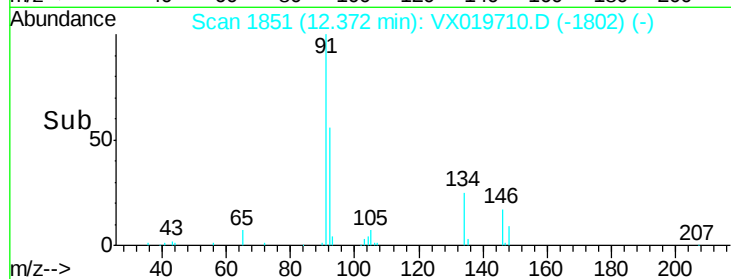
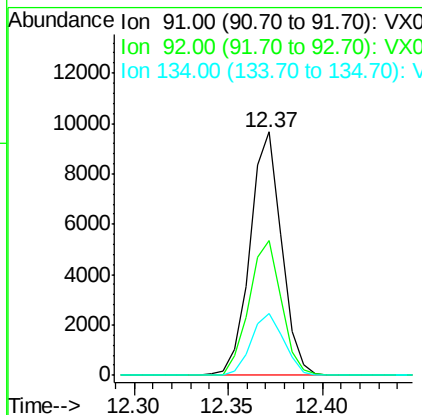
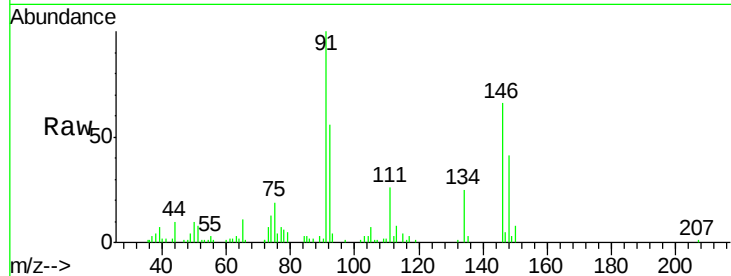
ClientSampleId :

VSTDIC001

Tot Ion:	91	Resp:	11216
Ion	Ratio	Lower	Upper
91	100		
92	56.8	27.4	82.0
134	26.2	13.2	39.5

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:56:08 AM



#90

Hexachloroethane

Concen: 0.876 ug/l

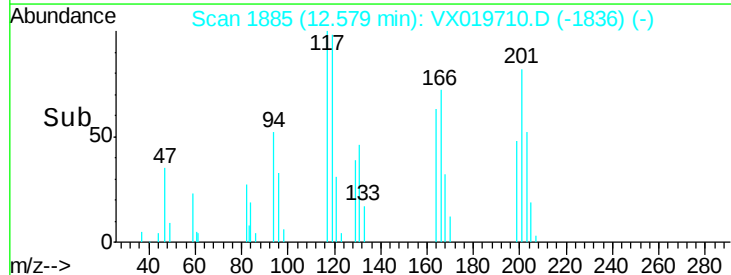
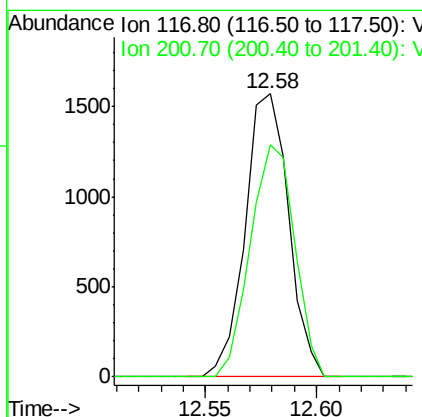
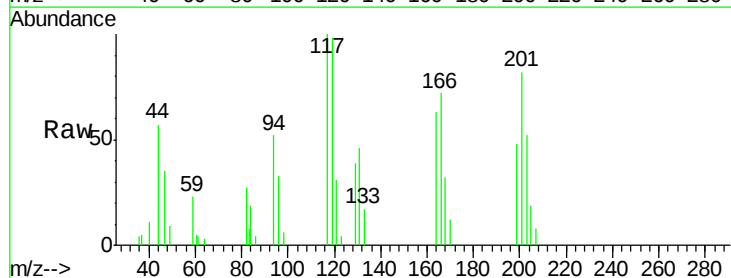
RT: 12.58 min Scan# 1885

