

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110719\
 Data File : VX013343.D
 Acq On : 07 Nov 2019 10:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/8/2019 9:33:04 AM

Quant Time: Nov 07 16:23:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	747898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1131758	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1025739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	521163	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	415660	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	
35) Dibromofluoromethane	5.48	113	341074	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
50) Toluene-d8	8.71	98	1299450	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
62) 4-Bromofluorobenzene	11.13	95	473063	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	399310	46.338	ug/l	100
3) Chloromethane	1.31	50	423611	45.331	ug/l	100
4) Vinyl Chloride	1.40	62	487991	45.869	ug/l	99
5) Bromomethane	1.63	94	299646	40.417	ug/l	99
6) Chloroethane	1.71	64	264992	43.416	ug/l	99
7) Trichlorofluoromethane	1.92	101	532572	42.371	ug/l	97
8) Diethyl Ether	2.17	74	253885	45.677	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	334819	47.793	ug/l	99
10) Methyl Iodide	2.50	142	402196	46.371	ug/l	98
11) Tert butyl alcohol	3.03	59	452837	193.907	ug/l	100
12) 1,1-Dichloroethene	2.36	96	325758	47.484	ug/l	98
13) Acrolein	2.28	56	320730	253.404	ug/l	98
14) Allyl chloride	2.72	41	607936	48.771	ug/l	97
15) Acrylonitrile	3.12	53	1031965	236.564	ug/l	99
16) Acetone	2.43	43	1063230	240.580	ug/l	100
17) Carbon Disulfide	2.56	76	874413	47.621	ug/l	99
18) Methyl Acetate	2.76	43	578993	47.454	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	1140520	49.845	ug/l	99
20) Methylene Chloride	2.84	84	372851	45.662	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	353829	47.369	ug/l	99
22) Diisopropyl ether	3.84	45	1199284	49.835	ug/l	98
23) Vinyl Acetate	3.80	43	5085450	246.958	ug/l	100
24) 1,1-Dichloroethane	3.68	63	645217	47.928	ug/l	99
25) 2-Butanone	4.65	43	1544018	238.150	ug/l	98
26) 2,2-Dichloropropane	4.57	77	532631	49.734	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	414003	49.477	ug/l	98
28) Bromochloromethane	5.00	49	197153	51.579	ug/l	99
29) Tetrahydrofuran	5.11	42	924402	231.371	ug/l	100
30) Chloroform	5.19	83	636091	47.851	ug/l	97
31) Cyclohexane	5.56	56	579720	47.857	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	533633	46.646	ug/l	99
36) 1,1-Dichloropropene	5.78	75	476238	49.051	ug/l	99
37) Ethyl Acetate	4.81	43	553964	46.175	ug/l	99
38) Carbon Tetrachloride	5.77	117	461448	48.603	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX110719\
 Data File : VX013343.D
 Acq On : 07 Nov 2019 10:29
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/8/2019 9:33:04 AM

Quant Time: Nov 07 16:23:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	600853	49.667	ug/l	98
40) Benzene	6.12	78	1451646	47.998	ug/l	99
41) Methacrylonitrile	5.02	41	324693	48.286	ug/l	98
42) 1,2-Dichloroethane	6.18	62	523750	48.011	ug/l	99
43) Isopropyl Acetate	6.43	43	923650	49.441	ug/l	99
44) Trichloroethene	7.20	130	401070	48.177	ug/l	100
45) 1,2-Dichloropropane	7.50	63	381204	49.469	ug/l	99
46) Dibromomethane	7.65	93	254460	48.364	ug/l	99
47) Bromodichloromethane	7.89	83	505507	50.951	ug/l	97
48) Methyl methacrylate	7.76	41	468577	50.247	ug/l	98
49) 1,4-Dioxane	7.73	88	194804	912.157	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	2890587	235.835	ug/l	100
52) Toluene	8.78	92	914173	48.770	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	572118	52.735	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	632544	52.122	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	382843	49.275	ug/l	98
56) Ethyl methacrylate	9.17	69	622967	47.061	ug/l	98
57) 1,3-Dichloropropane	9.36	76	644002	48.829	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	1353723	254.824	ug/l	100
59) 2-Hexanone	9.48	43	2319180	244.851	ug/l	99
60) Dibromochloromethane	9.57	129	413354	52.020	ug/l	98
61) 1,2-Dibromoethane	9.67	107	409912	49.685	ug/l	100
64) Tetrachloroethene	9.33	164	351092	47.813	ug/l	98
65) Chlorobenzene	10.13	112	1005686	48.428	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	378344	49.619	ug/l	100
67) Ethyl Benzene	10.25	91	1779119	49.639	ug/l	100
68) m/p-Xylenes	10.35	106	1347943	99.445	ug/l	100
69) o-Xylene	10.69	106	660394	49.764	ug/l	98
70) Styrene	10.71	104	1146892	51.701	ug/l	99
71) Bromoform	10.85	173	328553	46.698	ug/l #	98
73) Isopropylbenzene	11.01	105	1749790	50.639	ug/l	100
74) N-amyl acetate	10.89	43	828038	51.677	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	615157	48.800	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	491727m	46.453	ug/l	
77) Bromobenzene	11.25	156	459650	49.899	ug/l	98
78) n-propylbenzene	11.35	91	2001812	52.007	ug/l	100
79) 2-Chlorotoluene	11.42	91	1167114	50.327	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1482752	51.517	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	215252	52.341	ug/l	96
82) 4-Chlorotoluene	11.51	91	1368693	50.418	ug/l	100
83) tert-Butylbenzene	11.76	119	1495840	51.629	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1478437	51.206	ug/l	99
85) sec-Butylbenzene	11.94	105	1711448	51.398	ug/l	100
86) p-Isopropyltoluene	12.06	119	1593877	51.982	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	822398	50.086	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	825049	49.317	ug/l	99
89) n-Butylbenzene	12.39	91	1404422	52.493	ug/l	100
90) Hexachloroethane	12.59	117	284283	52.037	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	825448	50.292	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	135245	44.037	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110719\
Data File : VX013343.D
Acq On : 07 Nov 2019 10:29
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

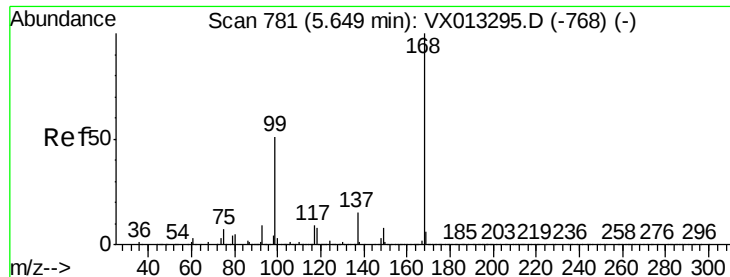
Manual Integrations
APPROVED

MMDadoda
11/8/2019 9:33:04 AM

Quant Time: Nov 07 16:23:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	582705	50.896	ug/l	99
94) Hexachlorobutadiene	13.78	225	275375	49.163	ug/l	97
95) Naphthalene	13.83	128	1844695	51.354	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	589701	51.359	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013343.D

Acq: 07 Nov 2019 10:29

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tgt Ion: 168 Resp: 747898

Ion Ratio Lower Upper

168 100

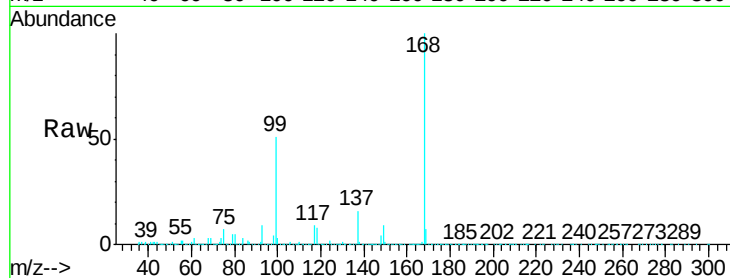
99 50.7 40.8 61.2

Manual Integrations

APPROVED

MMDadoda

11/8/2019 9:33:04 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

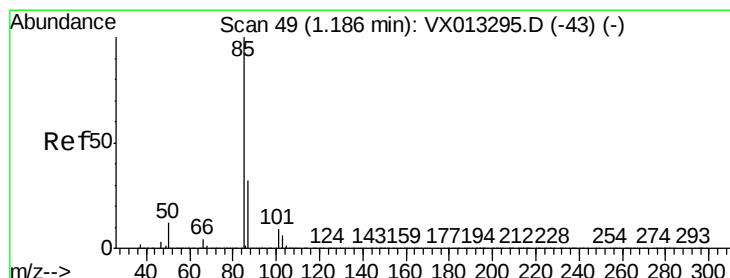
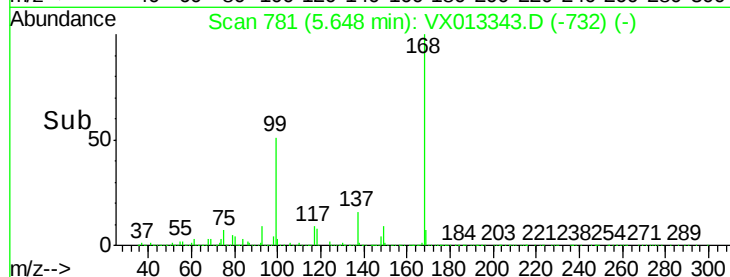
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 46.338 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013343.D

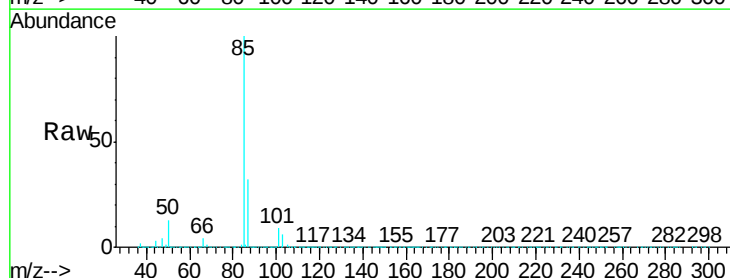
Acq: 07 Nov 2019 10:29

Tgt Ion: 85 Resp: 399310

Ion Ratio Lower Upper

85 100

87 31.6 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

400000

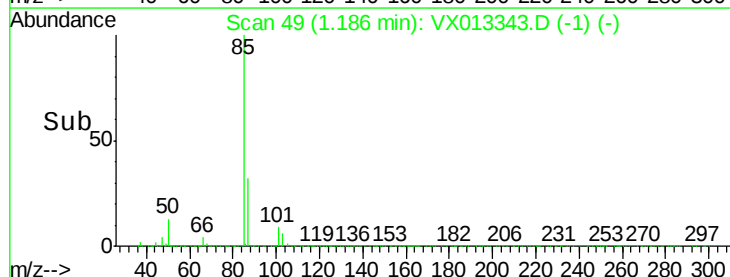
300000

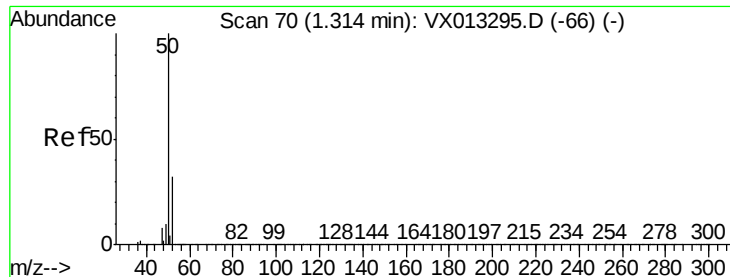
200000

100000

0

Time-->





#3

Chloromethane

Concen: 45.331 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX013343.D

Acq: 07 Nov 2019 10:29

Instrument :

MSVOA_X

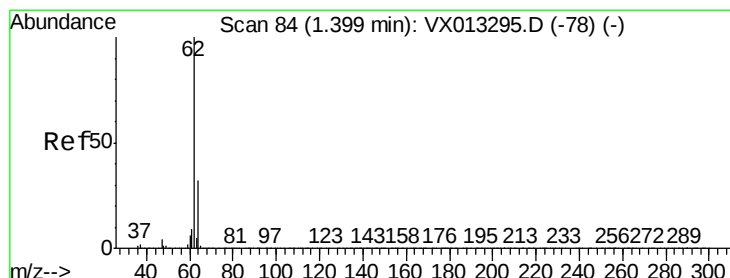
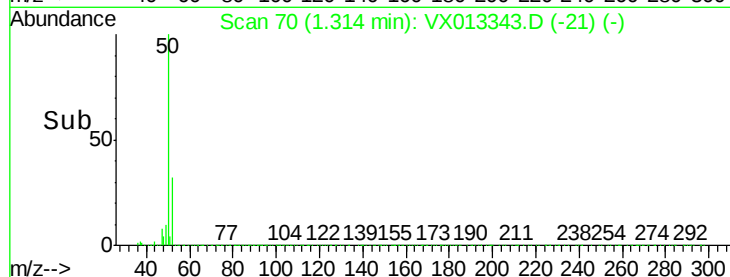
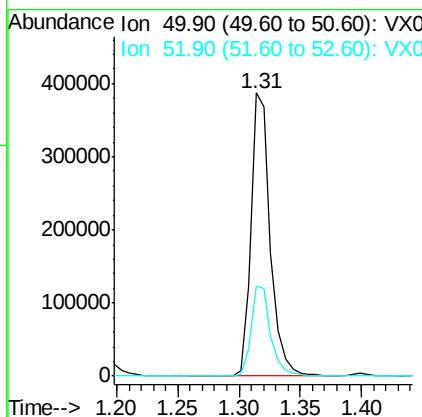
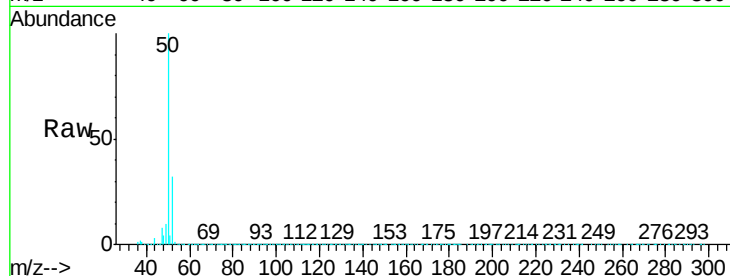
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
50	100		
52	31.7	25.5	38.3

Manual Integrations
APPROVED

MMDadoda
11/8/2019 9:33:04 AM



#4

Vinyl Chloride

Concen: 45.869 ug/l

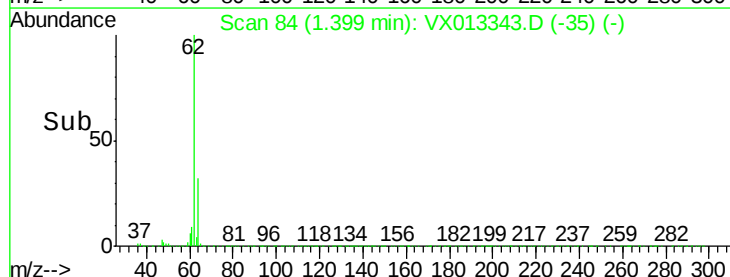
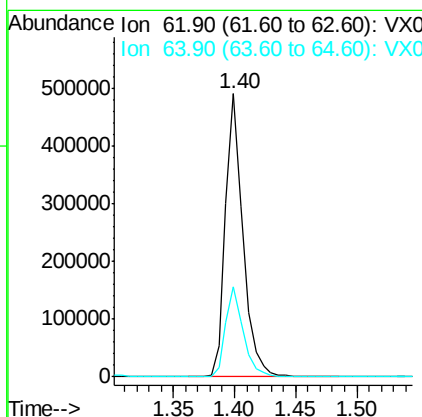
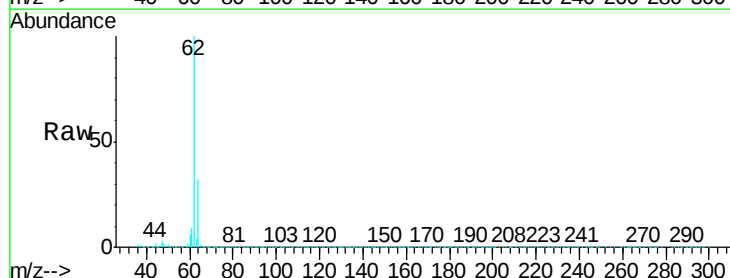
RT: 1.40 min Scan# 84

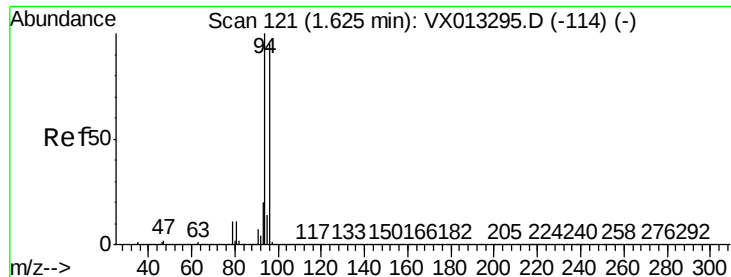
Delta R.T. -0.00 min

Lab File: VX013343.D

Acq: 07 Nov 2019 10:29

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.6	25.6	38.4





#5

Bromomethane

Concen: 40.417 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX013343.D

Acq: 07 Nov 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 299646

Ion Ratio Lower Upper

94 100

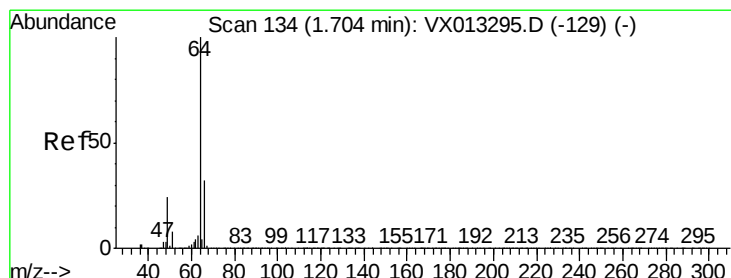
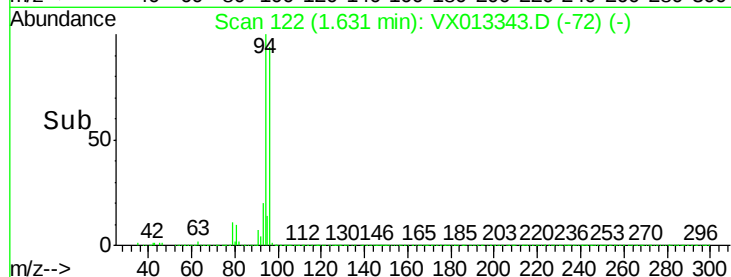
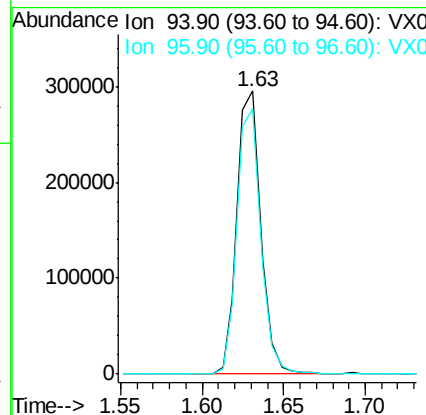
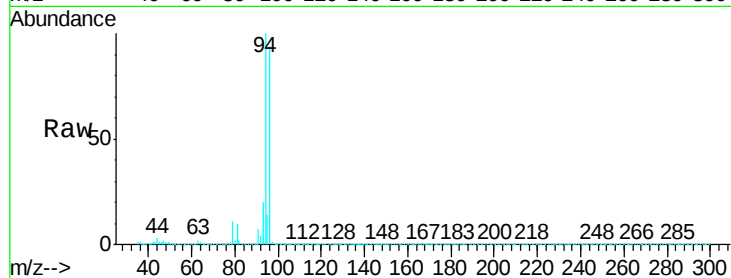
96 93.7 75.8 113.8

Manual Integrations

APPROVED

MMDadoda

11/8/2019 9:33:04 AM



#6

Chloroethane

Concen: 43.416 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX013343.D

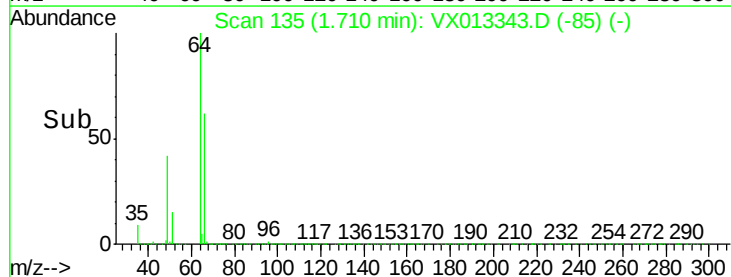
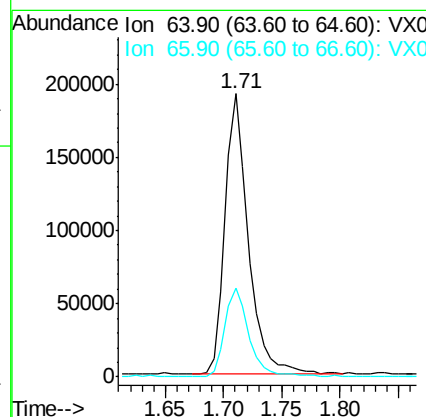
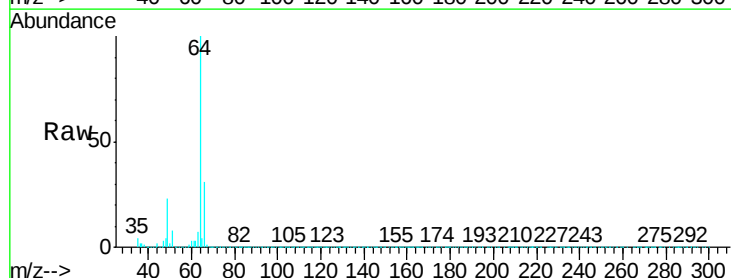
Acq: 07 Nov 2019 10:29

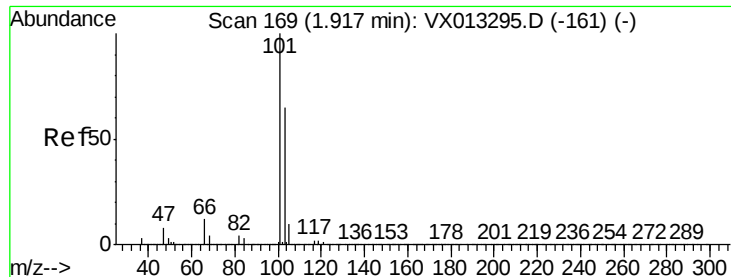
Tgt Ion: 64 Resp: 264992

Ion Ratio Lower Upper

64 100

66 31.3 25.6 38.4





#7

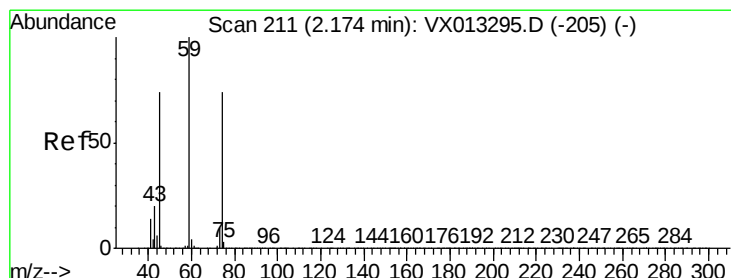
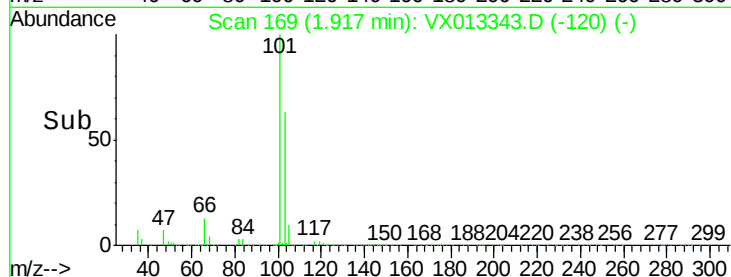
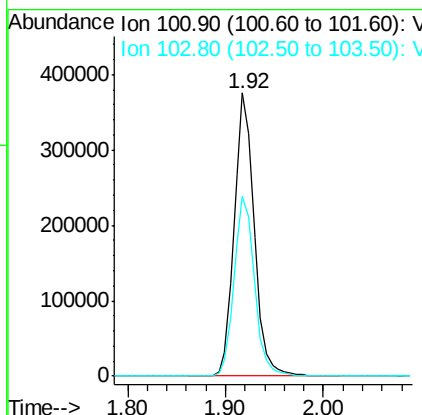
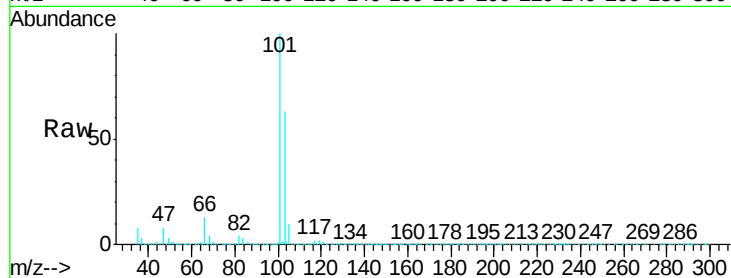
Trichlorofluoromethane
Concen: 42.371 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
101	100	532572		
103	63.3	52.3	78.5	

Manual Integrations
APPROVED

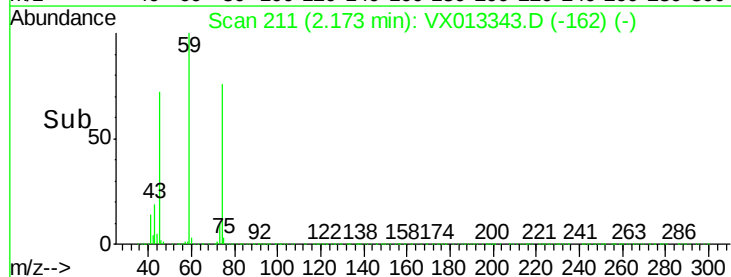
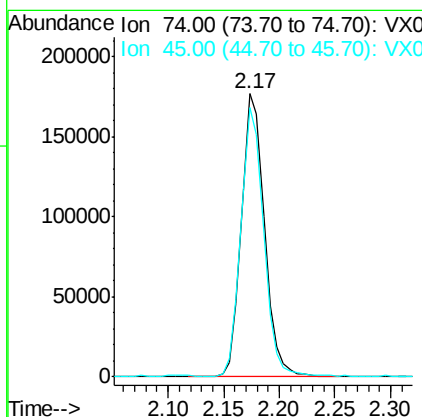
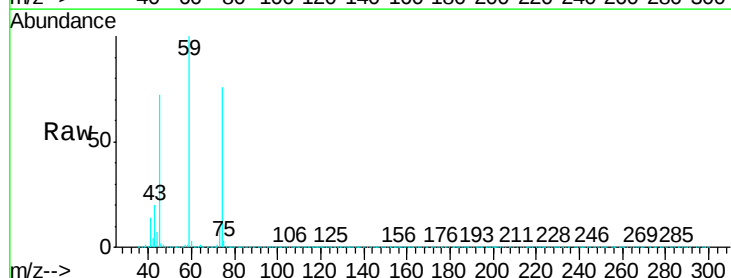
MMDadoda
11/8/2019 9:33:04 AM

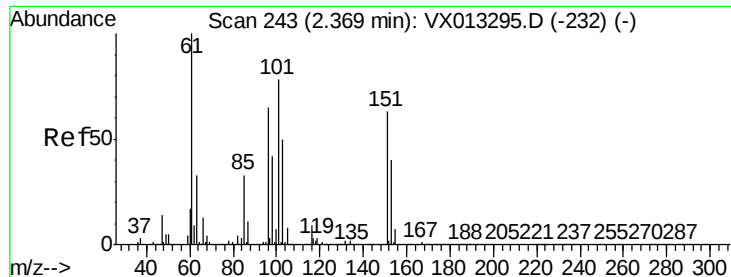


#8

Diethyl Ether
Concen: 45.677 ug/l
RT: 2.17 min Scan# 211
Delta R.T. -0.00 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	253885		
45	94.3	48.5	145.6	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.793 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013343.D

Acq: 07 Nov 2019 10:29

Instrument :

MSVOA_X

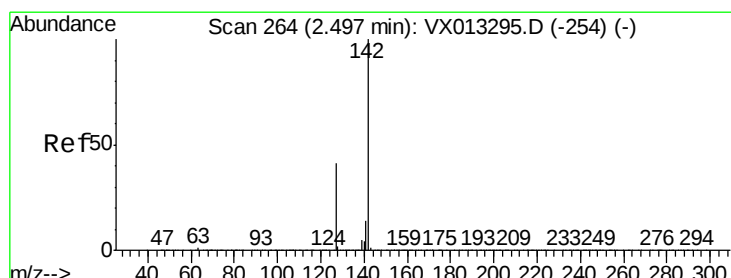
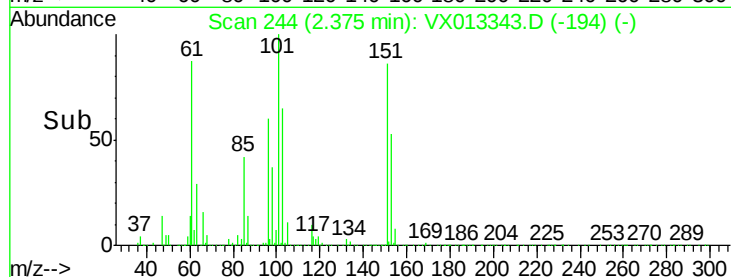
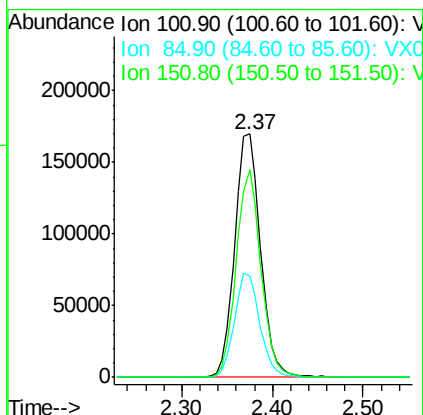
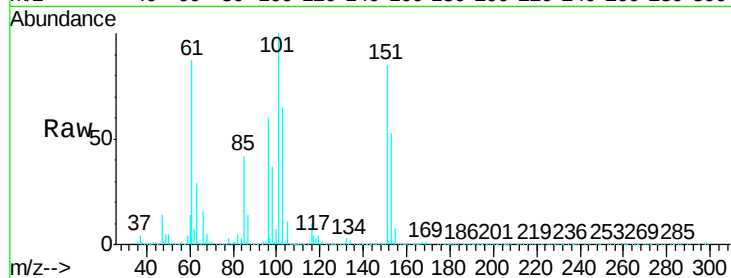
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	334819
Ion Ratio	Lower	Upper	
101	100		
85	42.2	34.4	51.6
151	82.2	66.4	99.6

Manual Integrations
APPROVED

MMDadoda
11/8/2019 9:33:04 AM



#10

Methyl Iodide

Concen: 46.371 ug/l

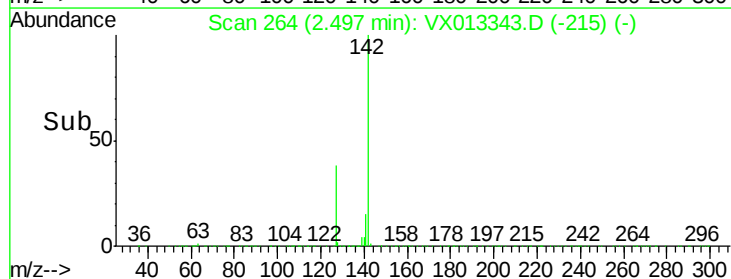
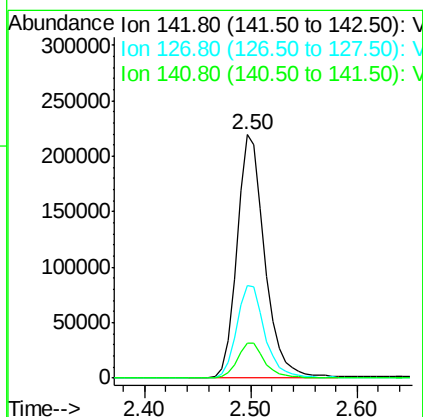
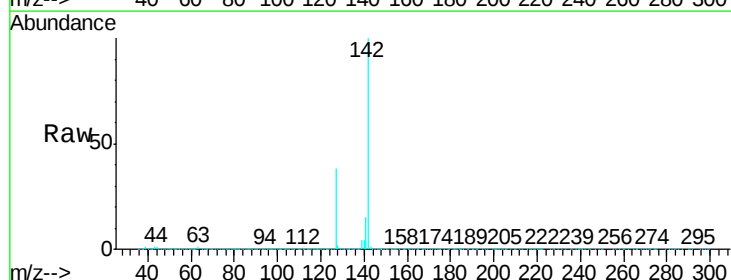
RT: 2.50 min Scan# 264

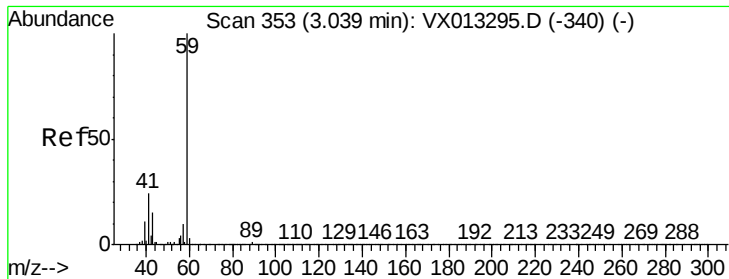
Delta R.T. -0.00 min

Lab File: VX013343.D

Acq: 07 Nov 2019 10:29

Tgt Ion:	142	Resp:	402196
Ion Ratio	Lower	Upper	
142	100		
127	38.9	32.6	49.0
141	14.3	11.6	17.4





