

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102919\
 Data File : VX013263.D
 Acq On : 29 Oct 2019 12:09
 Operator : JC/SP
 Sample : VX1029WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/30/2019 10:49:10 AM

Quant Time: Oct 30 01:56:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	75896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	104954	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	107177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	74419	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	81316	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
35) Dibromofluoromethane	5.48	113	61696	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
50) Toluene-d8	8.71	98	226085	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
62) 4-Bromofluorobenzene	11.13	95	91883	53.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.04%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	28236	18.438	ug/l	99
3) Chloromethane	1.32	50	21417	17.627	ug/l	98
4) Vinyl Chloride	1.40	62	23559	17.094	ug/l	96
5) Bromomethane	1.63	94	14595	19.980	ug/l	97
6) Chloroethane	1.72	64	15001	17.803	ug/l	95
7) Trichlorofluoromethane	1.92	101	44170	20.487	ug/l	95
8) Diethyl Ether	2.18	74	13752	18.437	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	25910	19.237	ug/l	98
10) Methyl Iodide	2.50	142	25202	17.341	ug/l	99
11) Tert butyl alcohol	3.03	59	33855	97.662	ug/l	100
12) 1,1-Dichloroethene	2.36	96	23249	17.982	ug/l	97
13) Acrolein	2.28	56	14209	76.292	ug/l	96
14) Allyl chloride	2.72	41	34259	16.831	ug/l	94
15) Acrylonitrile	3.13	53	61763	88.272	ug/l	98
16) Acetone	2.43	43	70775	94.637	ug/l	99
17) Carbon Disulfide	2.56	76	56263	16.187	ug/l	99
18) Methyl Acetate	2.76	43	30909	19.530	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	87300	19.175	ug/l	97
20) Methylene Chloride	2.84	84	27026	19.502	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	25401	19.179	ug/l	94
22) Diisopropyl ether	3.84	45	73329	18.425	ug/l	98
23) Vinyl Acetate	3.80	43	311257	92.015	ug/l	100
24) 1,1-Dichloroethane	3.69	63	45255	18.487	ug/l	99
25) 2-Butanone	4.65	43	89237	88.974	ug/l	97
26) 2,2-Dichloropropane	4.57	77	43244	19.114	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	29637	18.717	ug/l	99
28) Bromochloromethane	5.00	49	12727	20.163	ug/l	97
29) Tetrahydrofuran	5.11	42	51774	85.641	ug/l	98
30) Chloroform	5.20	83	51251	19.664	ug/l	97
31) Cyclohexane	5.56	56	38314	18.663	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	46354	20.003	ug/l	98
36) 1,1-Dichloropropene	5.79	75	36245	20.585	ug/l	99
37) Ethyl Acetate	4.82	43	32000	18.296	ug/l	99
38) Carbon Tetrachloride	5.76	117	40053	20.646	ug/l	95

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102919\
 Data File : VX013263.D
 Acq On : 29 Oct 2019 12:09
 Operator : JC/SP
 Sample : VX1029WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1029WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/30/2019 10:49:10 AM

Quant Time: Oct 30 01:56:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	42940	19.111	ug/l	95
40) Benzene	6.13	78	101652	19.283	ug/l	98
41) Methacrylonitrile	5.03	41	18457	19.684	ug/l	98
42) 1,2-Dichloroethane	6.18	62	41618	20.939	ug/l	100
43) Isopropyl Acetate	6.43	43	55842	19.230	ug/l	98
44) Trichloroethene	7.20	130	29755	19.887	ug/l	99
45) 1,2-Dichloropropane	7.50	63	24727	18.727	ug/l	99
46) Dibromomethane	7.65	93	18821	19.785	ug/l	99
47) Bromodichloromethane	7.89	83	37756	20.366	ug/l	97
48) Methyl methacrylate	7.76	41	26939	18.770	ug/l	99
49) 1,4-Dioxane	7.73	88	14279	390.900	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	167341	94.544	ug/l	99
52) Toluene	8.78	92	66189	18.945	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	40206	20.409	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	43413	20.144	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	27919	20.213	ug/l	97
56) Ethyl methacrylate	9.17	69	41579	20.001	ug/l	98
57) 1,3-Dichloropropane	9.37	76	46062	19.764	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	83628	103.095	ug/l	99
59) 2-Hexanone	9.48	43	131006	96.087	ug/l	98
60) Dibromochloromethane	9.57	129	29336	20.269	ug/l	98
61) 1,2-Dibromoethane	9.67	107	29421	20.064	ug/l	99
64) Tetrachloroethene	9.33	164	29984	21.578	ug/l	99
65) Chlorobenzene	10.14	112	73430	19.572	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	28543	20.594	ug/l	99
67) Ethyl Benzene	10.24	91	132662	19.751	ug/l	99
68) m/p-Xylenes	10.35	106	99452	39.180	ug/l	98
69) o-Xylene	10.70	106	47378	19.457	ug/l	99
70) Styrene	10.71	104	82988	19.793	ug/l	99
71) Bromoform	10.85	173	20928	20.666	ug/l #	99
73) Isopropylbenzene	11.01	105	134231	19.863	ug/l	99
74) N-amyl acetate	10.89	43	45964	18.531	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	40145	19.564	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	33366m	18.603	ug/l	
77) Bromobenzene	11.25	156	31038	19.163	ug/l	98
78) n-propylbenzene	11.35	91	142238	19.376	ug/l	100
79) 2-Chlorotoluene	11.42	91	87328	18.828	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	111228	19.802	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	12233	18.742	ug/l	95
82) 4-Chlorotoluene	11.51	91	104664	19.916	ug/l	98
83) tert-Butylbenzene	11.76	119	111421	20.049	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	111383	19.659	ug/l	99
85) sec-Butylbenzene	11.94	105	127397	20.144	ug/l	99
86) p-Isopropyltoluene	12.06	119	114423	19.258	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	58397	19.957	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	58113	19.506	ug/l	98
89) n-Butylbenzene	12.38	91	94609	19.465	ug/l	99
90) Hexachloroethane	12.59	117	19456	19.554	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	54419	18.913	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	9258	18.143	ug/l	99

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_X\DATA\VX102919\
Data File : VX013263.D
Acq On : 29 Oct 2019 12:09
Operator : JC/SP
Sample : VX1029WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBS01

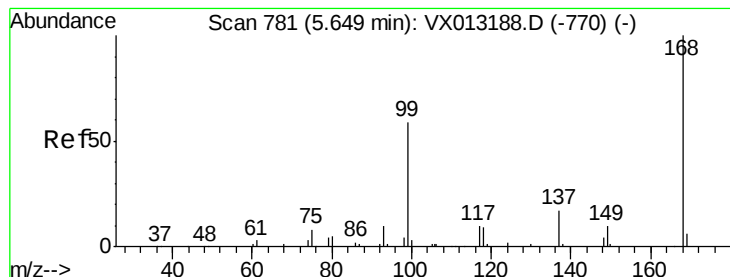
Manual Integrations
APPROVED

MMDadoda
10/30/2019 10:49:10 AM

Quant Time: Oct 30 01:56:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 24 03:56:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	35405	19.541	ug/l	100
94) Hexachlorobutadiene	13.77	225	18739	19.994	ug/l	97
95) Naphthalene	13.83	128	103554	18.622	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	35913	20.059	ug/l	95

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



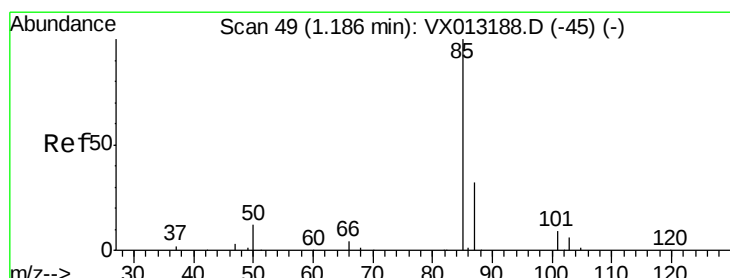
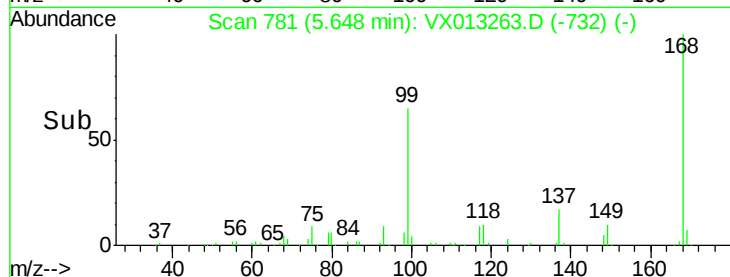
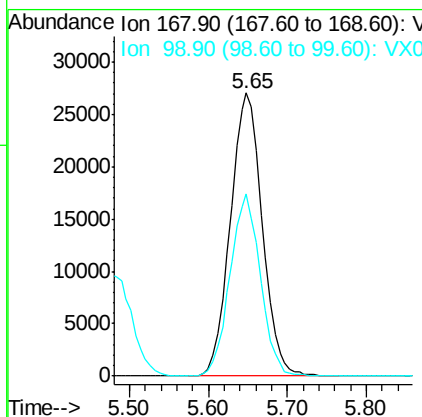
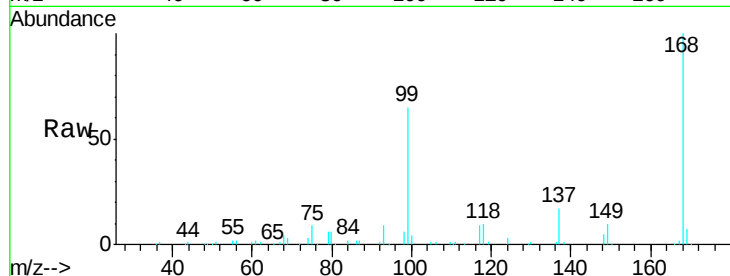
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBS01

Tgt Ion	Ratio	Lower	Upper
168	100		
99	64.6	47.0	70.4

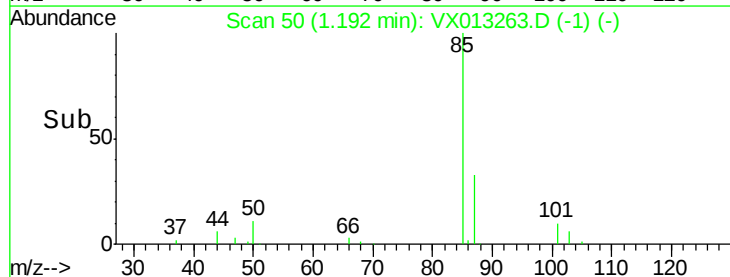
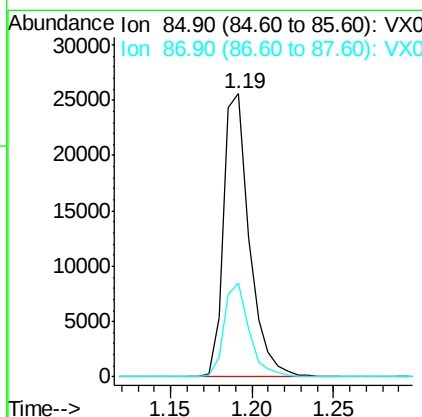
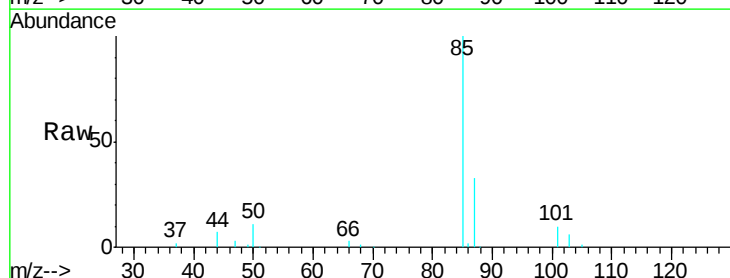
Manual Integrations
APPROVED

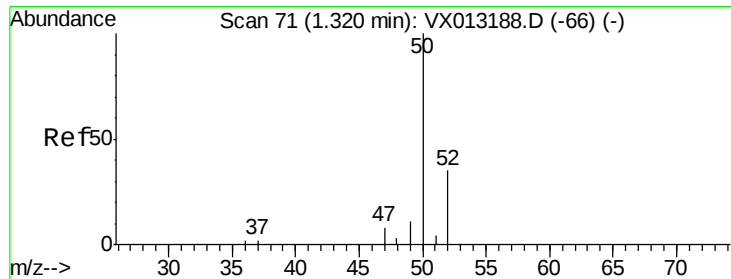
MMDadoda
10/30/2019 10:49:10 AM



#2
Dichlorodifluoromethane
Concen: 18.438 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.01 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.2	16.2	48.6





#3

Chloromethane

Concen: 17.627 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX013263.D

Acq: 29 Oct 2019 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX1029WBS01

Tgt Ion: 50 Resp: 21417

Ion Ratio Lower Upper

50 100

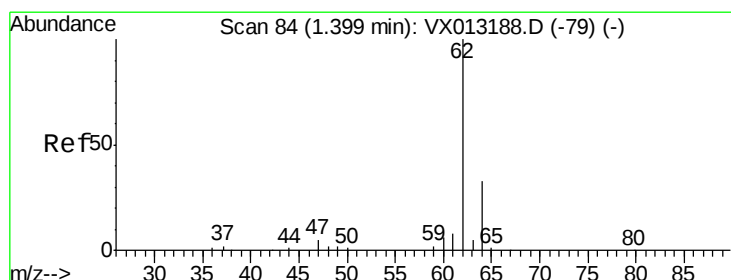
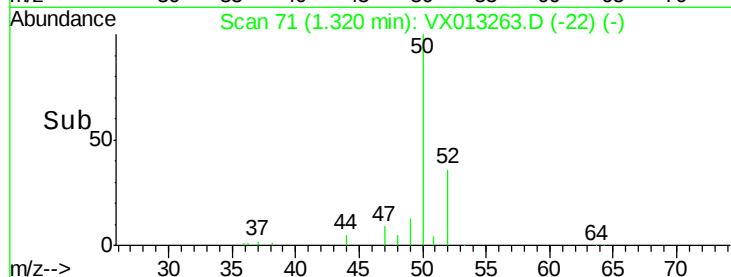
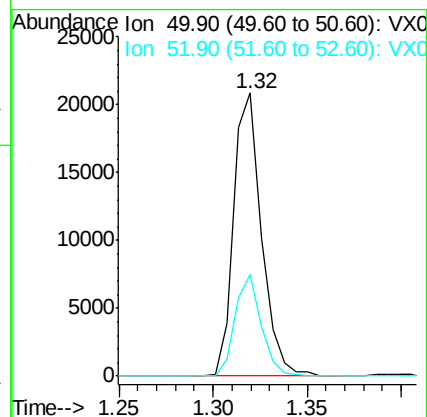
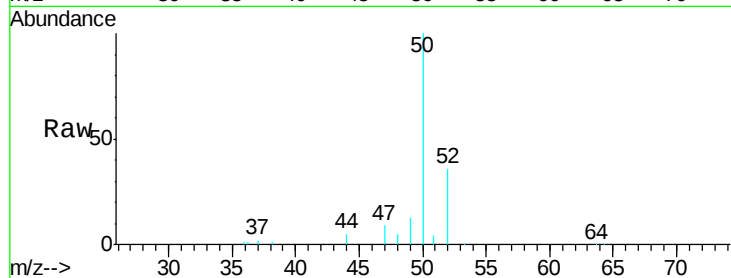
52 36.1 27.8 41.6

Manual Integrations

APPROVED

MMDadoda

10/30/2019 10:49:10 AM



#4

Vinyl Chloride

Concen: 17.094 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013263.D

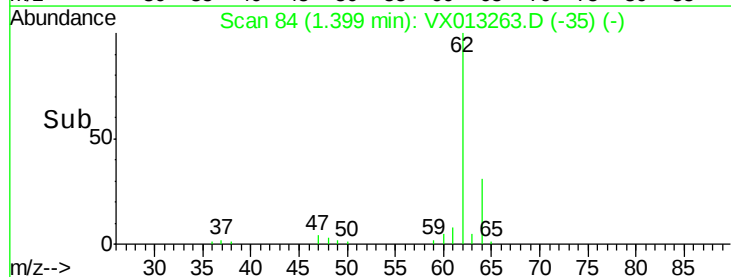
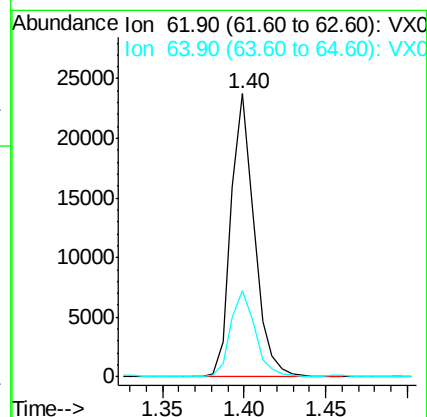
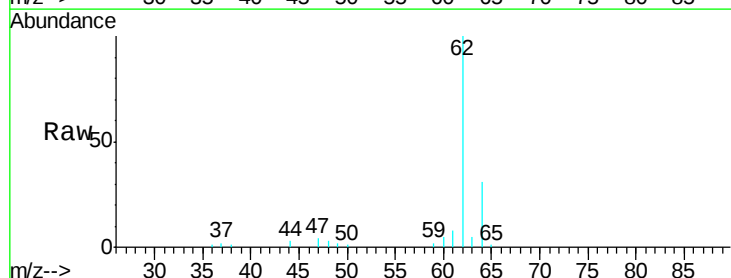
Acq: 29 Oct 2019 12:09

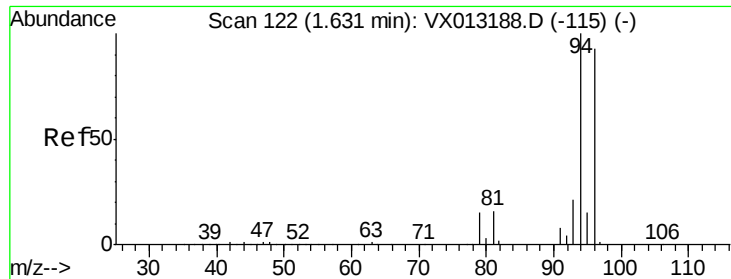
Tgt Ion: 62 Resp: 23559

Ion Ratio Lower Upper

62 100

64 30.6 26.4 39.6





#5

Bromomethane

Concen: 19.980 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013263.D

Acq: 29 Oct 2019 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX1029WBS01

Tgt Ion: 94 Resp: 14595

Ion Ratio Lower Upper

94 100

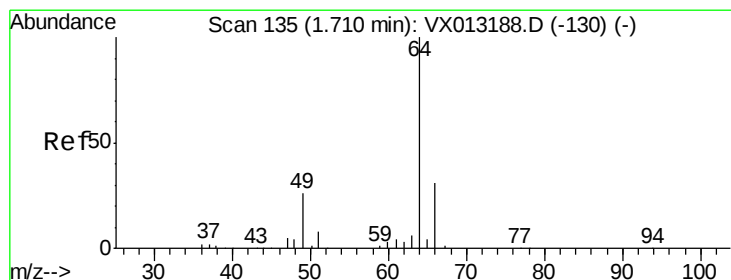
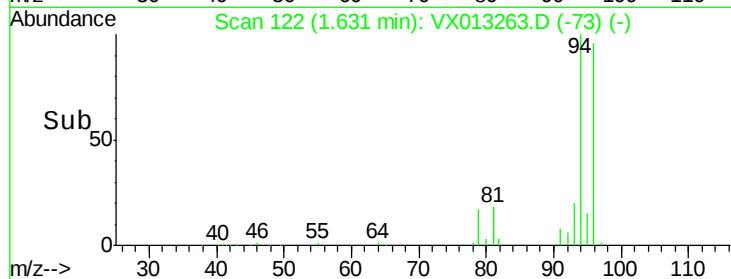
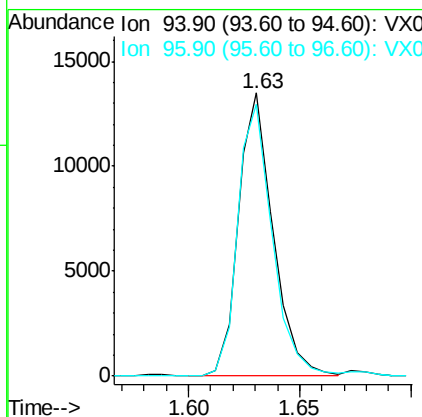
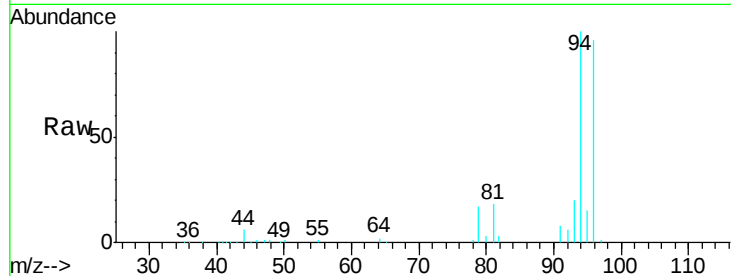
96 95.9 74.2 111.2