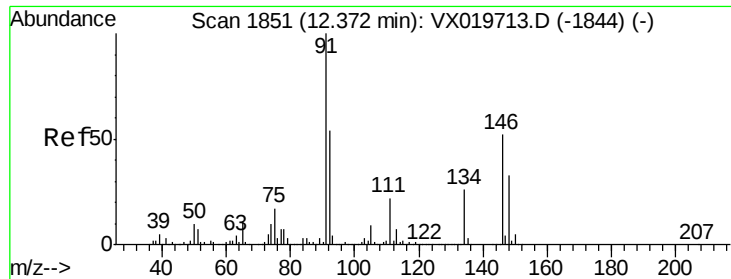
Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Tgt Ion:	117	Resp:	2143
Ion	Ratio	Lower	Upper
117	100		
201	83.4	40.4	121.2





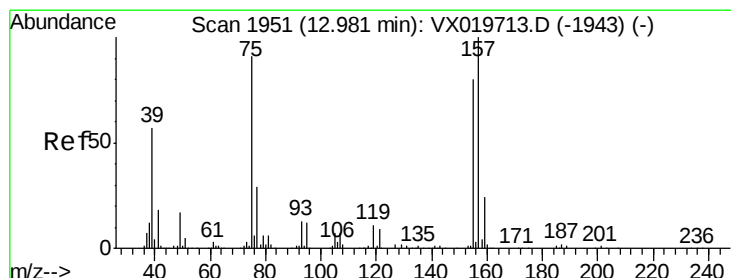
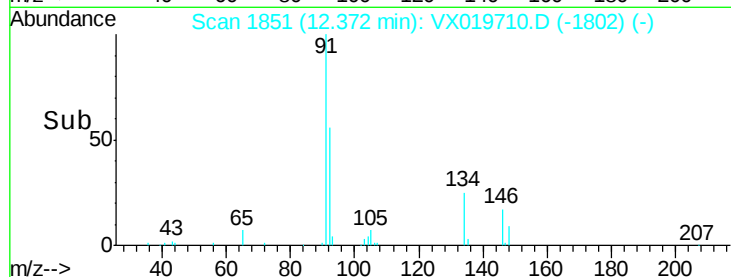
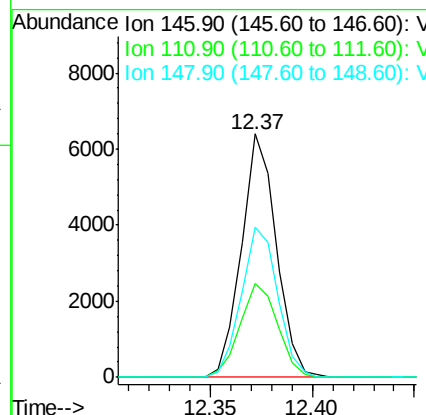
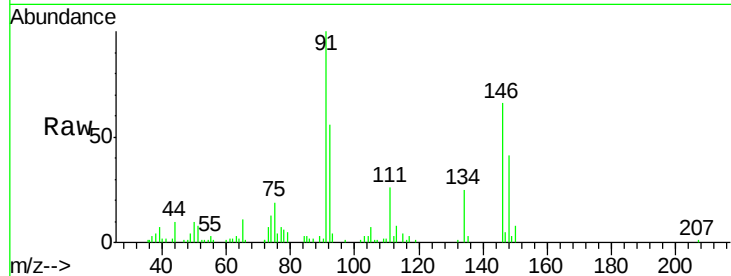
#91
 1,2-Dichlorobenzene
 Concen: 1.003 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. 0.00 min
 Lab File: VX019710.D
 Acq: 04 Dec 2020 10:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.6	20.8	62.2
148	64.4	31.9	95.5