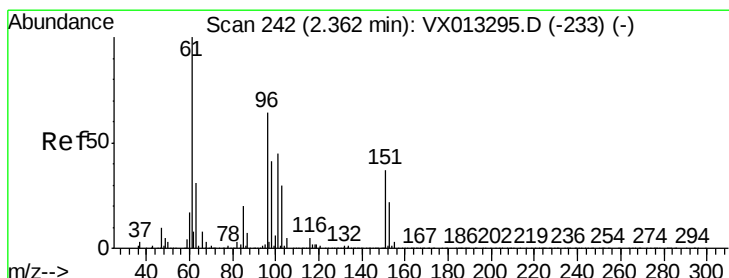
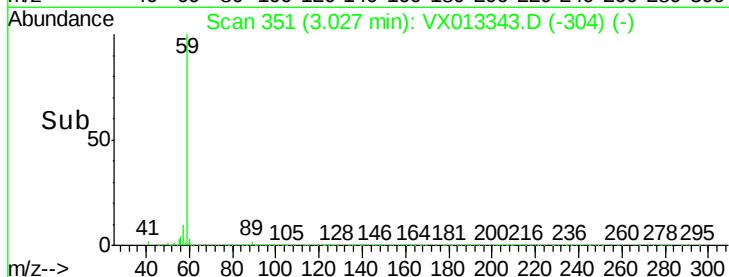
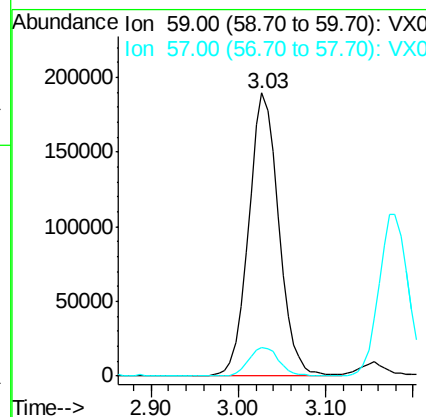
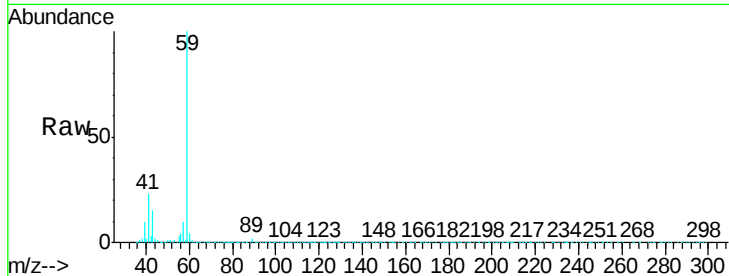
#11
Tert butyl alcohol
Concen: 193.907 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.0	12.0

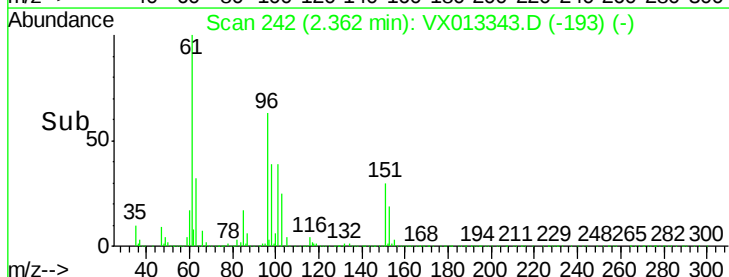
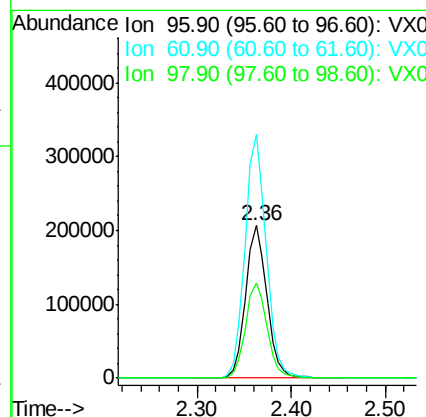
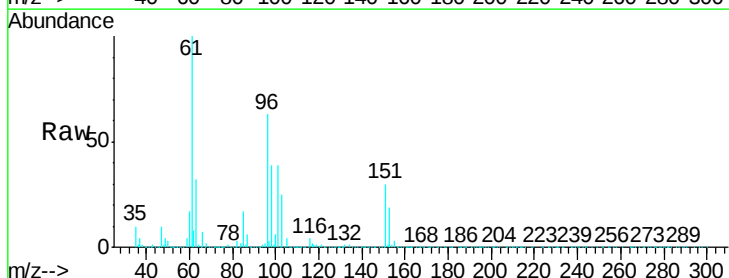
Manual Integrations
APPROVED

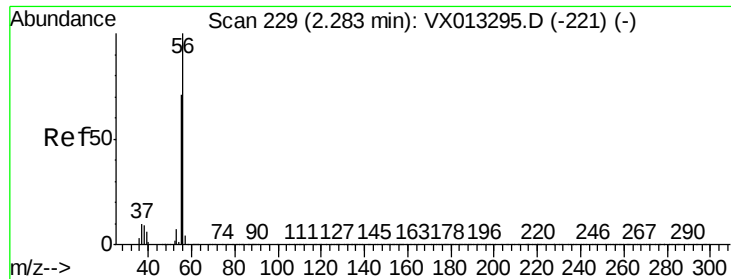
MMDadoda
11/8/2019 9:33:04 AM



#12
1,1-Dichloroethene
Concen: 47.484 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Tgt Ion	Ratio	Lower	Upper
96	100		
61	159.4	125.0	187.6
98	62.6	50.7	76.1





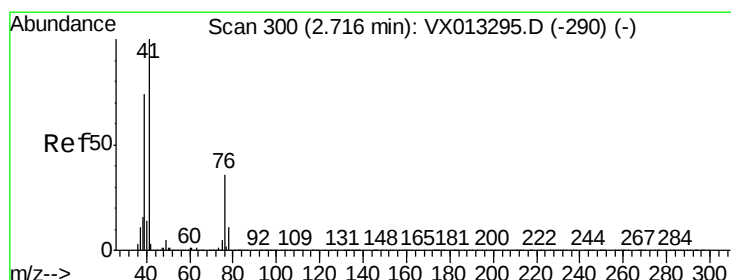
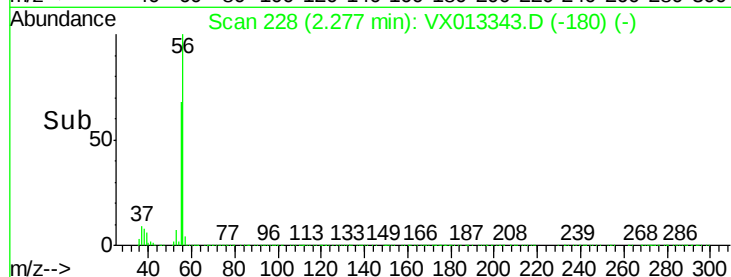
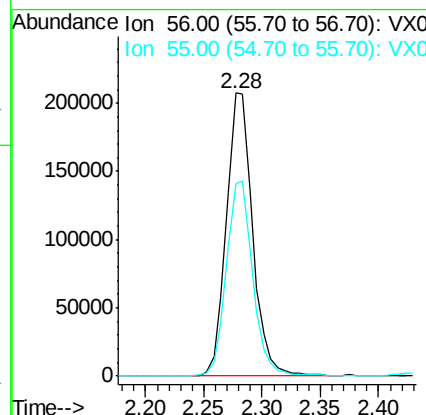
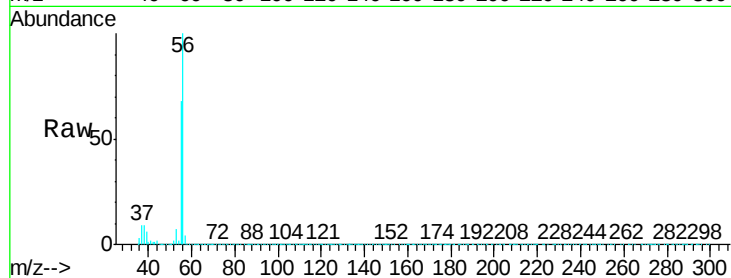
#13
Acrolein
Concen: 253.404 ug/l
RT: 2.28 min Scan# 228
Delta R.T. -0.01 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
55	69.9	57.4	86.0

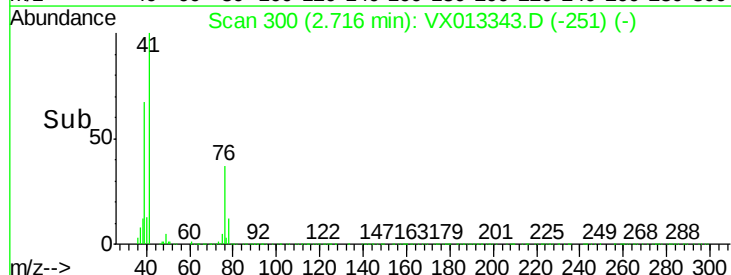
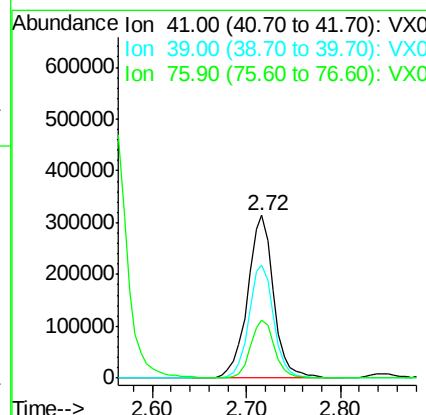
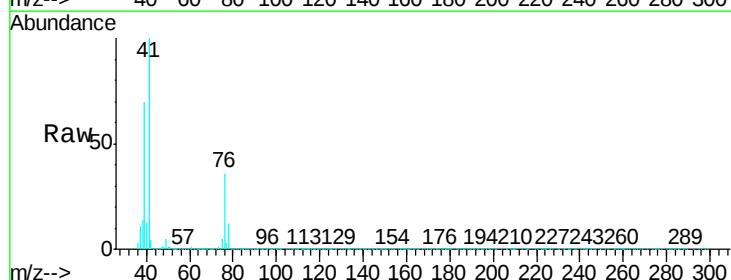
Manual Integrations
APPROVED

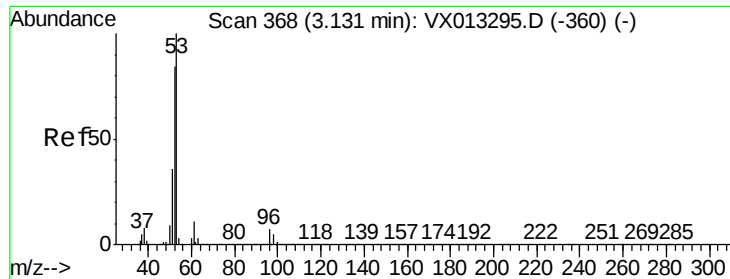
MMDadoda
11/8/2019 9:33:04 AM



#14
Allyl chloride
Concen: 48.771 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Tgt Ion	Ratio	Lower	Upper
41	100		
39	65.9	55.8	83.8
76	32.7	26.4	39.6





#15

Acrylonitrile

Concen: 236.564 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013343.D

Acq: 07 Nov 2019 10:29

Instrument :

MSVOA_X

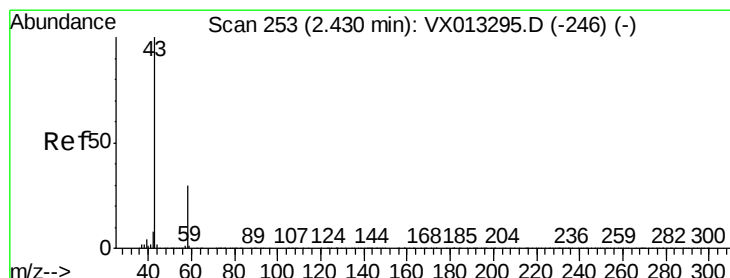
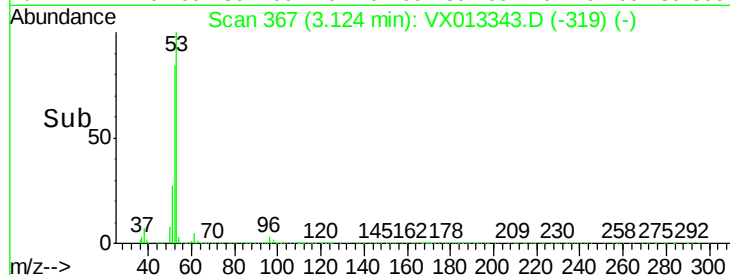
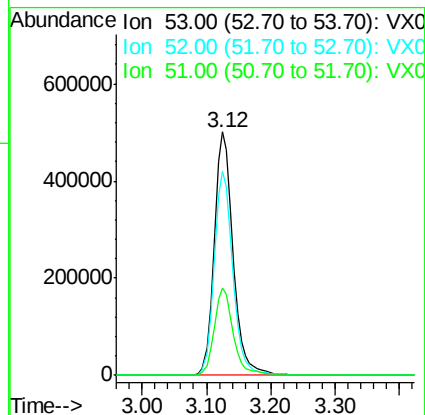
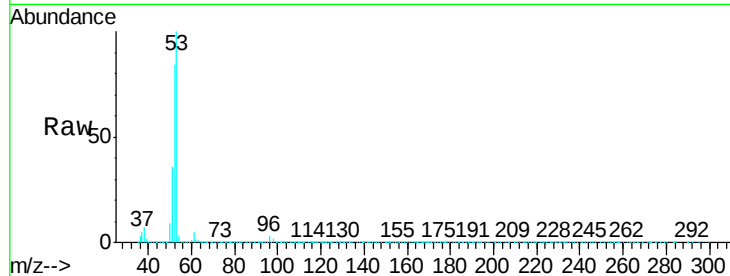
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	1031965
Ion	Ratio	Lower	Upper
53	100		
52	83.1	67.4	101.0
51	35.8	29.4	44.2

Manual Integrations
APPROVED

MMDadoda
11/8/2019 9:33:04 AM



#16

Acetone

Concen: 240.580 ug/l

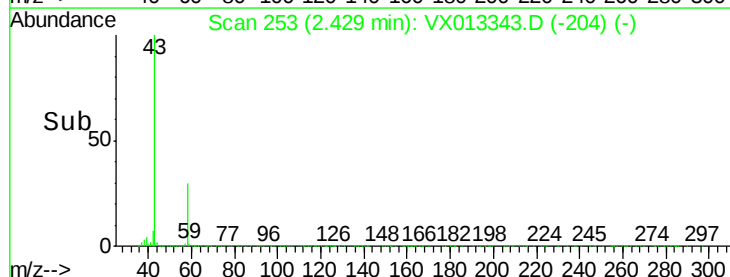
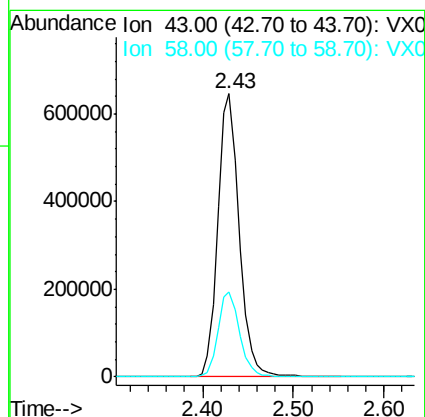
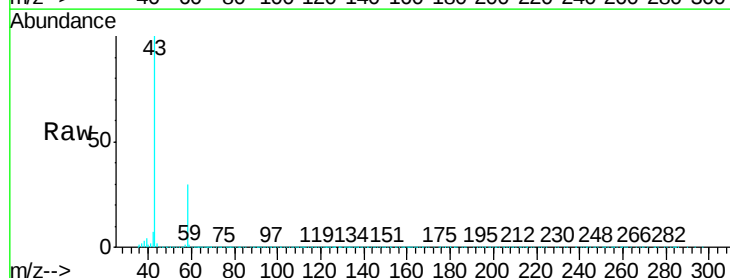
RT: 2.43 min Scan# 253

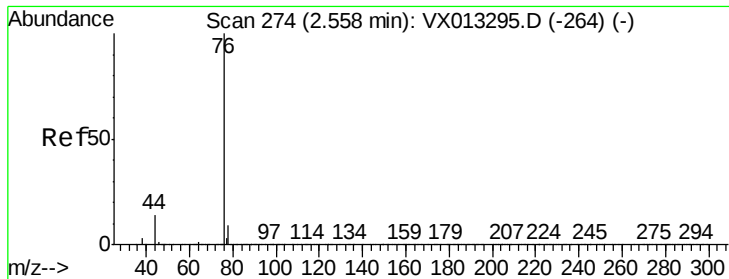
Delta R.T. -0.00 min

Lab File: VX013343.D

Acq: 07 Nov 2019 10:29

Tgt Ion:	43	Resp:	1063230
Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.3	36.5





#17

Carbon Disulfide

Concen: 47.621 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013343.D

Acq: 07 Nov 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 874413

Ion Ratio Lower Upper

76 100

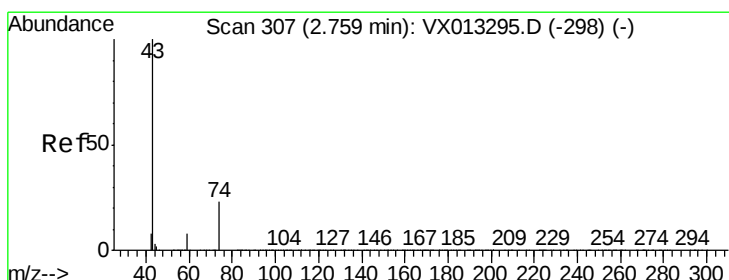
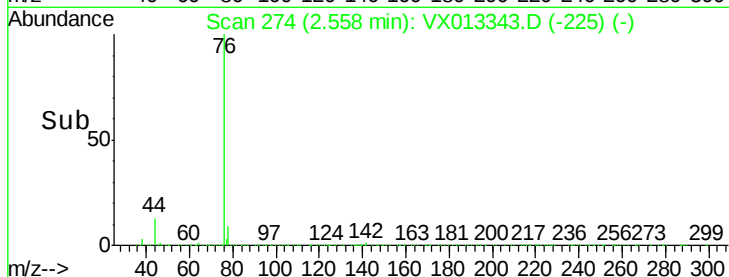
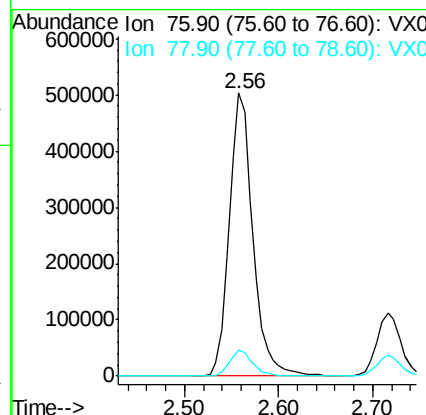
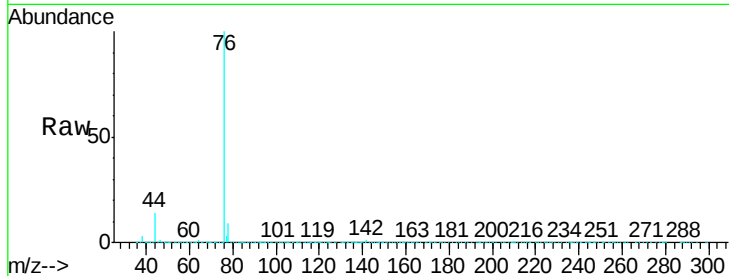
78 9.3 7.0 10.6

Manual Integrations

APPROVED

MMDadoda

11/8/2019 9:33:04 AM



#18

Methyl Acetate

Concen: 47.454 ug/l

RT: 2.76 min Scan# 307

Delta R.T. -0.00 min

Lab File: VX013343.D

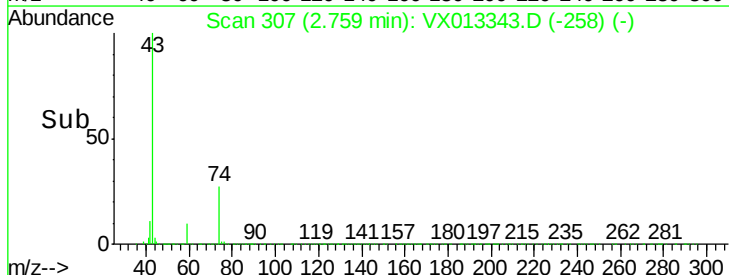
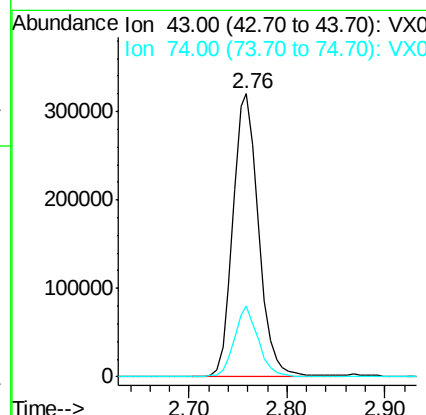
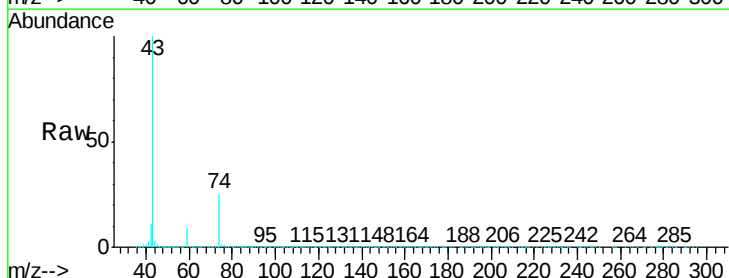
Acq: 07 Nov 2019 10:29

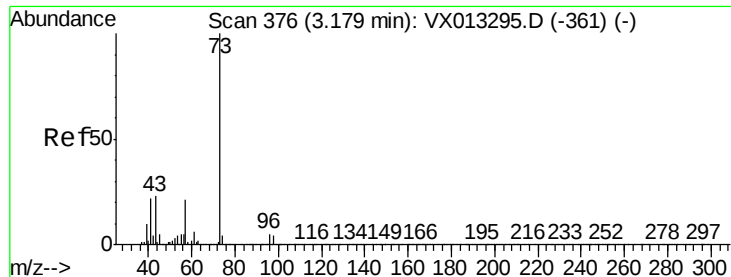
Tgt Ion: 43 Resp: 578993

Ion Ratio Lower Upper

43 100

74 23.6 19.0 28.6





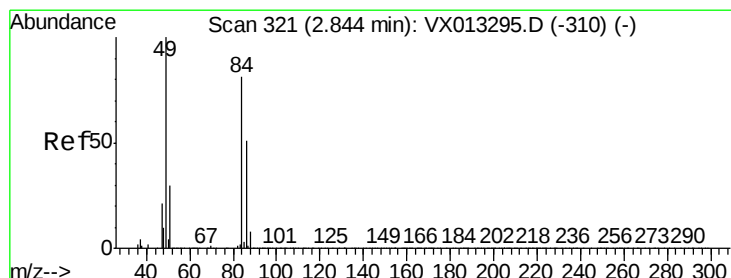
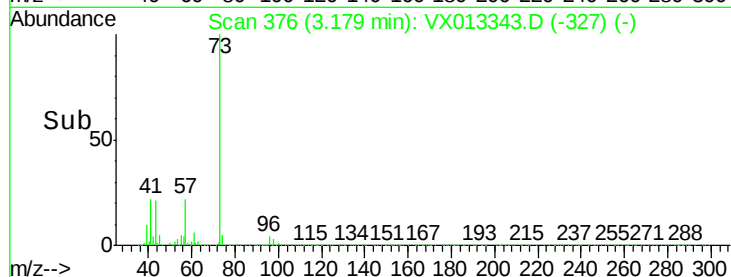
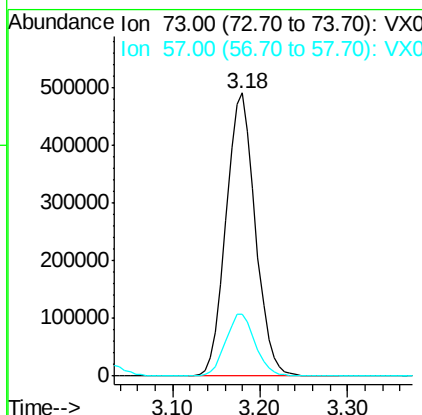
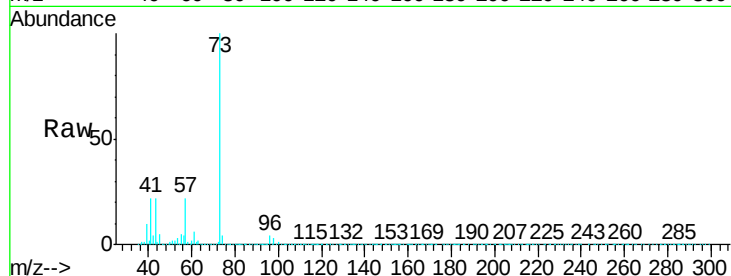
#19
Methyl tert-butyl Ether
Concen: 49.845 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.00 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 1140520
Ion Ratio Lower Upper
73 100
57 22.0 17.1 25.7

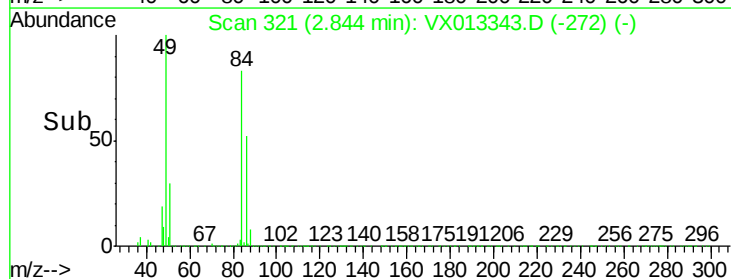
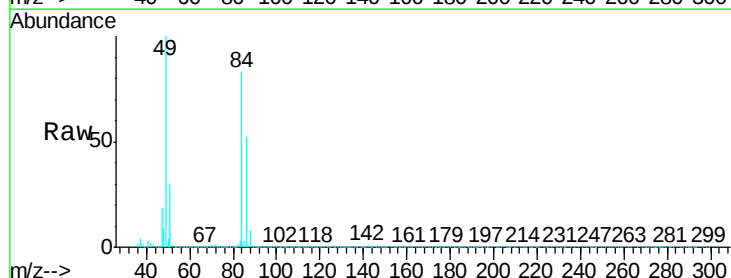
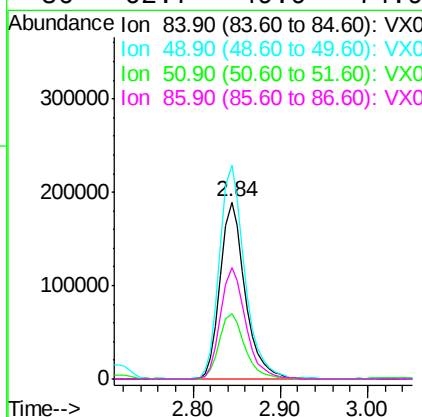
Manual Integrations
APPROVED

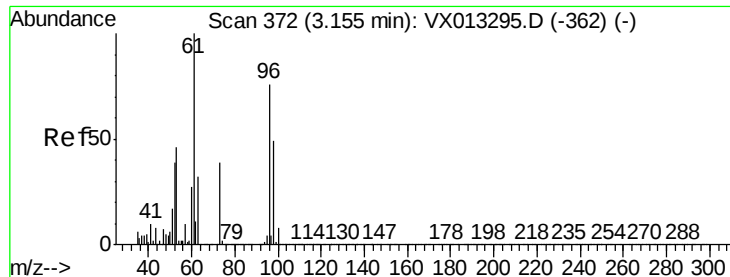
MMDadoda
11/8/2019 9:33:04 AM



#20
Methylene Chloride
Concen: 45.662 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Tgt Ion: 84 Resp: 372851
Ion Ratio Lower Upper
84 100
49 120.7 98.2 147.4
51 36.6 29.9 44.9
86 62.7 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 47.369 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013343.D

Acq: 07 Nov 2019 10:29

Instrument :

MSVOA_X

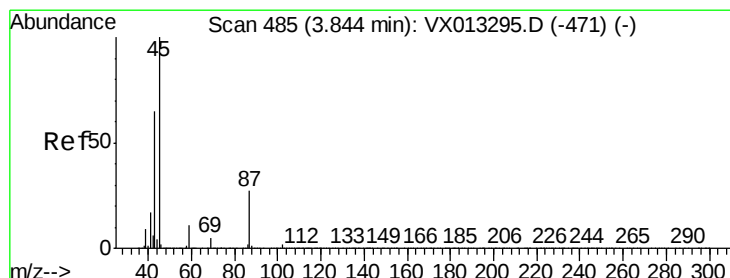
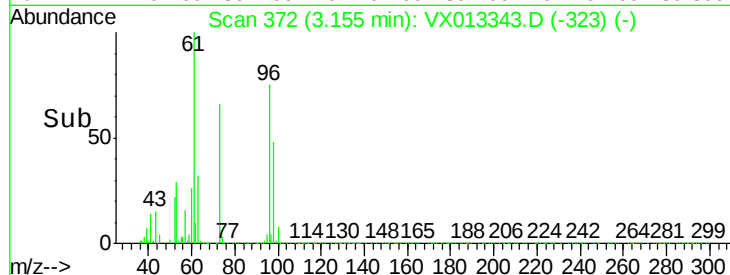
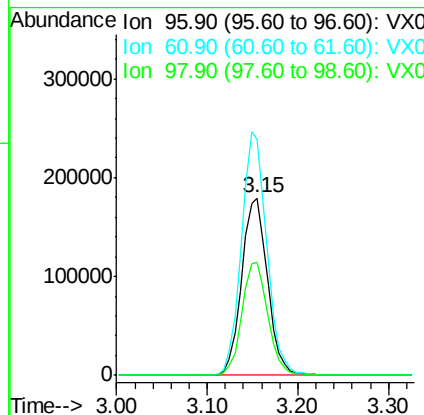
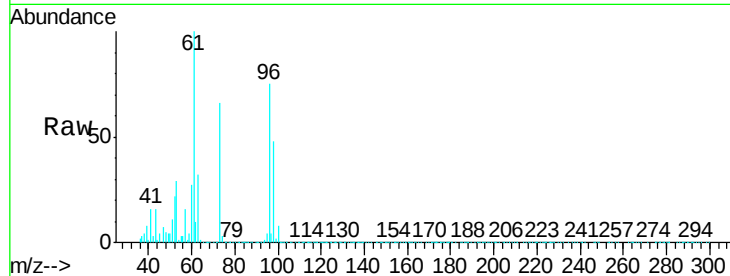
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	353829
Ion	Ratio	Lower	Upper
96	100		
61	132.7	105.8	158.6
98	63.6	51.8	77.6

Manual Integrations
APPROVED

MMDadoda
11/8/2019 9:33:04 AM



#22

Diisopropyl ether

Concen: 49.835 ug/l

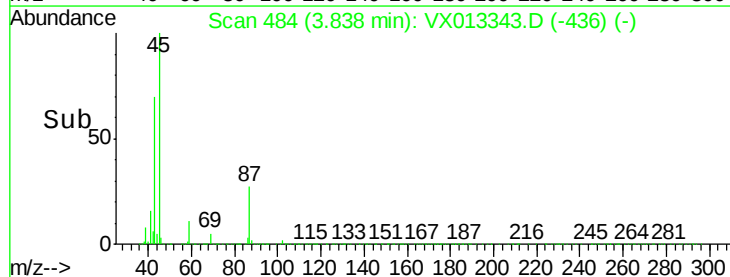
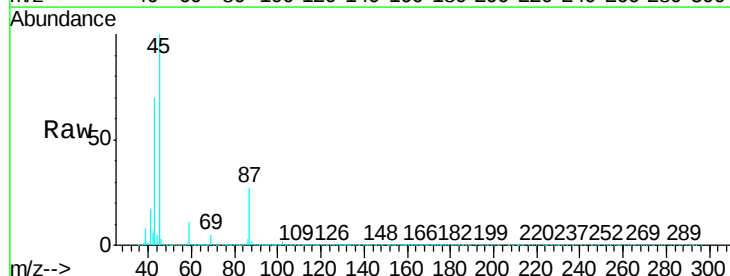
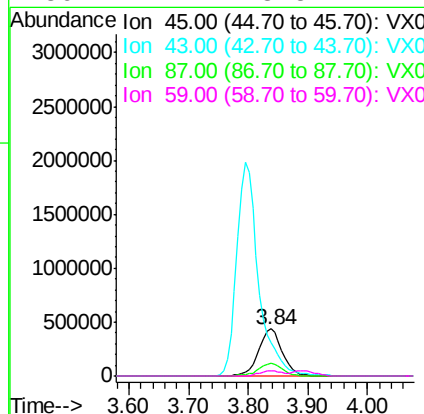
RT: 3.84 min Scan# 484

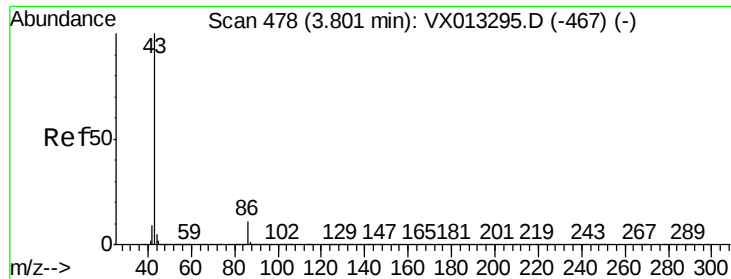
Delta R.T. -0.01 min

Lab File: VX013343.D

Acq: 07 Nov 2019 10:29

Tgt Ion:	45	Resp:	1199284
Ion	Ratio	Lower	Upper
45	100		
43	69.9	54.2	81.2
87	27.2	21.8	32.8
59	11.1	8.5	12.7