Manual Integrations

APPROVED

MMDadoda

10/30/2019 10:49:10 AM



#6

Chloroethane

Concen: 17.803 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX013263.D

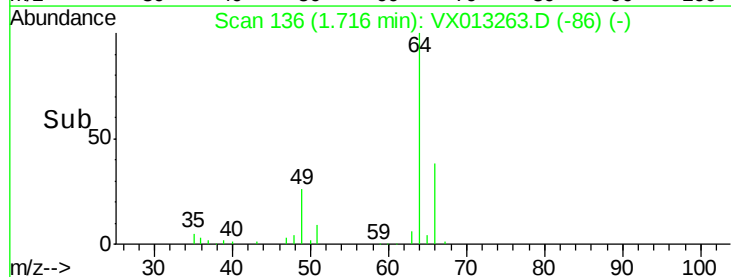
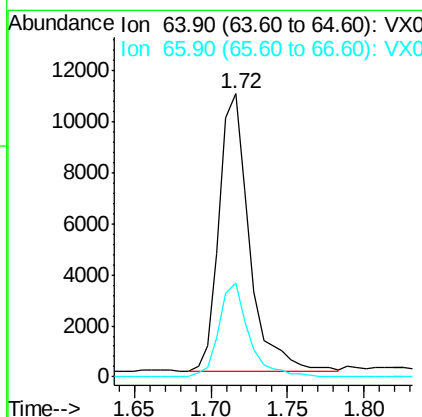
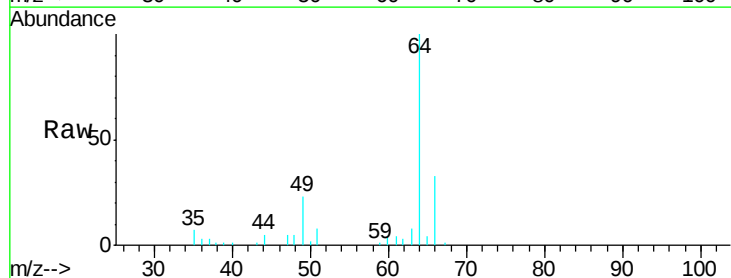
Acq: 29 Oct 2019 12:09

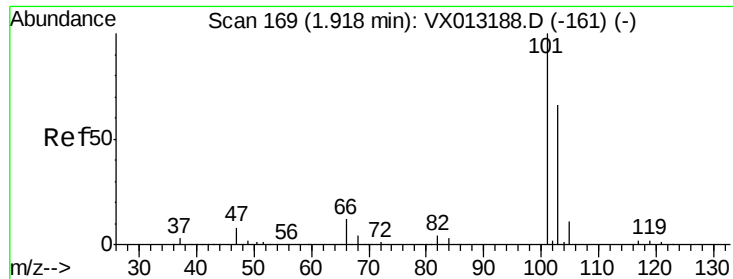
Tgt Ion: 64 Resp: 15001

Ion Ratio Lower Upper

64 100

66 33.9 25.0 37.6





#7

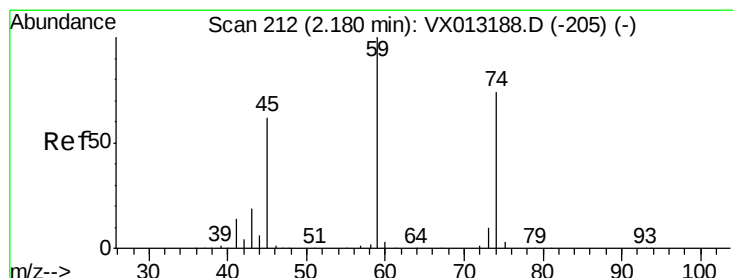
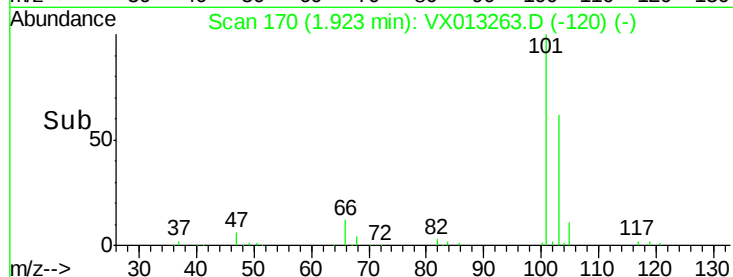
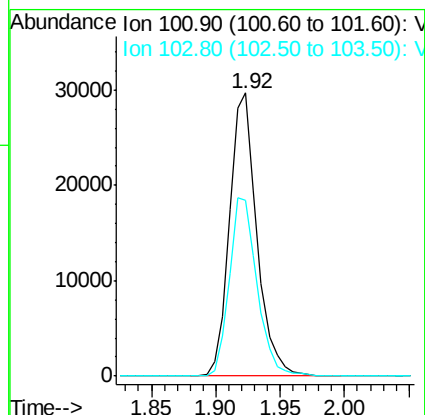
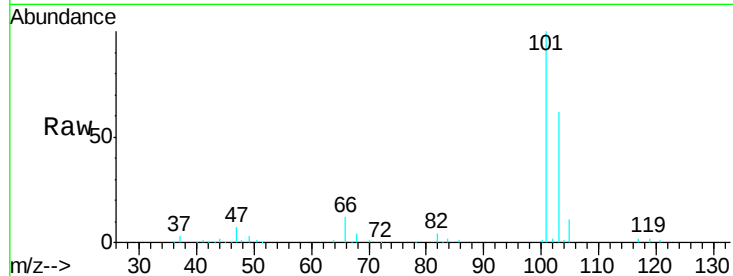
Trichlorofluoromethane
Concen: 20.487 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBS01

Tgt Ion: 101 Resp: 44170
Ion Ratio Lower Upper
101 100
103 62.0 53.0 79.6

Manual Integrations
APPROVED

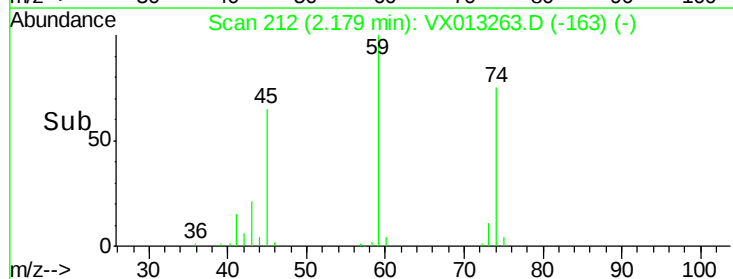
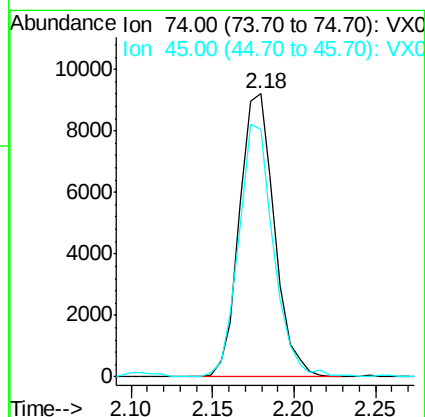
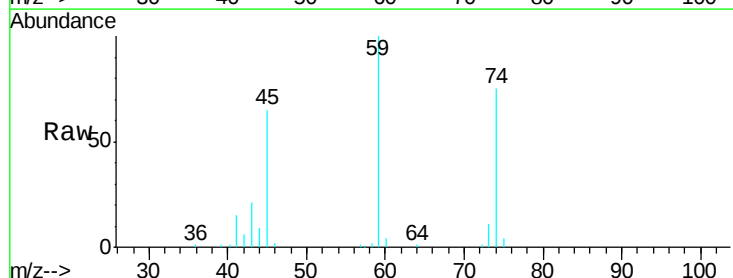
MMDadoda
10/30/2019 10:49:10 AM

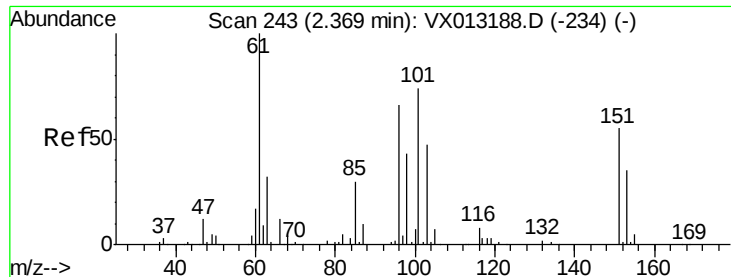


#8

Diethyl Ether
Concen: 18.437 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Tgt Ion: 74 Resp: 13752
Ion Ratio Lower Upper
74 100
45 89.1 44.8 134.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.237 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX013263.D

Acq: 29 Oct 2019 12:09

Instrument :

MSVOA_X

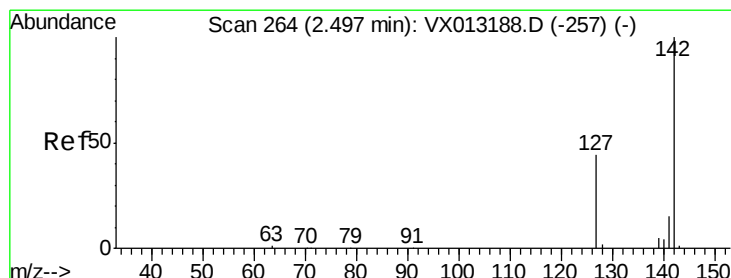
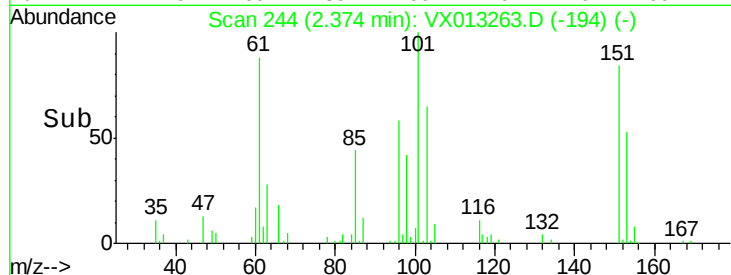
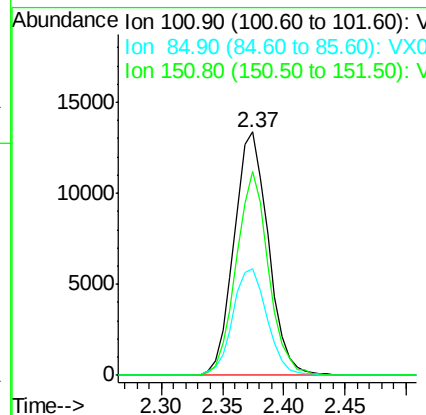
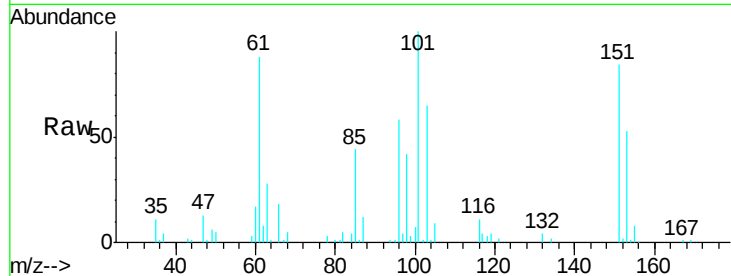
ClientSampleId :

VX1029WBS01

Tgt Ion:	101	Resp:	25910
Ion Ratio	Lower	Upper	
101	100		
85	44.0	34.0	51.0
151	78.9	62.0	93.0

Manual Integrations
APPROVED

MMDadoda
10/30/2019 10:49:10 AM



#10

Methyl Iodide

Concen: 17.341 ug/l

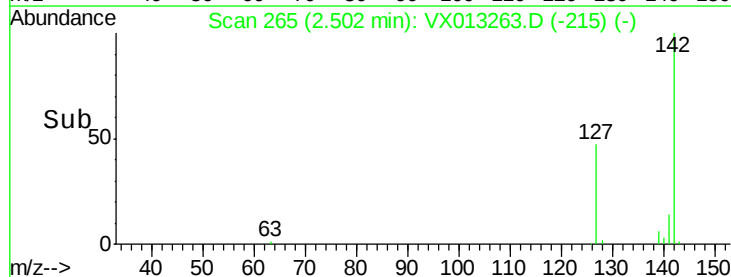
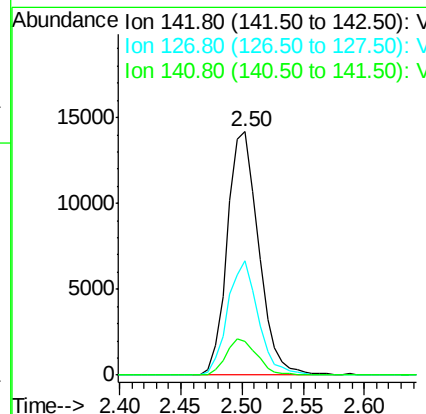
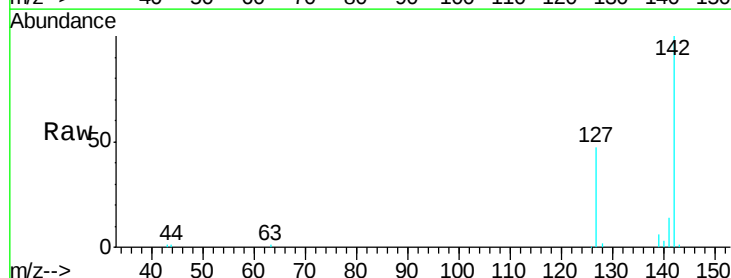
RT: 2.50 min Scan# 265

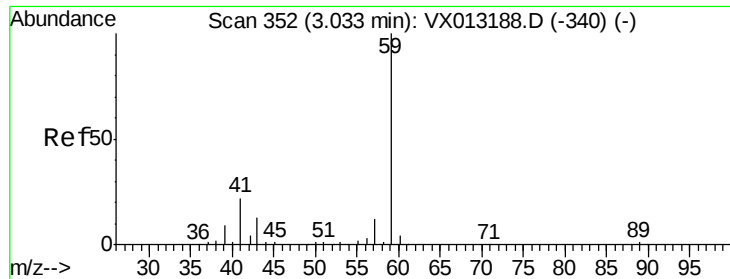
Delta R.T. 0.01 min

Lab File: VX013263.D

Acq: 29 Oct 2019 12:09

Tgt Ion:	142	Resp:	25202
Ion Ratio	Lower	Upper	
142	100		
127	45.6	35.6	53.4
141	14.7	11.6	17.4





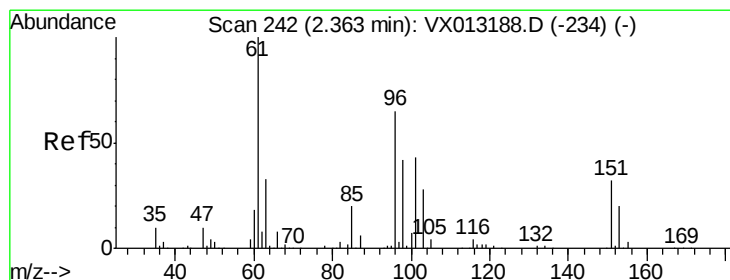
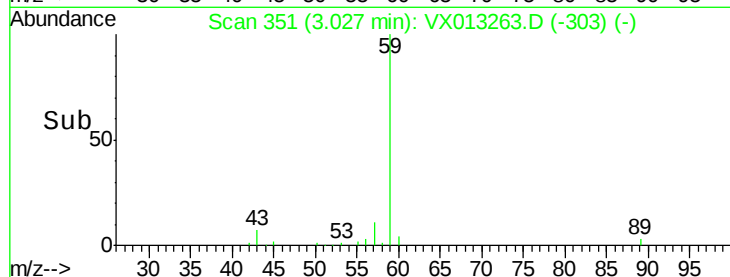
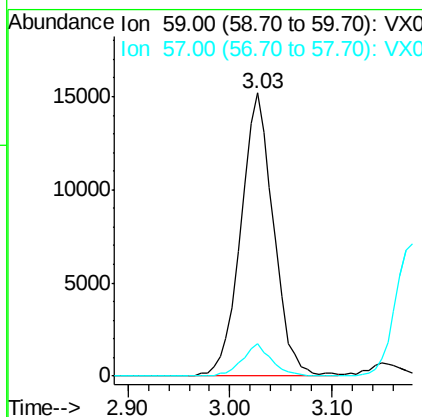
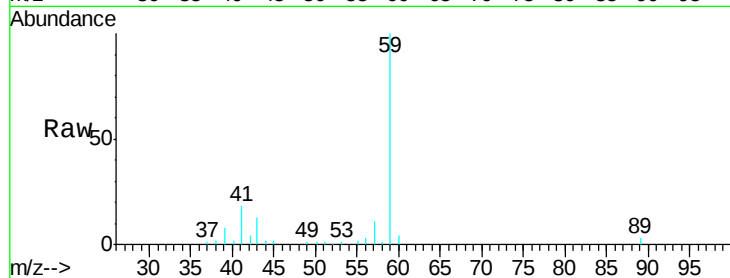
#11
Tert butyl alcohol
Concen: 97.662 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.01 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBS01

Tgt Ion: 59 Resp: 33855
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.4

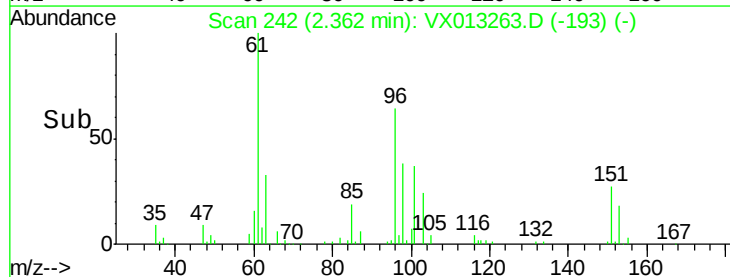
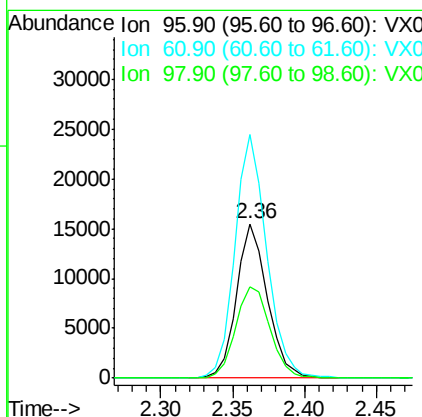
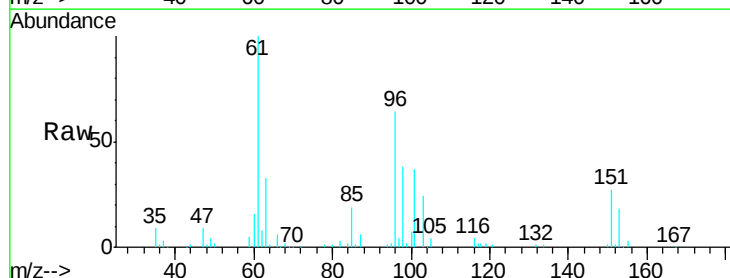
Manual Integrations
APPROVED

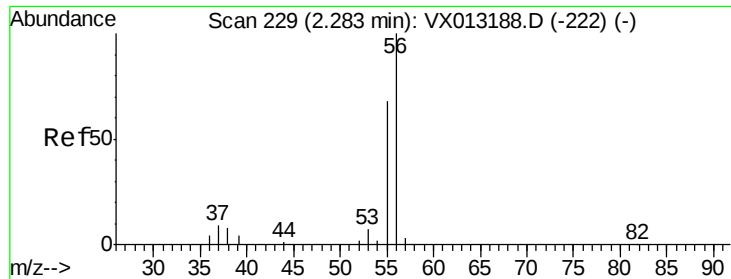
MMDadoda
10/30/2019 10:49:10 AM



#12
1,1-Dichloroethene
Concen: 17.982 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Tgt Ion: 96 Resp: 23249
Ion Ratio Lower Upper
96 100
61 157.5 123.8 185.8
98 59.4 51.6 77.4





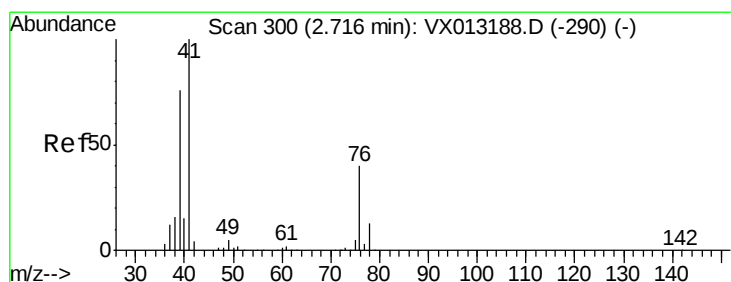
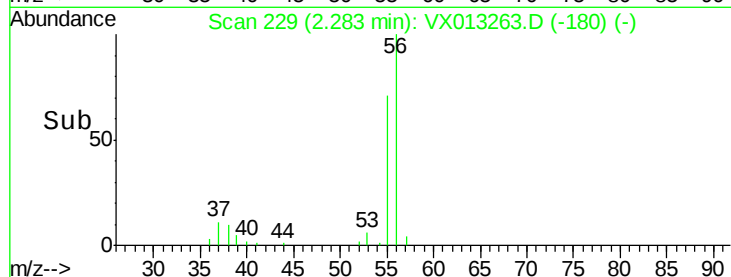
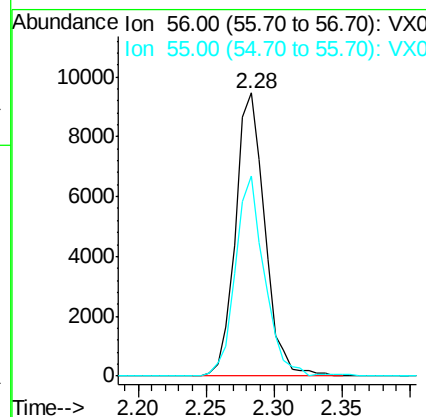
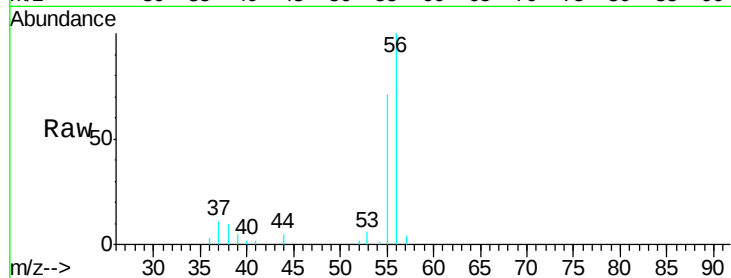
#13
Acrolein
Concen: 76.292 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBS01