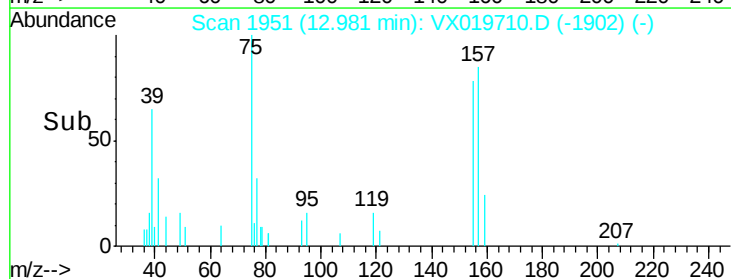
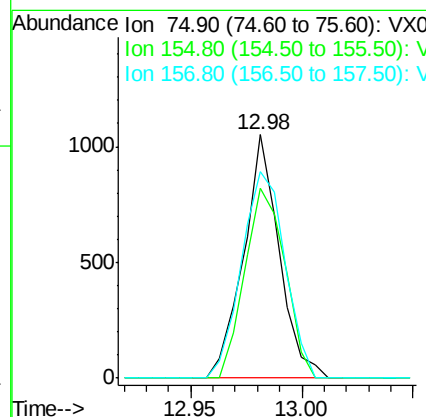
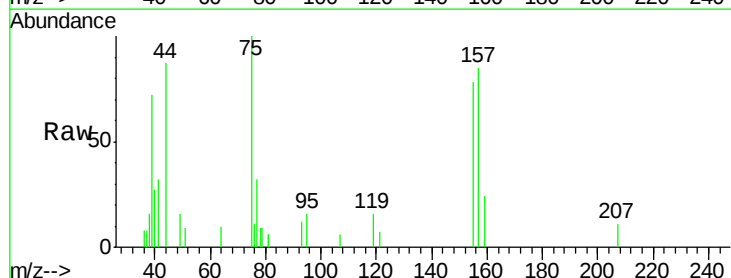
Manual Integrations
 APPROVED

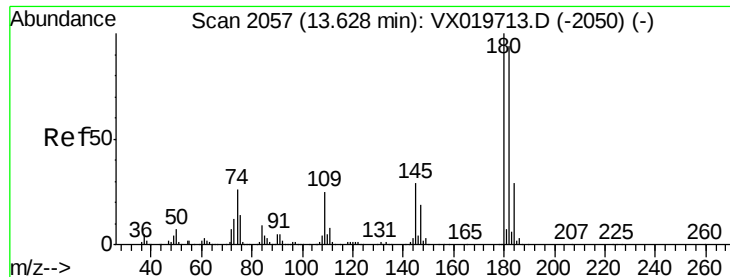
MMDadoda
 12/7/2020 10:56:08 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.938 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019710.D
 Acq: 04 Dec 2020 10:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.8	45.3	135.9
157	103.0	57.7	173.1