#23

Vinyl Acetate

Concen: 246.958 ug/l

RT: 3.80 min Scan# 477

Delta R.T. -0.01 min

Lab File: VX013343.D

Acq: 07 Nov 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 5085450

Ion Ratio Lower Upper

43 100

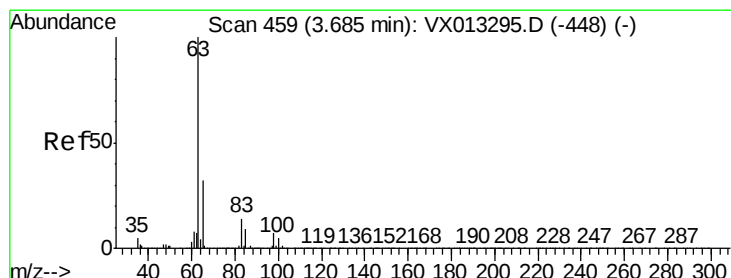
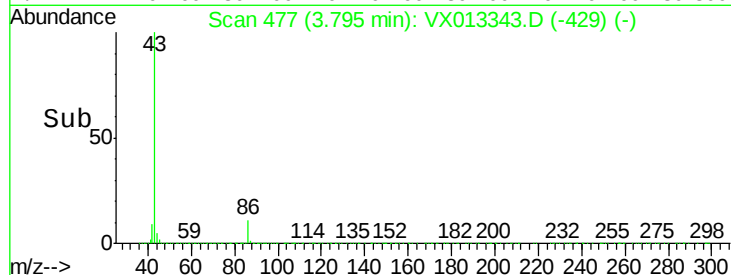
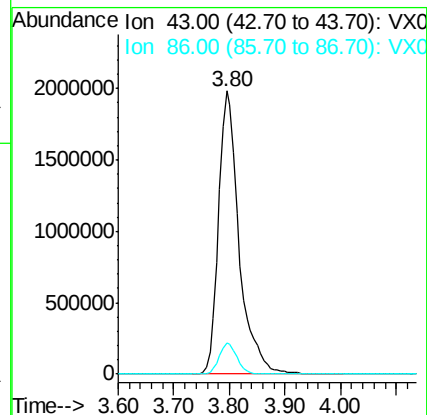
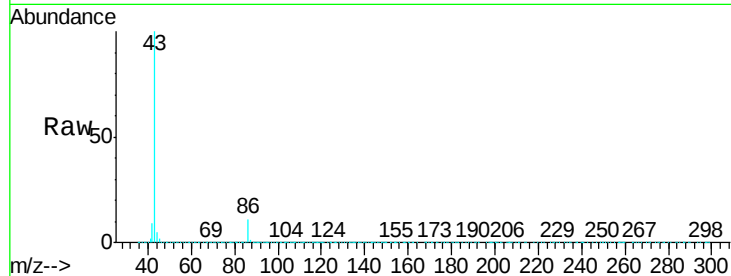
86 10.8 8.6 13.0

Manual Integrations

APPROVED

MMDadoda

11/8/2019 9:33:04 AM



#24

1,1-Dichloroethane

Concen: 47.928 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013343.D

Acq: 07 Nov 2019 10:29

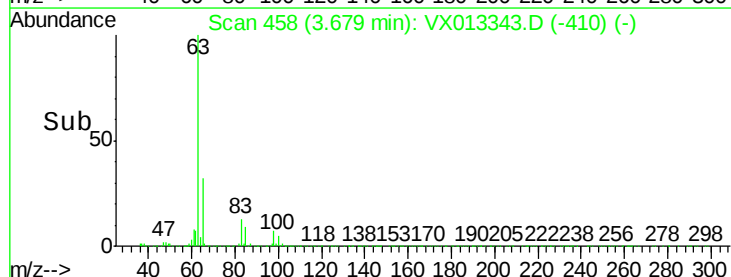
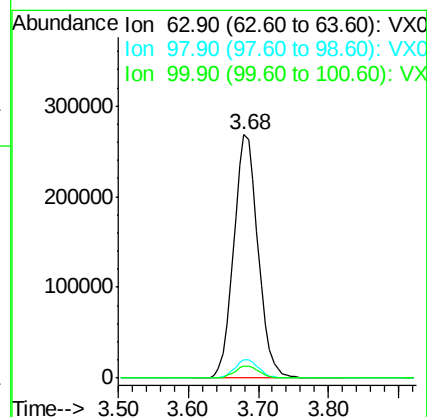
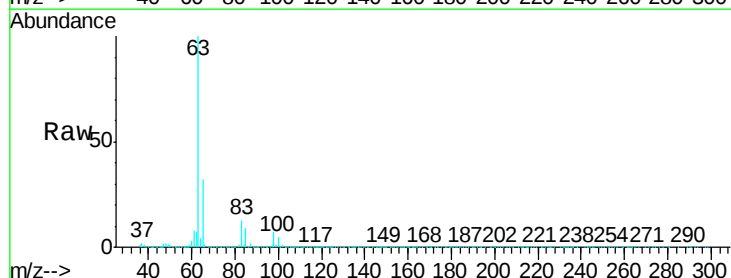
Tgt Ion: 63 Resp: 645217

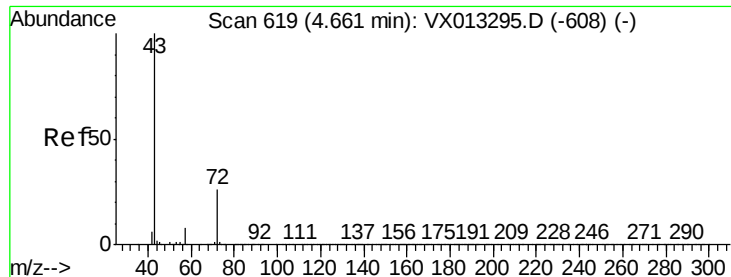
Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.4

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 238.150 ug/l

RT: 4.65 min Scan# 617

Delta R.T. -0.01 min

Lab File: VX013343.D

Acq: 07 Nov 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1544018

Ion Ratio Lower Upper

43 100

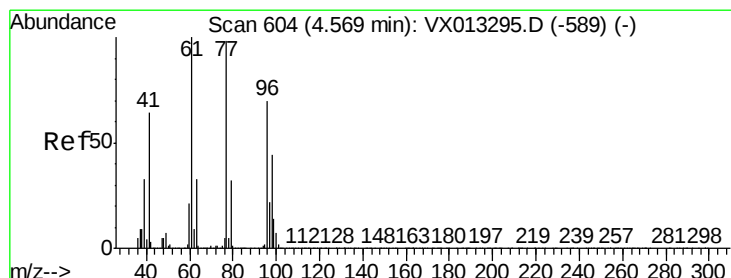
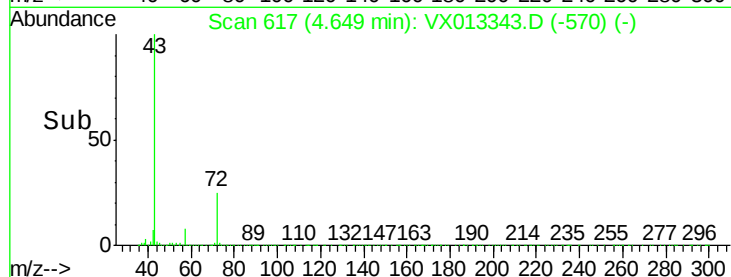
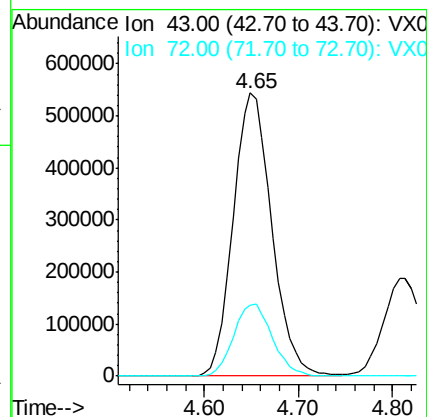
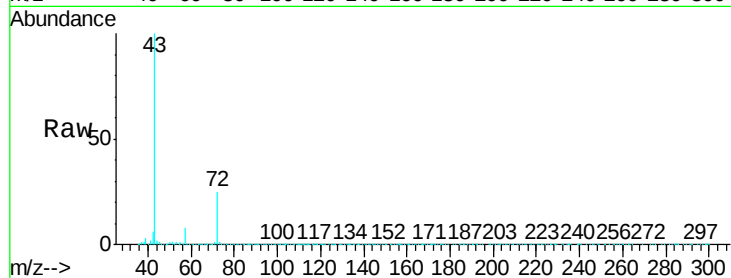
72 25.0 21.0 31.6

Manual Integrations

APPROVED

MMDadoda

11/8/2019 9:33:04 AM



#26

2,2-Dichloropropane

Concen: 49.734 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013343.D

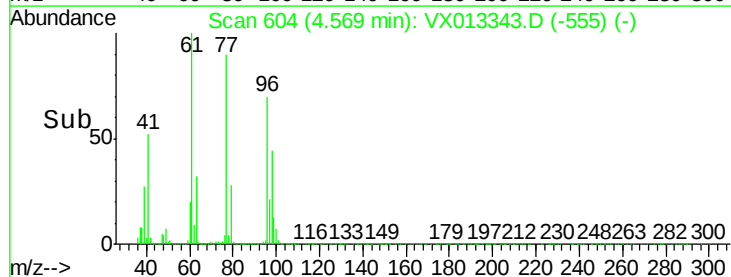
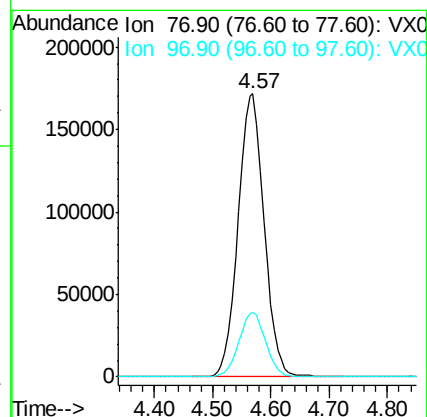
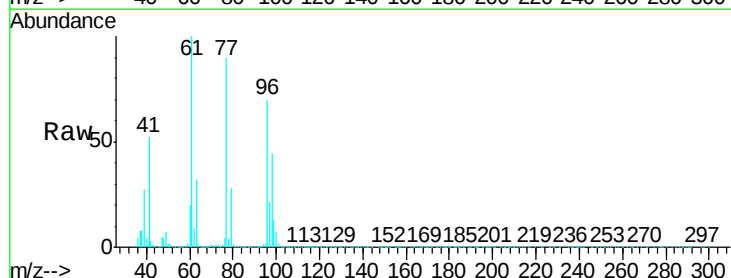
Acq: 07 Nov 2019 10:29

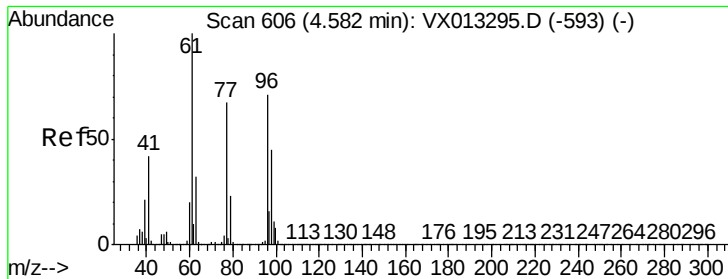
Tgt Ion: 77 Resp: 532631

Ion Ratio Lower Upper

77 100

97 23.5 11.3 33.8





#27

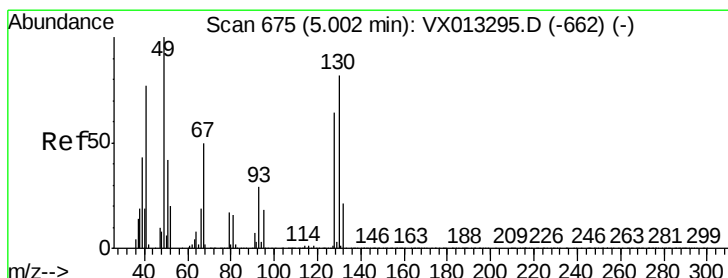
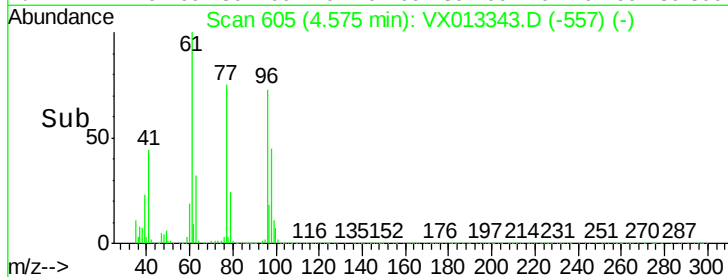
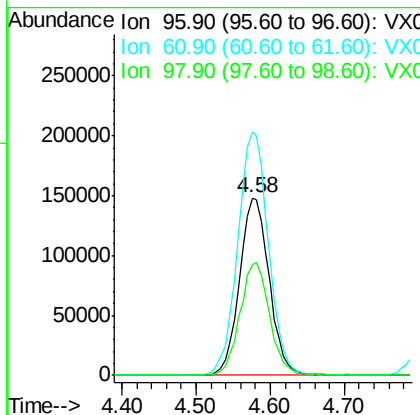
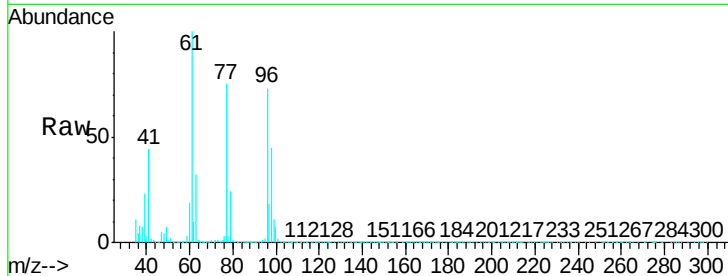
cis-1,2-Dichloroethene
Concen: 49.477 ug/l
RT: 4.58 min Scan# 605
Delta R.T. -0.01 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	414003		
61	141.5	0.0	288.0	
98	63.2	0.0	129.6	

Manual Integrations
APPROVED

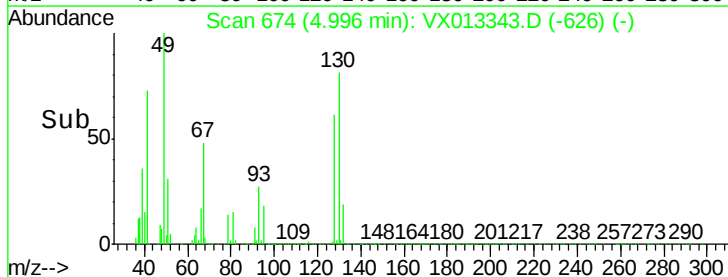
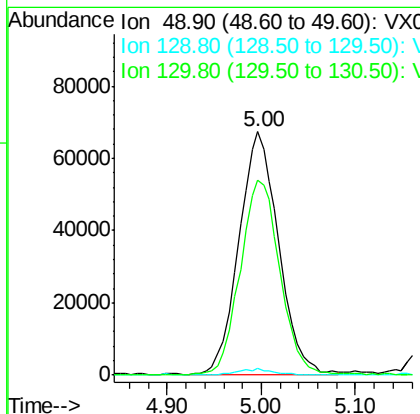
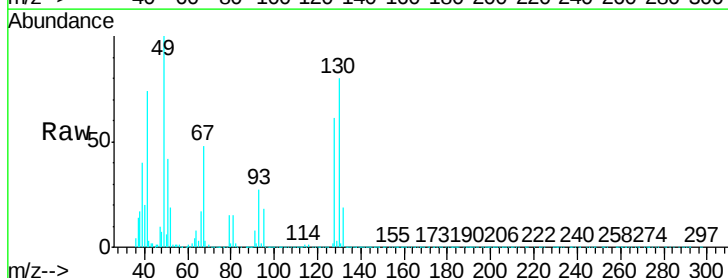
MMDadoda
11/8/2019 9:33:04 AM

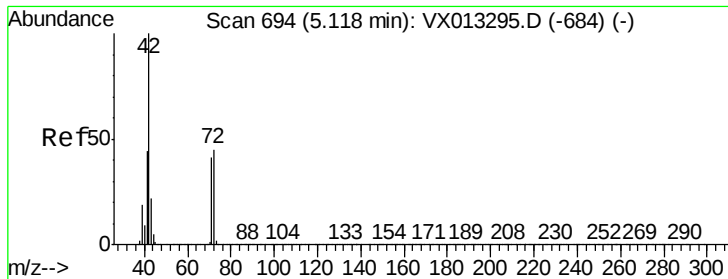


#28

Bromochloromethane
Concen: 51.579 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	197153		
129	2.5	0.0	5.2	
130	81.0	63.8	95.6	





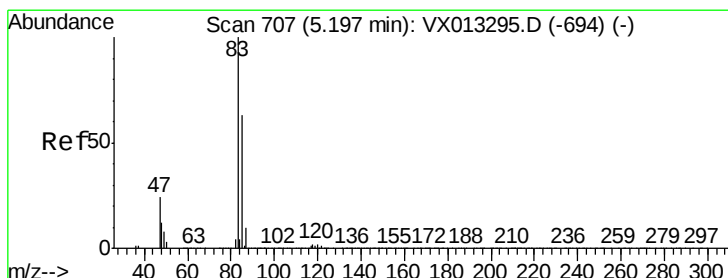
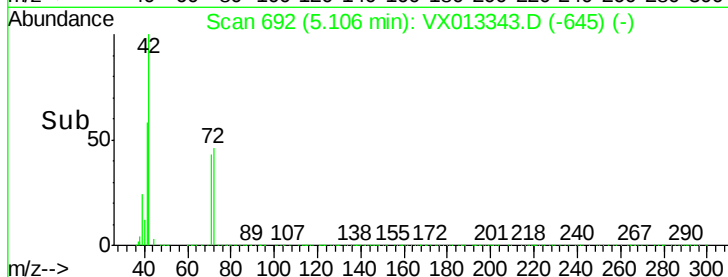
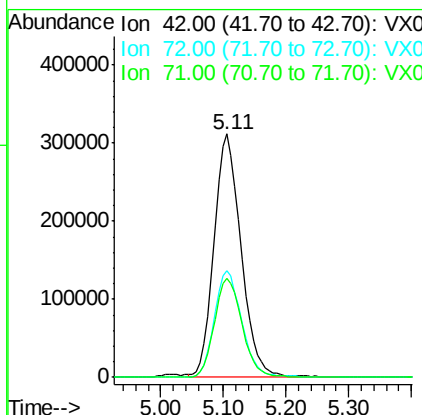
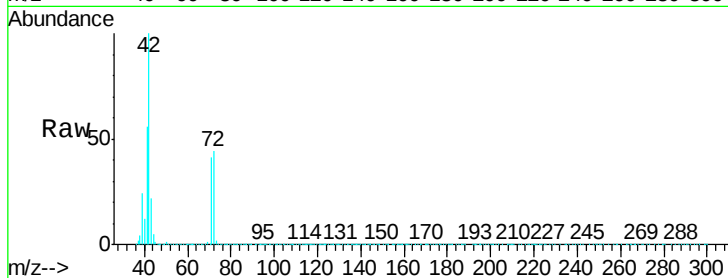
#29
Tetrahydrofuran
Concen: 231.371 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	44.6	35.8	53.8
71	41.5	33.4	50.0

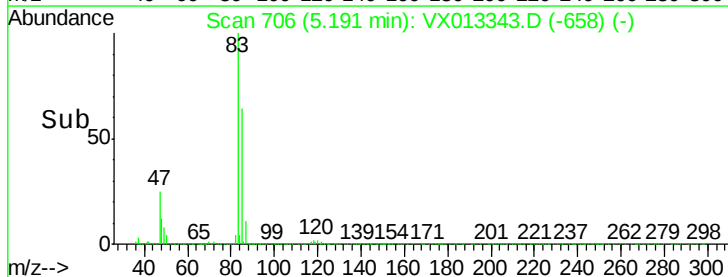
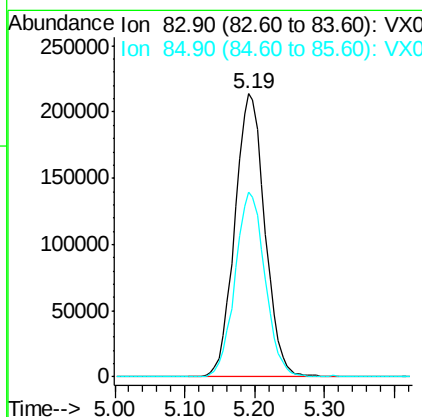
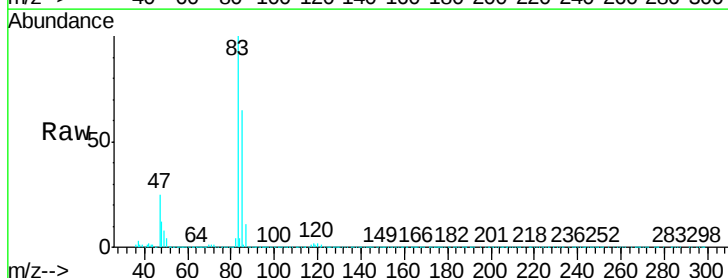
Manual Integrations
APPROVED

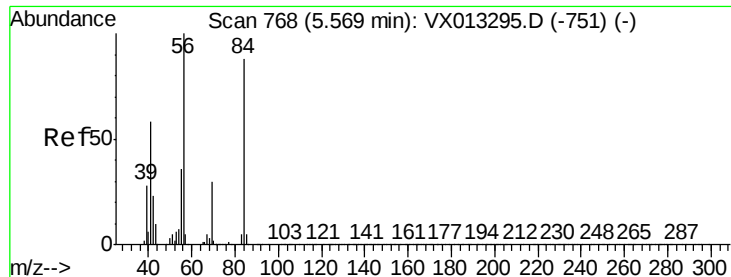
MMDadoda
11/8/2019 9:33:04 AM



#30
Chloroform
Concen: 47.851 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	50.2	75.4





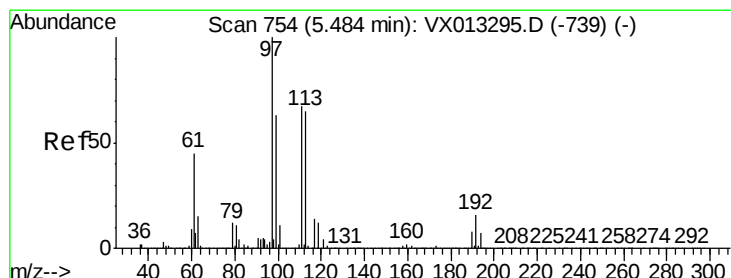
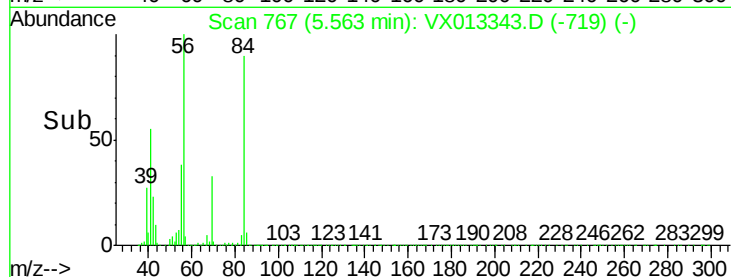
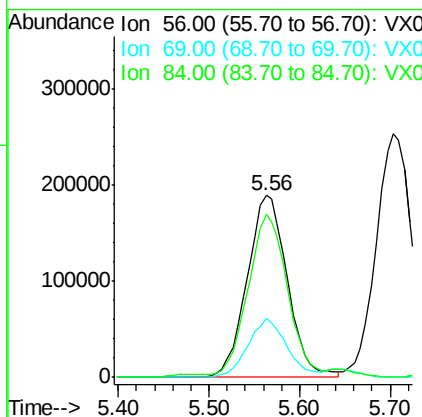
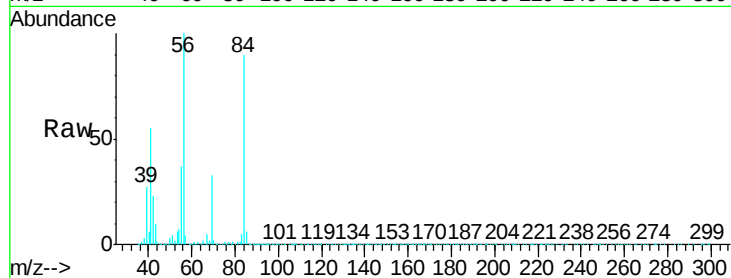
#31
Cyclohexane
Concen: 47.857 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.7	23.7	35.5
84	88.5	70.6	105.8

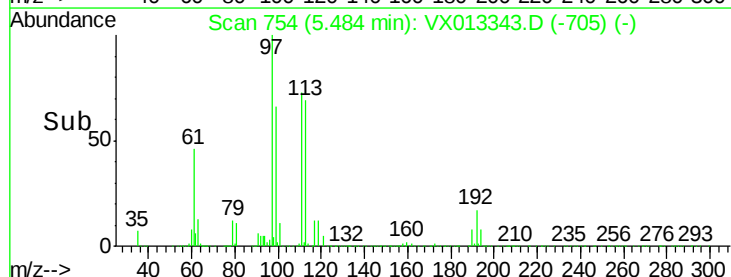
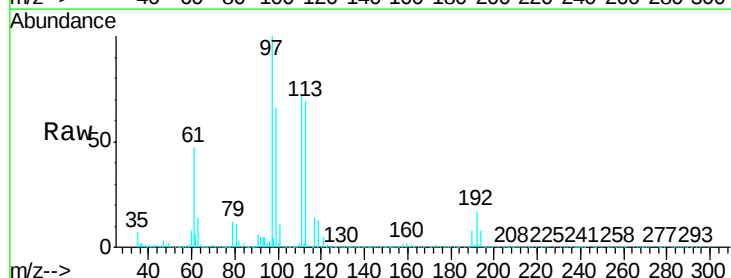
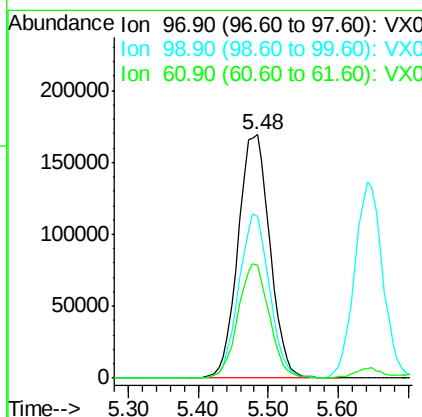
Manual Integrations
APPROVED

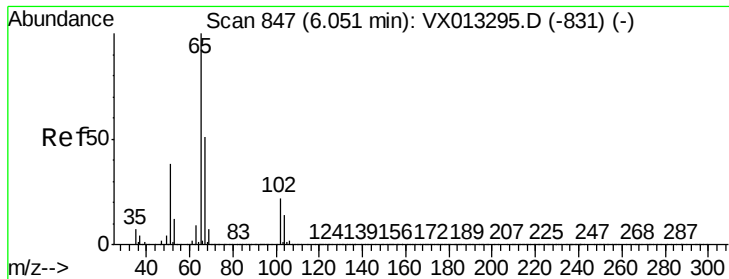
MMDadoda
11/8/2019 9:33:04 AM



#32
1,1,1-Trichloroethane
Concen: 46.646 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.1	76.7
61	46.4	36.5	54.7





#33

1,2-Dichloroethane-d4

Concen: 46.912 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX013343.D

Acq: 07 Nov 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 415660

Ion Ratio Lower Upper

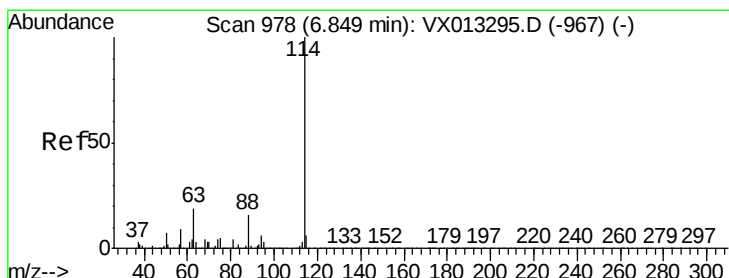
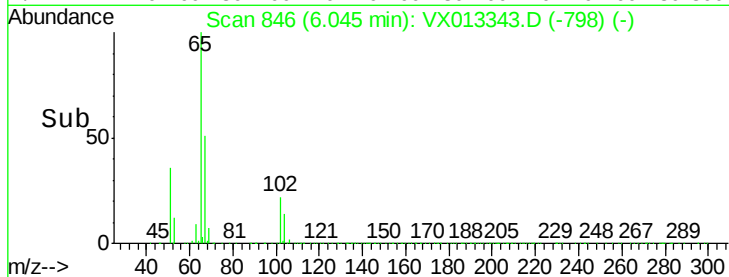
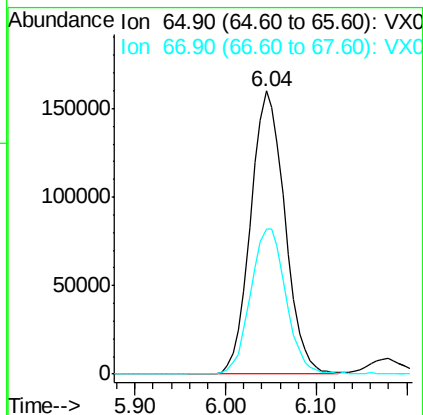
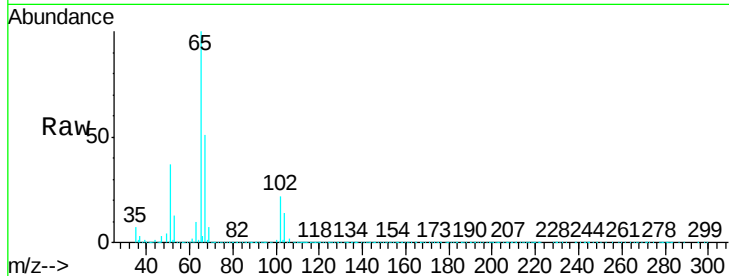
65 100

67 52.8 0.0 104.2

Manual Integrations
APPROVED

MMDadoda

11/8/2019 9:33:04 AM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013343.D

Acq: 07 Nov 2019 10:29

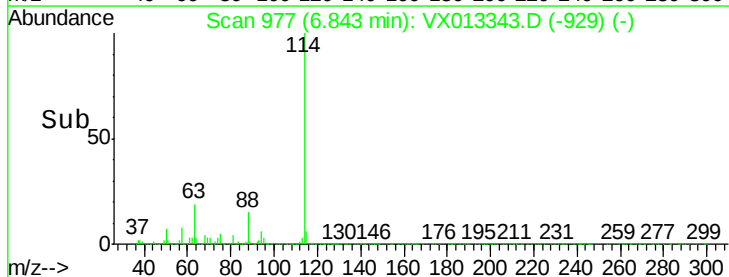
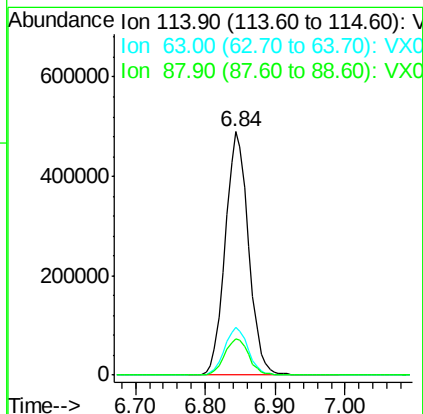
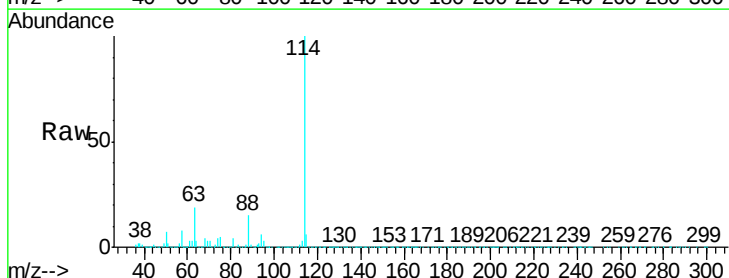
Tgt Ion: 114 Resp: 1131758

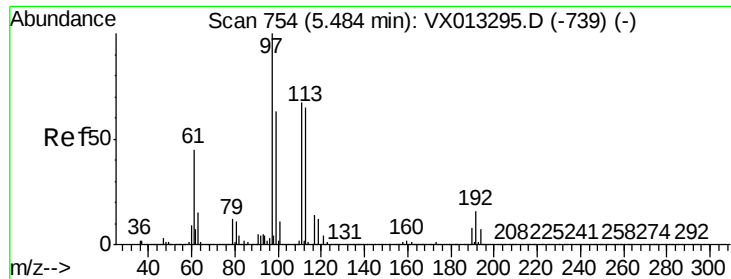
Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.4

88 14.9 0.0 32.2





#35

Dibromofluoromethane

Concen: 48.049 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013343.D

Acq: 07 Nov 2019 10:29

Instrument :