Tgt Ion: 56 Resp: 14209
Ion Ratio Lower Upper
56 100
55 70.3 58.9 88.3

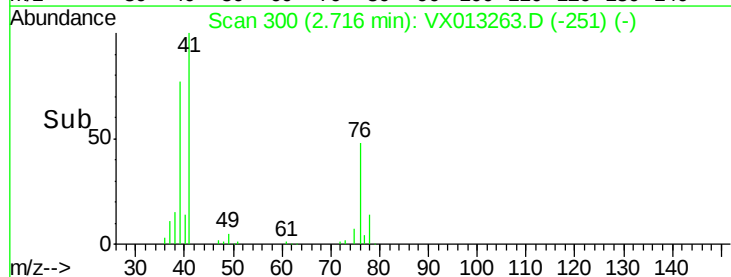
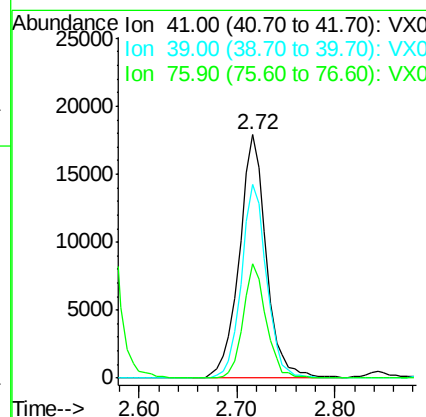
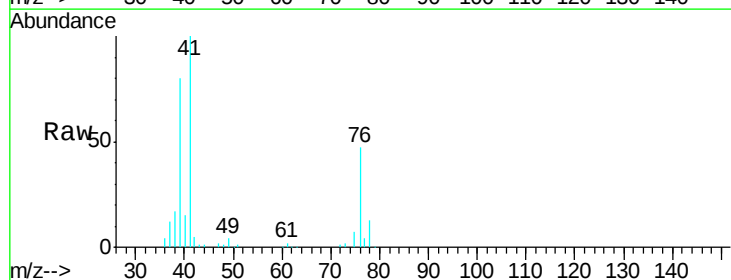
Manual Integrations
APPROVED

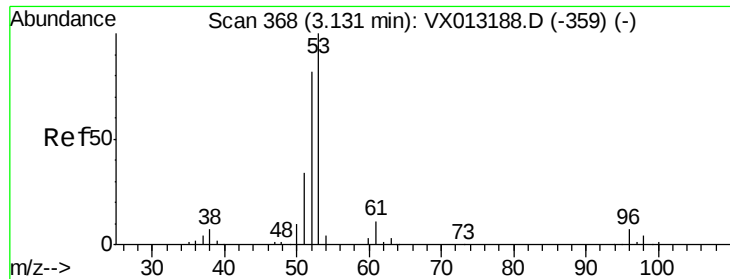
MMDadoda
10/30/2019 10:49:10 AM



#14
Allyl chloride
Concen: 16.831 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Tgt Ion: 41 Resp: 34259
Ion Ratio Lower Upper
41 100
39 74.0 54.6 81.8
76 39.7 29.8 44.6





#15

Acrylonitrile

Concen: 88.272 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013263.D

Acq: 29 Oct 2019 12:09

Instrument :

MSVOA_X

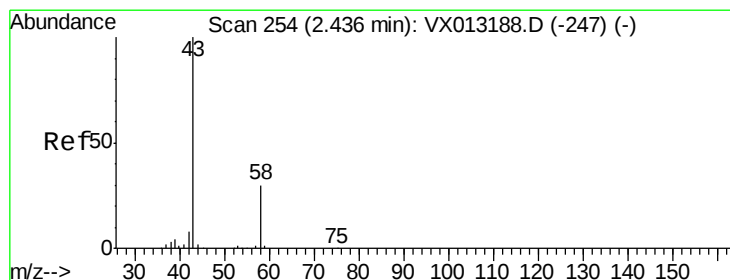
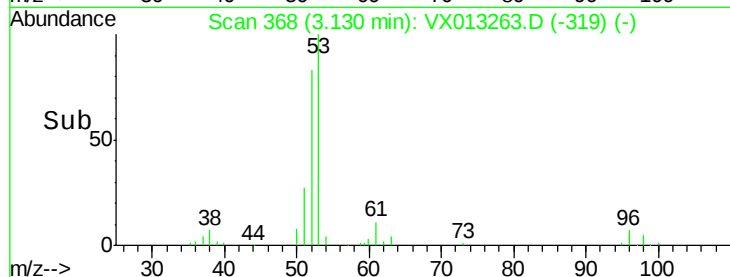
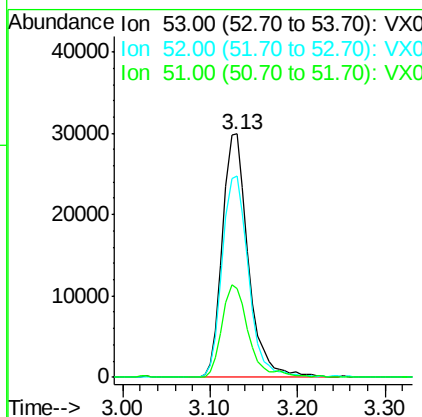
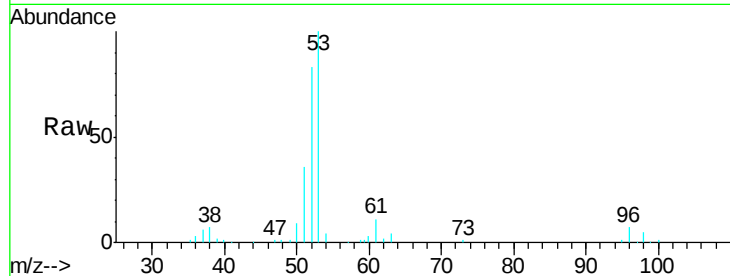
ClientSampleId :

VX1029WBS01

Tgt Ion:	53	Resp:	61763
Ion	Ratio	Lower	Upper
53	100		
52	83.9	66.4	99.6
51	38.8	29.4	44.2

Manual Integrations
APPROVED

MMDadoda
10/30/2019 10:49:10 AM



#16

Acetone

Concen: 94.637 ug/l

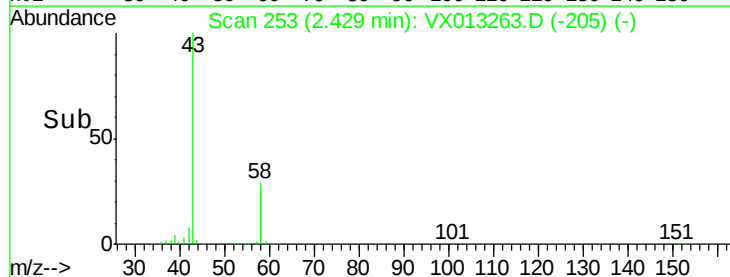
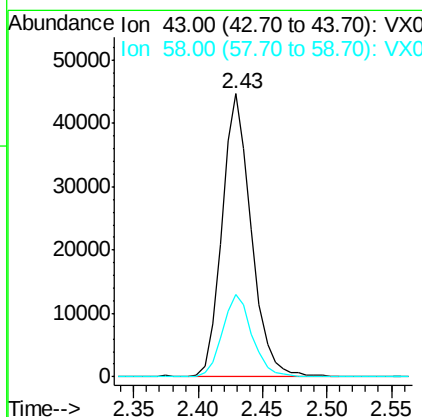
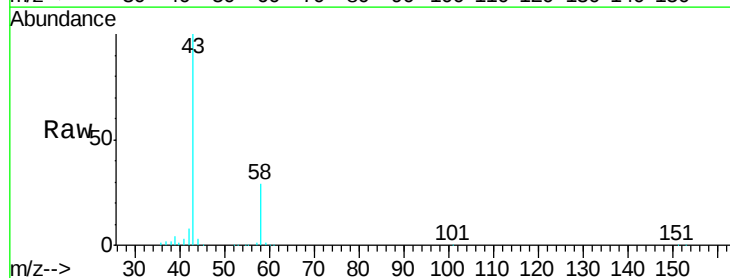
RT: 2.43 min Scan# 253

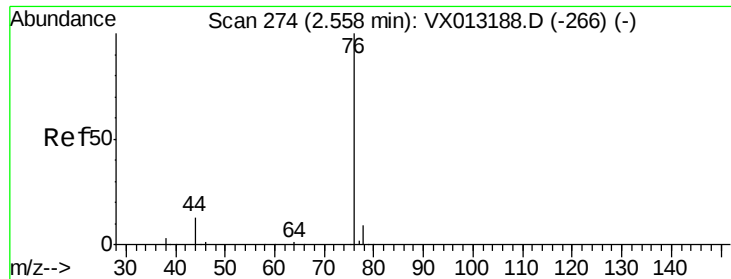
Delta R.T. -0.01 min

Lab File: VX013263.D

Acq: 29 Oct 2019 12:09

Tgt Ion:	43	Resp:	70775
Ion	Ratio	Lower	Upper
43	100		
58	29.1	23.8	35.6





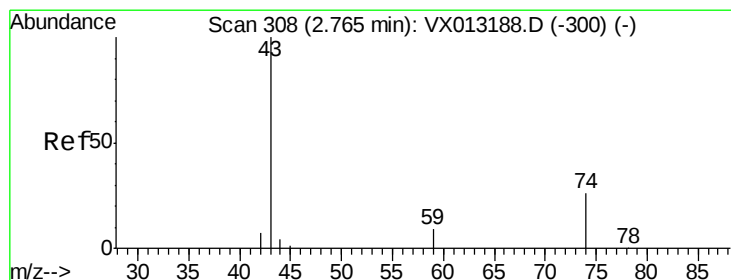
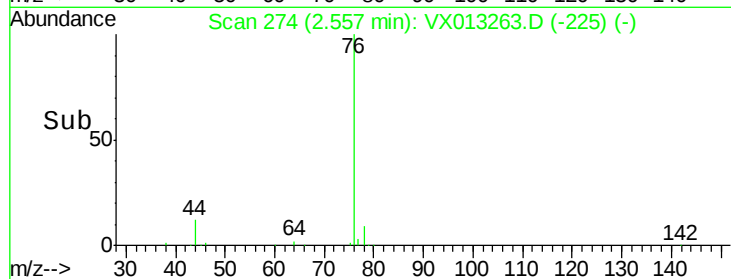
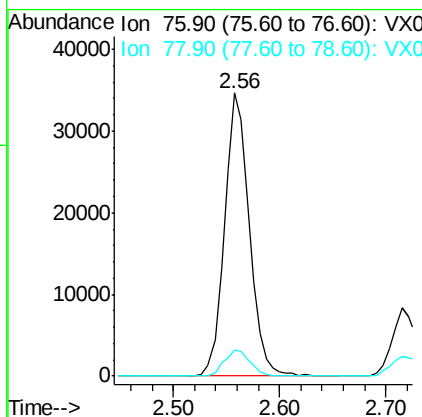
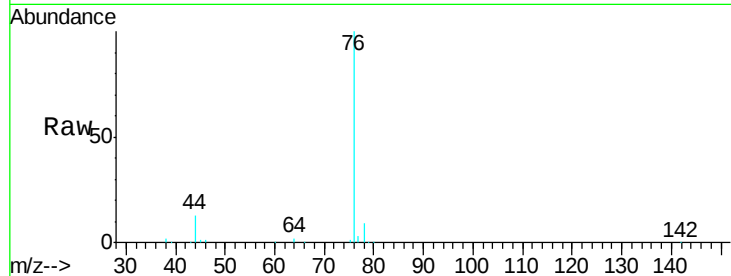
#17
Carbon Disulfide
Concen: 16.187 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBS01

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.2

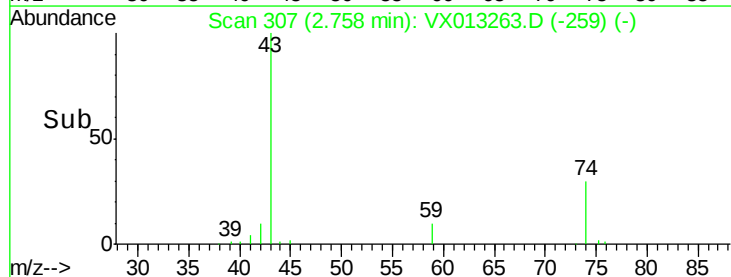
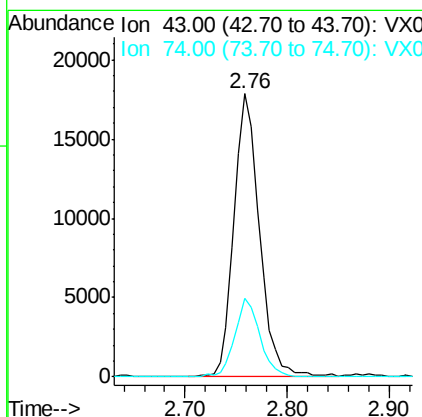
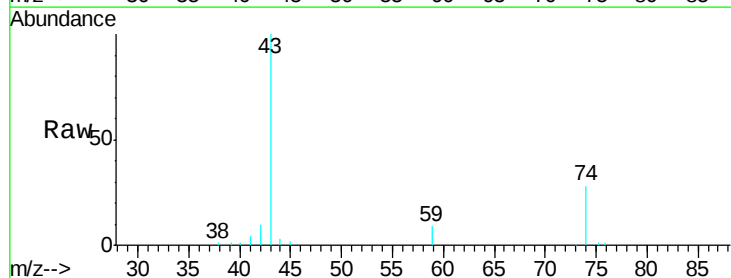
Manual Integrations
APPROVED

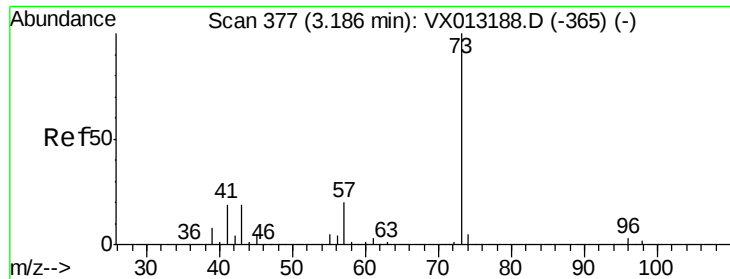
MMDadoda
10/30/2019 10:49:10 AM



#18
Methyl Acetate
Concen: 19.530 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.1	20.9	31.3





#19

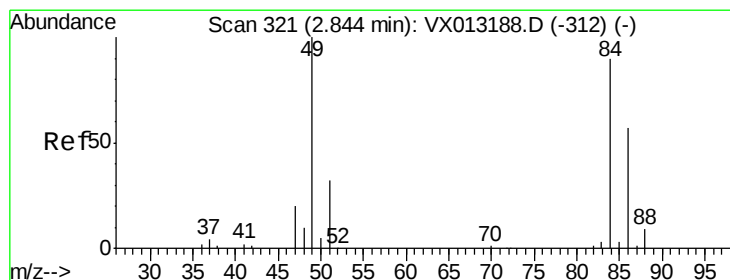
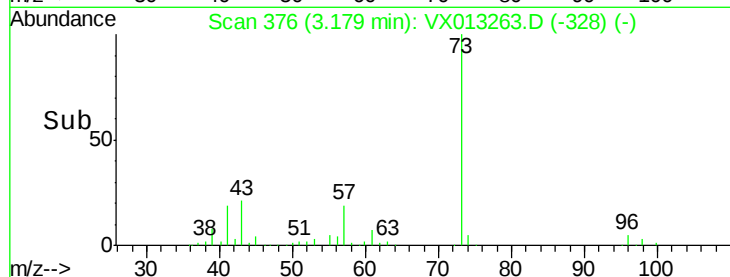
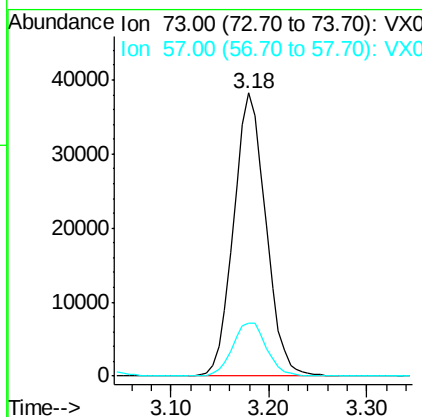
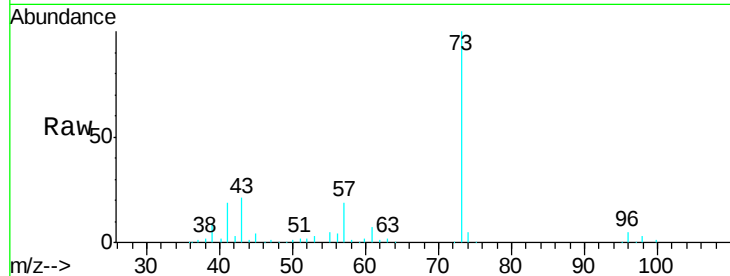
Methyl tert-butyl Ether
 Concen: 19.175 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX013263.D
 Acq: 29 Oct 2019 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBS01

Tgt Ion: 73 Resp: 87300
 Ion Ratio Lower Upper
 73 100
 57 18.6 15.8 23.8

Manual Integrations
 APPROVED

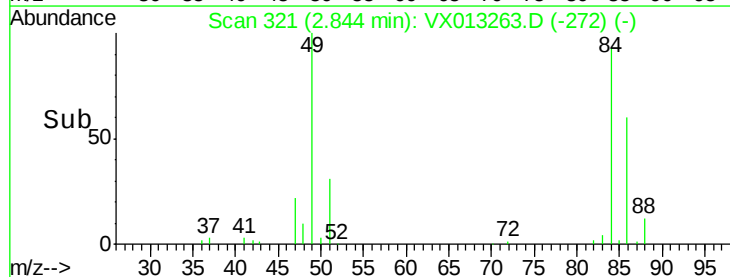
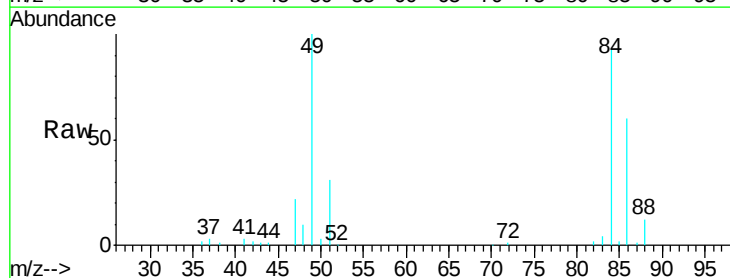
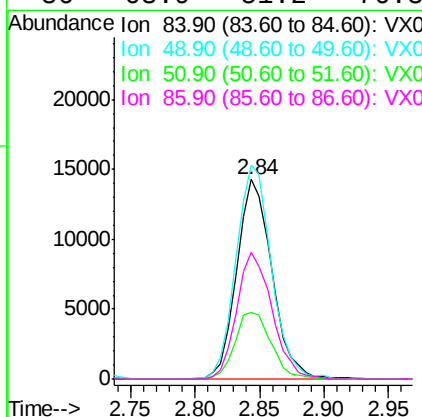
MMDadoda
 10/30/2019 10:49:10 AM

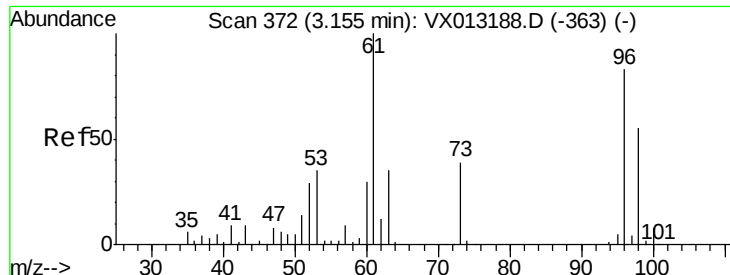


#20

Methylene Chloride
 Concen: 19.502 ug/l
 RT: 2.84 min Scan# 321
 Delta R.T. -0.00 min
 Lab File: VX013263.D
 Acq: 29 Oct 2019 12:09

Tgt Ion: 84 Resp: 27026
 Ion Ratio Lower Upper
 84 100
 49 107.1 89.2 133.8
 51 33.1 28.8 43.2
 86 63.9 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 19.179 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013263.D

Acq: 29 Oct 2019 12:09

Instrument :