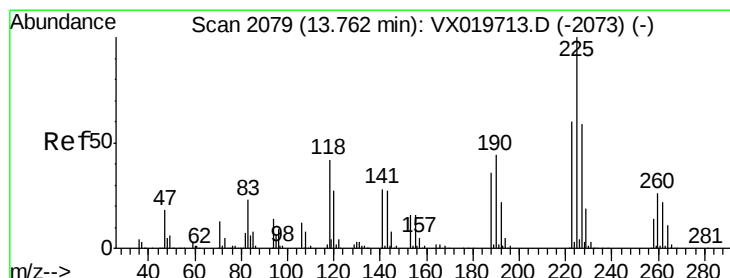
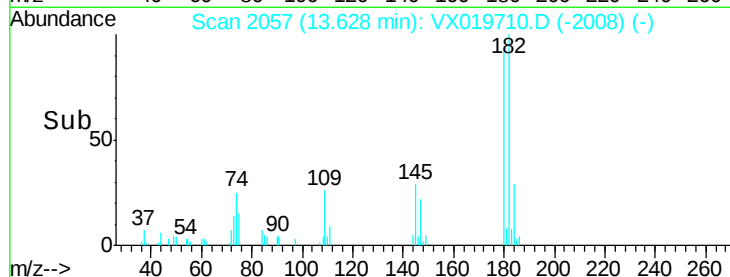
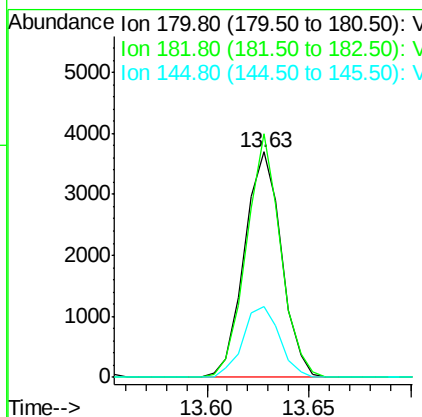
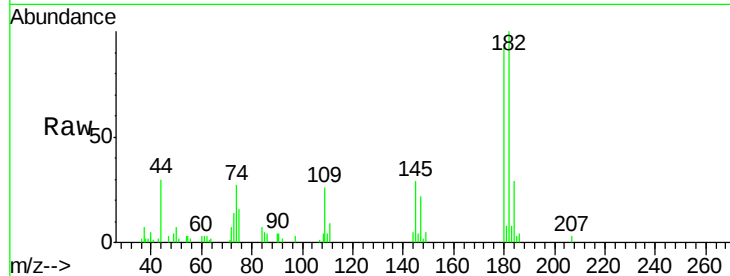
#93
1,2,4-Trichlorobenzene
Concen: 0.950 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.8	47.7	143.1
145	31.0	15.0	45.0

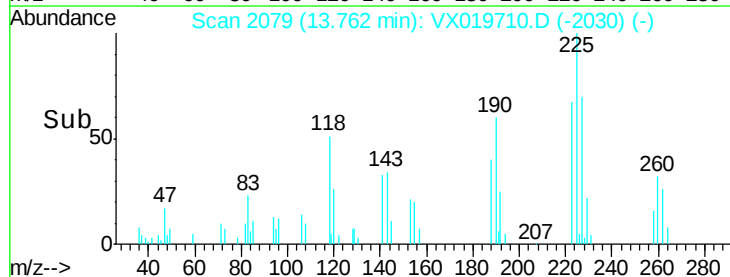
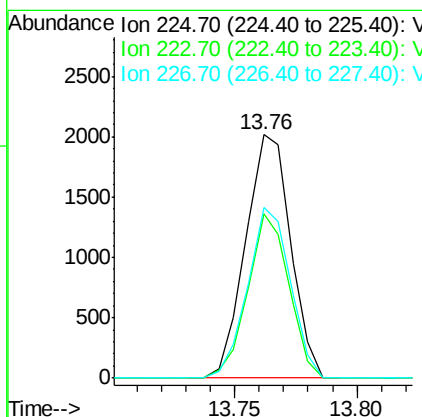
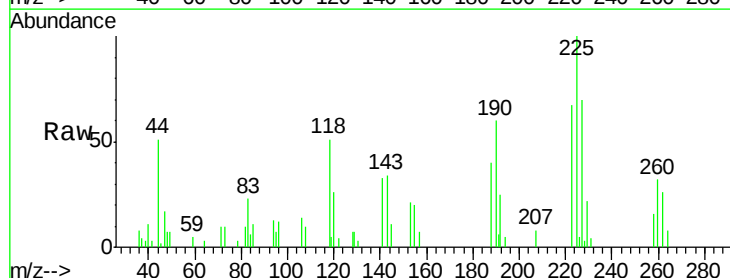
Manual Integrations
APPROVED