MSVOA_X

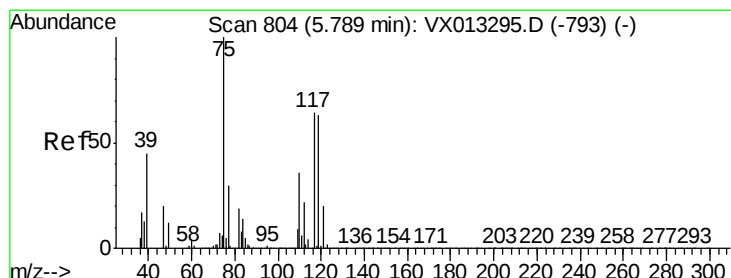
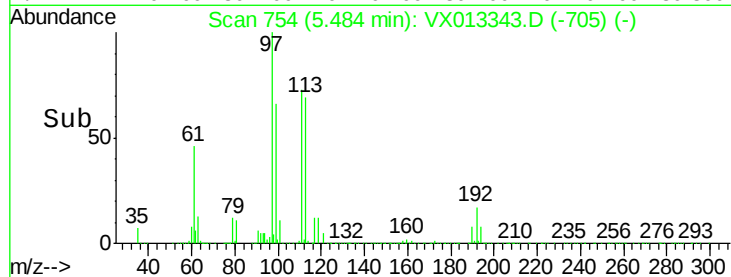
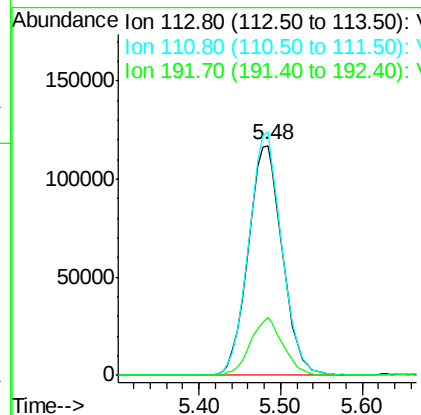
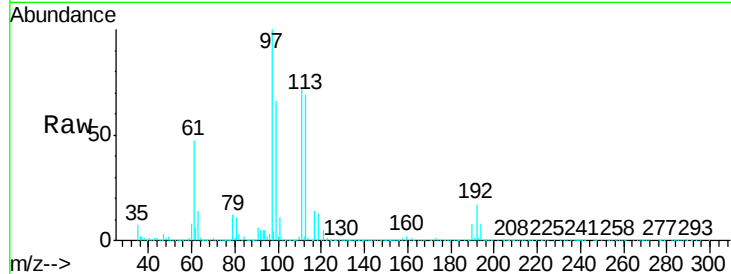
ClientSampleId :

VSTDCCC050

Tgt Ion:	113	Resp:	341074
Ion Ratio	Lower	Upper	
113	100		
111	102.3	81.9	122.9
192	23.8	19.1	28.7

Manual Integrations
APPROVED

MMDadoda
11/8/2019 9:33:04 AM



#36

1,1-Dichloropropene

Concen: 49.051 ug/l

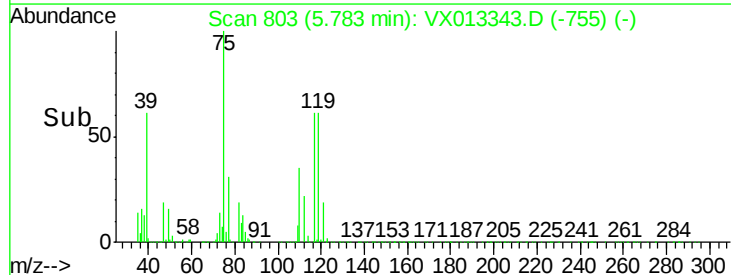
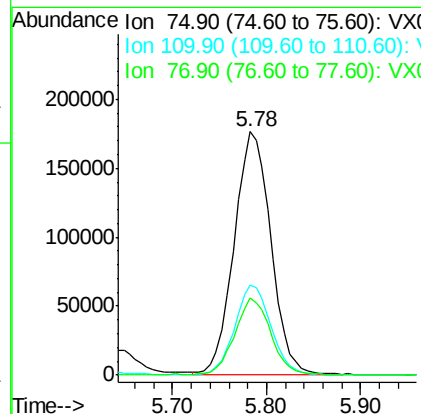
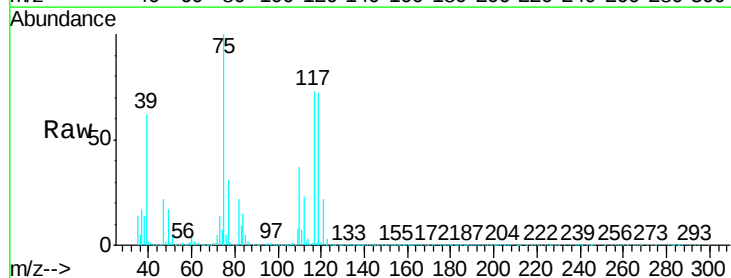
RT: 5.78 min Scan# 803

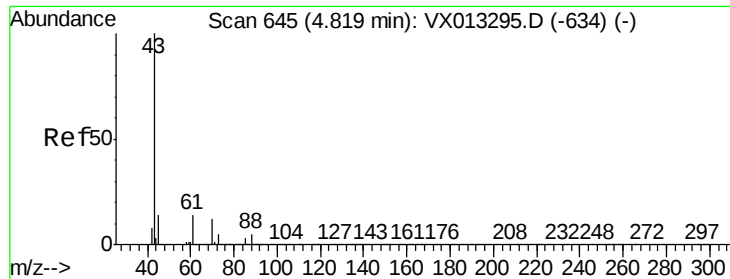
Delta R.T. -0.01 min

Lab File: VX013343.D

Acq: 07 Nov 2019 10:29

Tgt Ion:	75	Resp:	476238
Ion Ratio	Lower	Upper	
75	100		
110	36.8	18.1	54.1
77	30.4	25.0	37.4





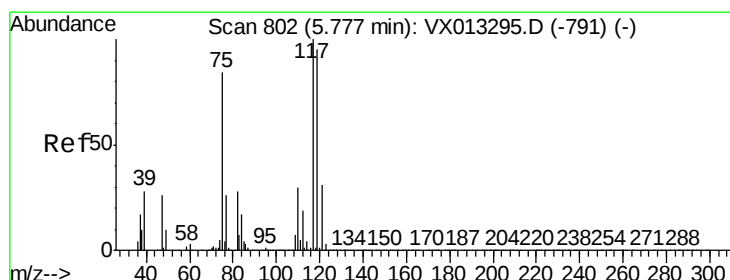
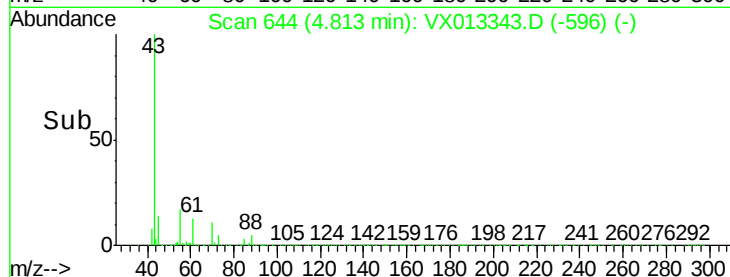
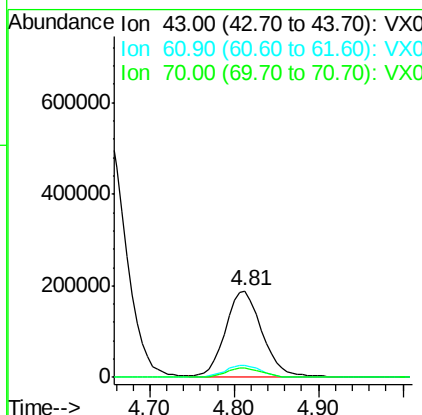
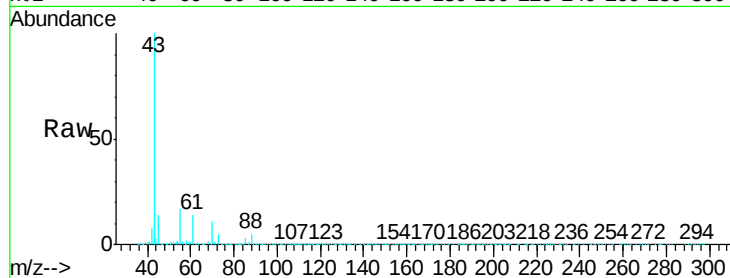
#37
Ethyl Acetate
Concen: 46.175 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:	43	Resp:	553964
Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.7	16.1
70	10.9	8.7	13.1

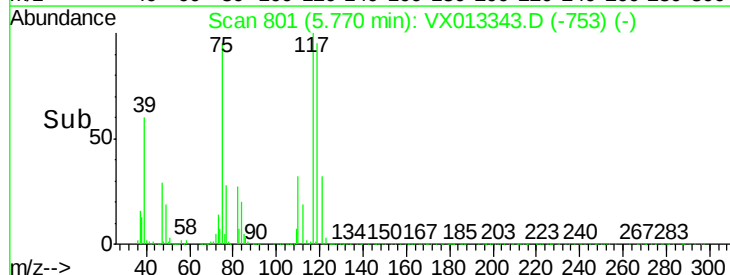
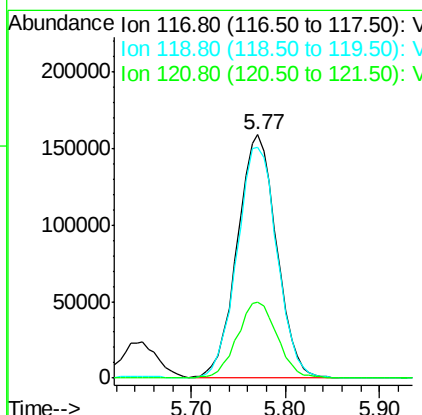
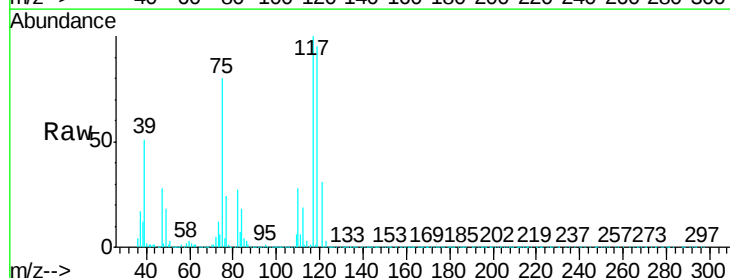
Manual Integrations
APPROVED

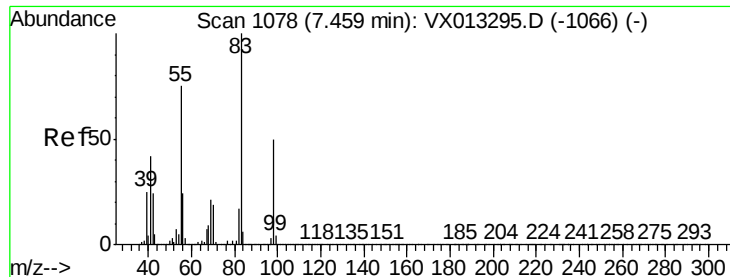
MMDadoda
11/8/2019 9:33:04 AM



#38
Carbon Tetrachloride
Concen: 48.603 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Tgt Ion:	117	Resp:	461448
Ion	Ratio	Lower	Upper
117	100		
119	94.7	76.1	114.1
121	30.9	24.6	37.0





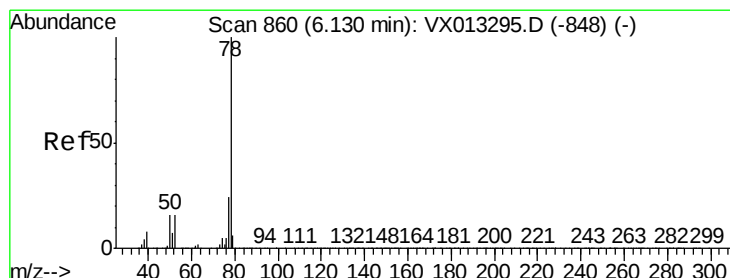
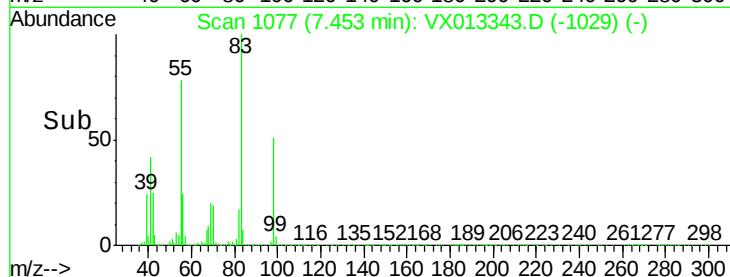
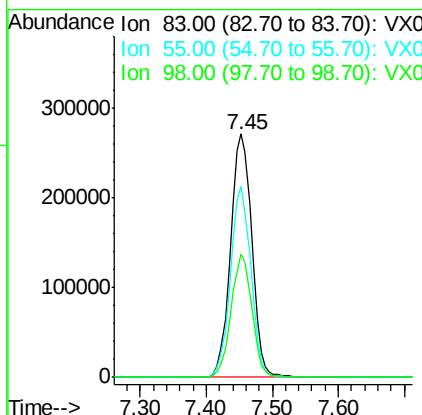
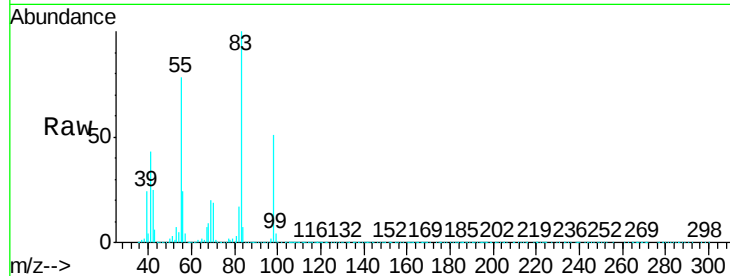
#39
Methylcyclohexane
Concen: 49.667 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp Lower	Resp Upper
83	100		
55	78.2	60.3	90.5
98	50.6	40.3	60.5

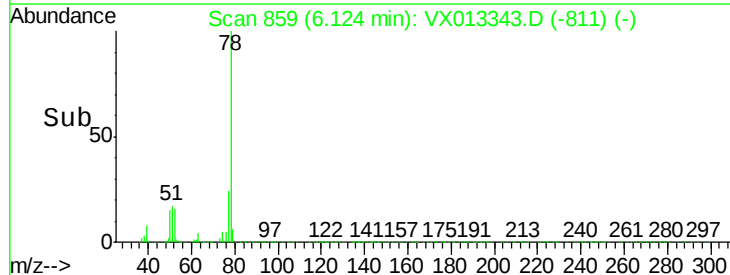
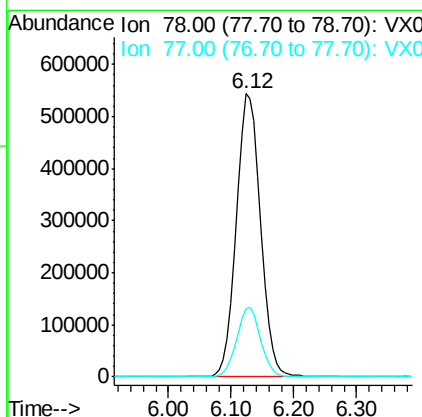
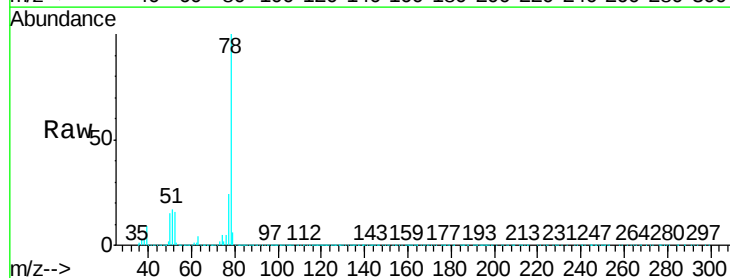
Manual Integrations
APPROVED

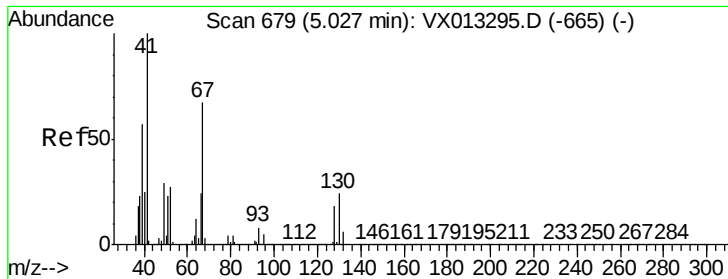
MMDadoda
11/8/2019 9:33:04 AM



#40
Benzene
Concen: 47.998 ug/l
RT: 6.12 min Scan# 859
Delta R.T. -0.01 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
78	100		
77	24.1	19.5	29.3





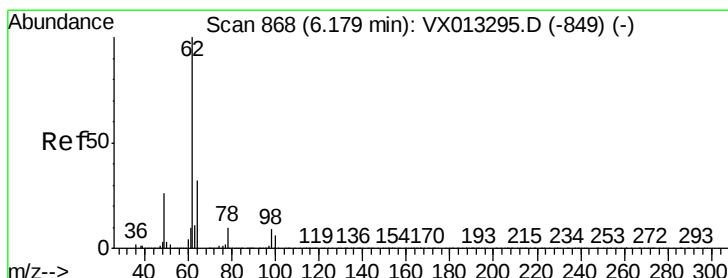
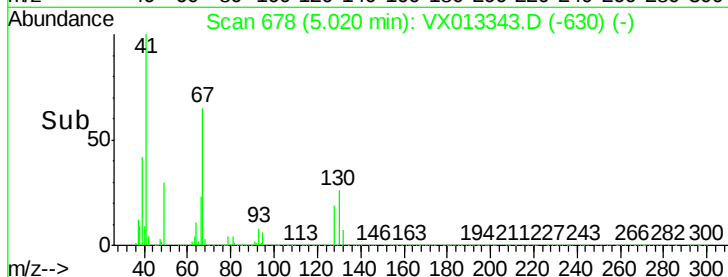
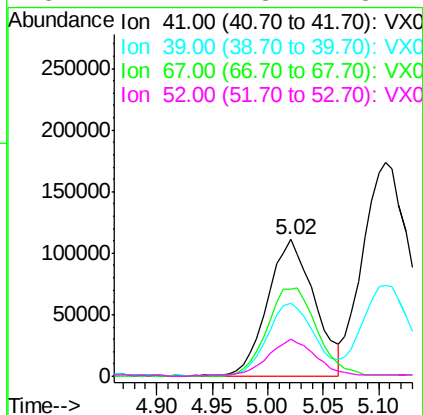
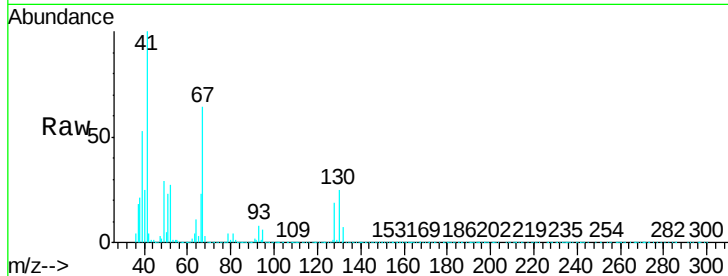
#41
Methacrylonitrile
Concen: 48.286 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	54.0	45.0	67.6
67	67	68.5	55.4	83.2
52	52	27.2	23.1	34.7

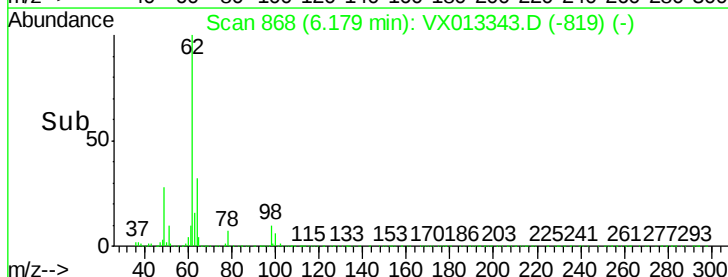
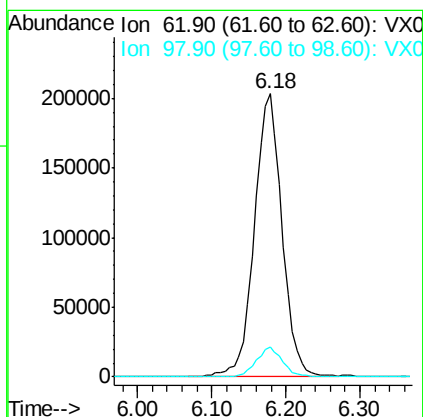
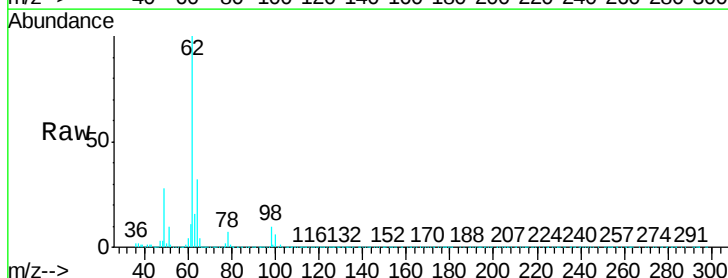
Manual Integrations
APPROVED

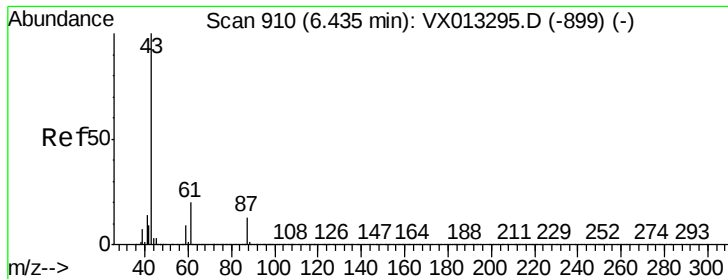
MMDadoda
11/8/2019 9:33:04 AM



#42
1,2-Dichloroethane
Concen: 48.011 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Tgt Ion	Ion	Ratio	Lower	Upper
62	62	100		
98	98	10.1	0.0	19.4





#43

Isopropyl Acetate

Concen: 49.441 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013343.D

Acq: 07 Nov 2019 10:29

Instrument :

MSVOA_X

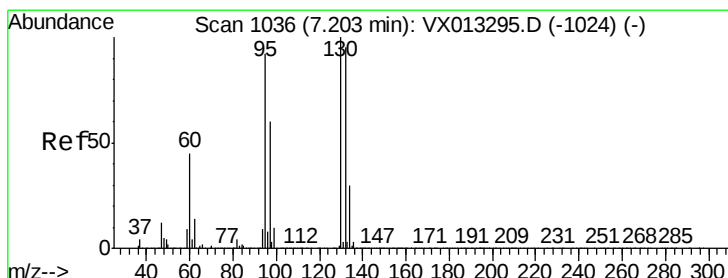
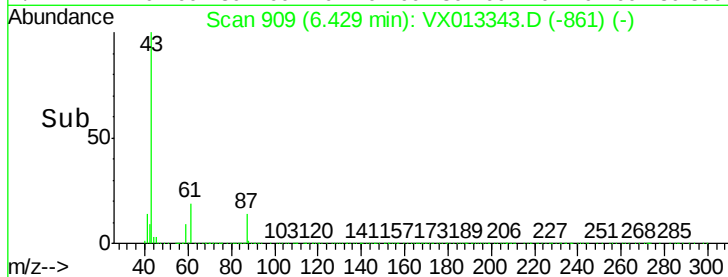
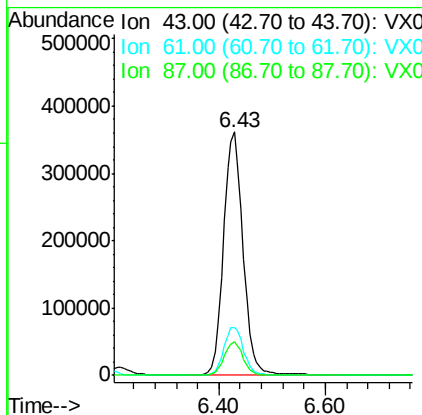
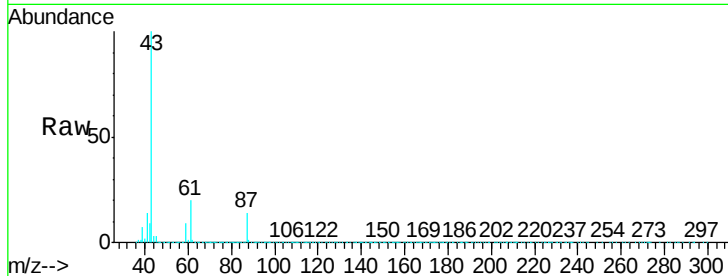
ClientSampleId :

VSTDCCC050

Tgt Ion:	43	Resp:	923650
Ion Ratio		Lower	Upper
43	100		
61	20.2	15.8	23.8
87	13.5	10.4	15.6

Manual Integrations
APPROVED

MMDadoda
11/8/2019 9:33:04 AM



#44

Trichloroethene

Concen: 48.177 ug/l

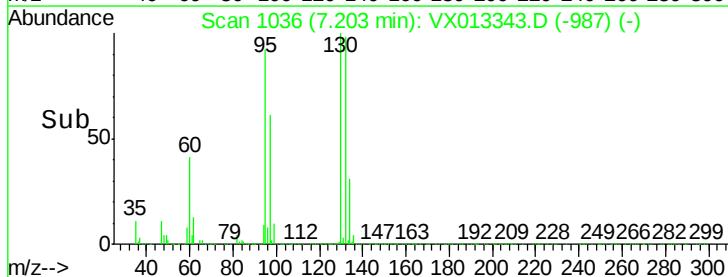
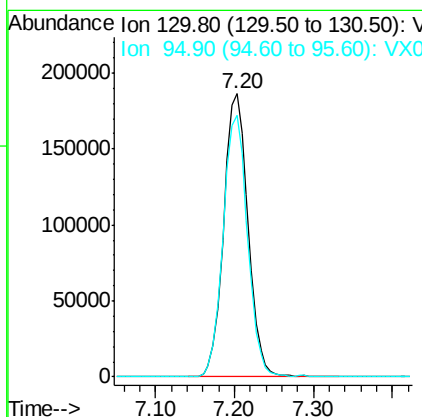
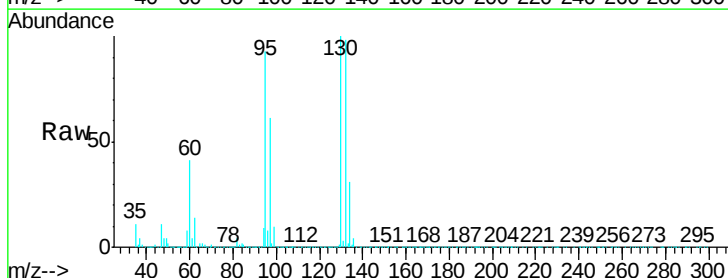
RT: 7.20 min Scan# 1036

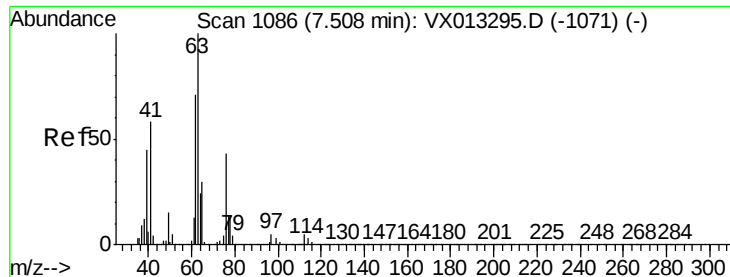
Delta R.T. -0.00 min

Lab File: VX013343.D

Acq: 07 Nov 2019 10:29

Tgt Ion:	130	Resp:	401070
Ion Ratio		Lower	Upper
130	100		
95	92.5	0.0	184.8





#45

1,2-Dichloropropane

Concen: 49.469 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013343.D

Acq: 07 Nov 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 381204

Ion Ratio Lower Upper

63 100

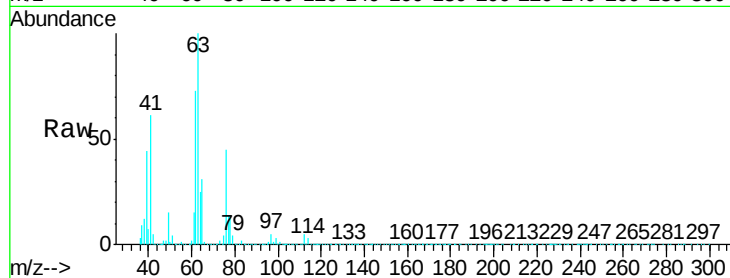
65 31.2 24.3 36.5

Manual Integrations

APPROVED

MMDadoda

11/8/2019 9:33:04 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.50

200000

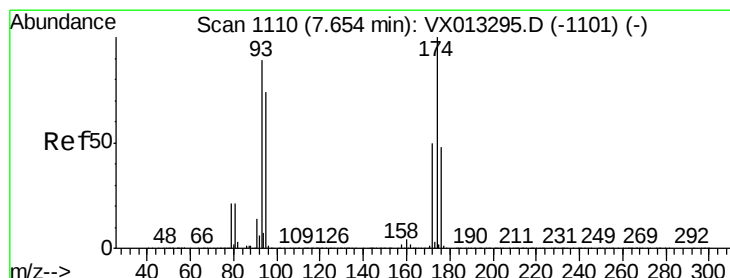
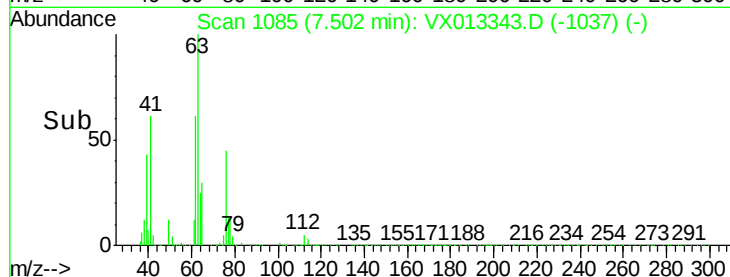
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60



#46

Dibromomethane

Concen: 48.364 ug/l

RT: 7.65 min Scan# 1109

Delta R.T. -0.01 min

Lab File: VX013343.D

Acq: 07 Nov 2019 10:29

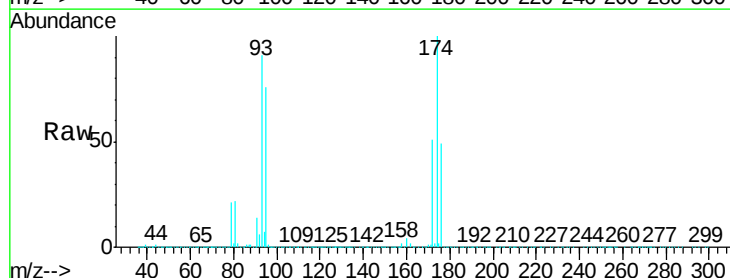
Tgt Ion: 93 Resp: 254460

Ion Ratio Lower Upper

93 100

95 82.9 65.8 98.6

174 114.3 90.4 135.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

200000

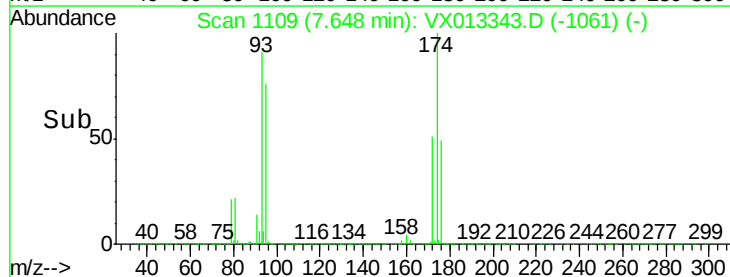
150000

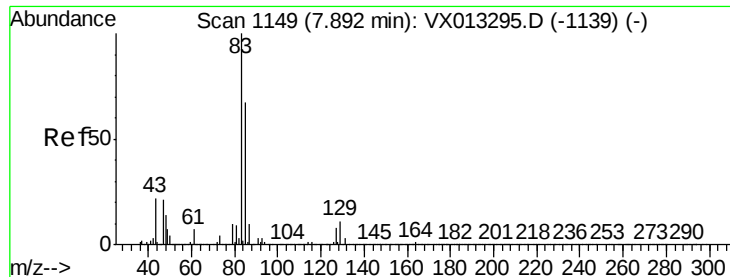
100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 50.951 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013343.D

Acq: 07 Nov 2019 10:29

Instrument :

MSVOA_X

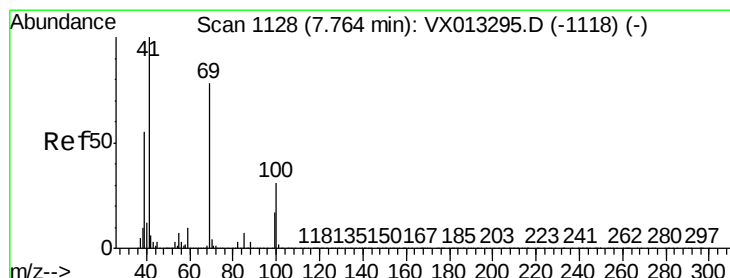
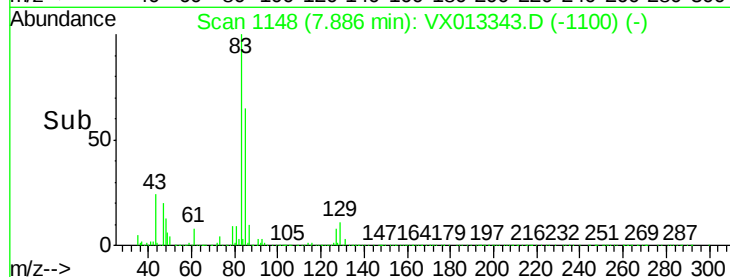
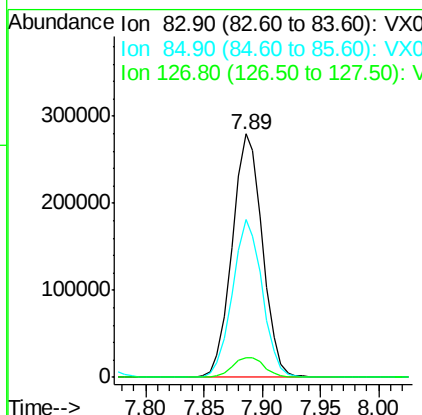
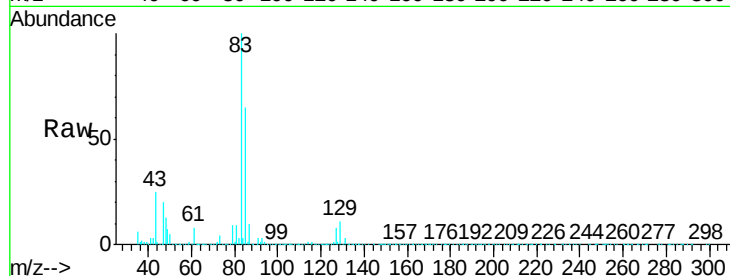
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	505507
Ion Ratio	Lower	Upper	
83	100		
85	64.6	53.7	80.5
127	8.1	6.4	9.6