MSVOA_X

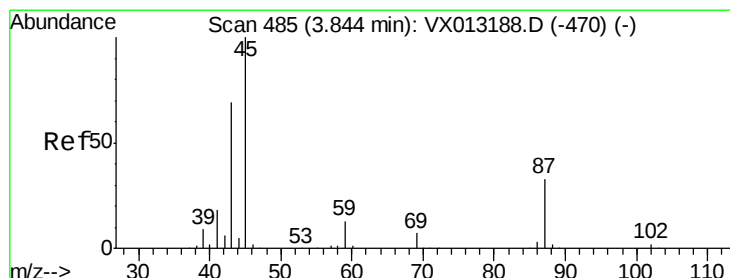
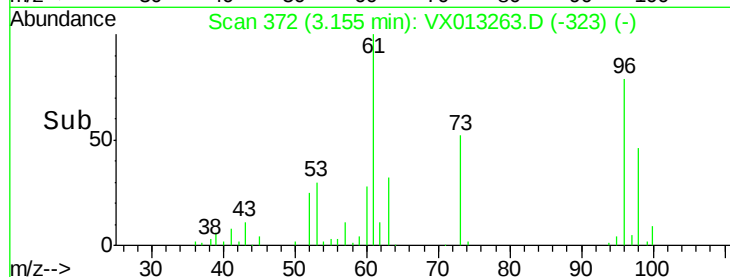
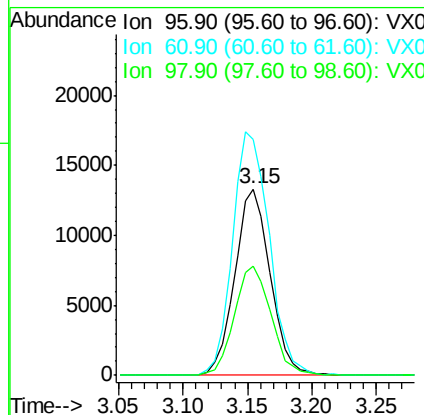
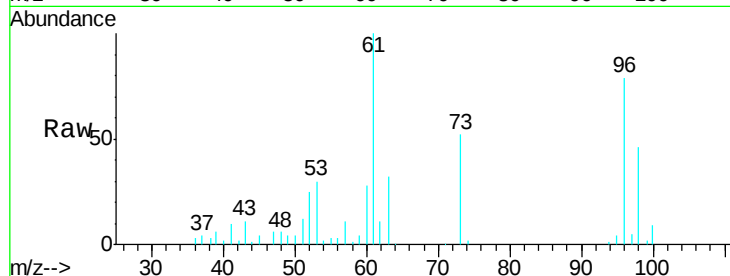
ClientSampleId :

VX1029WBS01

Tgt Ion:	96	Resp:	25401
Ion	Ratio	Lower	Upper
96	100		
61	126.5	96.9	145.3
98	58.7	53.0	79.4

Manual Integrations
APPROVED

MMDadoda
10/30/2019 10:49:10 AM



#22

Diisopropyl ether

Concen: 18.425 ug/l

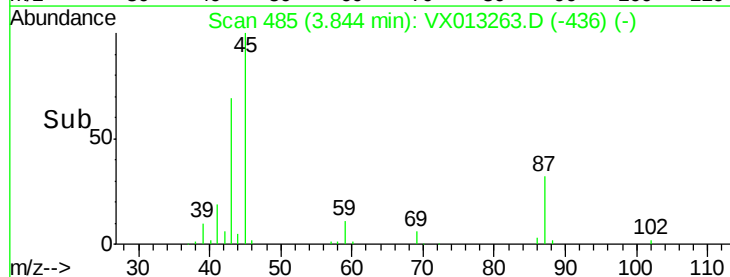
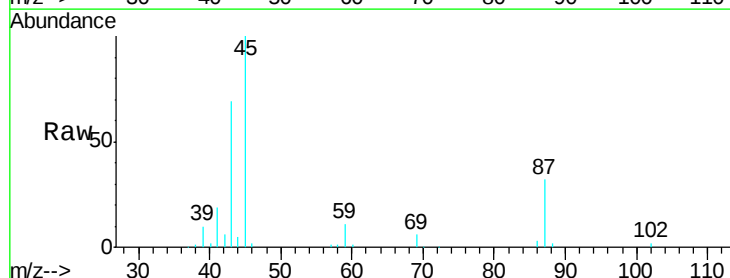
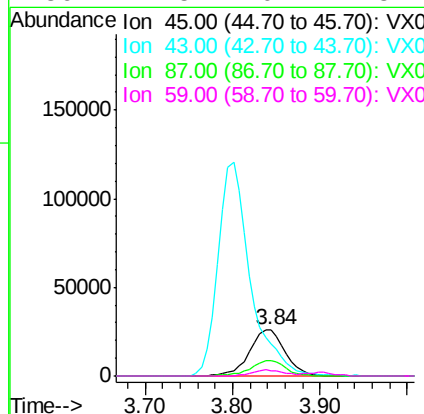
RT: 3.84 min Scan# 485

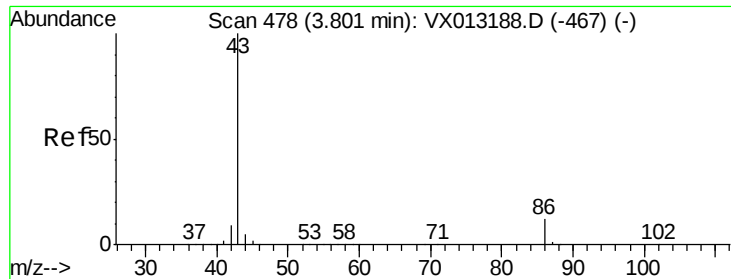
Delta R.T. -0.00 min

Lab File: VX013263.D

Acq: 29 Oct 2019 12:09

Tgt Ion:	45	Resp:	73329
Ion	Ratio	Lower	Upper
45	100		
43	67.8	55.5	83.3
87	32.2	26.7	40.1
59	11.5	10.2	15.2





#23

Vinyl Acetate

Concen: 92.015 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013263.D

Acq: 29 Oct 2019 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX1029WBS01

Tgt Ion: 43 Resp: 311257

Ion Ratio Lower Upper

43 100

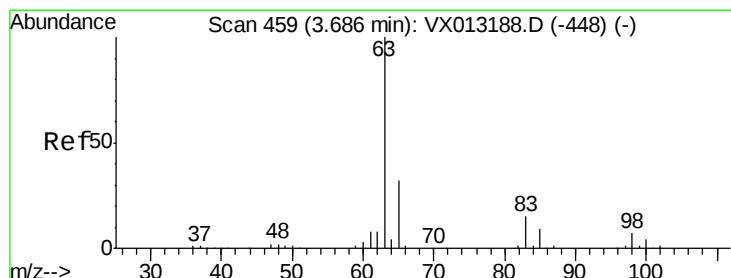
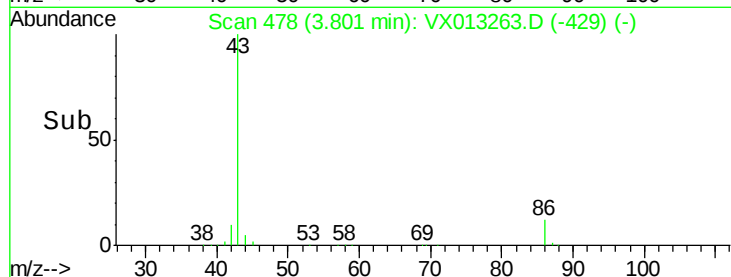
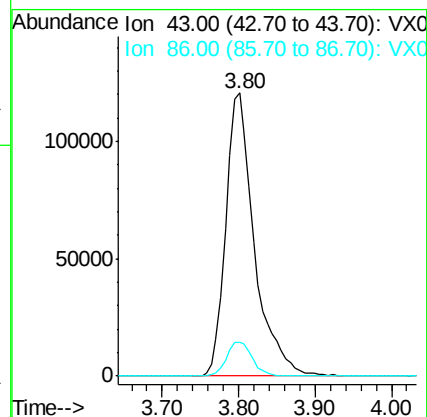
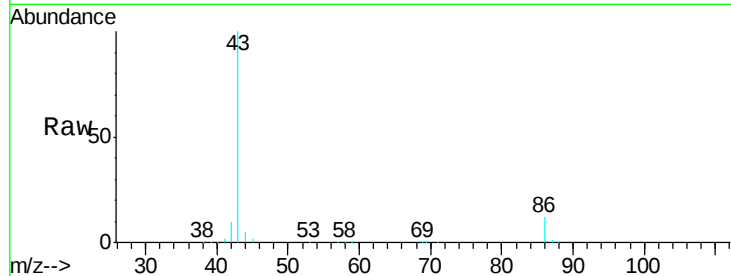
86 11.9 9.7 14.5

Manual Integrations

APPROVED

MMDadoda

10/30/2019 10:49:10 AM



#24

1,1-Dichloroethane

Concen: 18.487 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013263.D

Acq: 29 Oct 2019 12:09

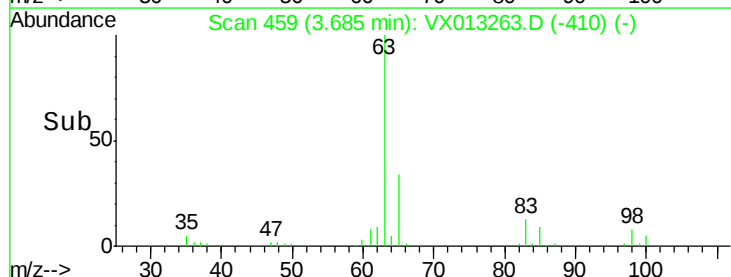
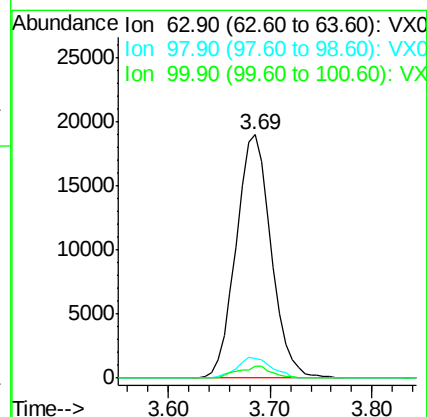
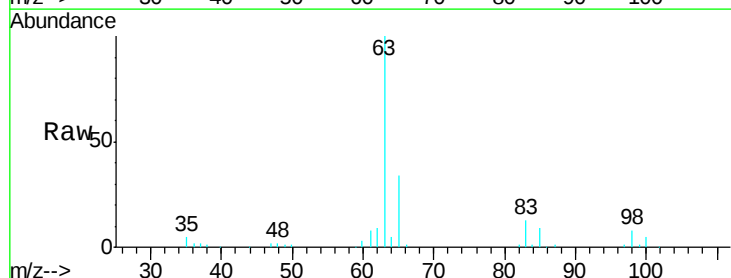
Tgt Ion: 63 Resp: 45255

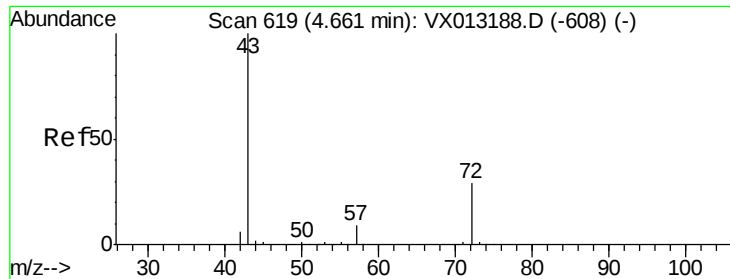
Ion Ratio Lower Upper

63 100

98 8.0 3.8 11.2

100 5.0 2.2 6.6





#25

2-Butanone

Concen: 88.974 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.01 min

Lab File: VX013263.D

Acq: 29 Oct 2019 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX1029WBS01

Tgt Ion: 43 Resp: 89237

Ion Ratio Lower Upper

43 100

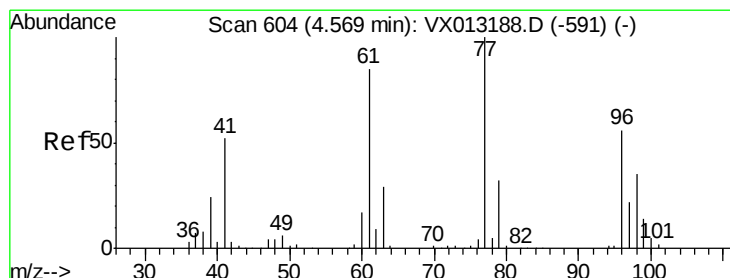
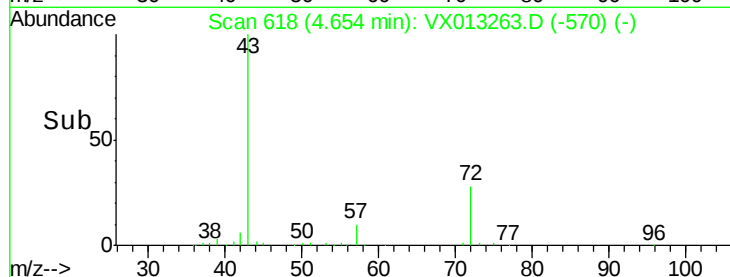
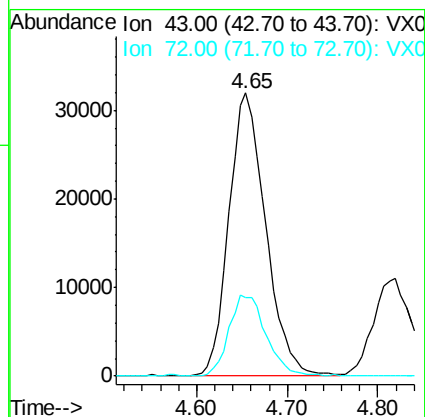
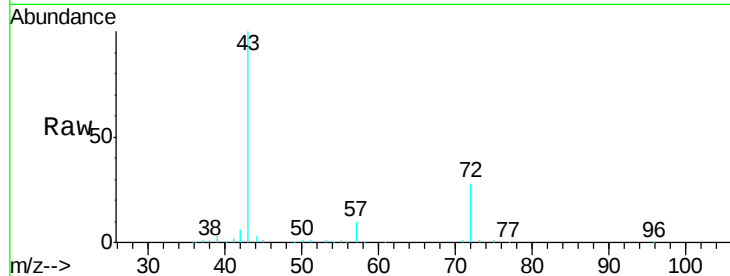
72 27.8 23.4 35.2

Manual Integrations

APPROVED

MMDadoda

10/30/2019 10:49:10 AM



#26

2,2-Dichloropropane

Concen: 19.114 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013263.D

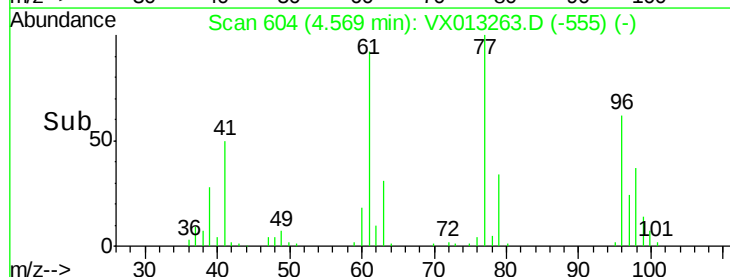
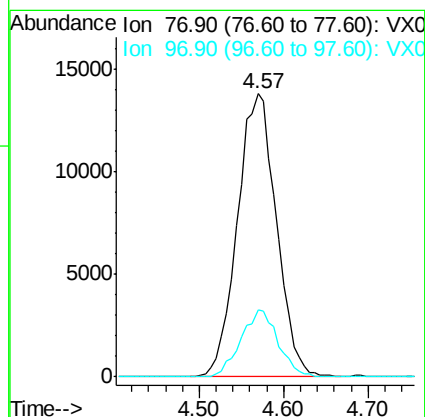
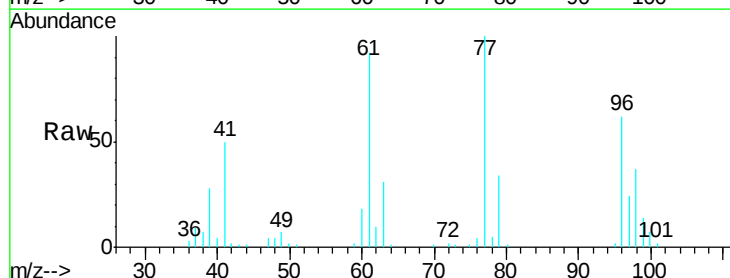
Acq: 29 Oct 2019 12:09

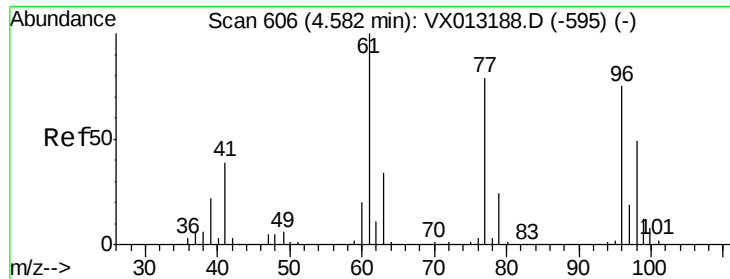
Tgt Ion: 77 Resp: 43244

Ion Ratio Lower Upper

77 100

97 22.6 10.9 32.6





#27

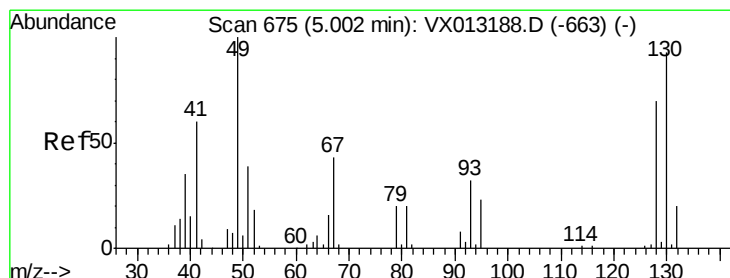
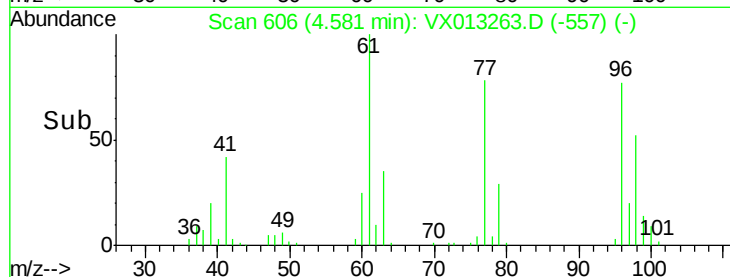
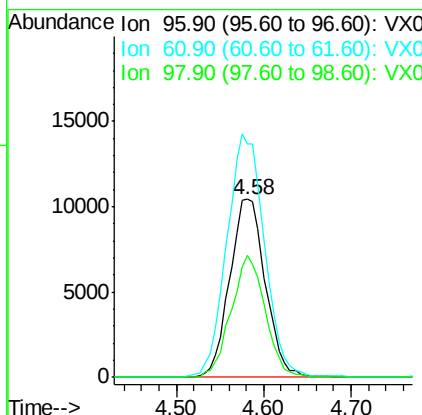
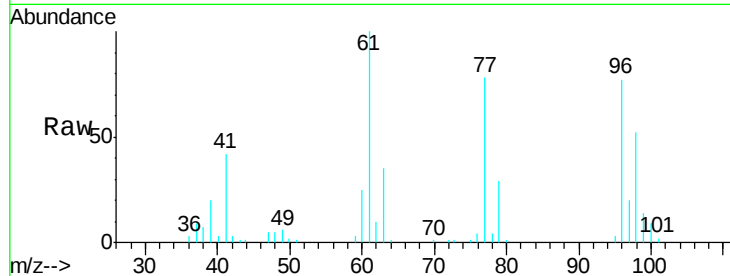
cis-1,2-Dichloroethene
Concen: 18.717 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	29637		
61	144.0	0.0	290.4	
98	65.2	0.0	130.4	

Manual Integrations
APPROVED

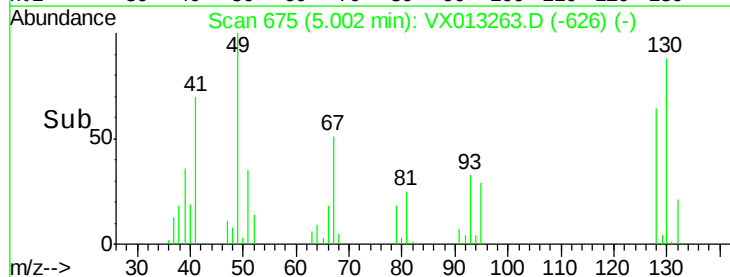
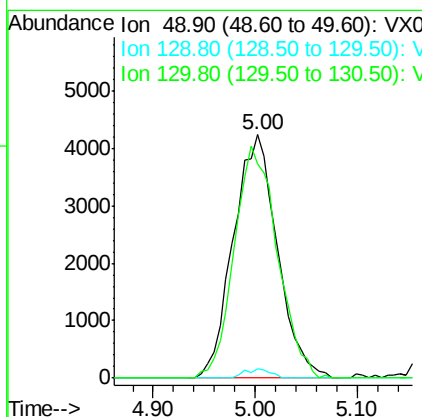
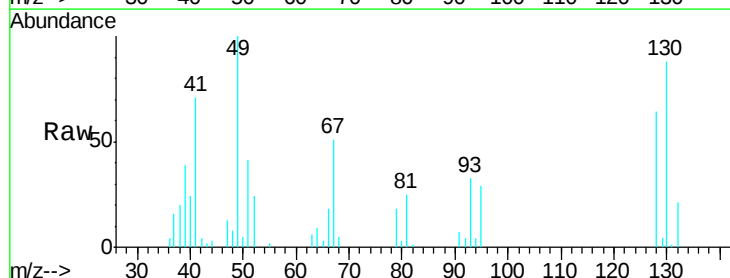
MMDadoda
10/30/2019 10:49:10 AM

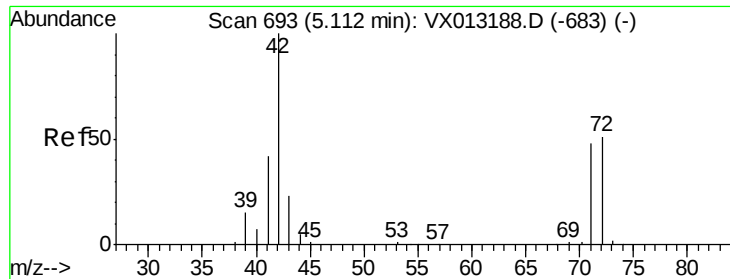


#28

Bromochloromethane
Concen: 20.163 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	12727		
129	2.1	0.0	4.8	
130	93.1	71.8	107.8	