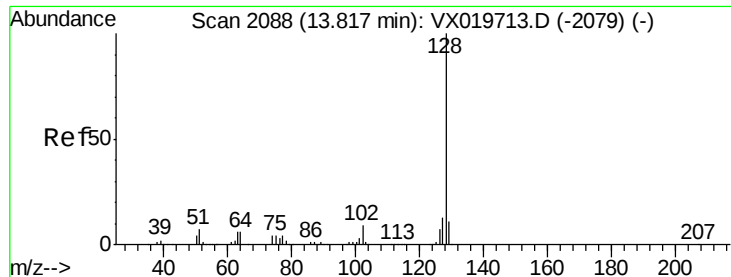
MMDadoda
12/7/2020 10:56:08 AM



#94
Hexachlorobutadiene
Concen: 1.246 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.1	93.2
227	66.4	31.6	95.0





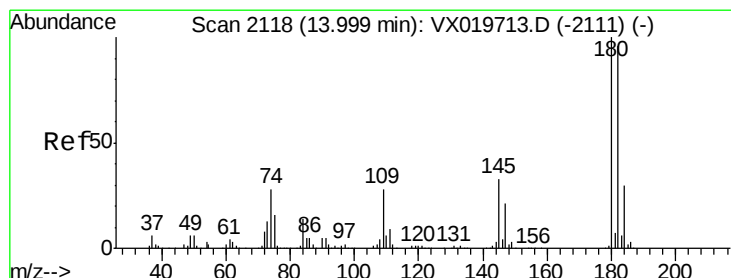
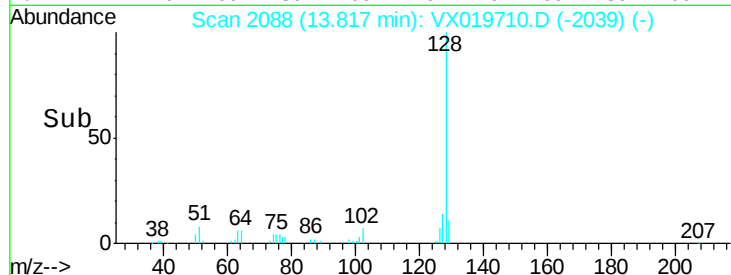
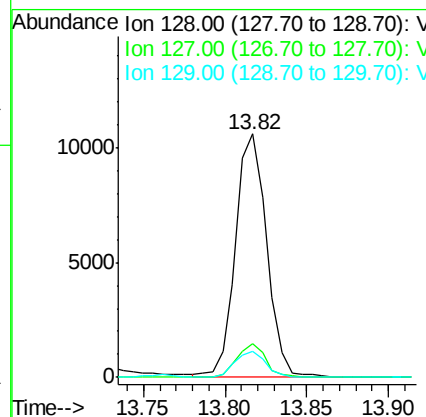
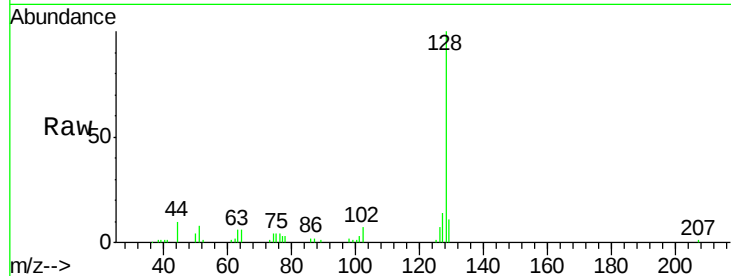
#95
Naphthalene
Concen: 0.890 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.3	15.5
129	10.3	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
12/7/2020 10:56:08 AM



#96
1,2,3-Trichlorobenzene
Concen: 0.934 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.6	142.9
145	31.1	16.1	48.3