Manual Integrations
APPROVED

MMDadoda
11/8/2019 9:33:04 AM



#48

Methyl methacrylate

Concen: 50.247 ug/l

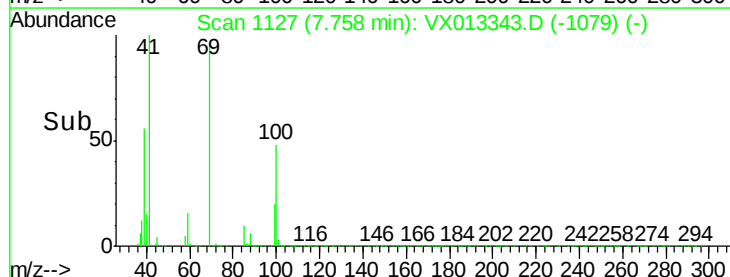
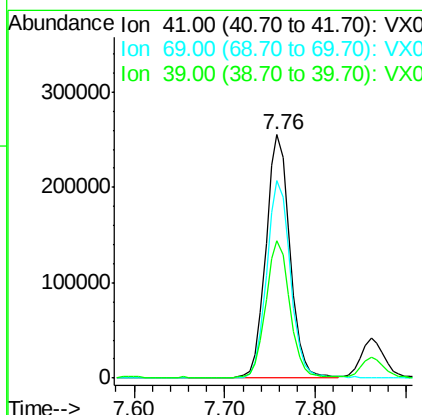
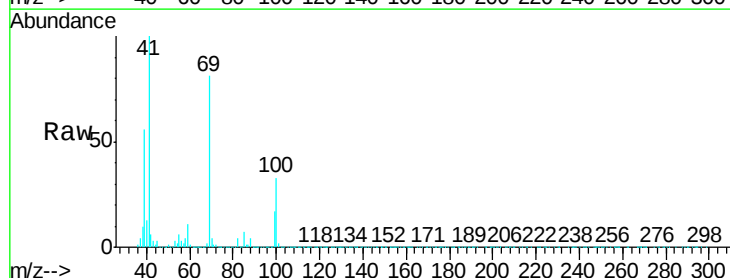
RT: 7.76 min Scan# 1127

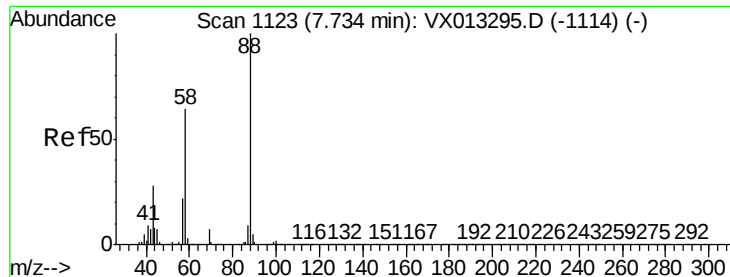
Delta R.T. -0.01 min

Lab File: VX013343.D

Acq: 07 Nov 2019 10:29

Tgt Ion:	41	Resp:	468577
Ion Ratio	Lower	Upper	
41	100		
69	80.0	63.0	94.6
39	55.7	45.9	68.9





#49

1,4-Dioxane

Concen: 912.157 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013343.D

Acq: 07 Nov 2019 10:29

Instrument :

MSVOA_X

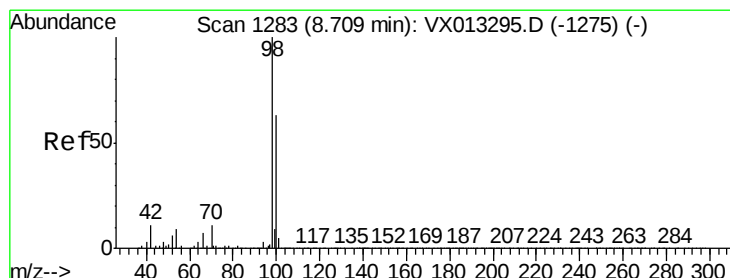
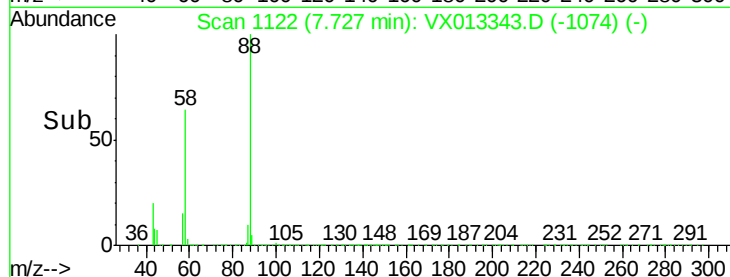
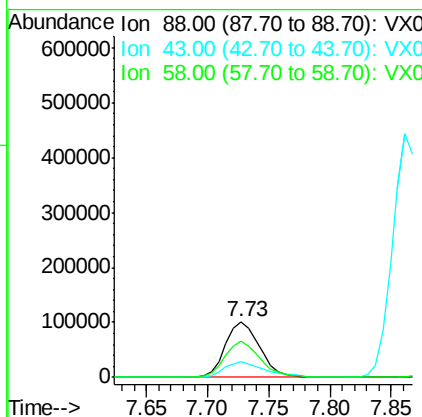
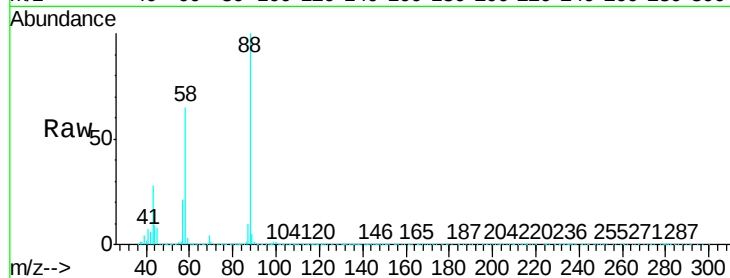
ClientSampleId :

VSTDCCC050

Tgt Ion:	88	Resp:	194804
Ion Ratio	Lower	Upper	
88	100		
43	32.4	26.6	39.8
58	66.9	55.0	82.6

Manual Integrations
APPROVED

MMDadoda
11/8/2019 9:33:04 AM



#50

Toluene-d8

Concen: 48.558 ug/l

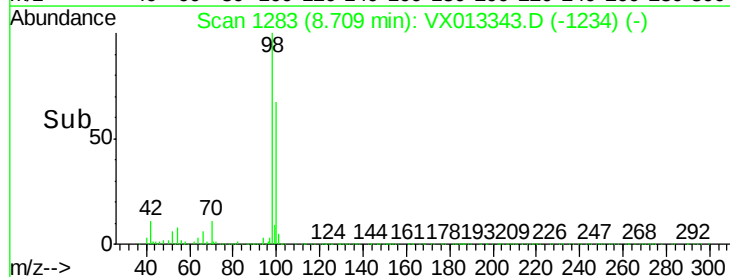
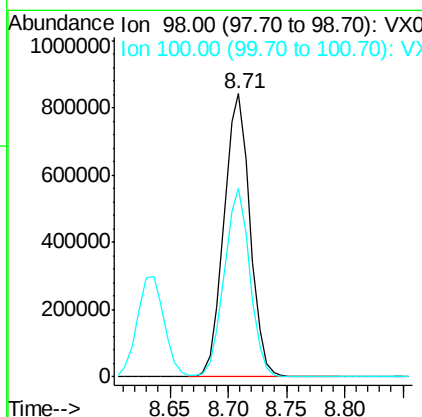
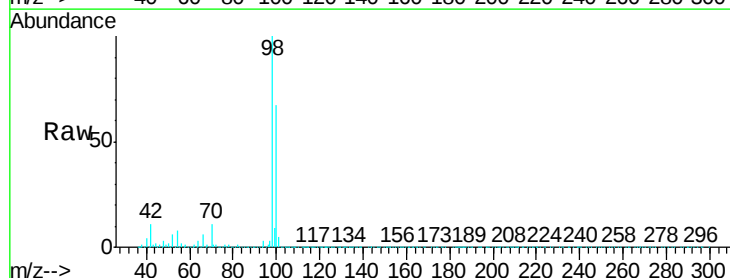
RT: 8.71 min Scan# 1283

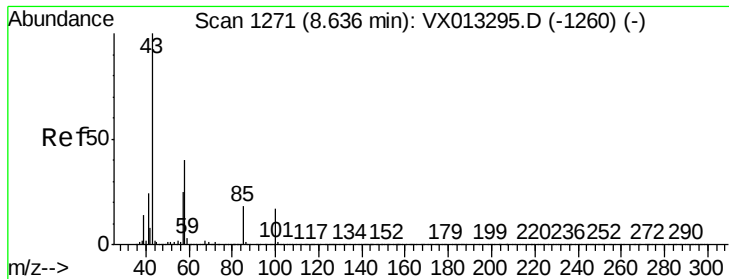
Delta R.T. -0.00 min

Lab File: VX013343.D

Acq: 07 Nov 2019 10:29

Tgt Ion:	98	Resp:	1299450
Ion Ratio	Lower	Upper	
98	100		
100	65.6	52.2	78.2





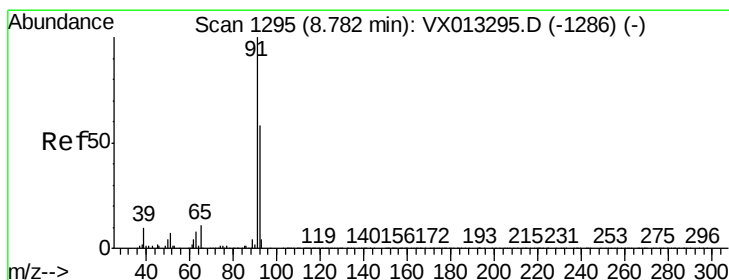
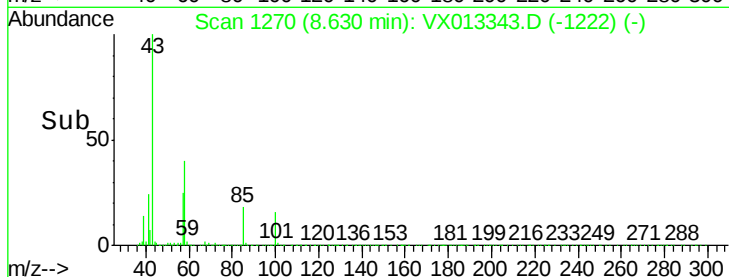
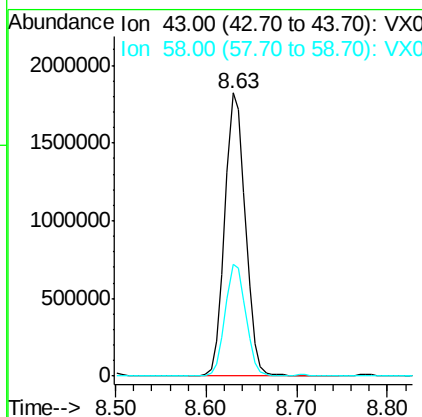
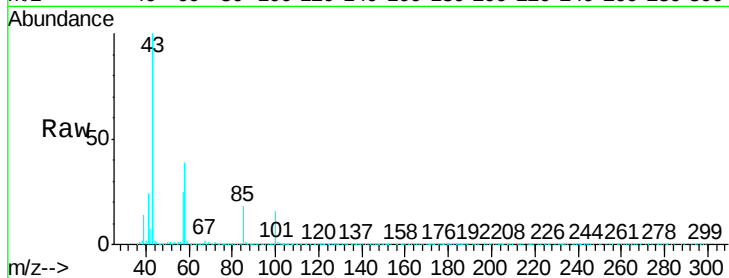
#51
 4-Methyl-2-Pentanone
 Concen: 235.835 ug/l
 RT: 8.63 min Scan# 1270
 Delta R.T. -0.01 min
 Lab File: VX013343.D
 Acq: 07 Nov 2019 10:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 2890587
 Ion Ratio Lower Upper
 43 100
 58 39.4 31.4 47.0

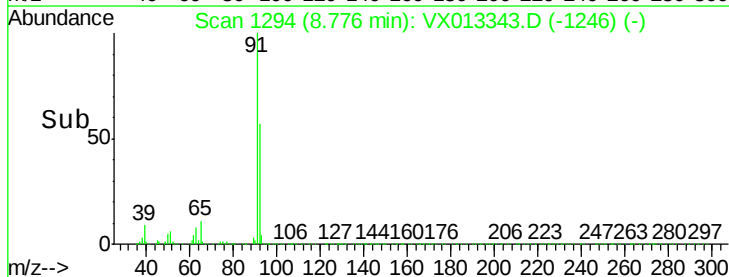
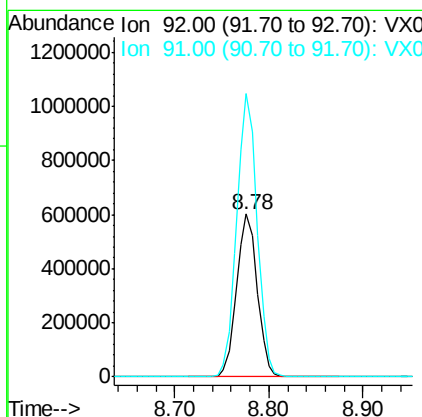
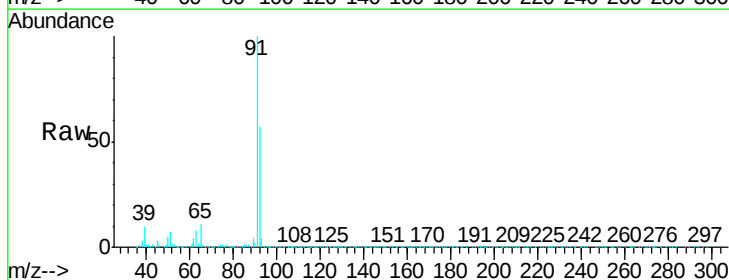
Manual Integrations
 APPROVED

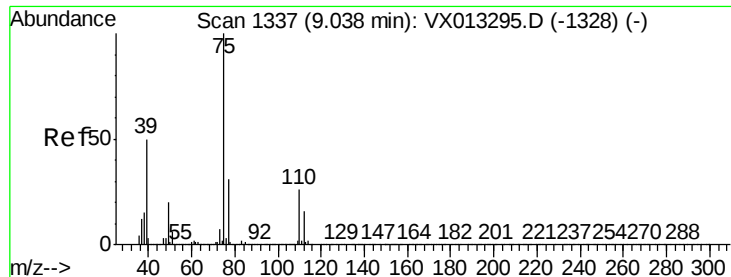
MMDadoda
 11/8/2019 9:33:04 AM



#52
 Toluene
 Concen: 48.770 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX013343.D
 Acq: 07 Nov 2019 10:29

Tgt Ion: 92 Resp: 914173
 Ion Ratio Lower Upper
 92 100
 91 172.7 138.0 207.0





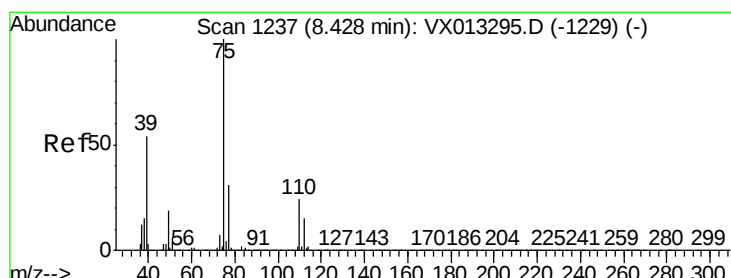
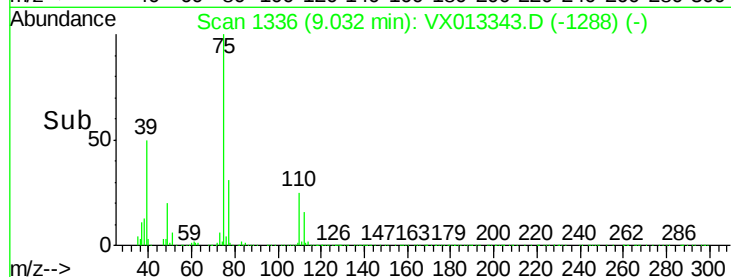
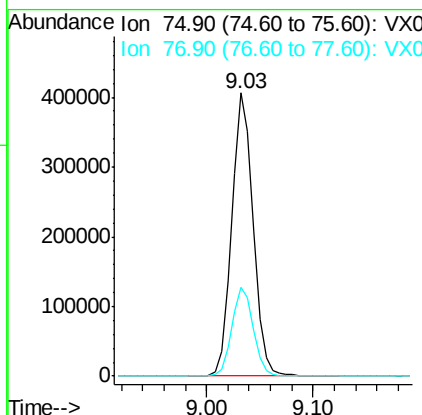
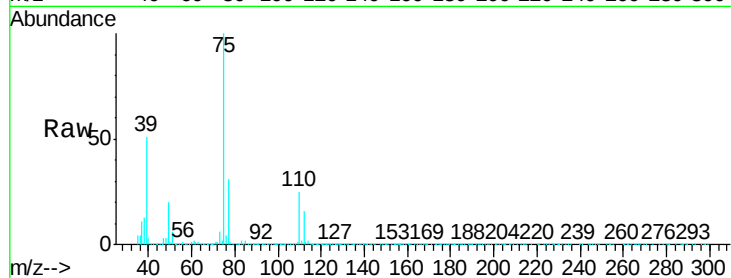
#53
t-1,3-Dichloropropene
Concen: 52.735 ug/l
RT: 9.03 min Scan# 1336
Delta R.T. -0.01 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 572118
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.4

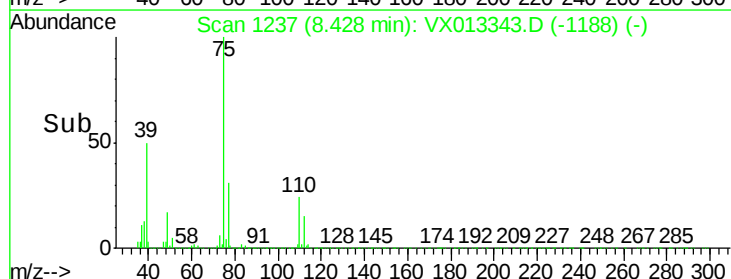
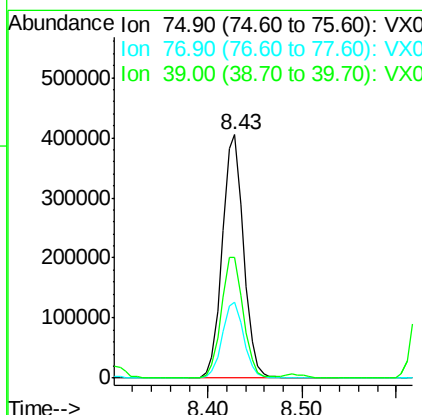
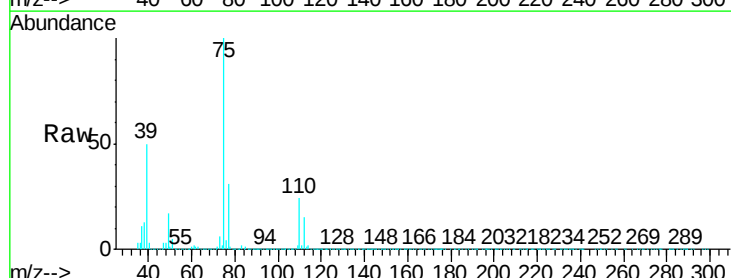
Manual Integrations
APPROVED

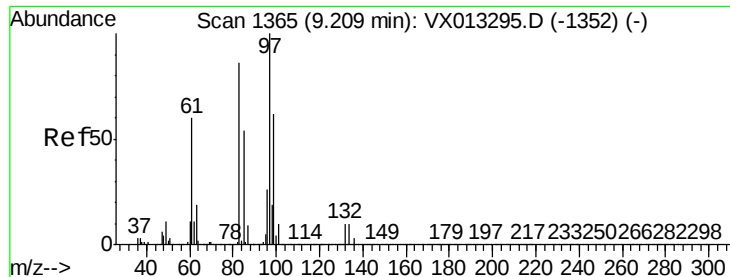
MMDadoda
11/8/2019 9:33:04 AM



#54
cis-1,3-Dichloropropene
Concen: 52.122 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Tgt Ion: 75 Resp: 632544
Ion Ratio Lower Upper
75 100
77 31.0 24.7 37.1
39 49.5 43.0 64.6





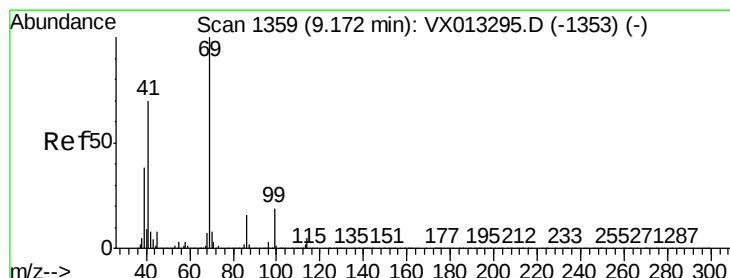
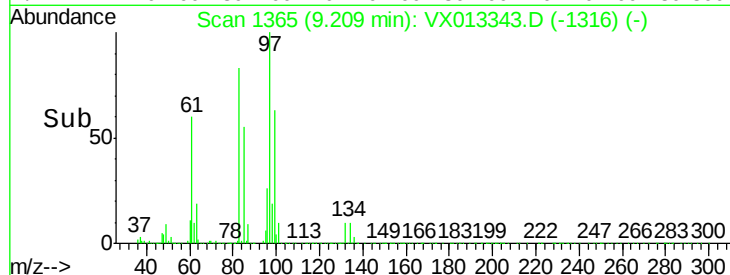
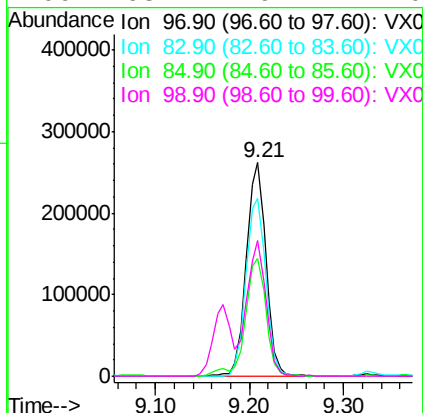
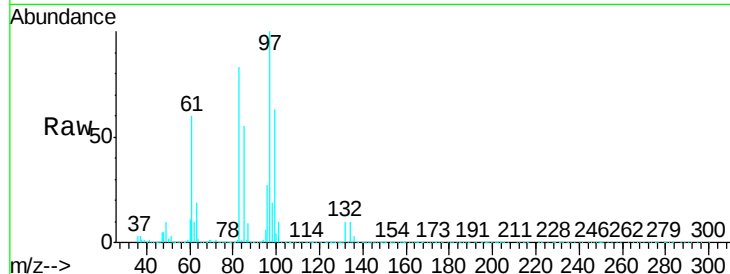
#55
 1,1,2-Trichloroethane
 Concen: 49.275 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013343.D
 Acq: 07 Nov 2019 10:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	382843		
83	83.1	68.6	103.0	
85	54.9	43.1	64.7	
99	63.2	49.4	74.0	

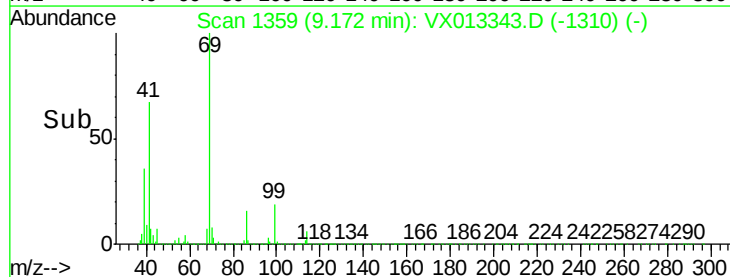
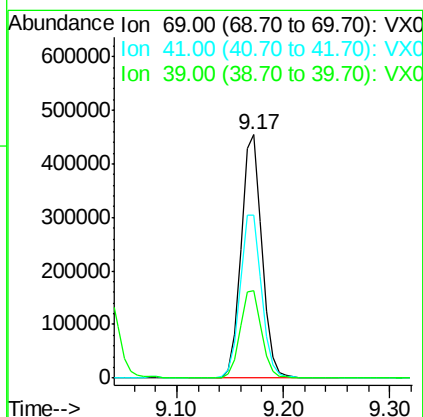
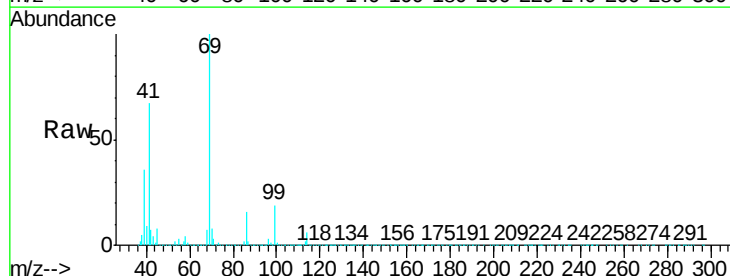
Manual Integrations
 APPROVED

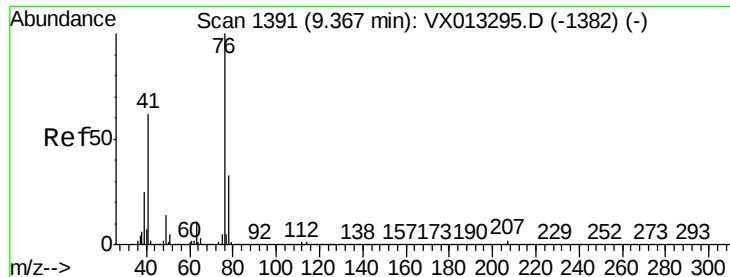
MMDadoda
 11/8/2019 9:33:04 AM



#56
 Ethyl methacrylate
 Concen: 47.061 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX013343.D
 Acq: 07 Nov 2019 10:29

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	622967		
41	69.3	56.2	84.2	
39	37.4	31.1	46.7	





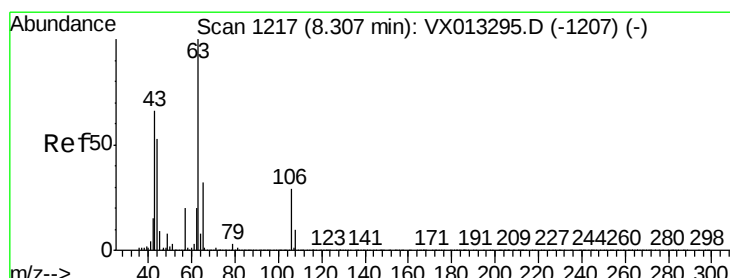
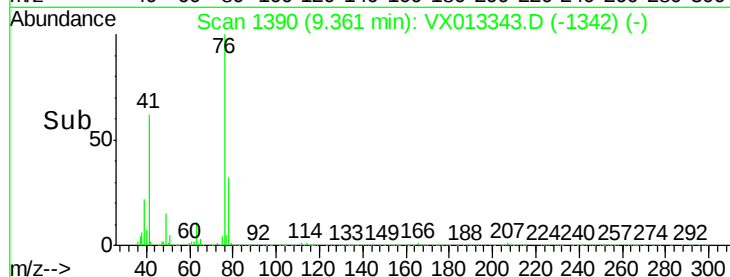
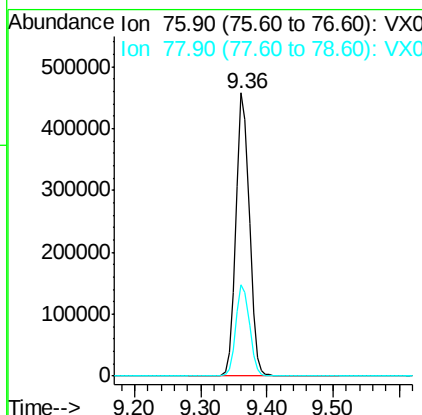
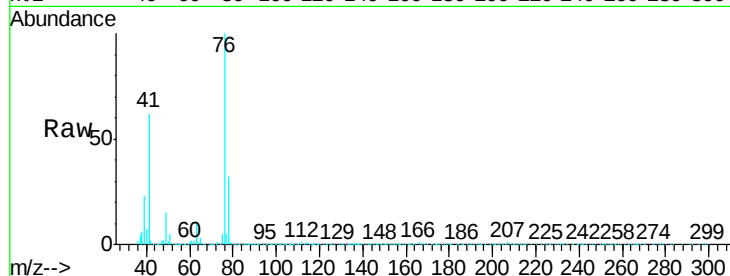
#57
 1,3-Dichloropropane
 Concen: 48.829 ug/l
 RT: 9.36 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: VX013343.D
 Acq: 07 Nov 2019 10:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 644002
 Ion Ratio Lower Upper
 76 100
 78 32.8 25.8 38.6

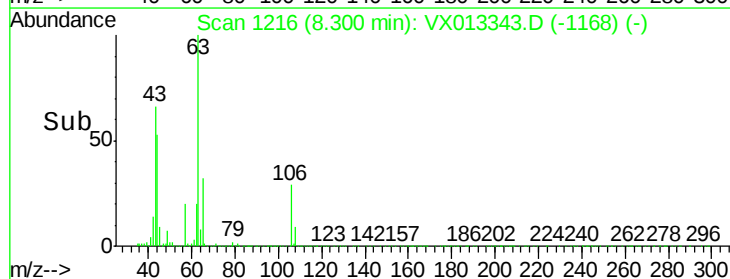
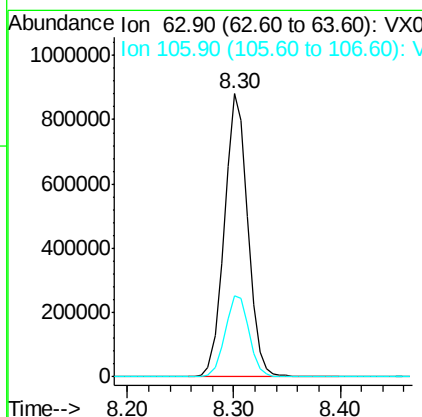
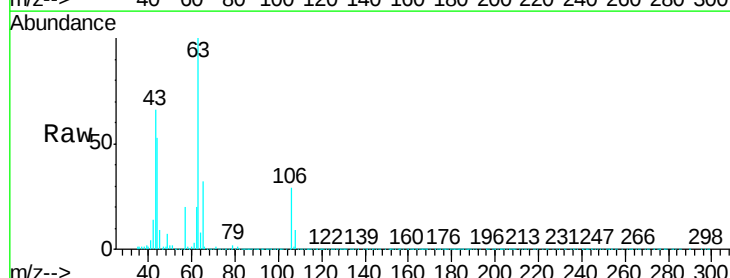
Manual Integrations
 APPROVED

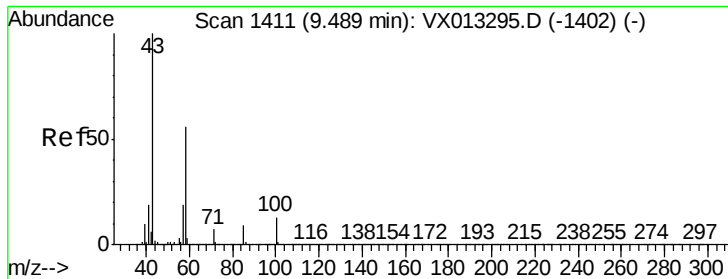
MMDadoda
 11/8/2019 9:33:04 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 254.824 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX013343.D
 Acq: 07 Nov 2019 10:29