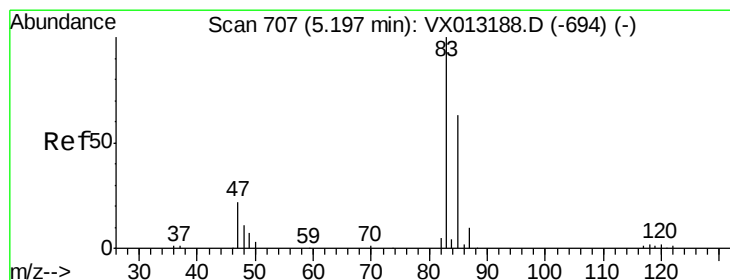
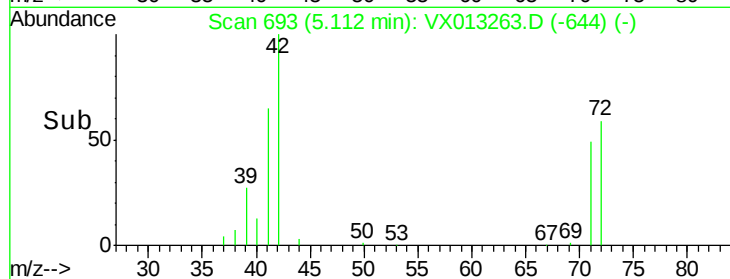
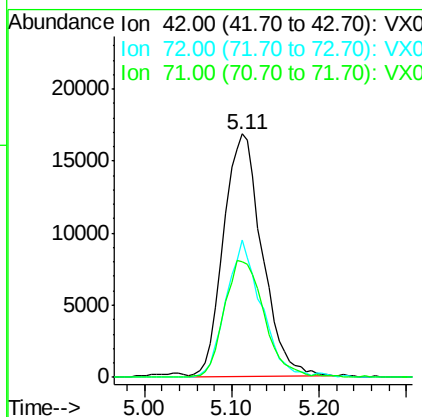
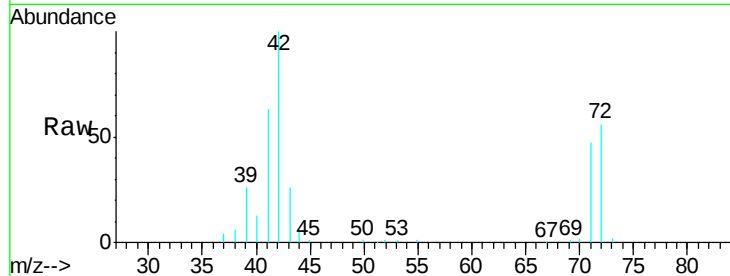
#29
Tetrahydrofuran
Concen: 85.641 ug/l
RT: 5.11 min Scan# 693
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBS01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	51.6	40.9	61.3
71	49.9	38.6	57.8

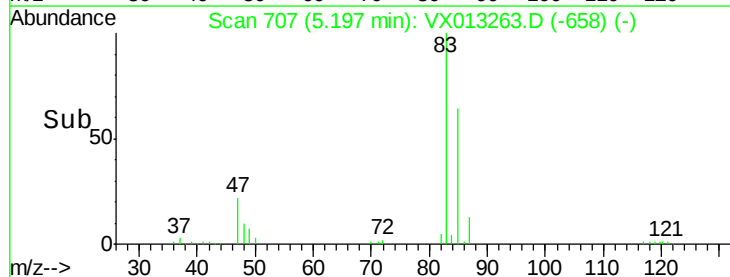
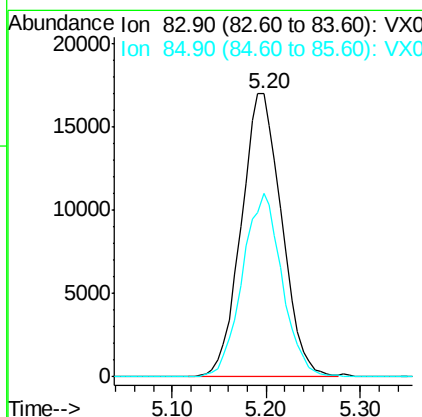
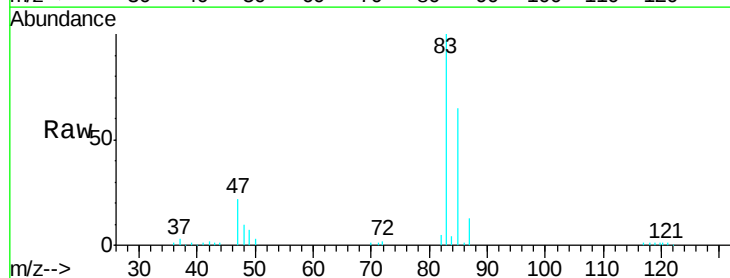
Manual Integrations
APPROVED

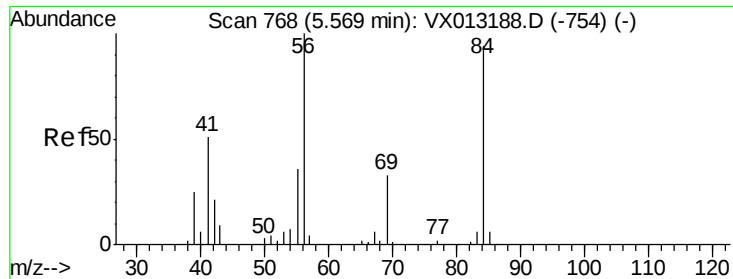
MMDadoda
10/30/2019 10:49:10 AM



#30
Chloroform
Concen: 19.664 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.1	75.1





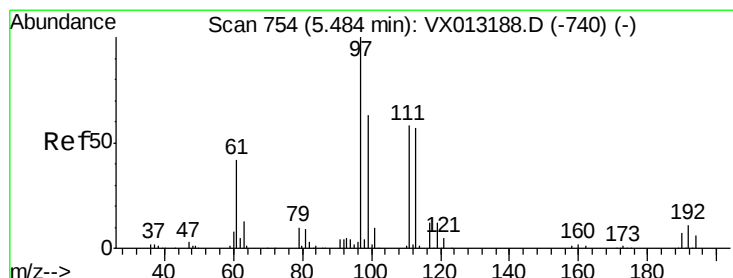
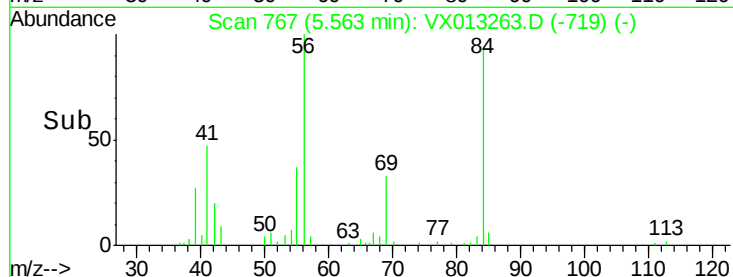
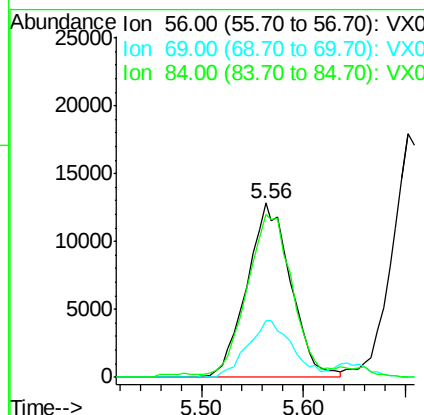
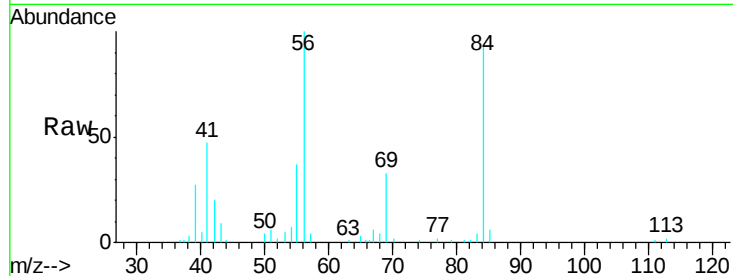
#31
Cyclohexane
Concen: 18.663 ug/l
RT: 5.56 min Scan# 767
Delta R.T. -0.01 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBS01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	32.7	26.3	39.5
84	91.5	73.8	110.6

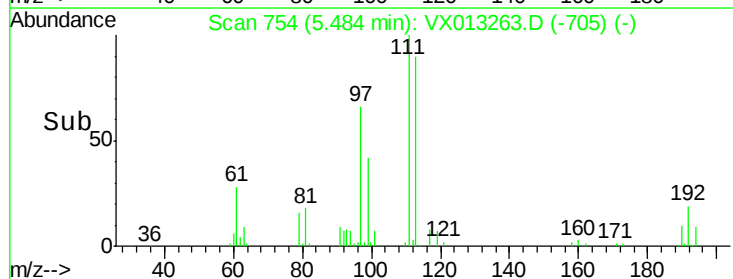
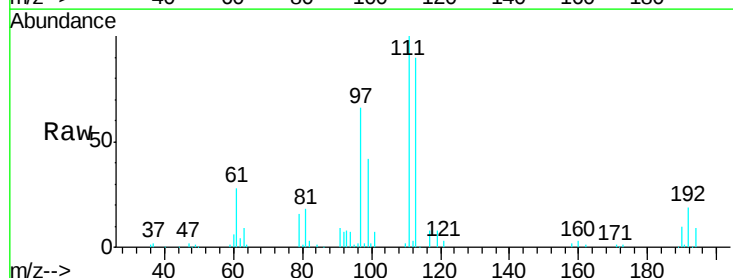
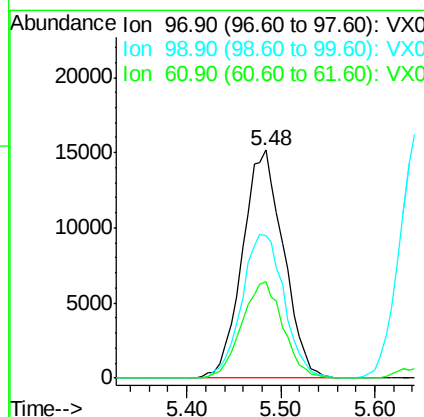
Manual Integrations
APPROVED

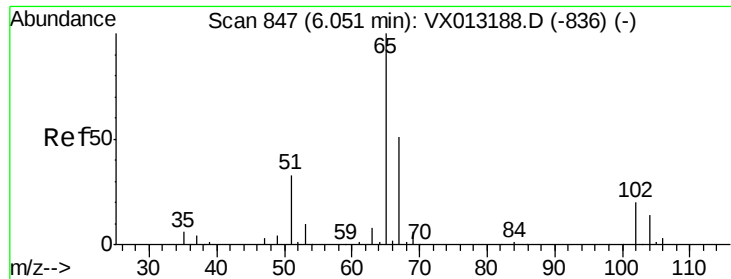
MMDadoda
10/30/2019 10:49:10 AM



#32
1,1,1-Trichloroethane
Concen: 20.003 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	50.8	76.2
61	42.3	32.8	49.2





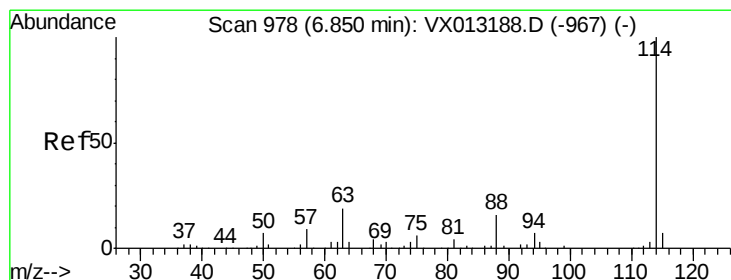
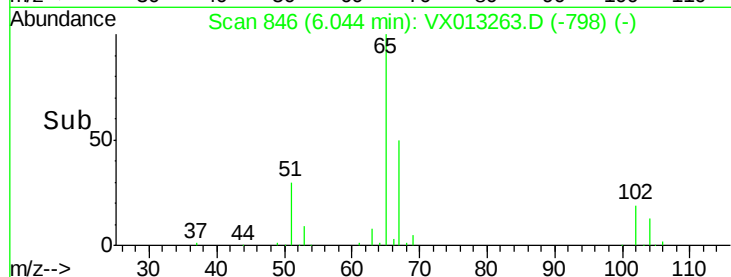
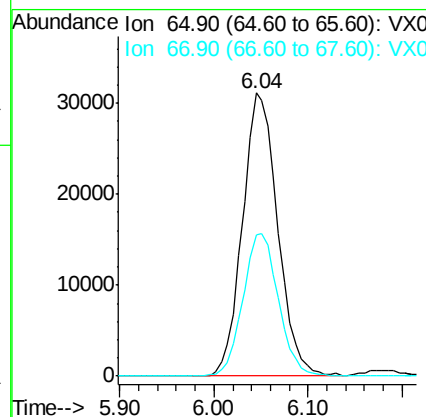
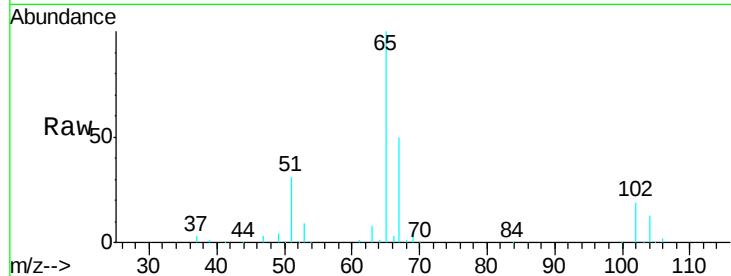
#33
 1,2-Dichloroethane-d4
 Concen: 51.226 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX013263.D
 Acq: 29 Oct 2019 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBS01

Tgt Ion: 65 Resp: 81316
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.6

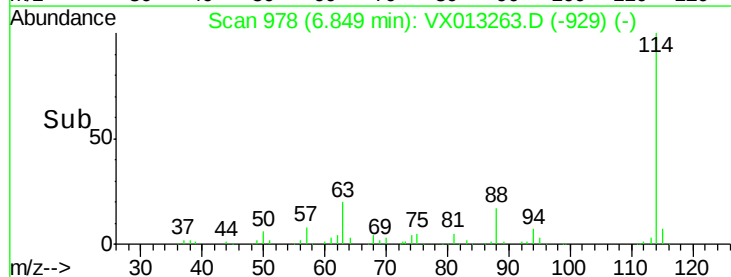
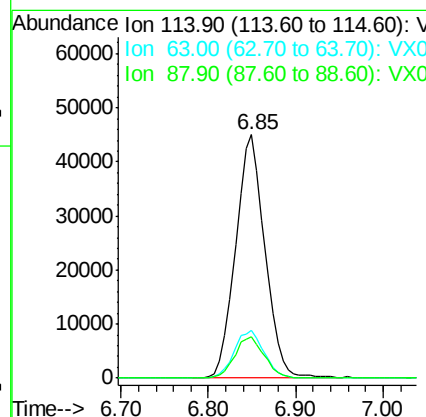
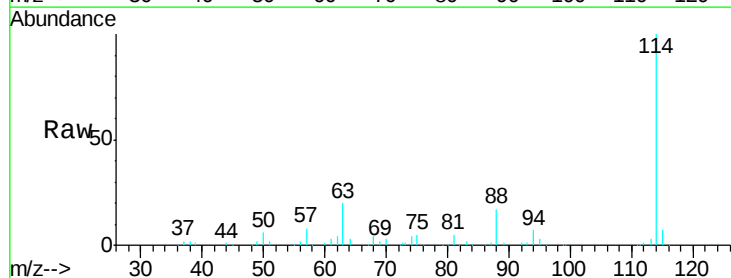
Manual Integrations
 APPROVED

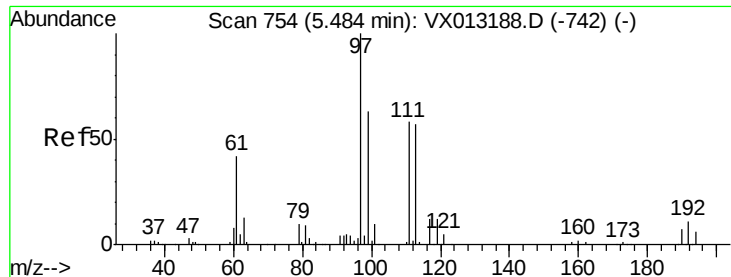
MMDadoda
 10/30/2019 10:49:10 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013263.D
 Acq: 29 Oct 2019 12:09

Tgt Ion: 114 Resp: 104954
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.0
 88 17.1 0.0 32.0





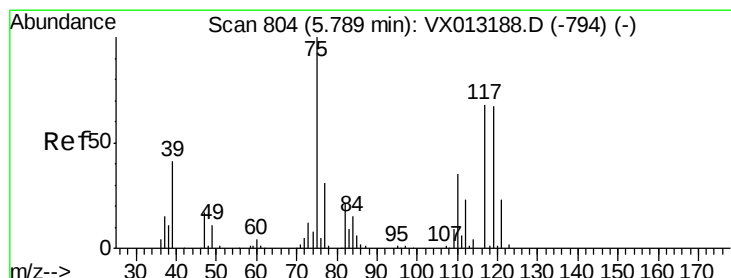
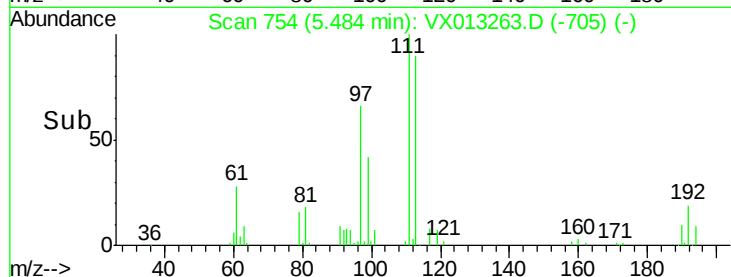
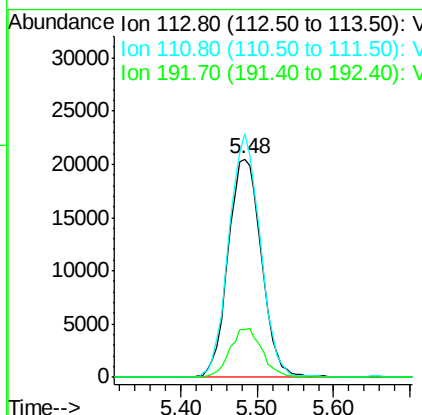
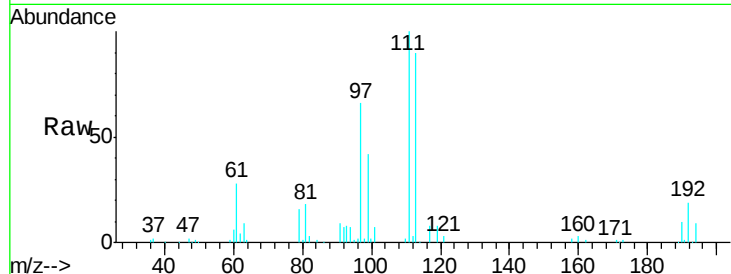
#35
 Dibromofluoromethane
 Concen: 52.714 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX013263.D
 Acq: 29 Oct 2019 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	61696		
111	104.8	80.3	120.5	
192	21.6	15.9	23.9	

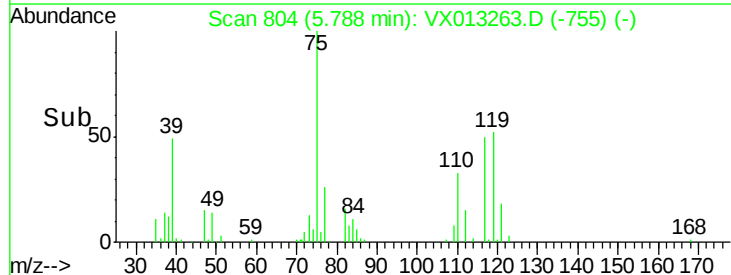
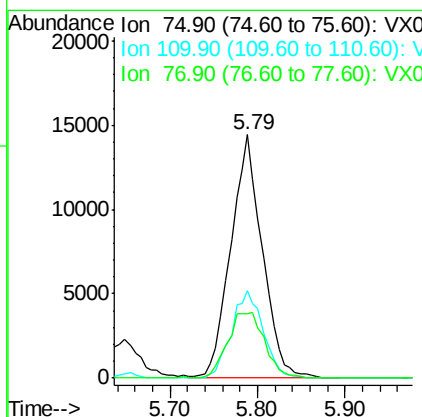
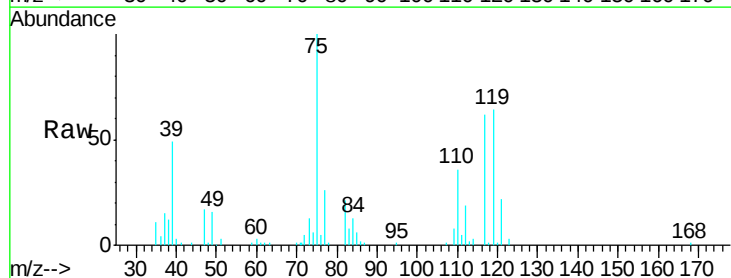
Manual Integrations
 APPROVED

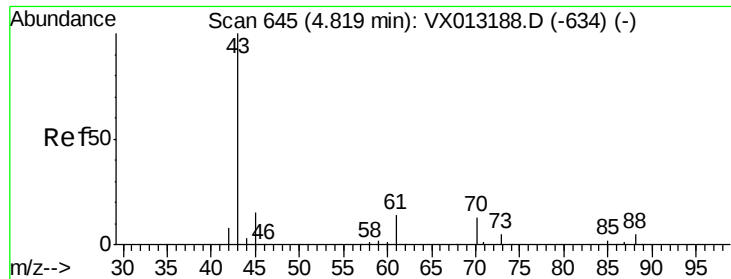
MMDadoda
 10/30/2019 10:49:10 AM



#36
 1,1-Dichloropropene
 Concen: 20.585 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013263.D
 Acq: 29 Oct 2019 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	36245		
110	36.1	17.6	52.9	
77	31.3	24.7	37.1	





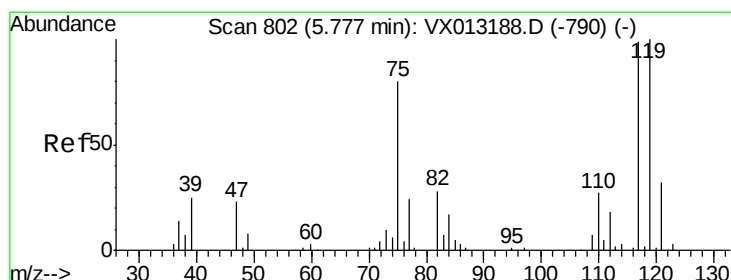
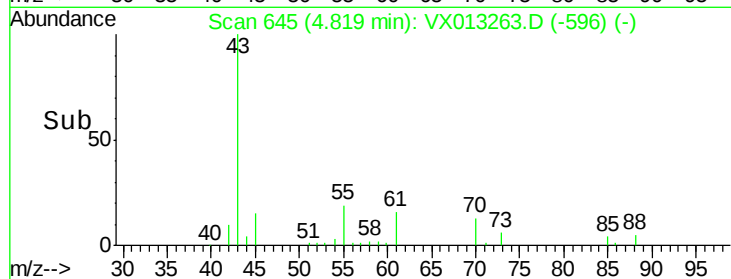
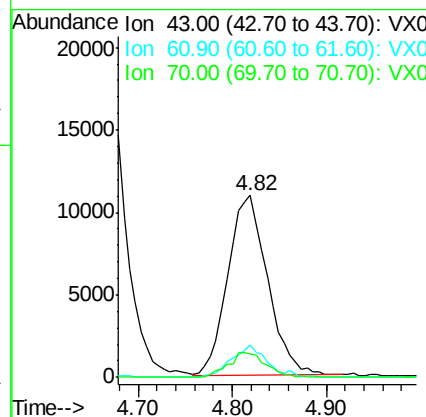
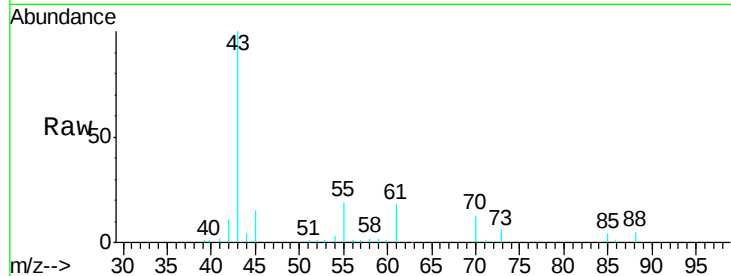
#37
Ethyl Acetate
Concen: 18.296 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBS01

Tgt Ion: 43 Resp: 32000
Ion Ratio Lower Upper
43 100
61 16.1 12.1 18.1
70 13.1 10.4 15.6

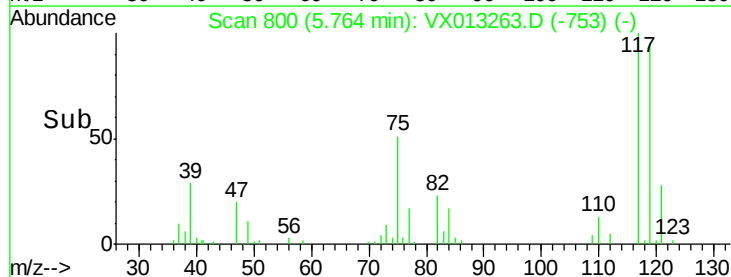
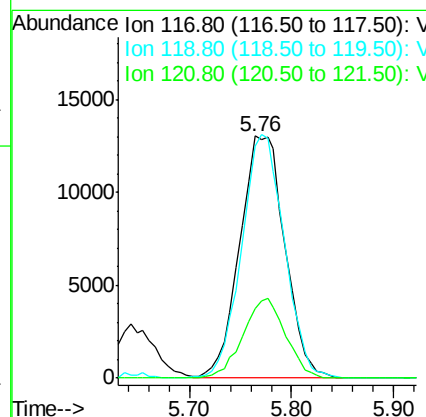
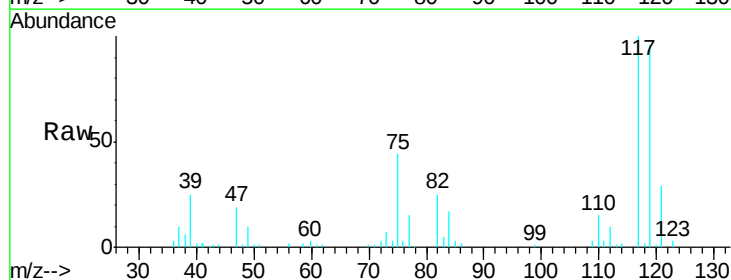
Manual Integrations
APPROVED

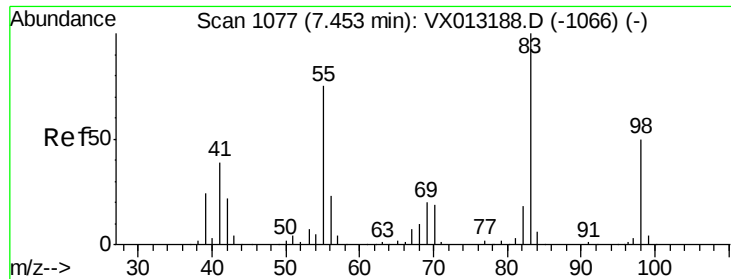
MMDadoda
10/30/2019 10:49:10 AM



#38
Carbon Tetrachloride
Concen: 20.646 ug/l
RT: 5.76 min Scan# 800
Delta R.T. -0.01 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Tgt Ion: 117 Resp: 40053
Ion Ratio Lower Upper
117 100
119 95.8 80.1 120.1
121 29.0 25.5 38.3





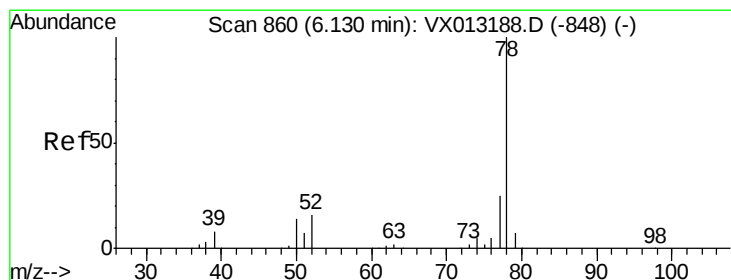
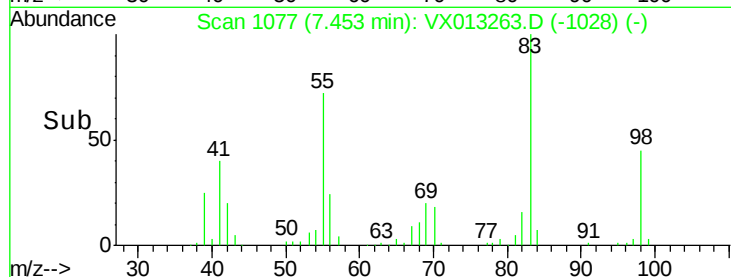
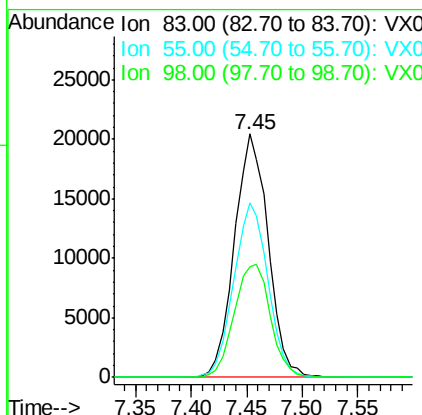
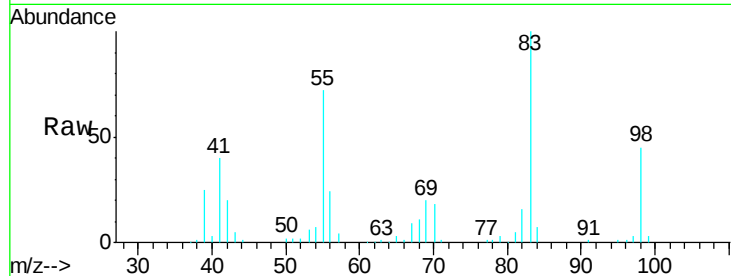
#39
Methylcyclohexane
Concen: 19.111 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBS01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	71.6	60.1	90.1
98	45.4	39.8	59.8

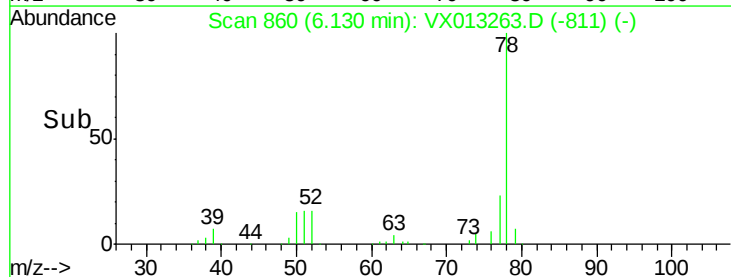
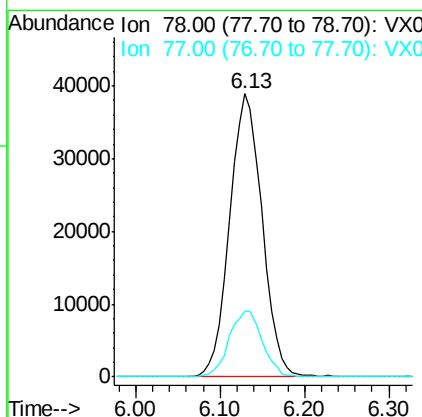
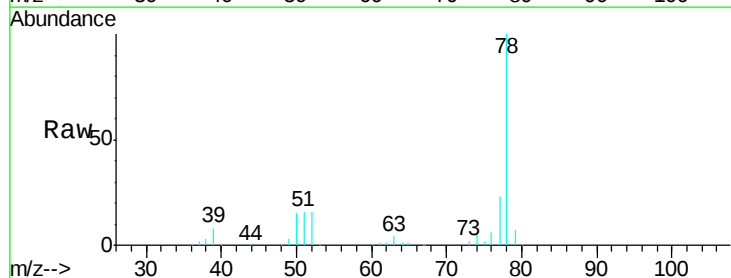
Manual Integrations
APPROVED

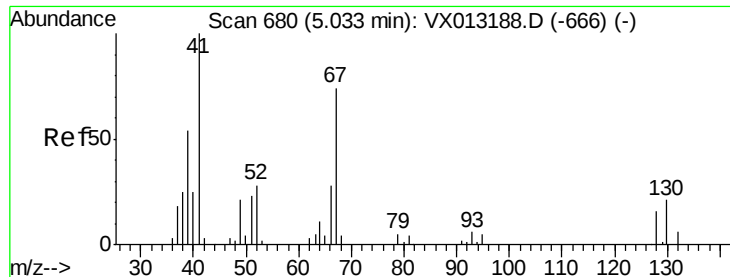
MMDadoda
10/30/2019 10:49:10 AM



#40
Benzene
Concen: 19.283 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.6	29.4





#41

Methacrylonitrile

Concen: 19.684 ug/l

RT: 5.03 min Scan# 679

Delta R.T. -0.01 min

Lab File: VX013263.D

Acq: 29 Oct 2019 12:09

Instrument :

MSVOA_X

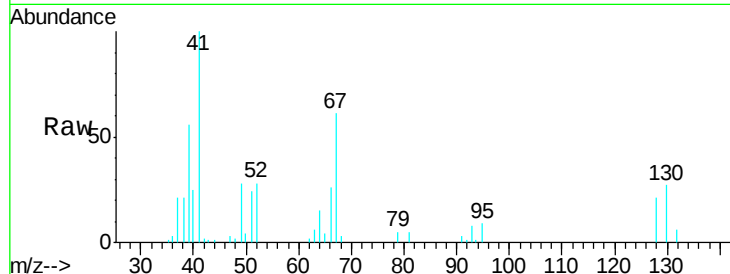
ClientSampleId :

VX1029WBS01

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.4	45.2	67.8	
67	74.8	61.3	91.9	
52	32.6	25.1	37.7	

Manual Integrations
APPROVED

MMDadoda
10/30/2019 10:49:10 AM

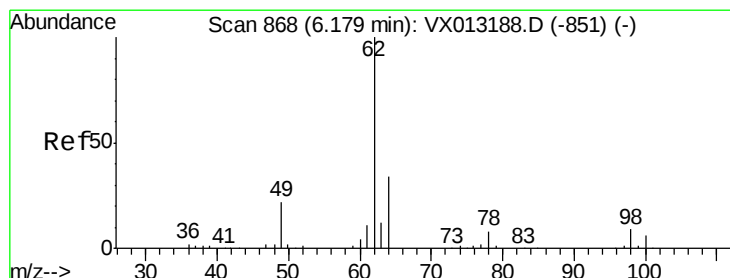
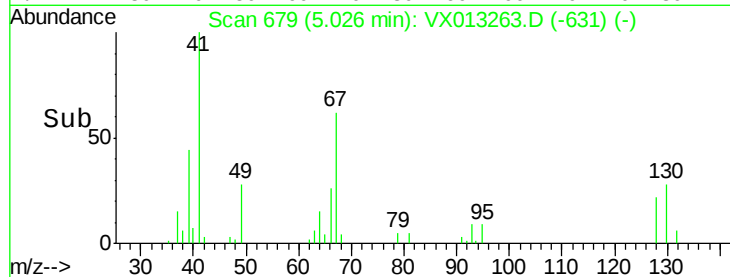
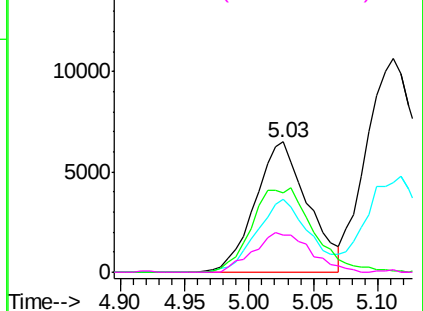


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 20.939 ug/l

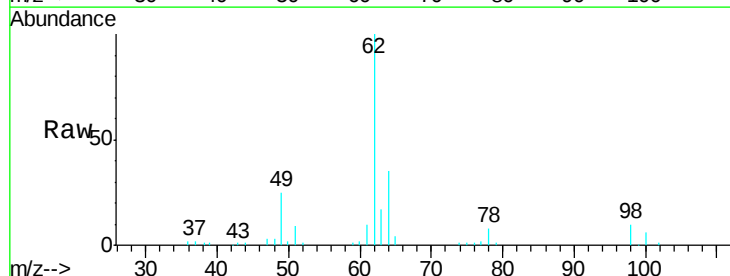
RT: 6.18 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX013263.D

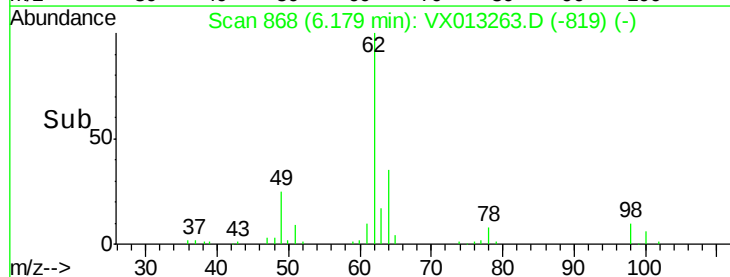
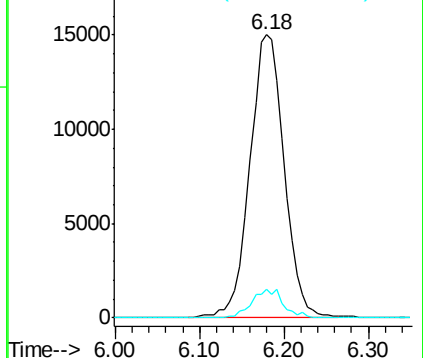
Acq: 29 Oct 2019 12:09

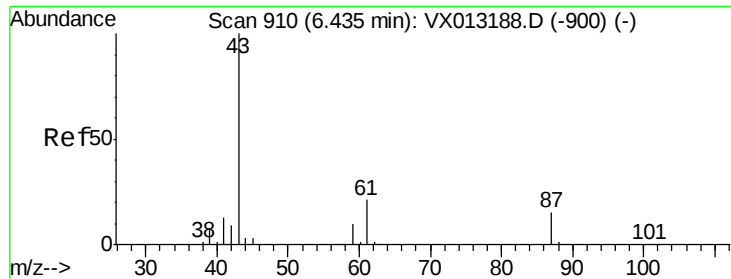
Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.2	0.0	18.4	



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.230 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013263.D

Acq: 29 Oct 2019 12:09

Instrument :

MSVOA_X

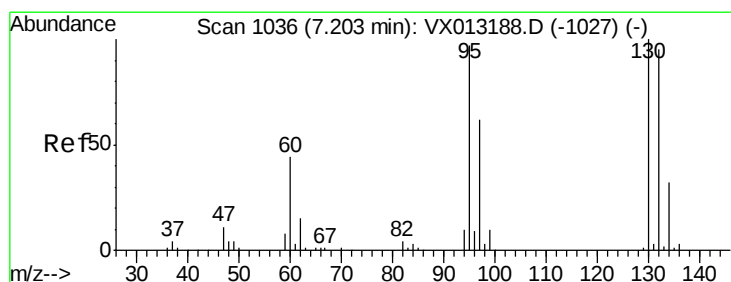
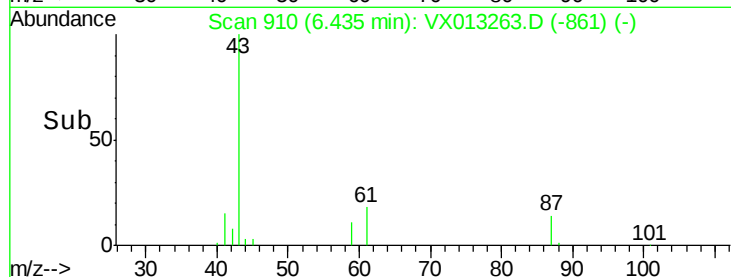
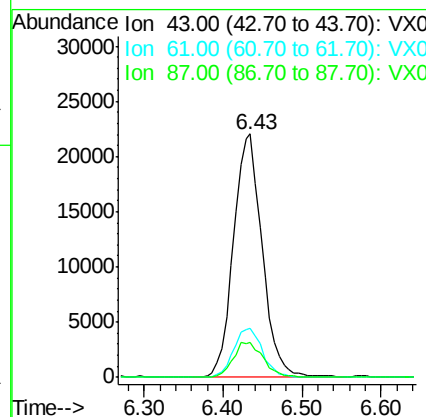
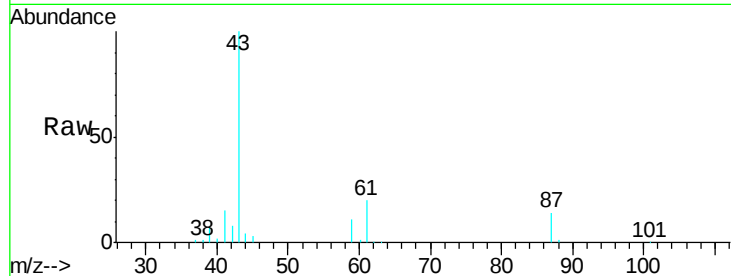
ClientSampleId :

VX1029WBS01

Tgt Ion:	43	Resp:	55842
Ion	Ratio	Lower	Upper
43	100		
61	20.1	17.0	25.4
87	14.9	12.1	18.1

Manual Integrations
APPROVED

MMDadoda
10/30/2019 10:49:10 AM



#44

Trichloroethene

Concen: 19.887 ug/l

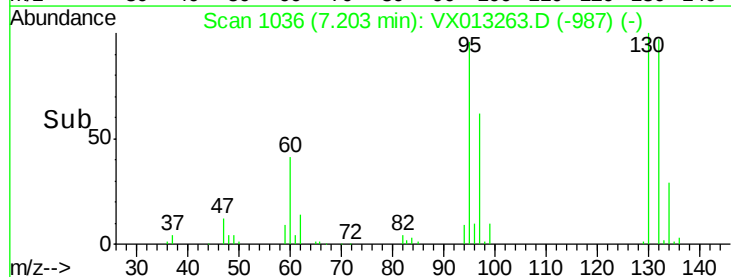
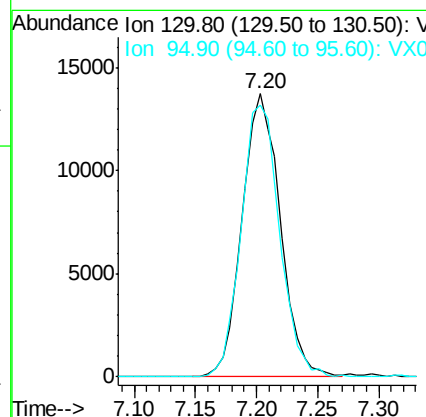
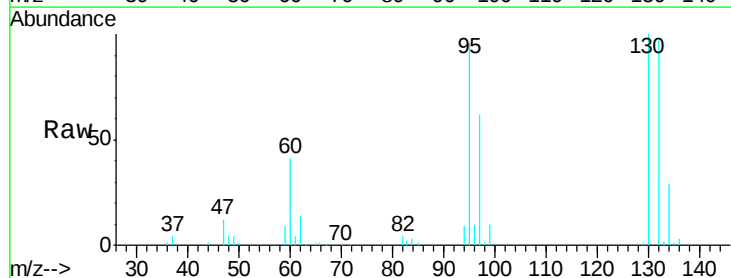
RT: 7.20 min Scan# 1036