Tgt Ion: 63 Resp: 1353723
 Ion Ratio Lower Upper
 63 100
 106 29.5 23.4 35.2





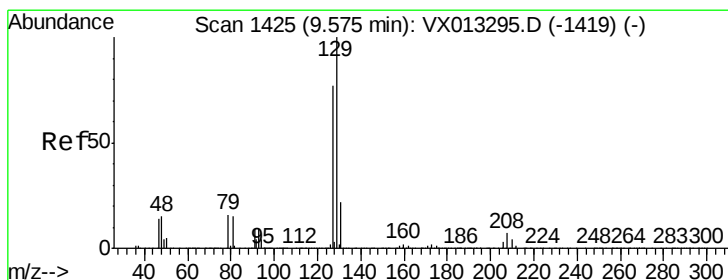
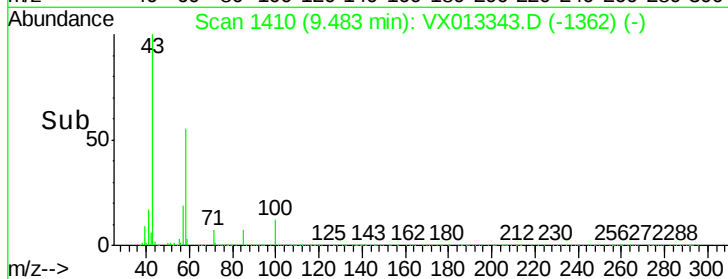
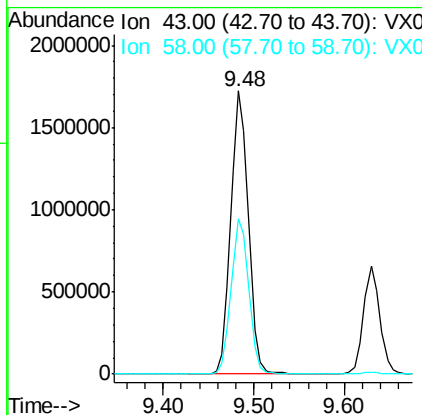
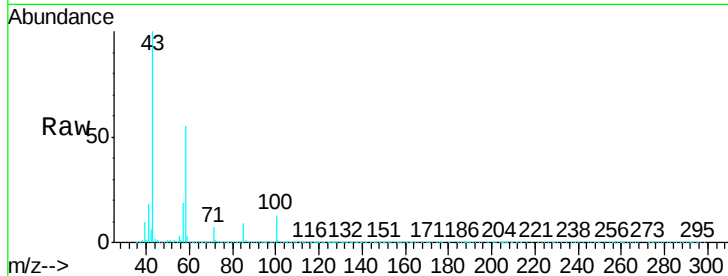
#59
2-Hexanone
Concen: 244.851 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 2319180
Ion Ratio Lower Upper
43 100
58 55.2 27.3 81.8

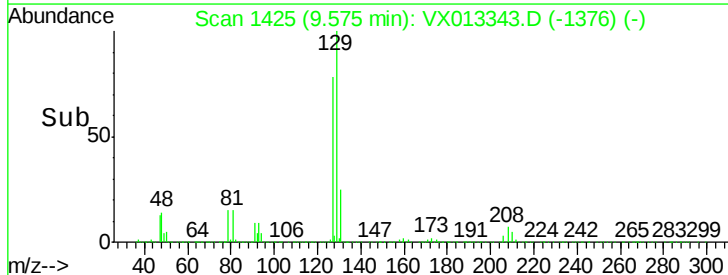
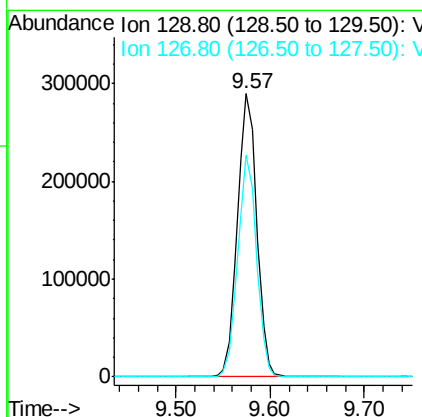
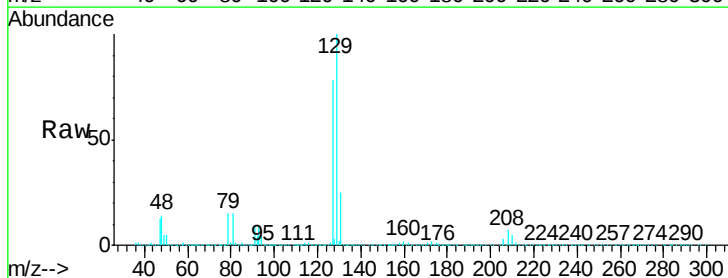
Manual Integrations
APPROVED

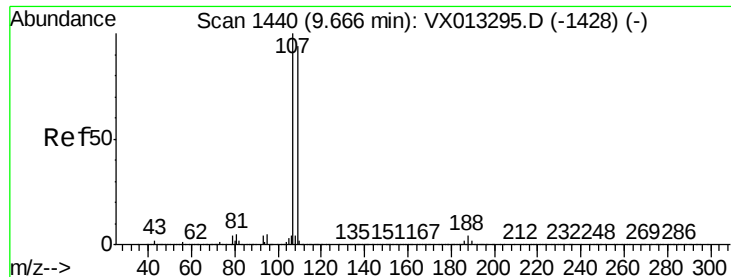
MMDadoda
11/8/2019 9:33:04 AM



#60
Dibromochloromethane
Concen: 52.020 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Tgt Ion: 129 Resp: 413354
Ion Ratio Lower Upper
129 100
127 76.3 39.1 117.2





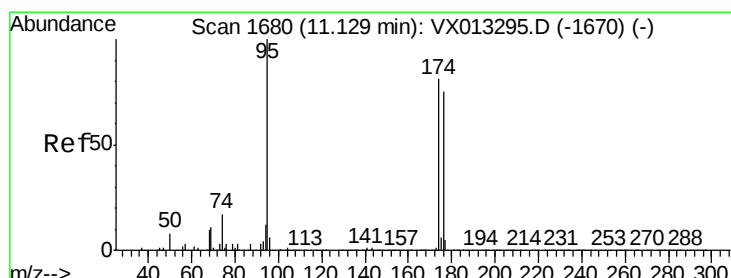
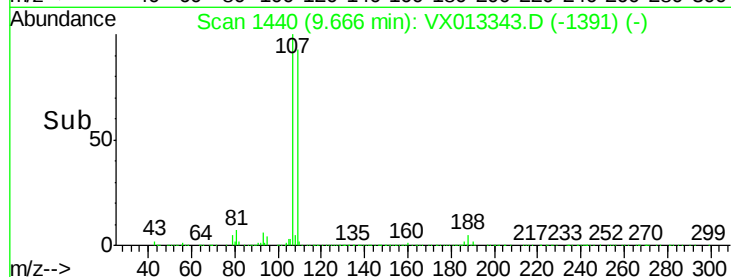
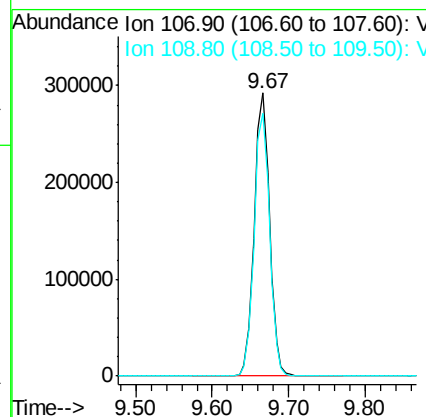
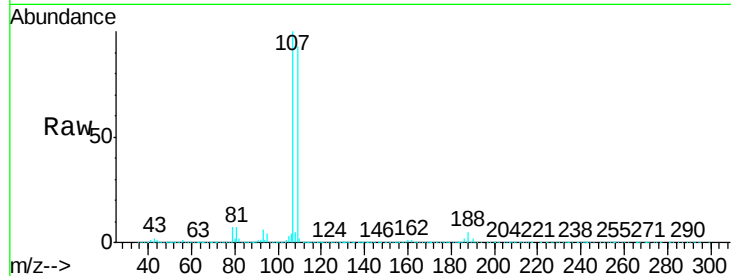
#61
 1,2-Dibromoethane
 Concen: 49.685 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013343.D
 Acq: 07 Nov 2019 10:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
107	100		
109	93.7	75.1	112.7

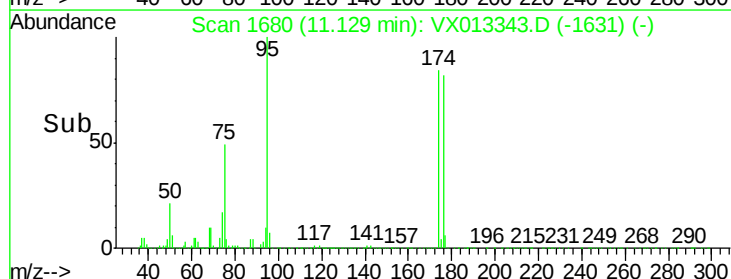
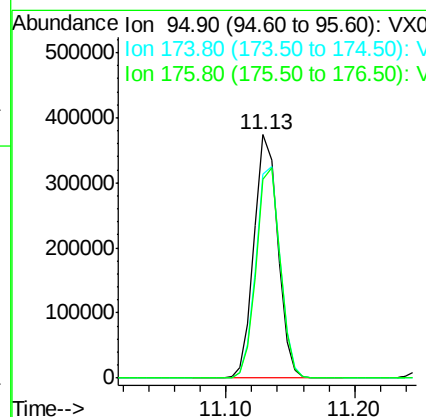
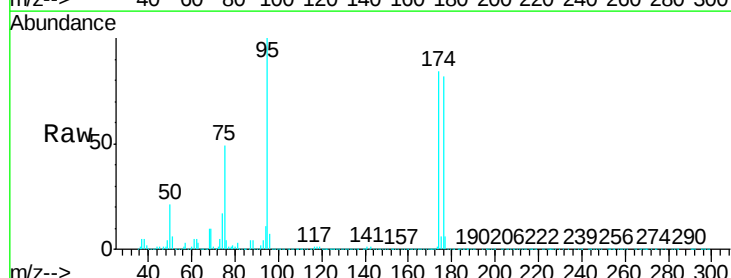
Manual Integrations
 APPROVED

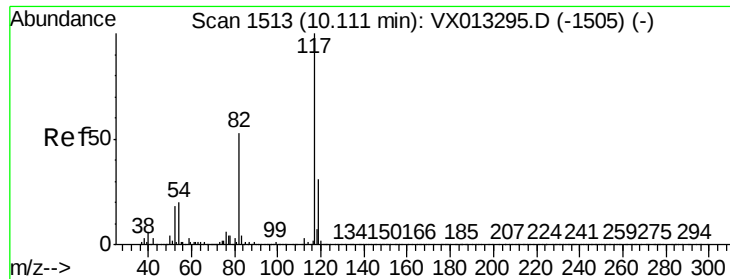
MMDadoda
 11/8/2019 9:33:04 AM



#62
 4-Bromofluorobenzene
 Concen: 48.981 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VX013343.D
 Acq: 07 Nov 2019 10:29

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.7	0.0	179.8
176	86.8	0.0	173.0





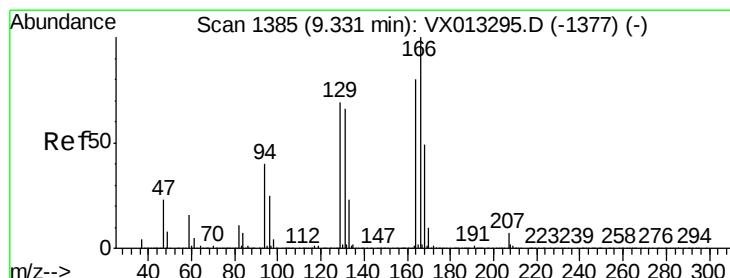
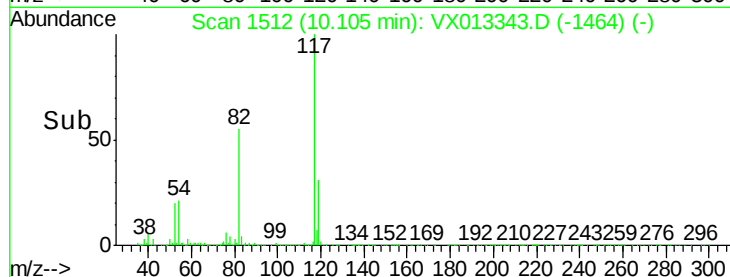
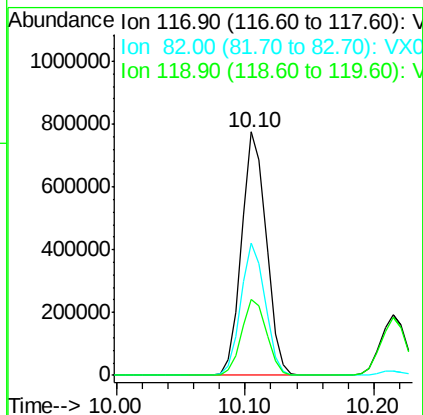
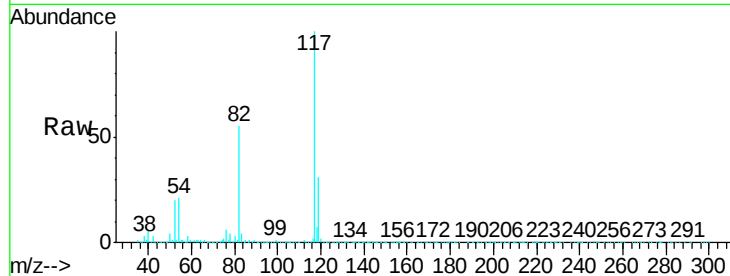
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:117 Resp: 1025739
Ion Ratio Lower Upper
117 100
82 54.6 42.6 64.0
119 31.4 24.8 37.2

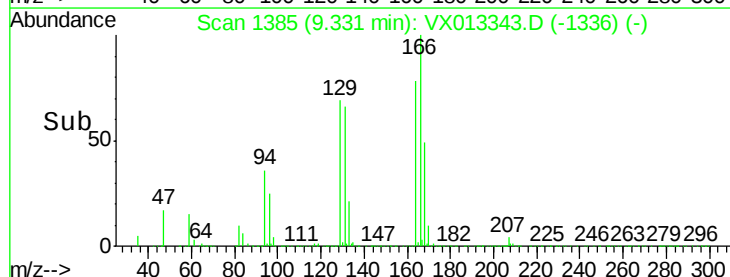
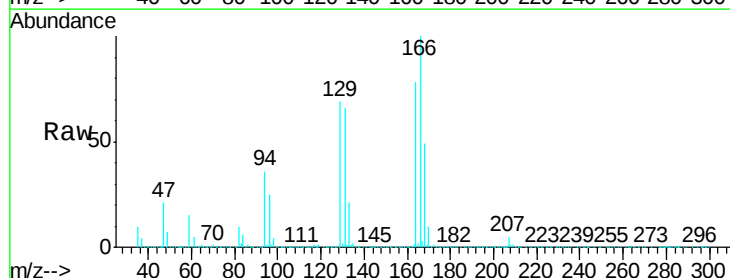
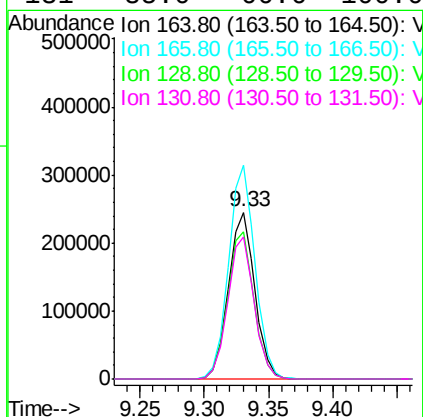
Manual Integrations
APPROVED

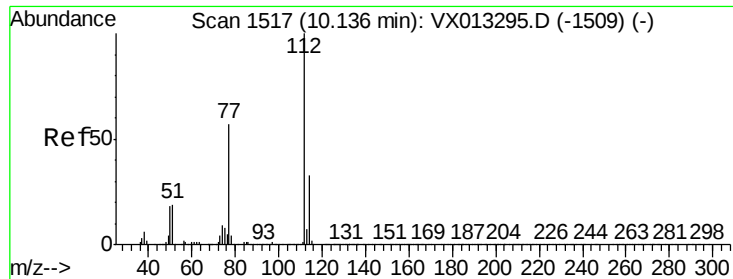
MMDadoda
11/8/2019 9:33:04 AM



#64
Tetrachloroethene
Concen: 47.813 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Tgt Ion:164 Resp: 351092
Ion Ratio Lower Upper
164 100
166 128.4 100.4 150.6
129 88.0 69.4 104.2
131 85.0 66.6 100.0





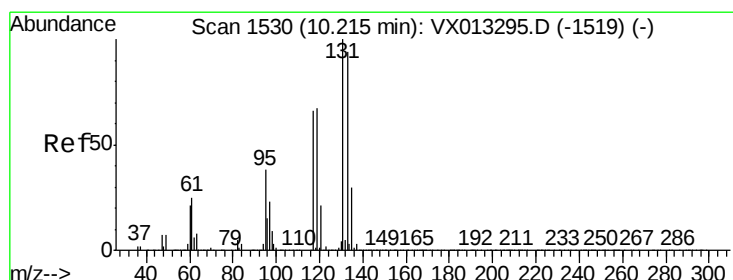
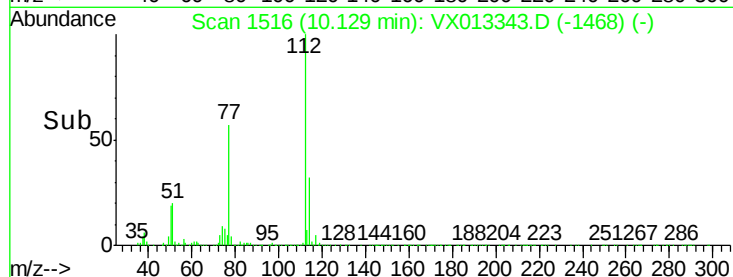
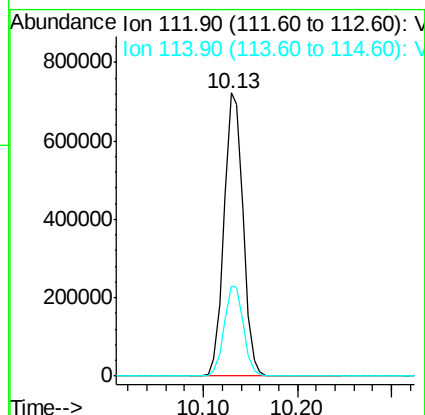
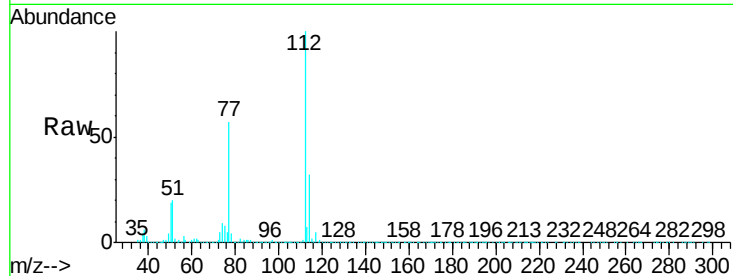
#65
Chlorobenzene
Concen: 48.428 ug/l
RT: 10.13 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 1005686
Ion Ratio Lower Upper
112 100
114 32.0 26.4 39.6

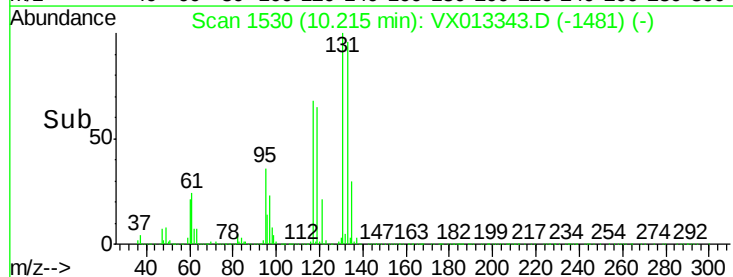
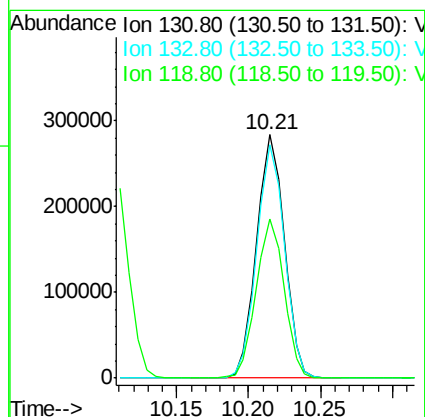
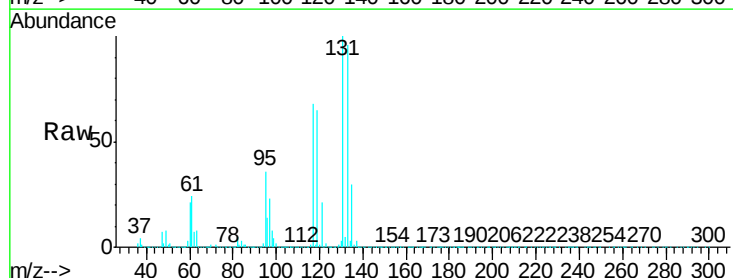
Manual Integrations
APPROVED

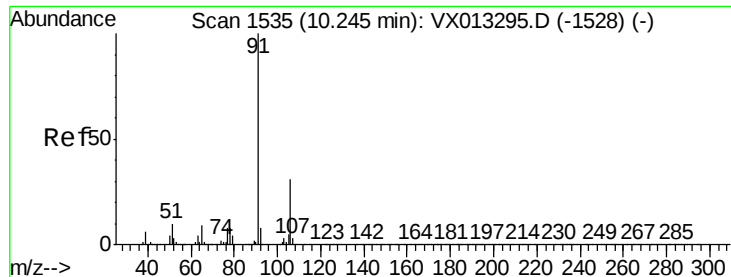
MMDadoda
11/8/2019 9:33:04 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.619 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Tgt Ion:131 Resp: 378344
Ion Ratio Lower Upper
131 100
133 95.7 48.0 144.0
119 65.7 33.0 99.0





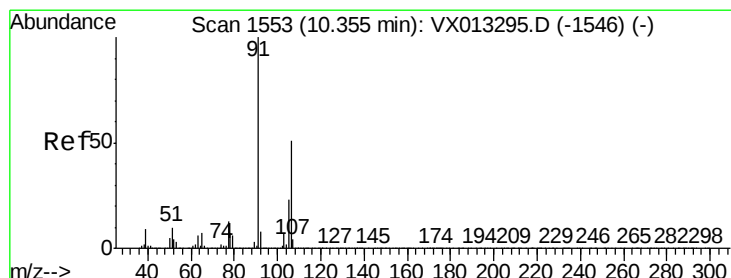
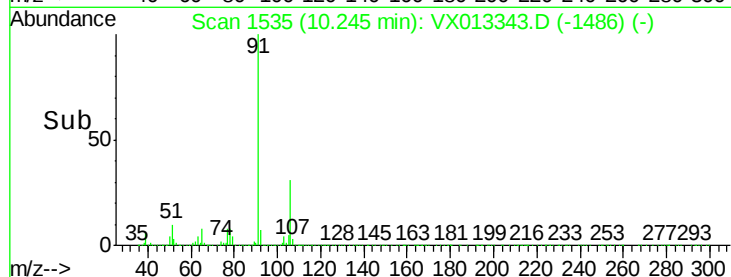
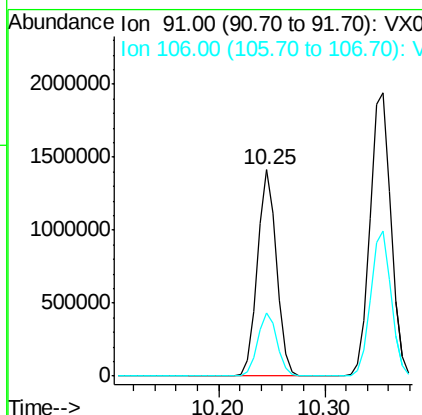
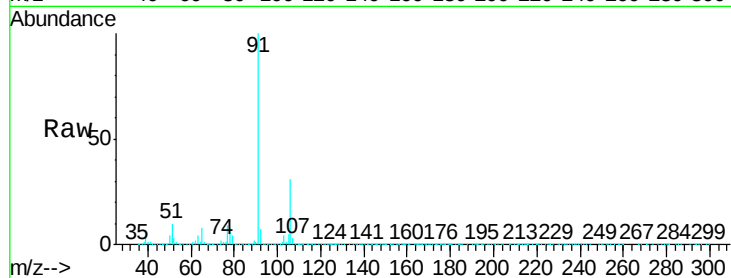
#67
Ethyl Benzene
Concen: 49.639 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1779119
Ion Ratio Lower Upper
91 100
106 30.8 24.6 36.8

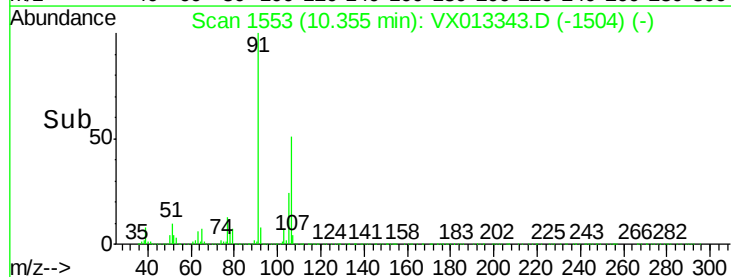
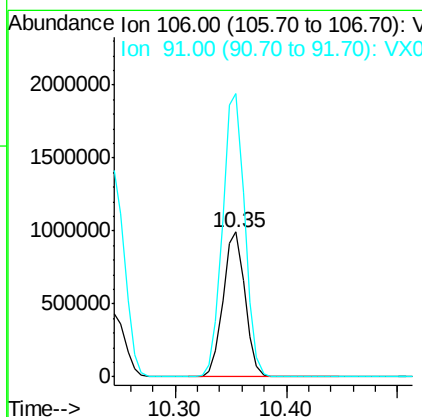
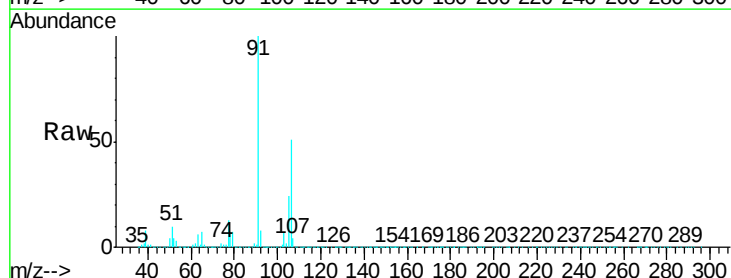
Manual Integrations
APPROVED

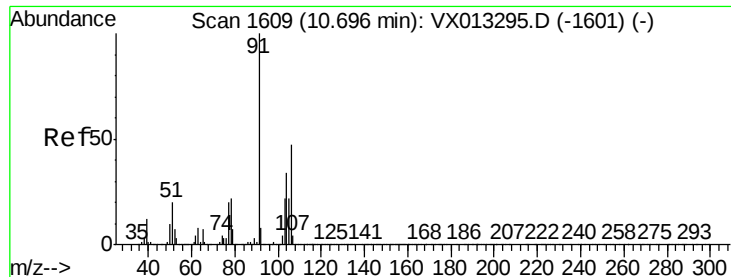
MMDadoda
11/8/2019 9:33:04 AM



#68
m/p-Xylenes
Concen: 99.445 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Tgt Ion: 106 Resp: 1347943
Ion Ratio Lower Upper
106 100
91 198.4 159.3 238.9





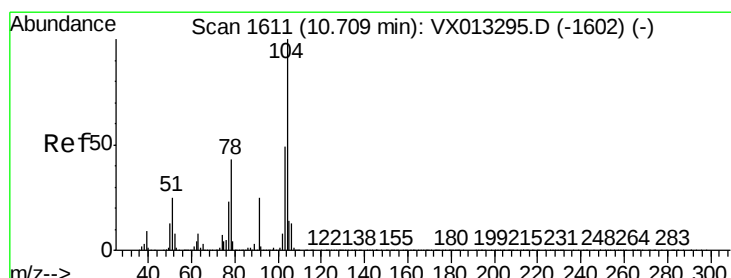
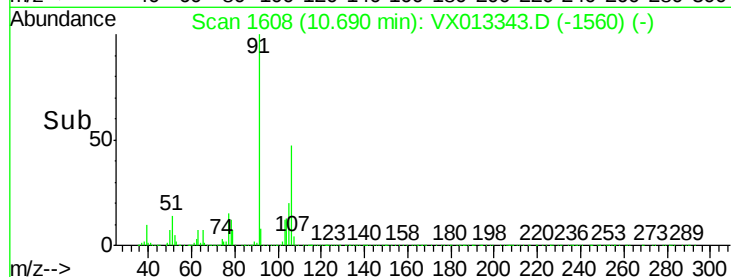
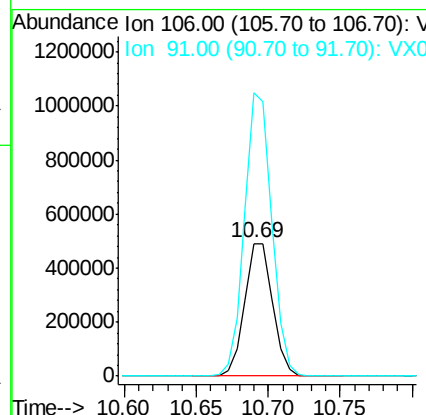
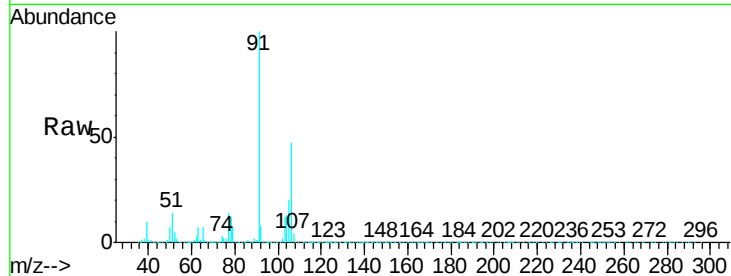
#69
o-Xylene
Concen: 49.764 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 660394
Ion Ratio Lower Upper
106 100
91 208.8 105.7 317.0

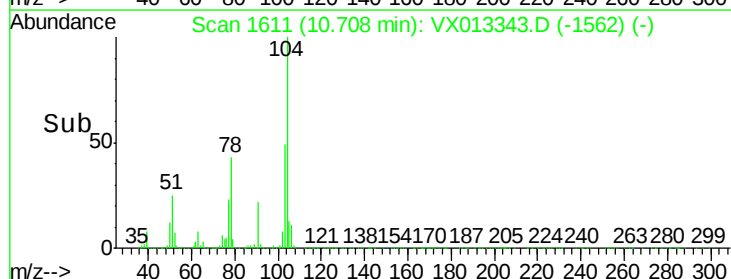
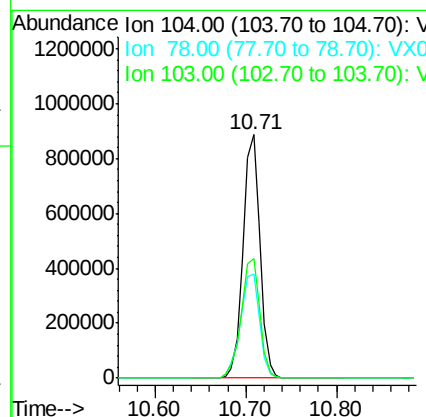
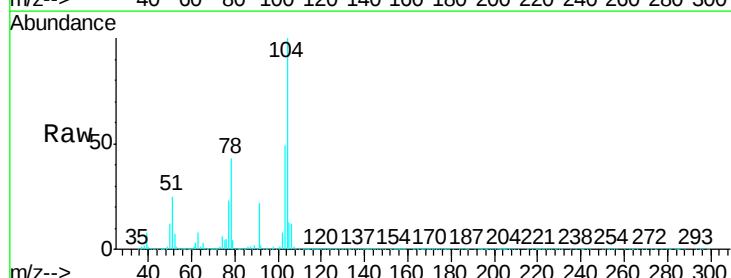
Manual Integrations
APPROVED

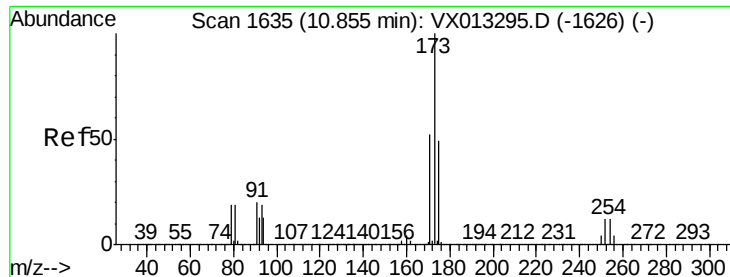
MMDadoda
11/8/2019 9:33:04 AM



#70
Styrene
Concen: 51.701 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Tgt Ion:104 Resp: 1146892
Ion Ratio Lower Upper
104 100
78 48.8 40.0 60.0
103 54.3 44.1 66.1





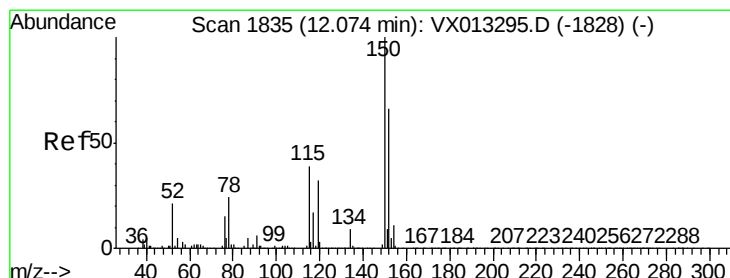
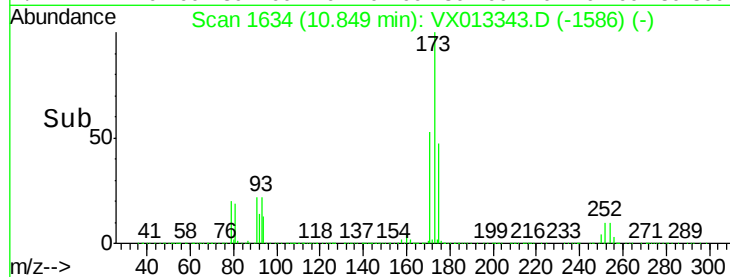
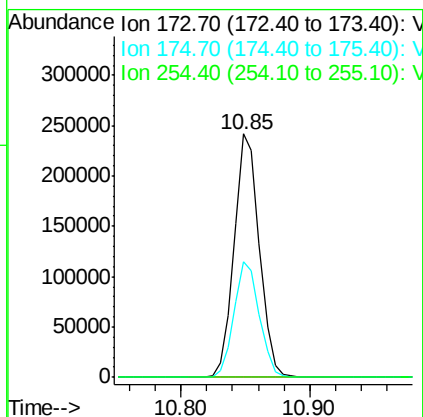
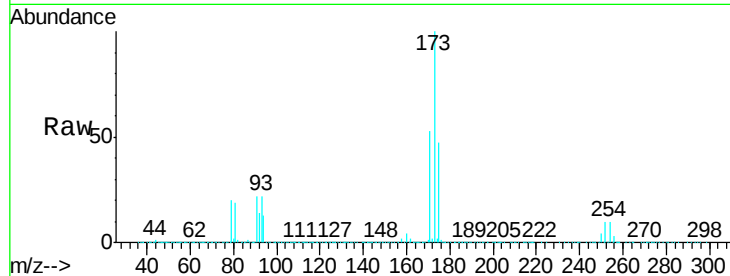
#71
Bromoform
Concen: 46.698 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.8	74.4
254	0.1	0.2	0.2