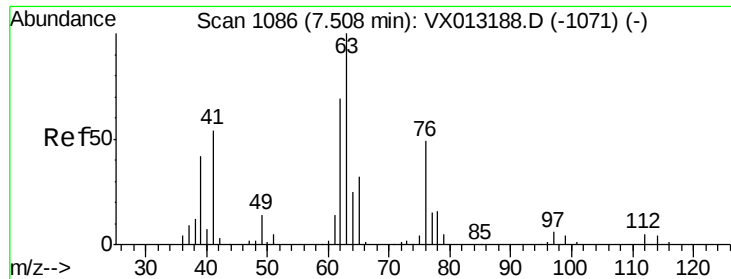
Delta R.T. -0.00 min

Lab File: VX013263.D

Acq: 29 Oct 2019 12:09

Tgt Ion:	130	Resp:	29755
Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	193.6





#45

1,2-Dichloropropane

Concen: 18.727 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013263.D

Acq: 29 Oct 2019 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX1029WBS01

Tgt Ion: 63 Resp: 24727

Ion Ratio Lower Upper

63 100

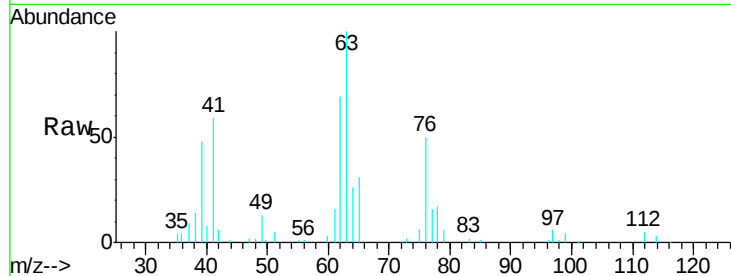
65 31.1 25.3 37.9

Manual Integrations

APPROVED

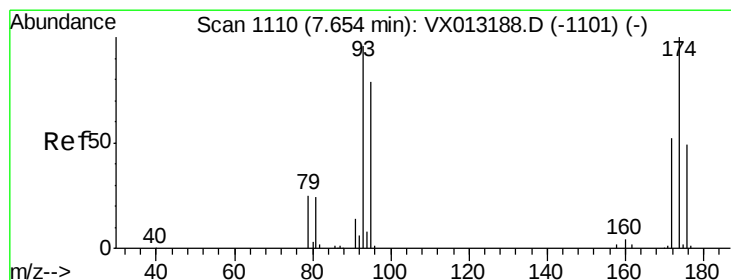
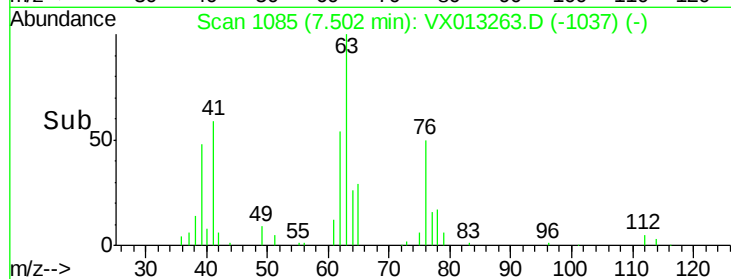
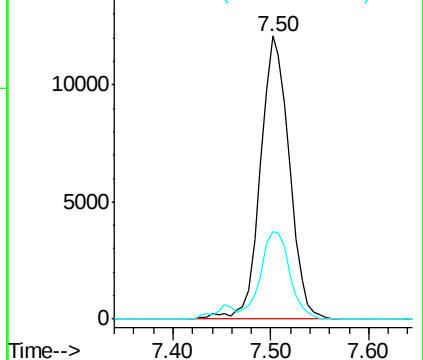
MMDadoda

10/30/2019 10:49:10 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.785 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013263.D

Acq: 29 Oct 2019 12:09

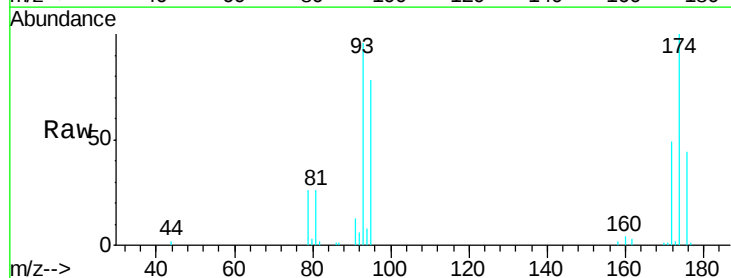
Tgt Ion: 93 Resp: 18821

Ion Ratio Lower Upper

93 100

95 83.2 66.2 99.4

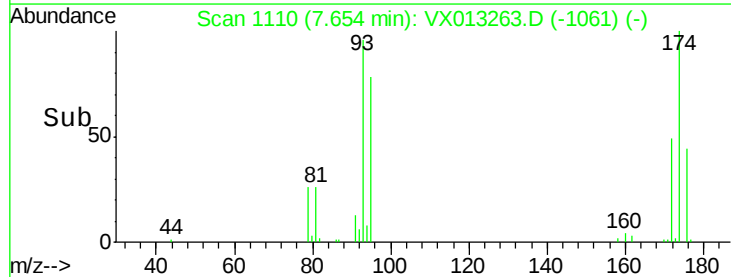
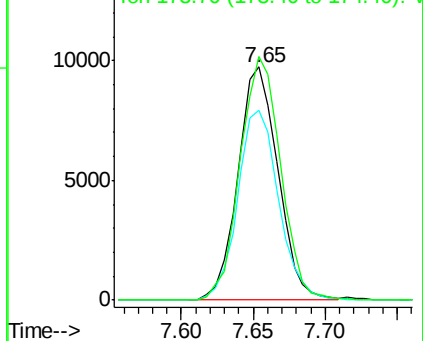
174 105.4 85.2 127.8

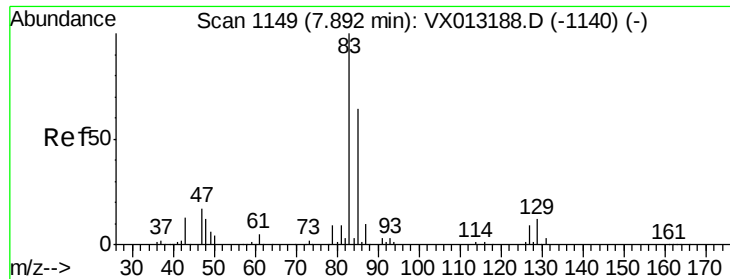


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.366 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013263.D

Acq: 29 Oct 2019 12:09

Instrument :

MSVOA_X

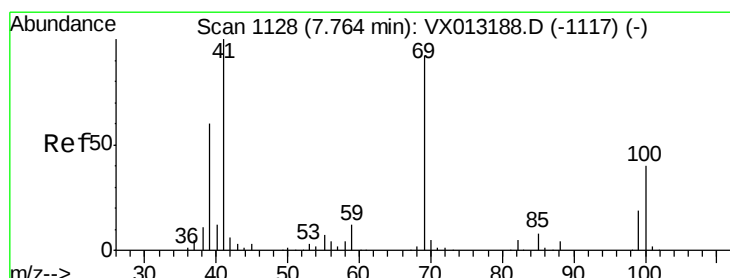
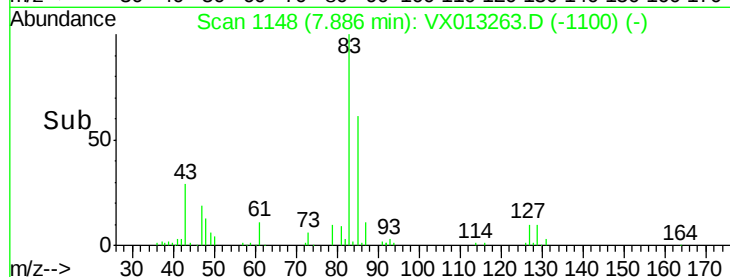
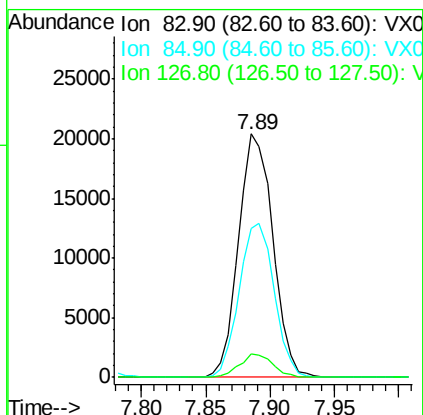
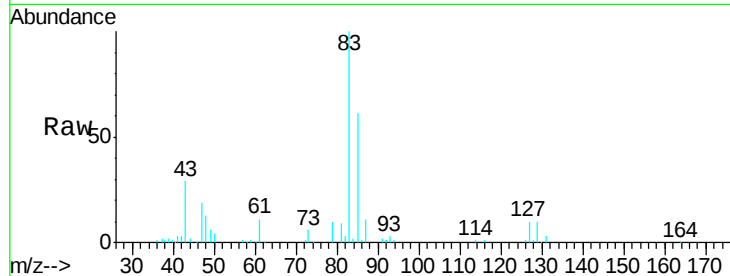
ClientSampleId :

VX1029WBS01

Tgt Ion:	83	Resp:	37756
Ion	Ratio	Lower	Upper
83	100		
85	61.3	51.0	76.6
127	9.6	7.2	10.8

Manual Integrations
APPROVED

MMDadoda
10/30/2019 10:49:10 AM



#48

Methyl methacrylate

Concen: 18.770 ug/l

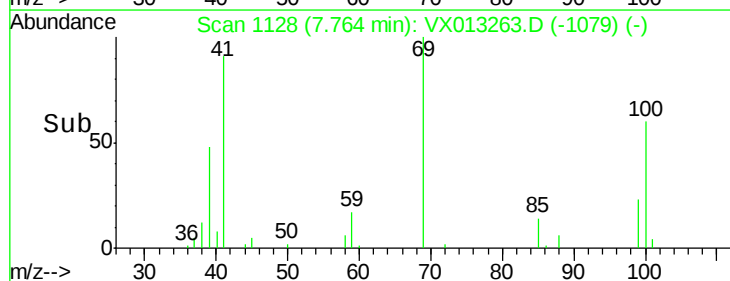
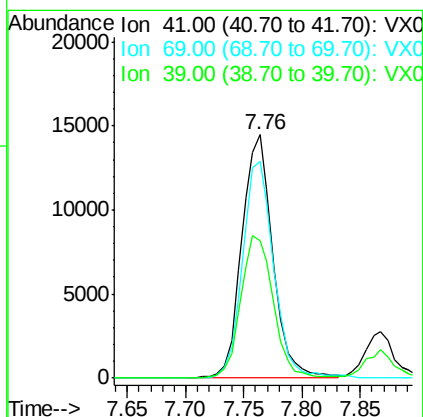
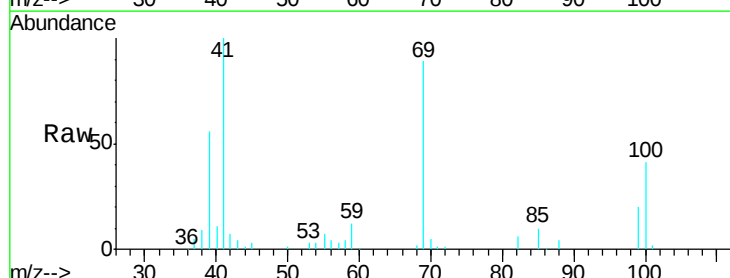
RT: 7.76 min Scan# 1128

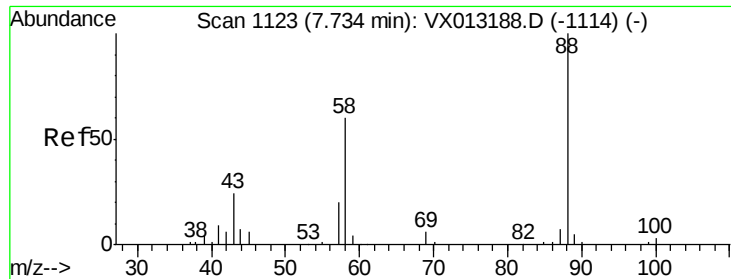
Delta R.T. -0.00 min

Lab File: VX013263.D

Acq: 29 Oct 2019 12:09

Tgt Ion:	41	Resp:	26939
Ion	Ratio	Lower	Upper
41	100		
69	89.8	72.0	108.0
39	61.7	47.4	71.0





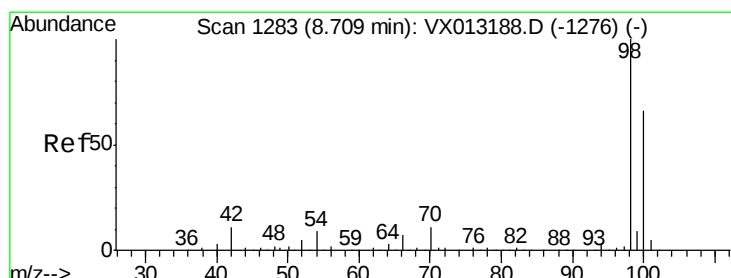
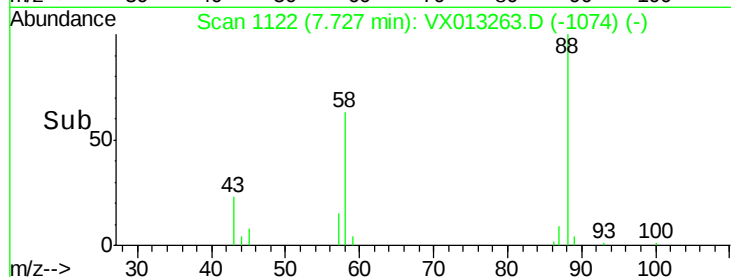
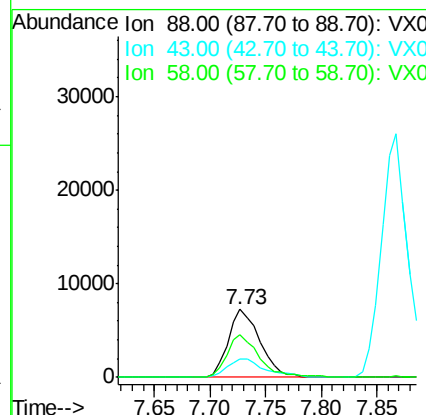
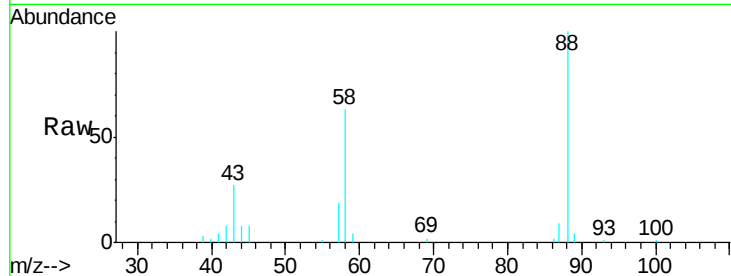
#49
1,4-Dioxane
Concen: 390.900 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBS01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	32.8	24.5	36.7
58	64.0	54.1	81.1

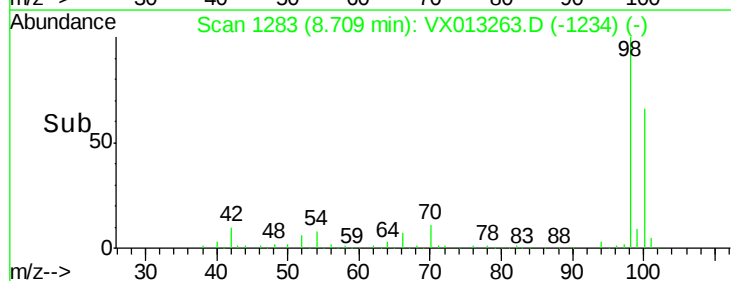
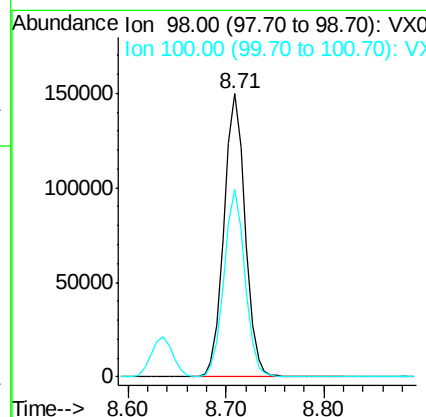
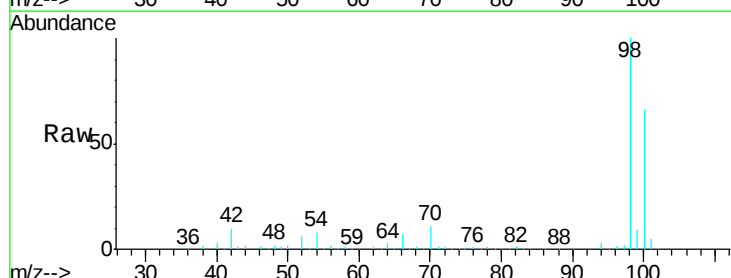
Manual Integrations
APPROVED

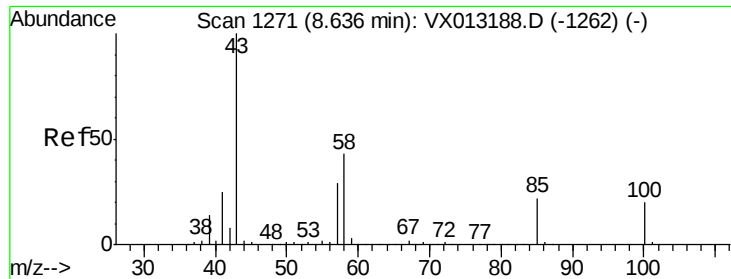
MMDadoda
10/30/2019 10:49:10 AM



#50
Toluene-d8
Concen: 52.125 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.3	79.9





#51

4-Methyl-2-Pentanone

Concen: 94.544 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX013263.D

Acq: 29 Oct 2019 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX1029WBS01

Tgt Ion: 43 Resp: 167341

Ion Ratio Lower Upper

43 100

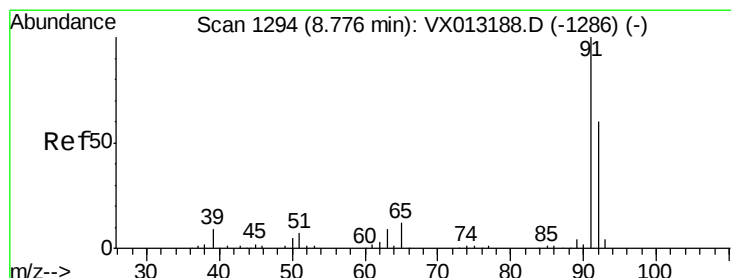
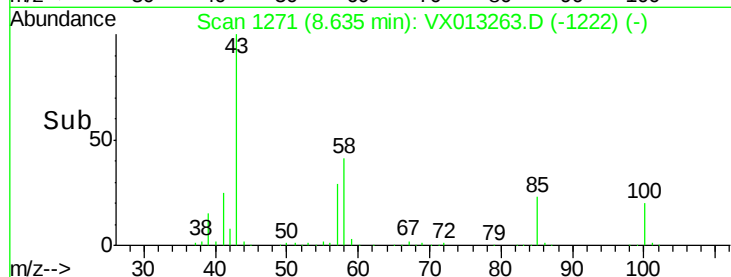
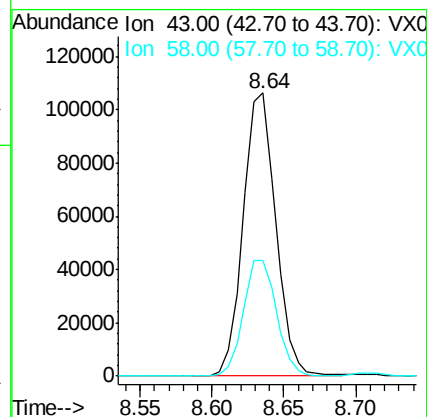
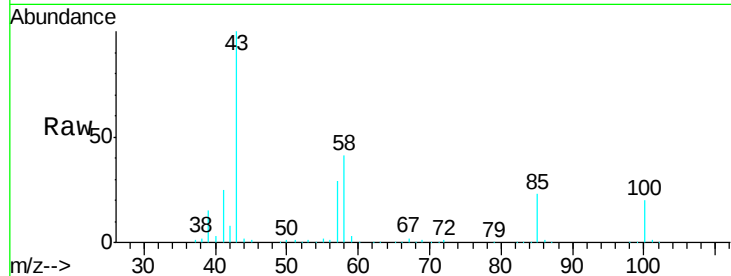
58 41.6 33.9 50.9