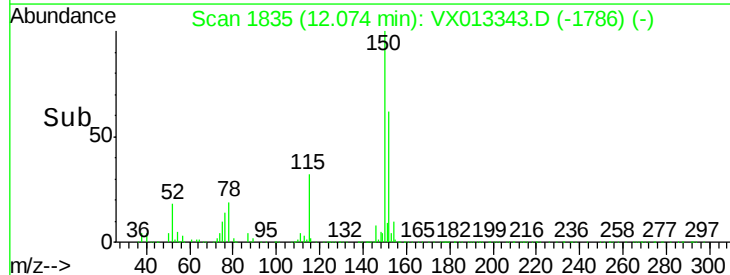
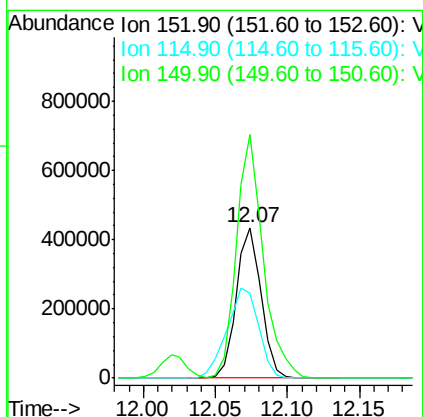
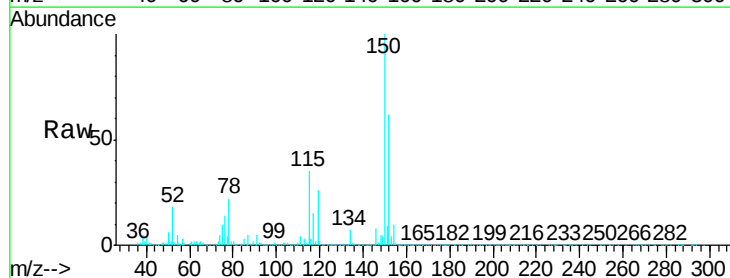
Manual Integrations
APPROVED

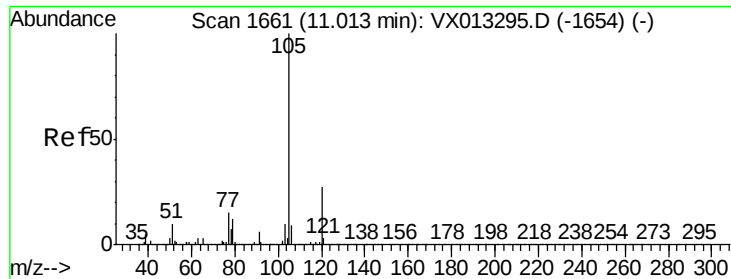
MMDadoda
11/8/2019 9:33:04 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.1	39.5	118.3
150	174.8	0.0	344.4





#73

Isopropylbenzene

Concen: 50.639 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013343.D

Acq: 07 Nov 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 1749790

Ion Ratio Lower Upper

105 100

120 27.1

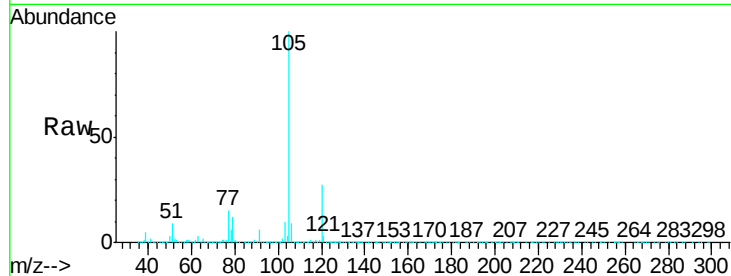
13.5

40.5

Manual Integrations
APPROVED

MMDadoda

11/8/2019 9:33:04 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1500000

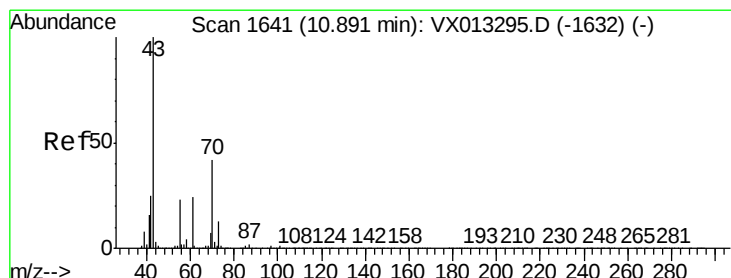
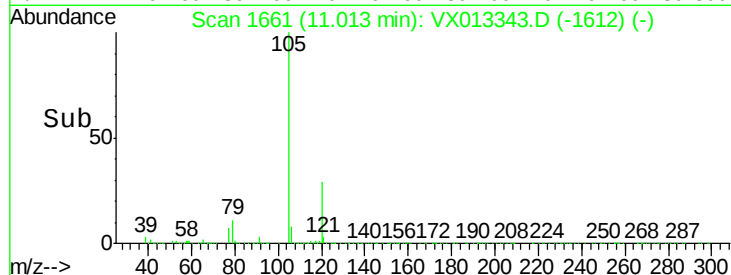
11.01

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 51.677 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013343.D

Acq: 07 Nov 2019 10:29

Tgt Ion: 43 Resp: 828038

Ion Ratio Lower Upper

43 100

70 43.1

34.1

51.1

55 23.7

18.9

28.3

61 24.9

19.2

28.8

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

1000000

800000

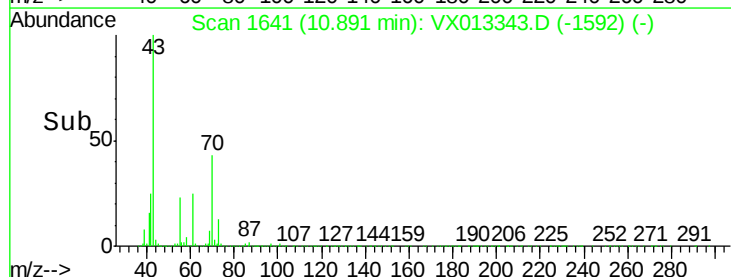
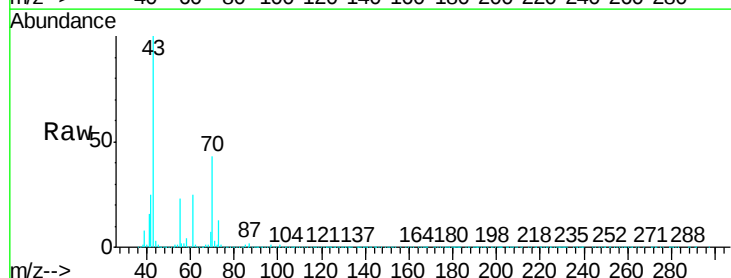
600000

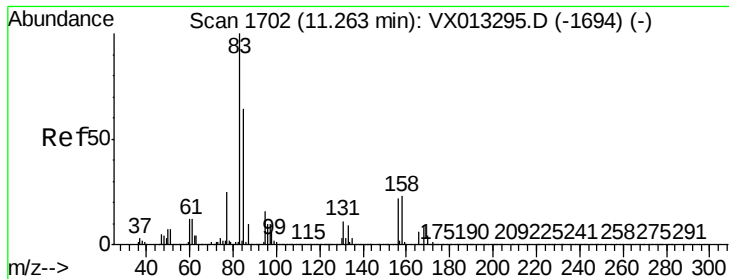
400000

200000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 48.800 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013343.D

Acq: 07 Nov 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 615157
Ion Ratio Lower Upper

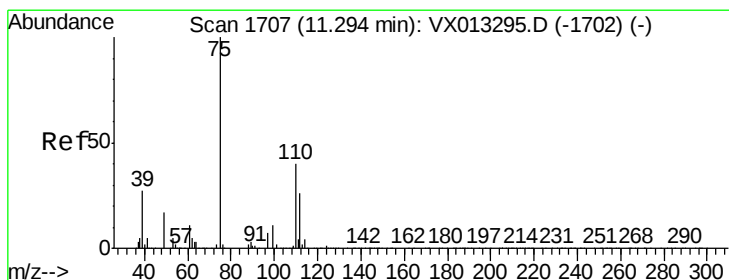
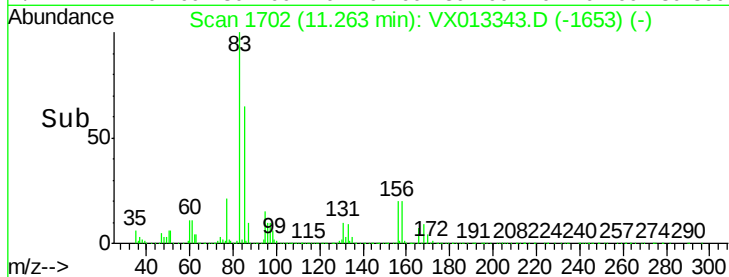
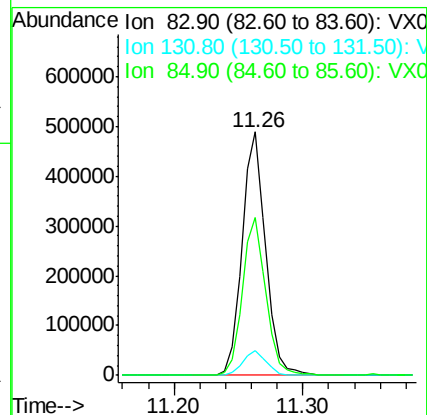
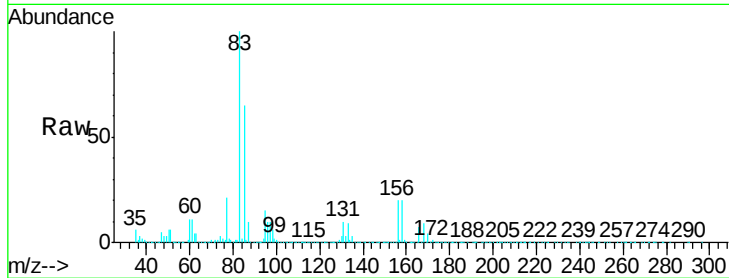
83 100

131 10.1 5.1 15.3

85 65.0 32.3 96.8

Manual Integrations
APPROVED

MMDadoda
11/8/2019 9:33:04 AM



#76

1,2,3-Trichloropropane

Concen: 46.453 ug/l m

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

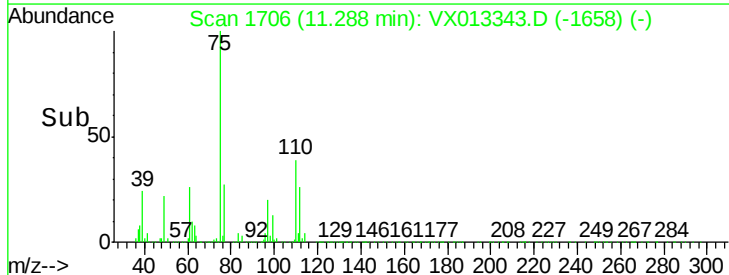
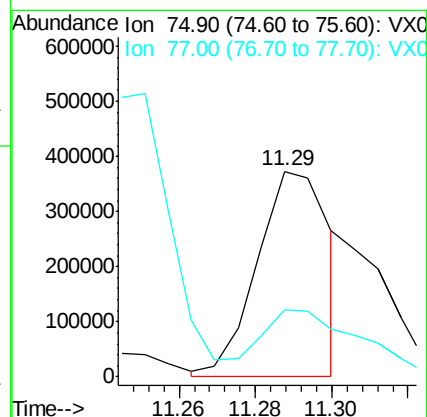
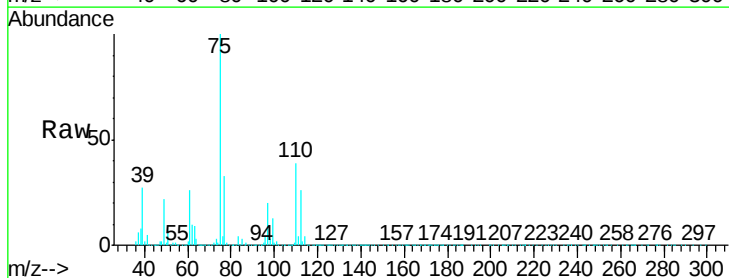
Lab File: VX013343.D

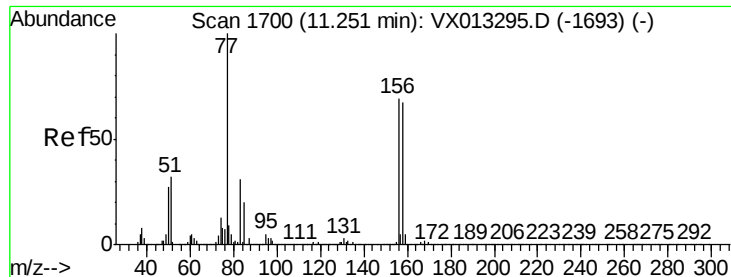
Acq: 07 Nov 2019 10:29

Tgt Ion: 75 Resp: 491727
Ion Ratio Lower Upper

75 100

77 46.1 22.3 66.8





#77

Bromobenzene

Concen: 49.899 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013343.D

Acq: 07 Nov 2019 10:29

Instrument :

MSVOA_X

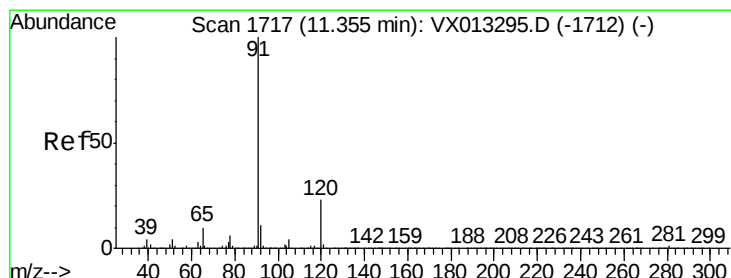
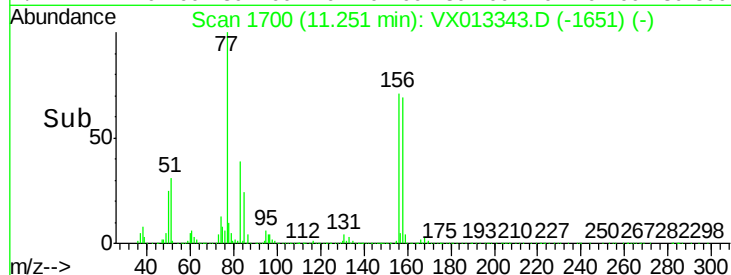
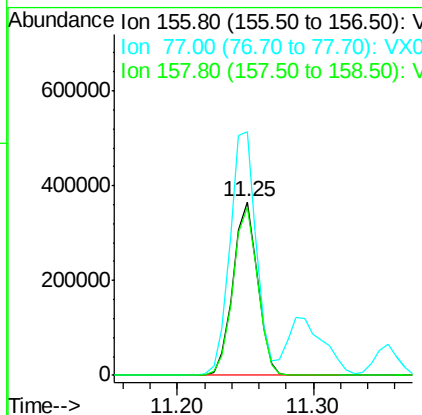
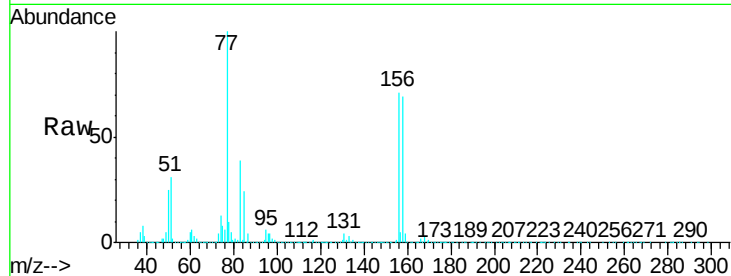
ClientSampleId :

VSTDCCC050

Tgt Ion:	156	Resp:	459650
Ion Ratio	Lower	Upper	
156	100		
77	148.5	75.8	227.4
158	97.4	47.6	142.8

Manual Integrations
APPROVED

MMDadoda
11/8/2019 9:33:04 AM



#78

n-propylbenzene

Concen: 52.007 ug/l

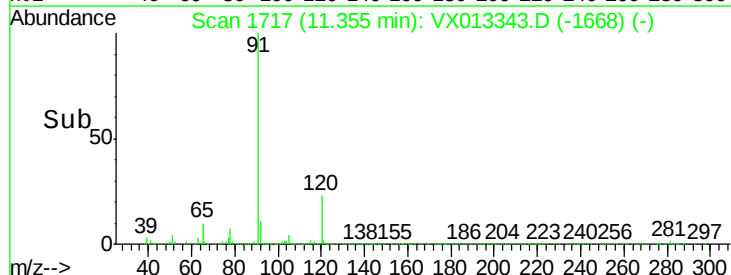
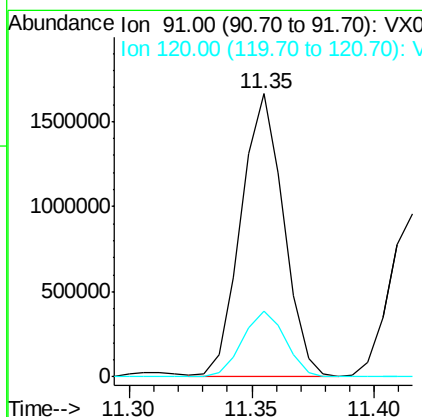
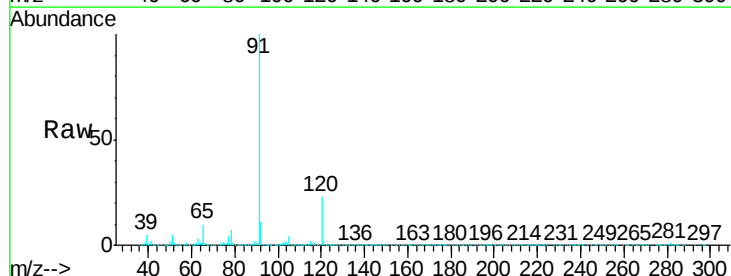
RT: 11.35 min Scan# 1717

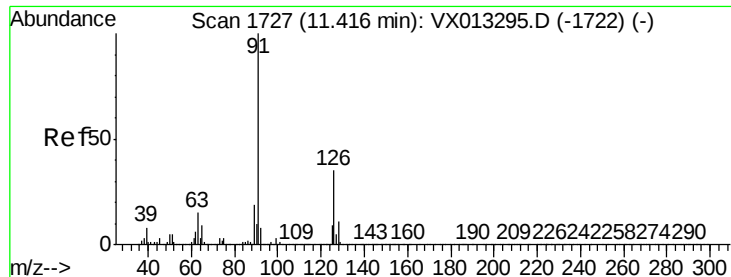
Delta R.T. -0.00 min

Lab File: VX013343.D

Acq: 07 Nov 2019 10:29

Tgt Ion:	91	Resp:	2001812
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.6	34.8





#79

2-Chlorotoluene

Concen: 50.327 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013343.D

Acq: 07 Nov 2019 10:29

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1167114

Ion Ratio Lower Upper

91 100

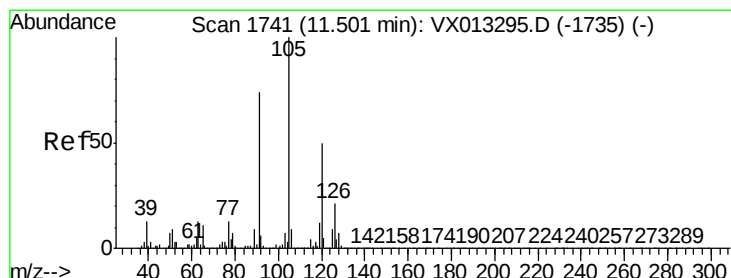
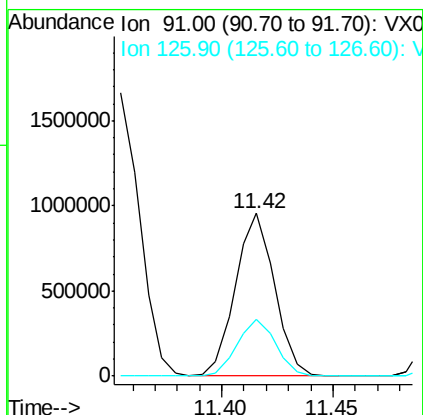
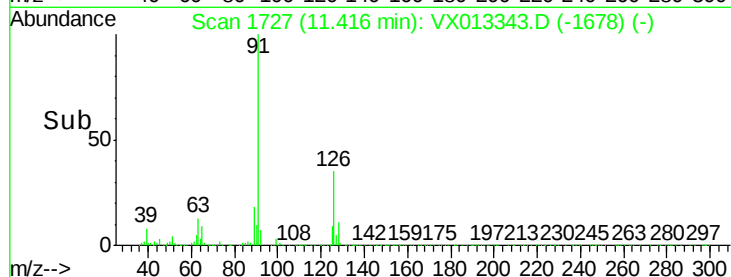
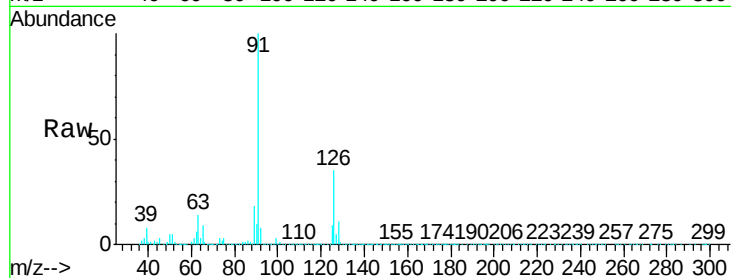
126 35.0 17.3 52.0

Manual Integrations

APPROVED

MMDadoda

11/8/2019 9:33:04 AM



#80

1,3,5-Trimethylbenzene

Concen: 51.517 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013343.D

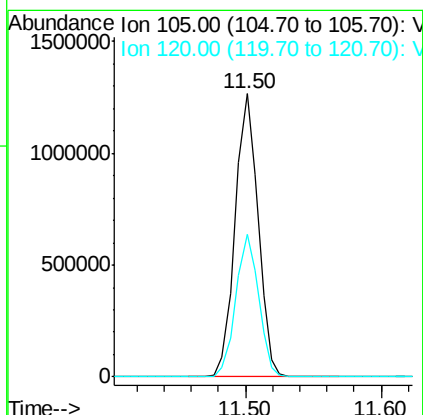
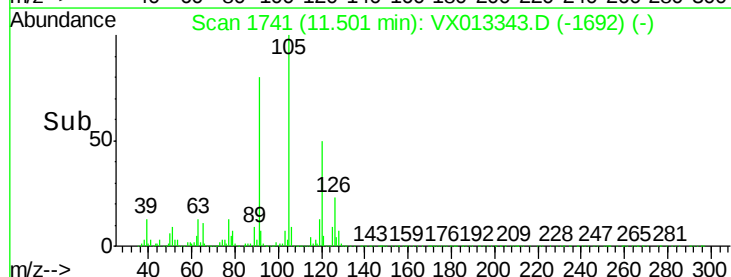
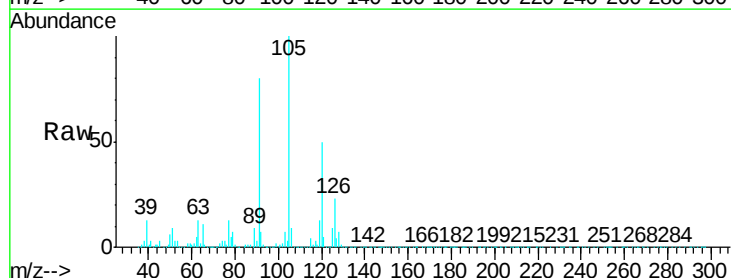
Acq: 07 Nov 2019 10:29

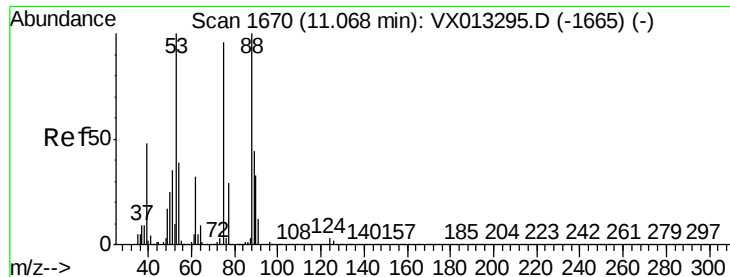
Tgt Ion: 105 Resp: 1482752

Ion Ratio Lower Upper

105 100

120 50.1 24.9 74.8





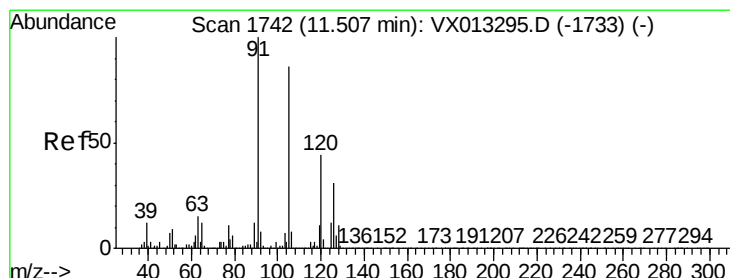
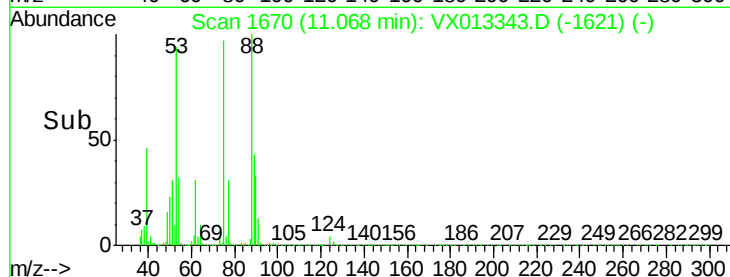
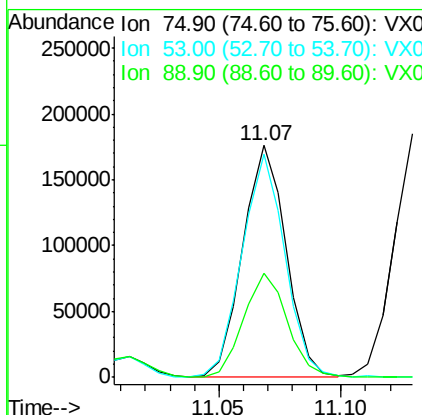
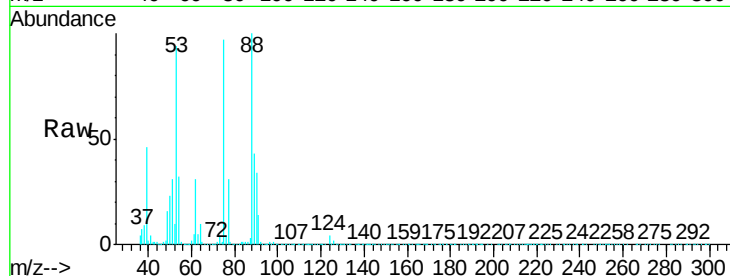
#81
trans-1,4-Dichloro-2-butene
Concen: 52.341 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp Lower	Resp Upper
75	100		
53	96.9	81.0	121.6
89	46.2	36.0	54.0

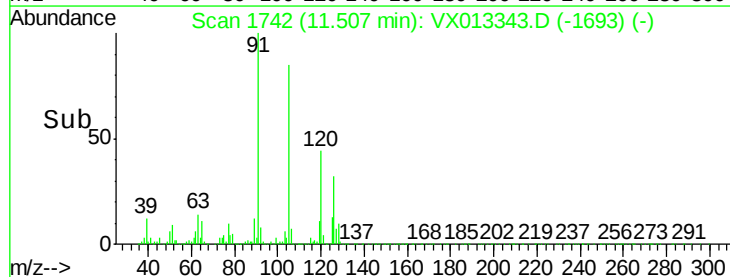
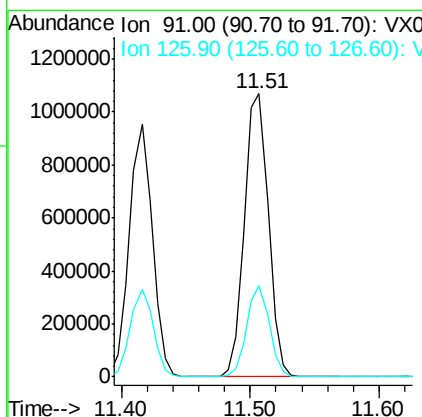
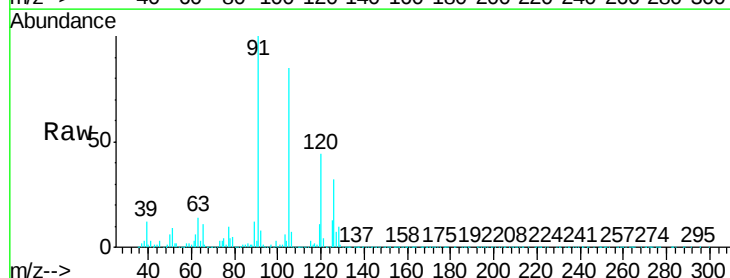
Manual Integrations
APPROVED

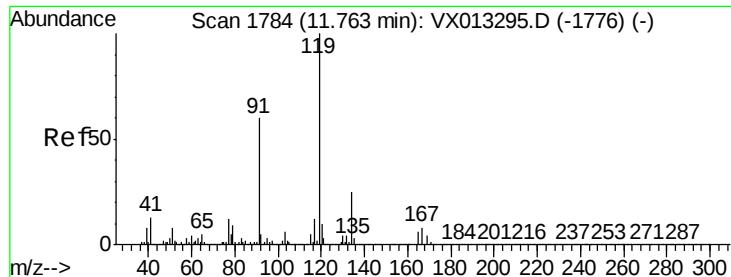
MMDadoda
11/8/2019 9:33:04 AM



#82
4-Chlorotoluene
Concen: 50.418 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.2	15.3	45.8





#83

tert-Butylbenzene

Concen: 51.629 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX013343.D

Acq: 07 Nov 2019 10:29

Instrument :

MSVOA_X

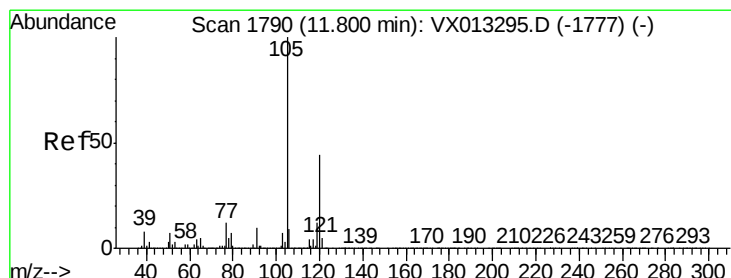
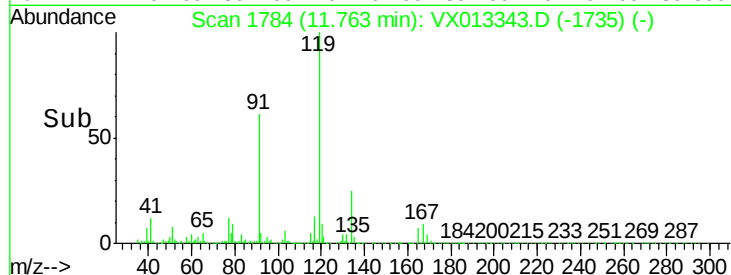
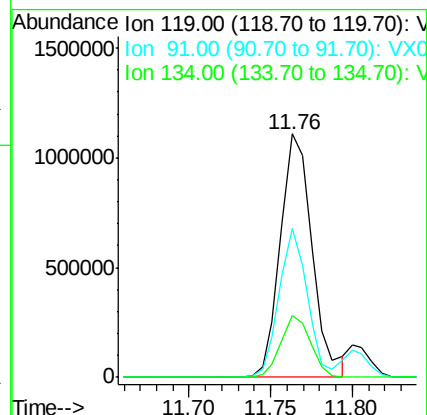
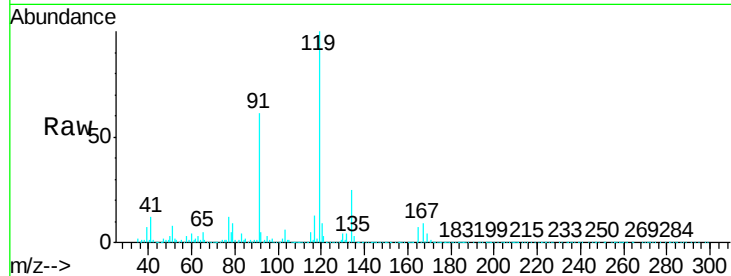
ClientSampleId :

VSTDCCC050

Tgt Ion:	119	Resp:	1495840
Ion Ratio	Lower	Upper	
119	100		
91	54.1	26.9	80.7
134	23.7	11.7	35.1

Manual Integrations
APPROVED

MMDadoda
11/8/2019 9:33:04 AM



#84

1,2,4-Trimethylbenzene

Concen: 51.206 ug/l

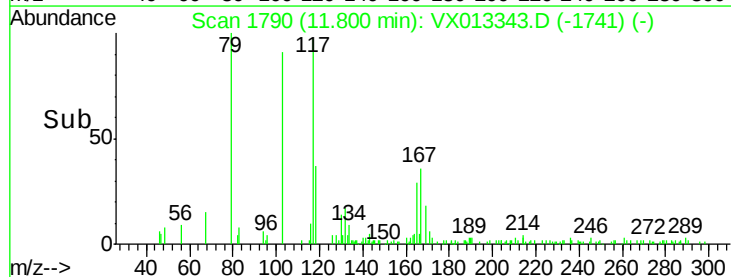
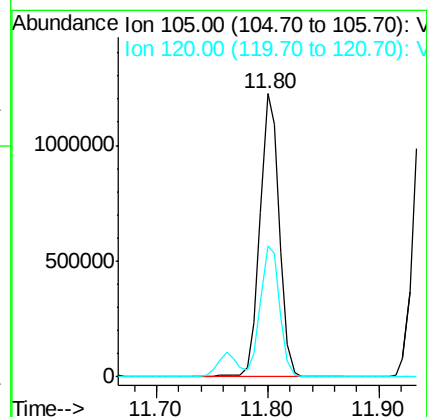
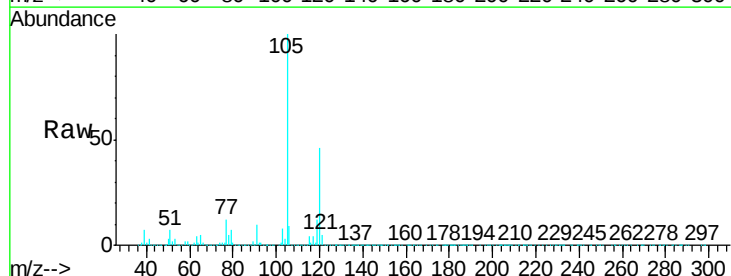
RT: 11.80 min Scan# 1790

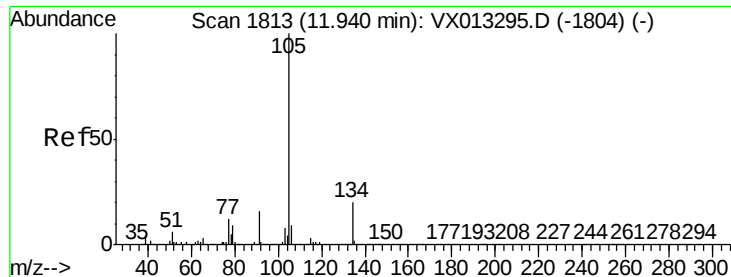
Delta R.T. -0.00 min

Lab File: VX013343.D

Acq: 07 Nov 2019 10:29

Tgt Ion:	105	Resp:	1478437
Ion Ratio	Lower	Upper	
105	100		
120	46.1	22.7	68.1





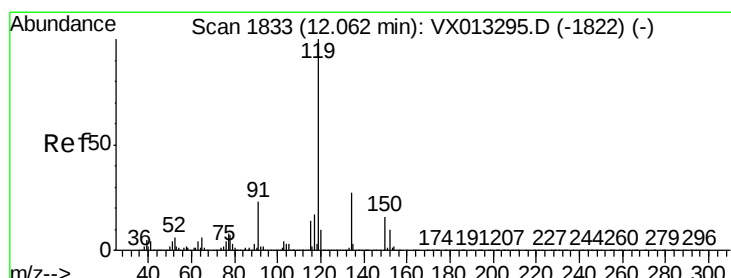
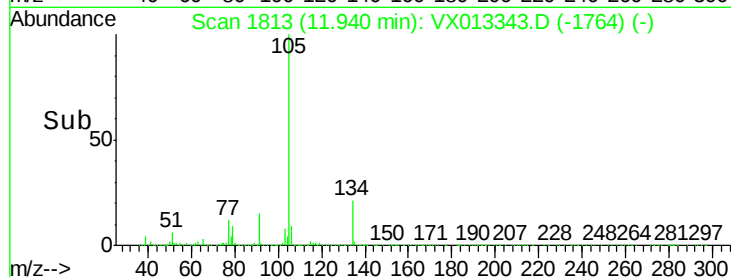
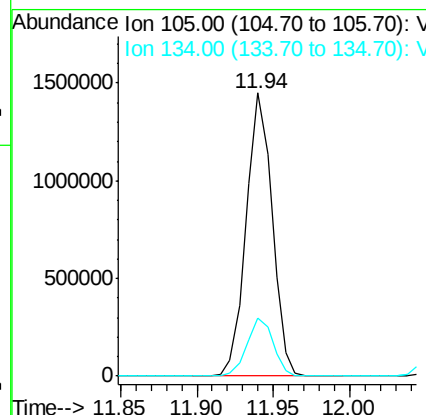
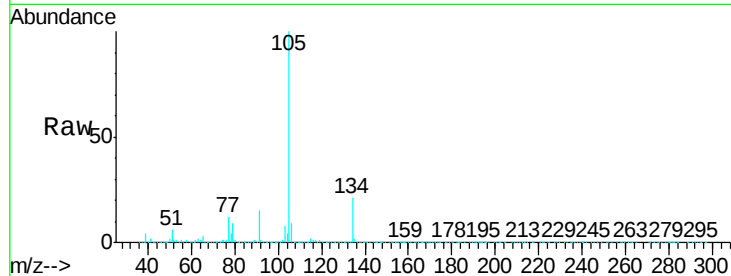
#85
 sec-Butylbenzene
 Concen: 51.398 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013343.D
 Acq: 07 Nov 2019 10:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 1711448
 Ion Ratio Lower Upper
 105 100
 134 20.8 10.3 30.9

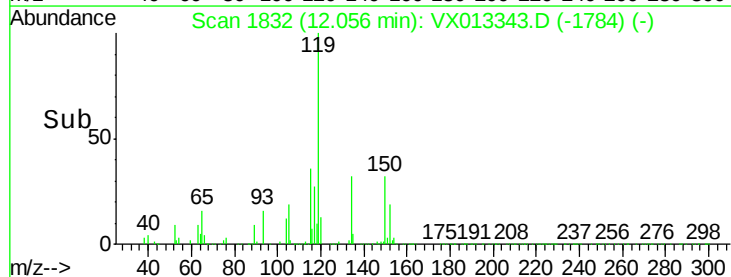
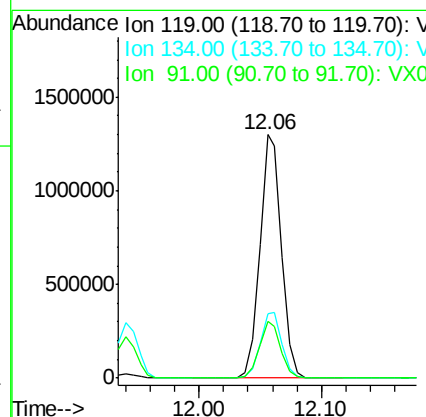
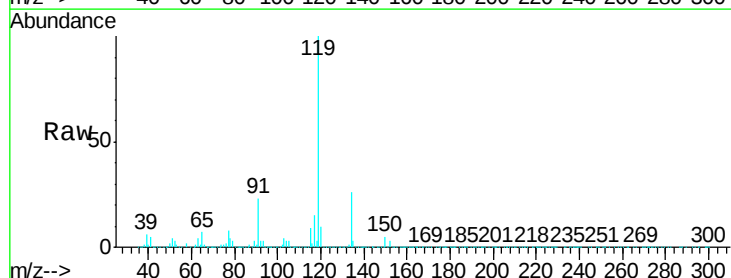
Manual Integrations
 APPROVED

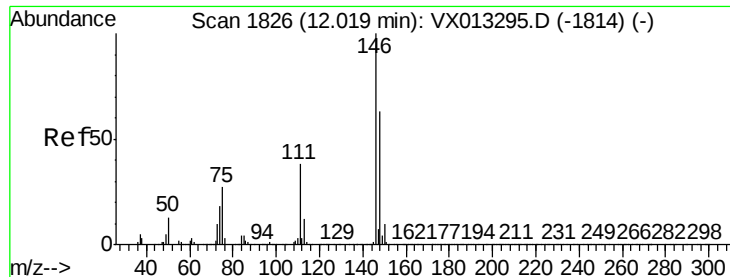
MMDadoda
 11/8/2019 9:33:04 AM



#86
 p-Isopropyltoluene
 Concen: 51.982 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX013343.D
 Acq: 07 Nov 2019 10:29

Tgt Ion:119 Resp: 1593877
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.3 39.8
 91 22.9 11.5 34.4





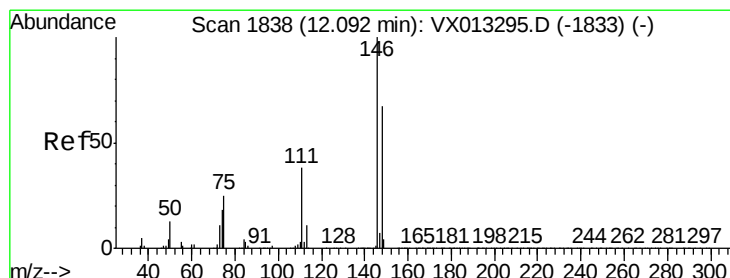
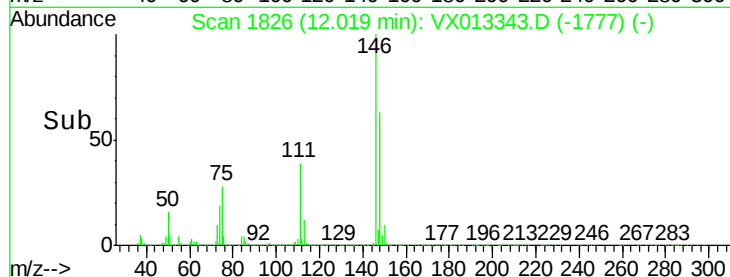
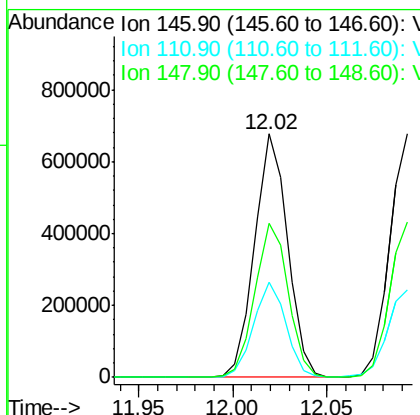
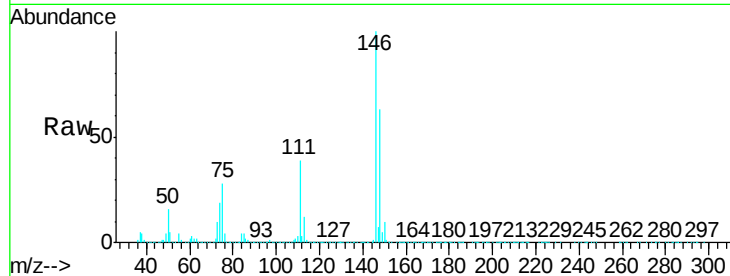
#87
 1,3-Dichlorobenzene
 Concen: 50.086 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013343.D
 Acq: 07 Nov 2019 10:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	822398		
111	38.4	18.9	56.5	
148	63.9	31.9	95.7	

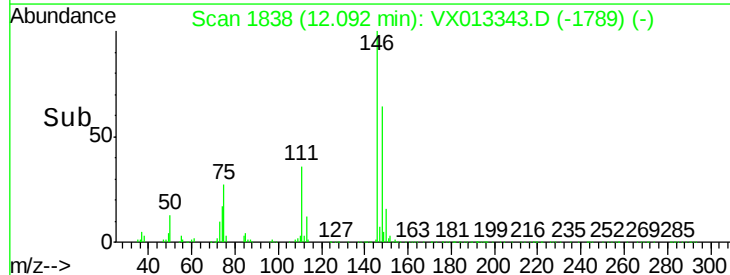
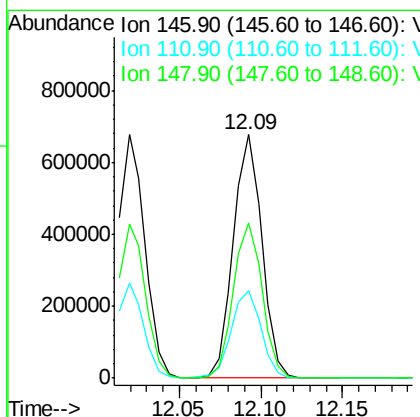
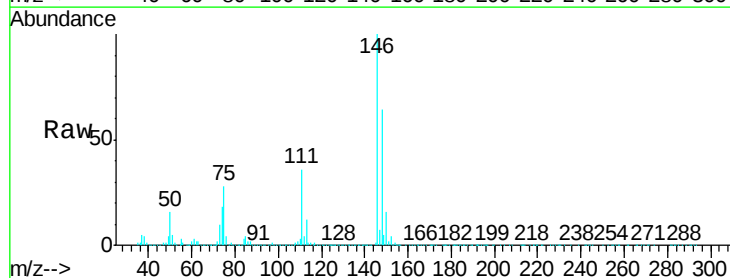
Manual Integrations
 APPROVED

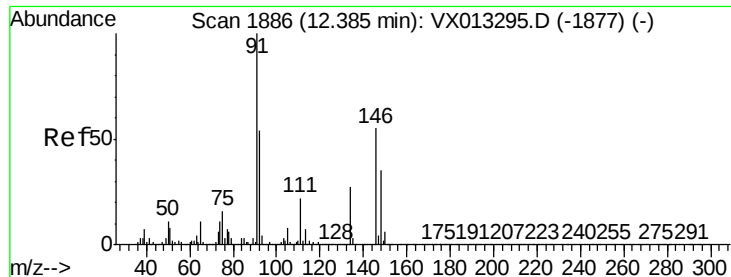
MMDadoda
 11/8/2019 9:33:04 AM



#88
 1,4-Dichlorobenzene
 Concen: 49.317 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013343.D
 Acq: 07 Nov 2019 10:29

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	825049		
111	37.3	18.8	56.4	
148	64.2	32.4	97.0	





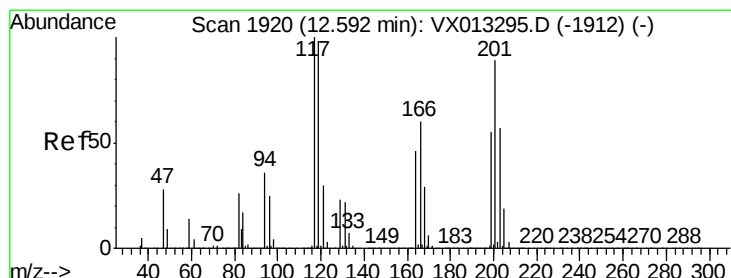
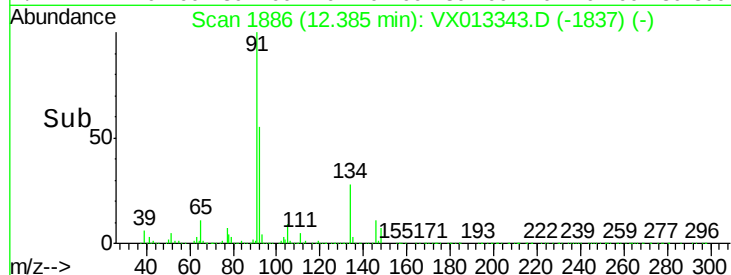
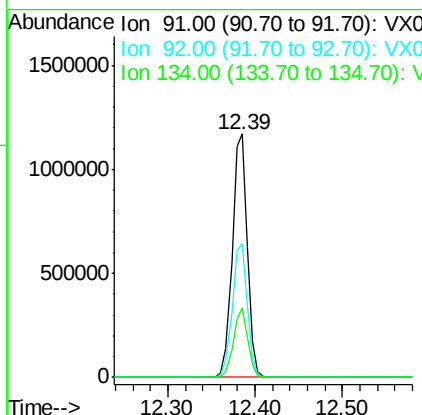
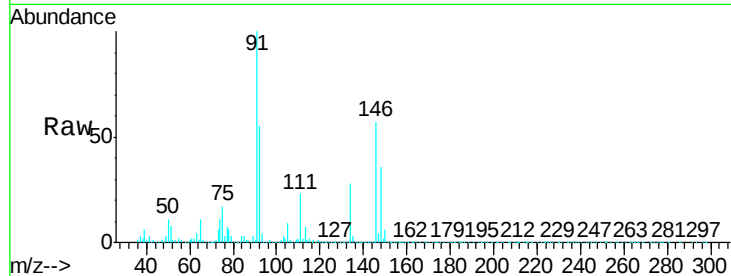
#89
n-Butylbenzene
Concen: 52.493 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 1404422
Ion Ratio Lower Upper
91 100
92 54.9 27.3 81.8
134 27.2 13.5 40.5

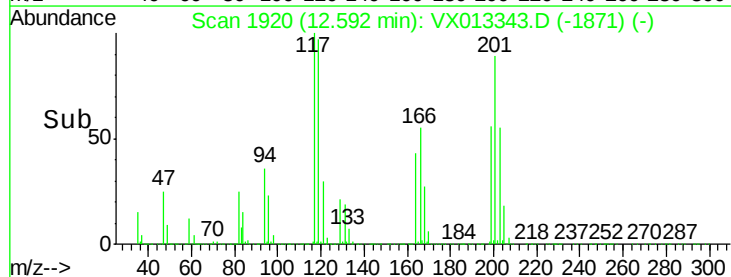
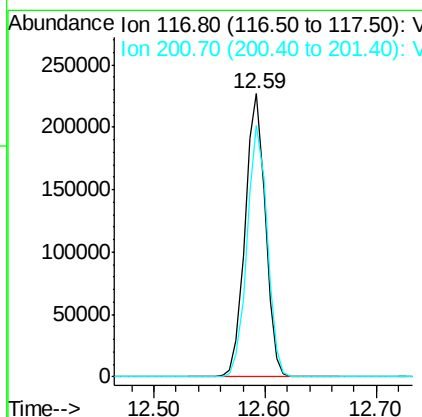
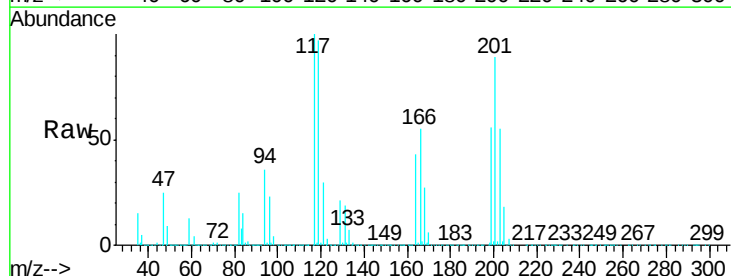
Manual Integrations
APPROVED

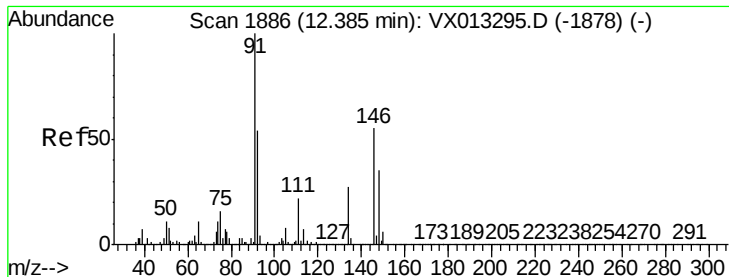
MMDadoda
11/8/2019 9:33:04 AM



#90
Hexachloroethane
Concen: 52.037 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013343.D
Acq: 07 Nov 2019 10:29

Tgt Ion: 117 Resp: 284283
Ion Ratio Lower Upper
117 100
201 89.1 43.9 131.7





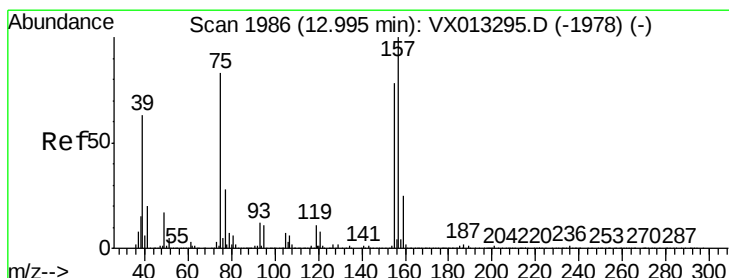
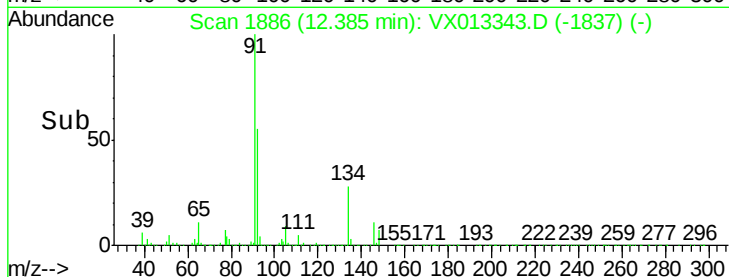
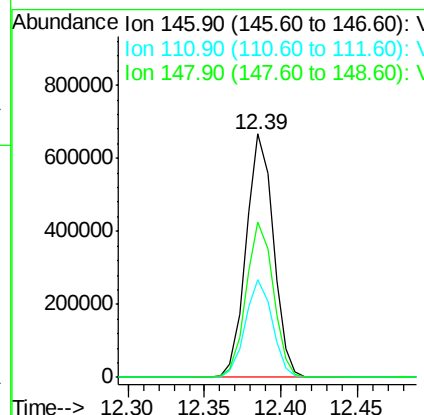
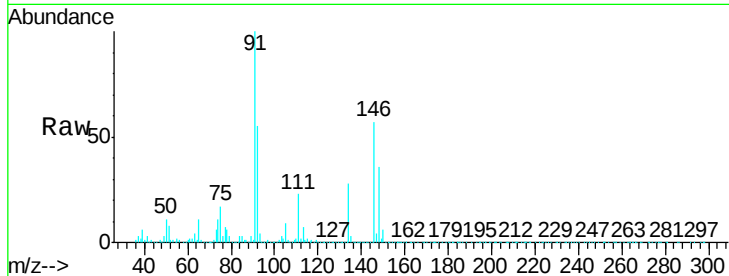
#91
 1,2-Dichlorobenzene
 Concen: 50.292 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013343.D
 Acq: 07 Nov 2019 10:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	825448		
111	39.6	20.1	60.2	
148	63.7	32.0	96.0	

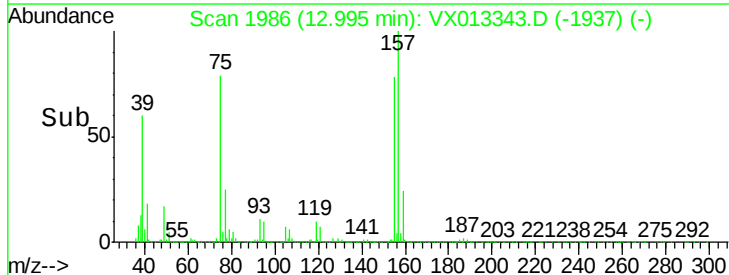
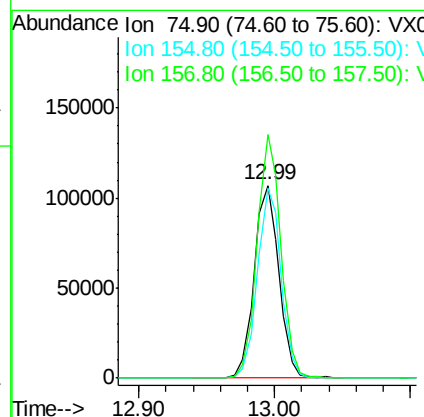
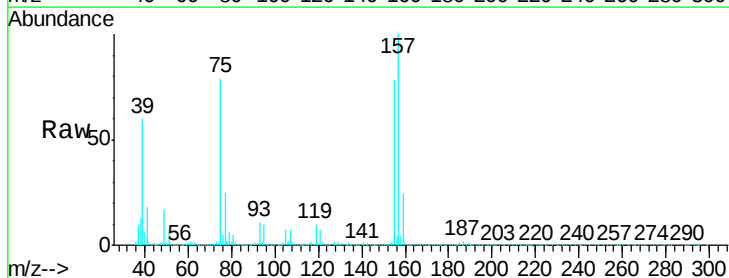
Manual Integrations
 APPROVED

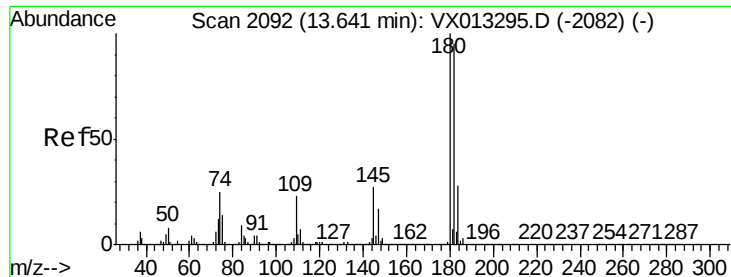
MMDadoda
 11/8/2019 9:33:04 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.037 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013343.D
 Acq: 07 Nov 2019 10:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	135245		
155	96.1	47.1	141.4	
157	122.6	61.3	183.8	





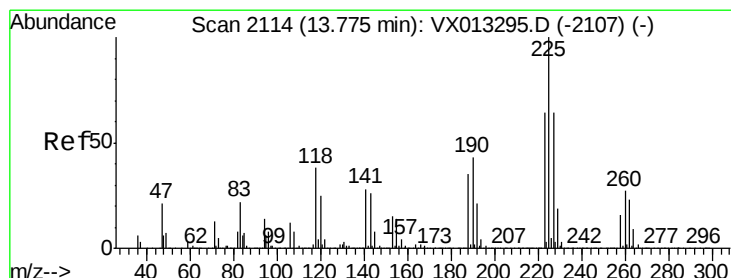
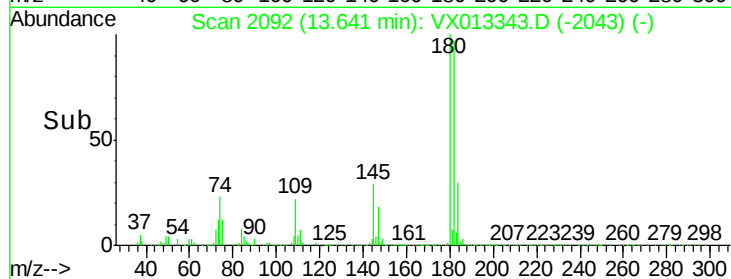
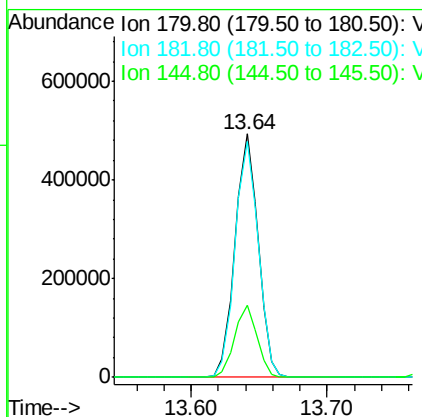
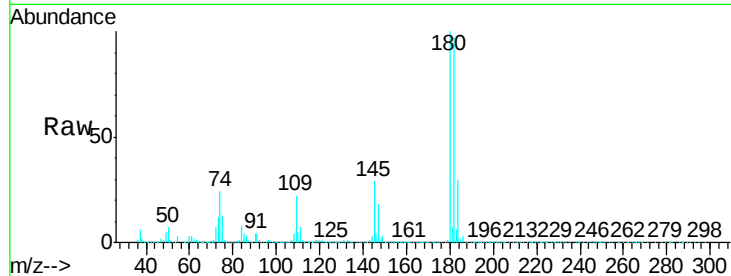
#93
 1,2,4-Trichlorobenzene
 Concen: 50.896 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013343.D
 Acq: 07 Nov 2019 10:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	98.0	48.4	145.0
145	29.0	14.1	42.4

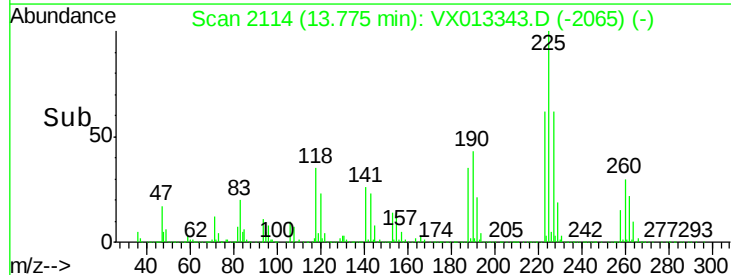
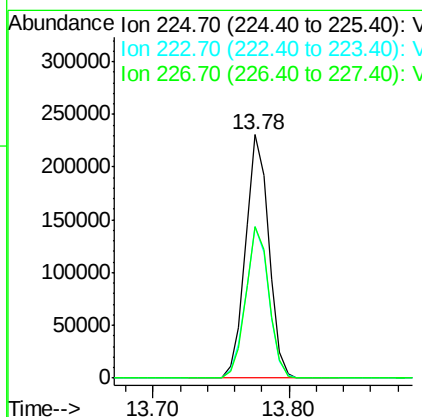
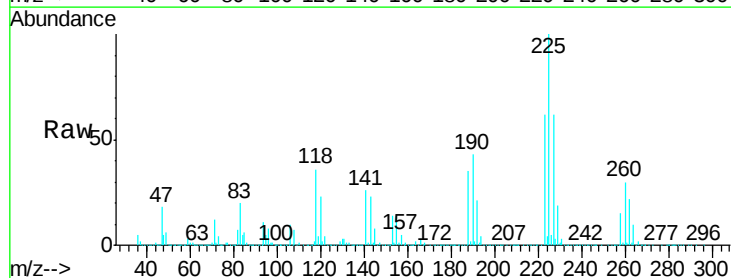
Manual Integrations
 APPROVED

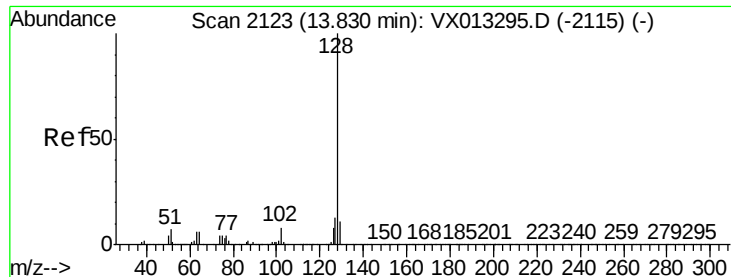
MMDadoda
 11/8/2019 9:33:04 AM



#94
 Hexachlorobutadiene
 Concen: 49.163 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013343.D
 Acq: 07 Nov 2019 10:29

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	61.8	31.9	95.7
227	61.7	31.9	95.9





#95

Naphthalene

Concen: 51.354 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013343.D

Acq: 07 Nov 2019 10:29

Instrument :

MSVOA_X

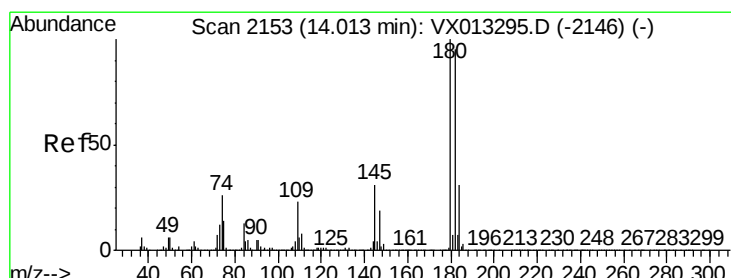
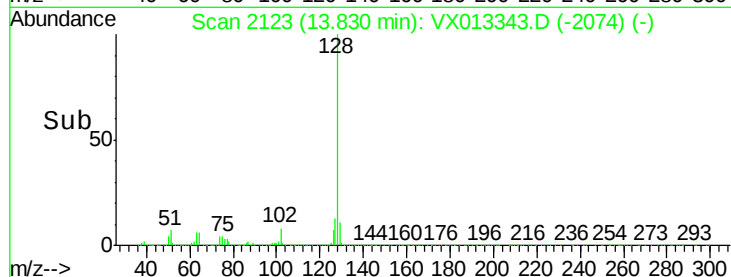
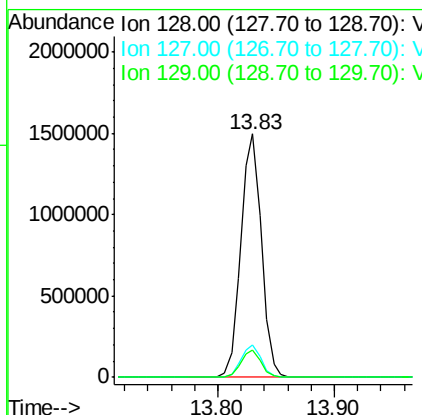
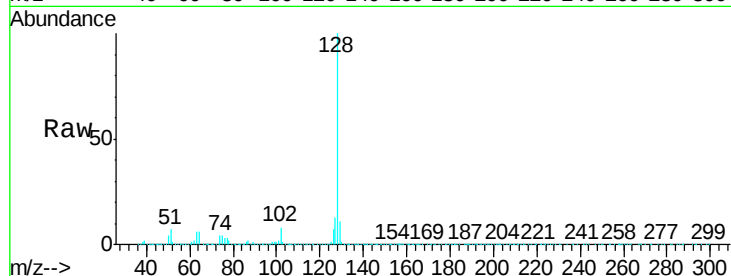
ClientSampleId :

VSTDCCC050

Tgt Ion:	128	Resp:	1844695
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.9	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
11/8/2019 9:33:04 AM



#96

1,2,3-Trichlorobenzene

Concen: 51.359 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX013343.D

Acq: 07 Nov 2019 10:29

Tgt Ion:	180	Resp:	589701
Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.0	144.2
145	30.2	15.4	46.4