Manual Integrations

APPROVED

MMDadoda

10/30/2019 10:49:10 AM



#52

Toluene

Concen: 18.945 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX013263.D

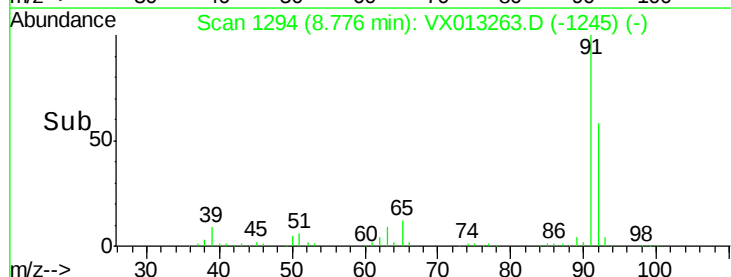
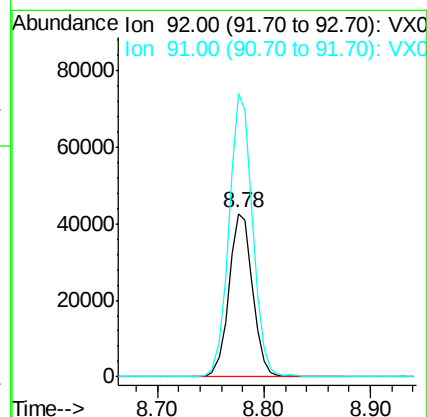
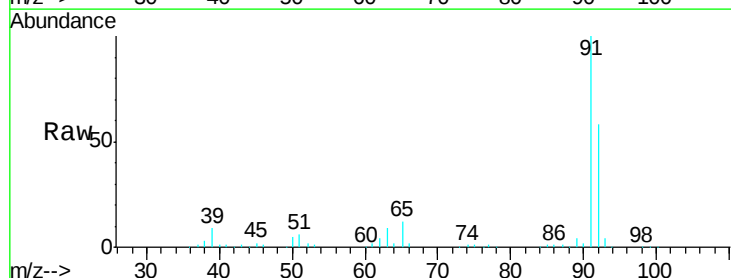
Acq: 29 Oct 2019 12:09

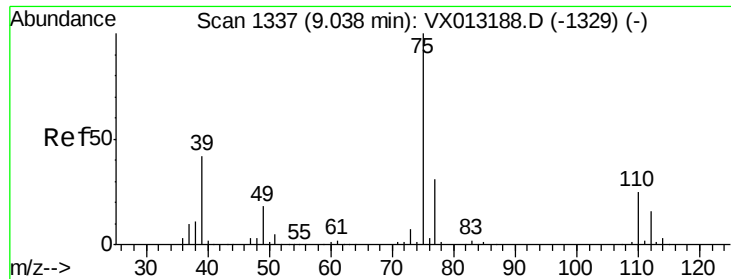
Tgt Ion: 92 Resp: 66189

Ion Ratio Lower Upper

92 100

91 172.9 133.9 200.9





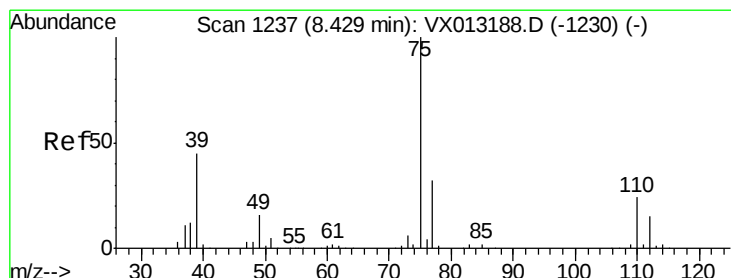
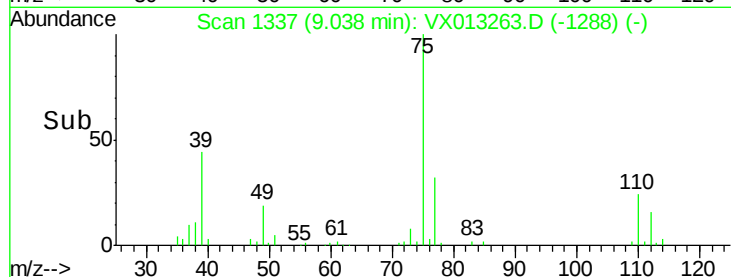
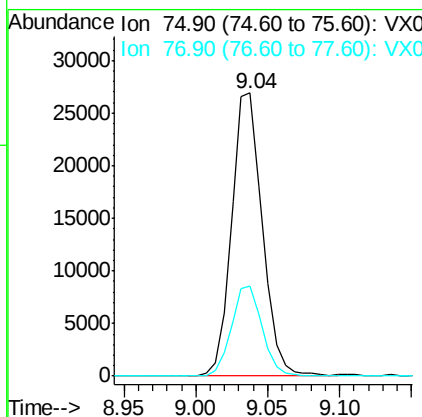
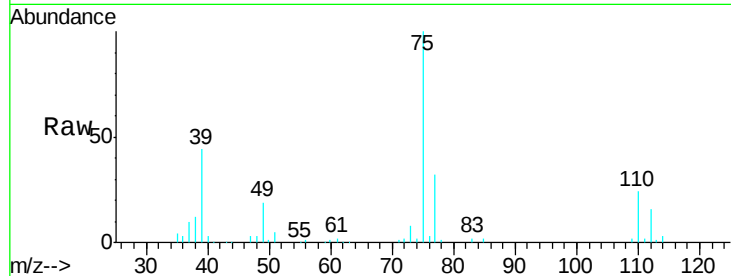
#53
t-1,3-Dichloropropene
Concen: 20.409 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBS01

Tgt Ion: 75 Resp: 40206
Ion Ratio Lower Upper
75 100
77 32.1 24.7 37.1

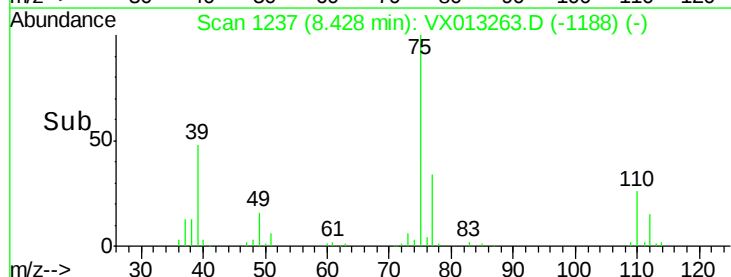
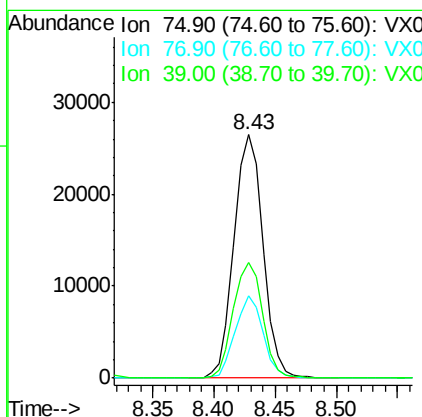
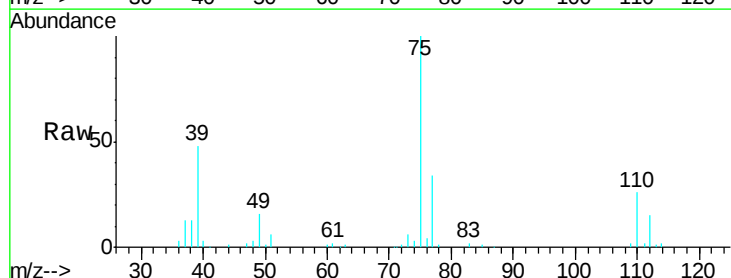
Manual Integrations
APPROVED

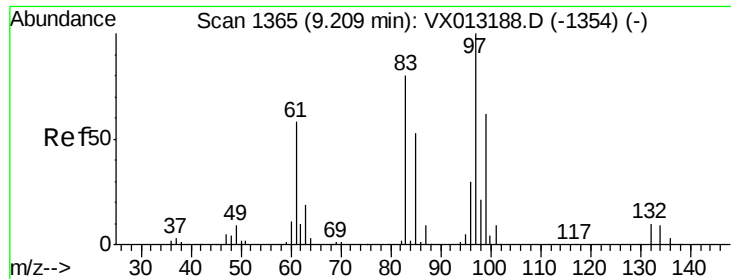
MMDadoda
10/30/2019 10:49:10 AM



#54
cis-1,3-Dichloropropene
Concen: 20.144 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Tgt Ion: 75 Resp: 43413
Ion Ratio Lower Upper
75 100
77 34.0 25.4 38.0
39 47.6 36.2 54.4





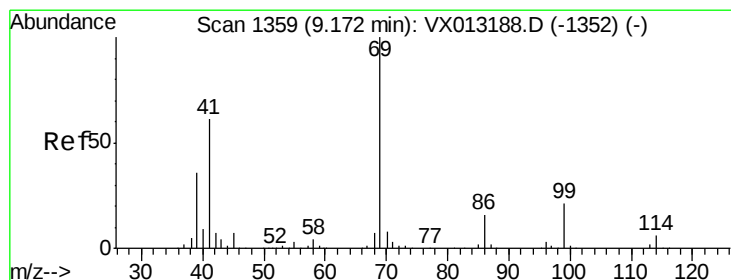
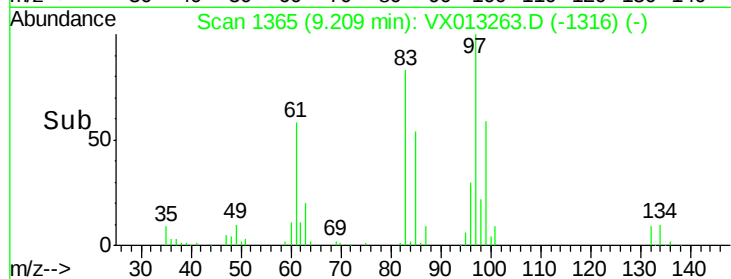
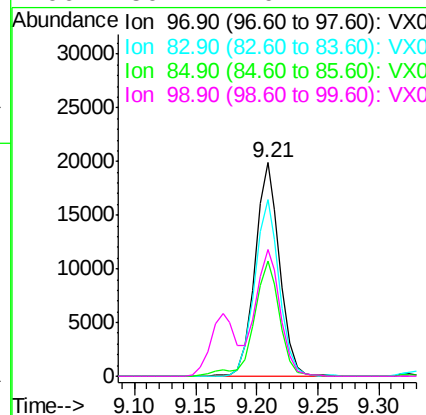
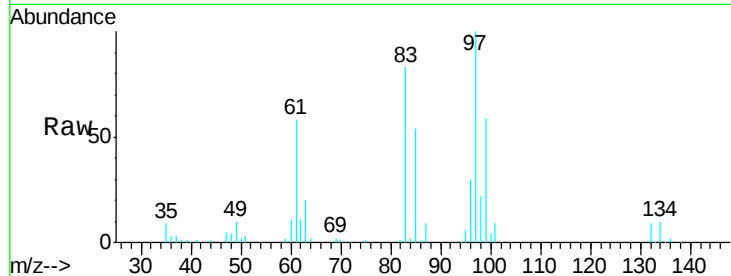
#55
 1,1,2-Trichloroethane
 Concen: 20.213 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013263.D
 Acq: 29 Oct 2019 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBS01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		27919		
83	82.8	64.1	96.1		
85	54.2	42.1	63.1		
99	59.1	49.4	74.2		

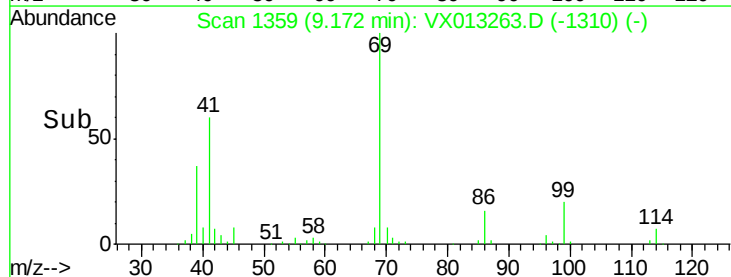
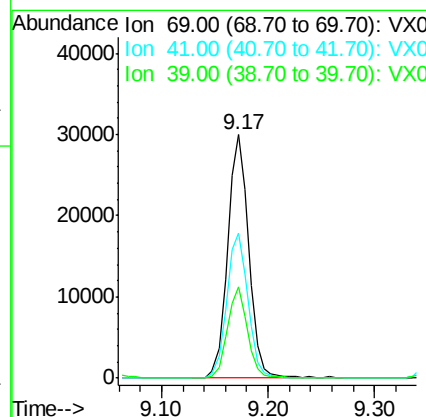
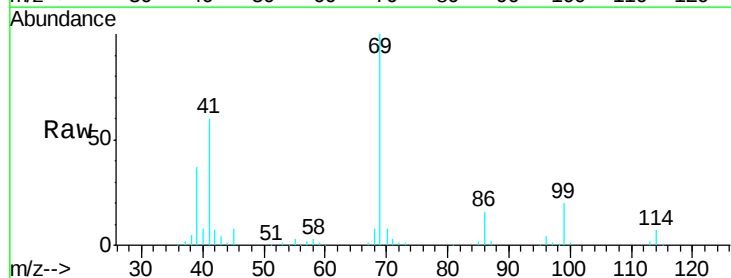
Manual Integrations
 APPROVED

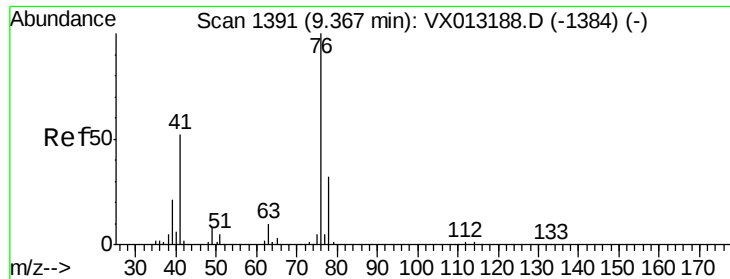
MMDadoda
 10/30/2019 10:49:10 AM



#56
 Ethyl methacrylate
 Concen: 20.001 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013263.D
 Acq: 29 Oct 2019 12:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		41579		
41	60.3	49.5	74.3		
39	35.7	28.3	42.5		





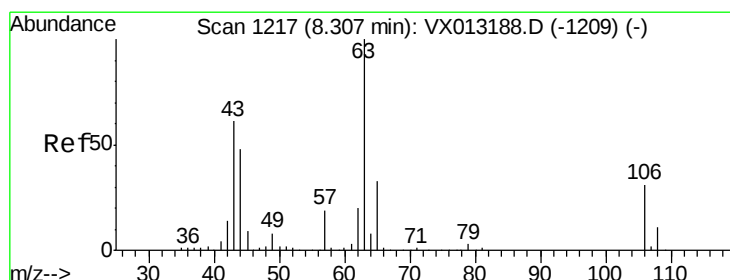
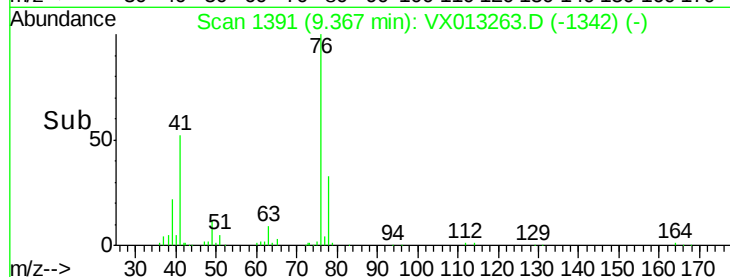
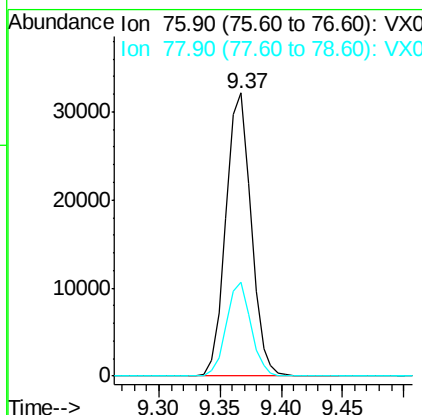
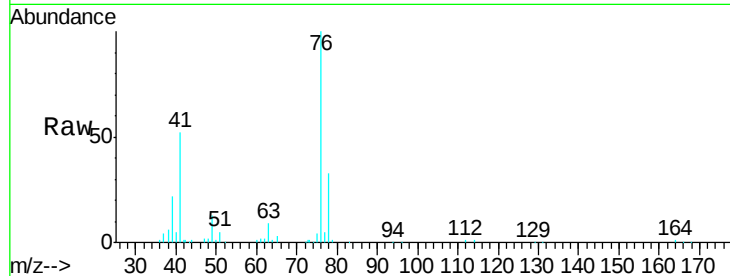
#57
 1,3-Dichloropropane
 Concen: 19.764 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. -0.00 min
 Lab File: VX013263.D
 Acq: 29 Oct 2019 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBS01

Tgt Ion: 76 Resp: 46062
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.1 39.1

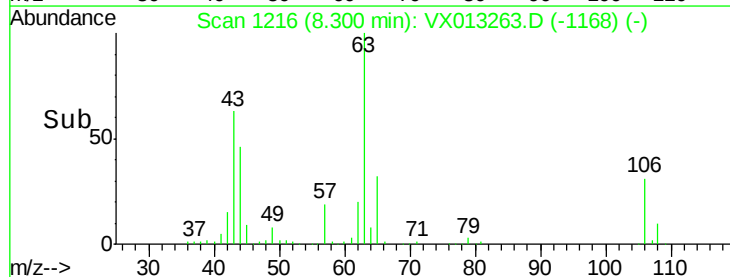
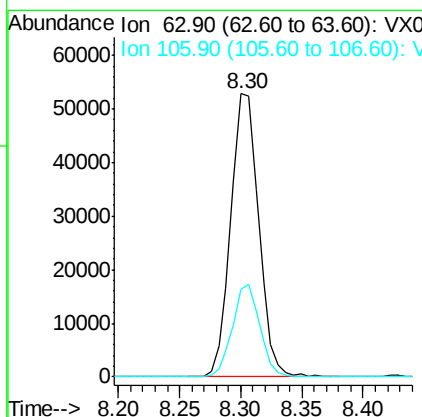
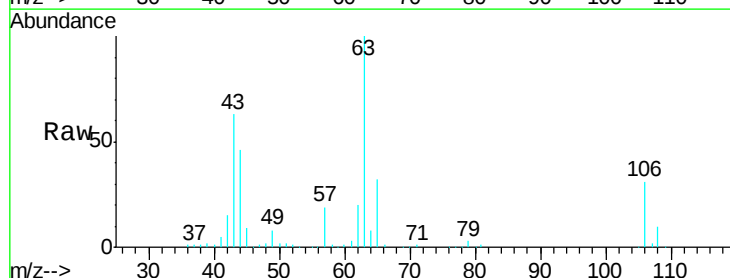
Manual Integrations
 APPROVED

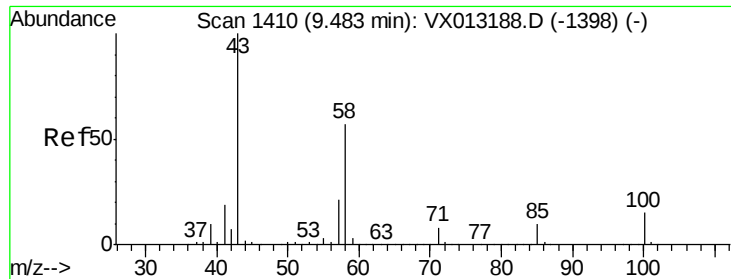
MMDadoda
 10/30/2019 10:49:10 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.095 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: VX013263.D
 Acq: 29 Oct 2019 12:09

Tgt Ion: 63 Resp: 83628
 Ion Ratio Lower Upper
 63 100
 106 32.0 25.4 38.0





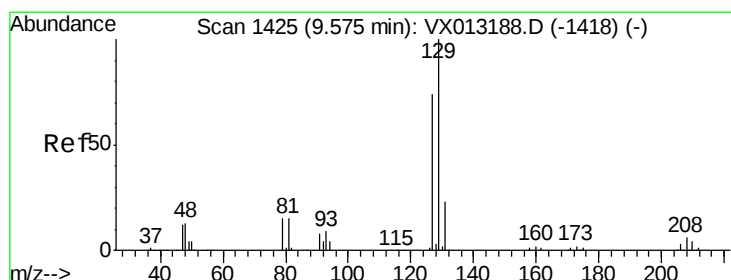
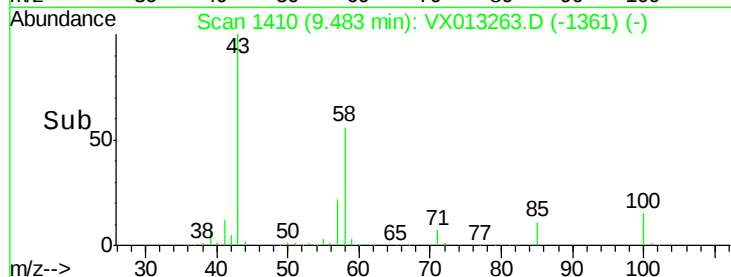
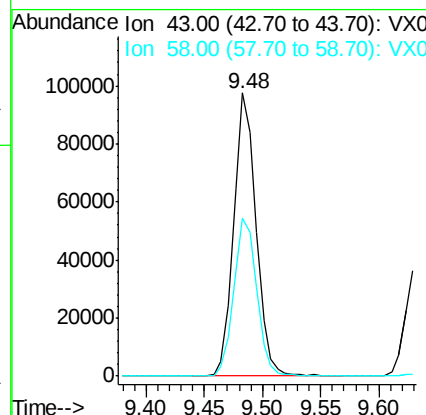
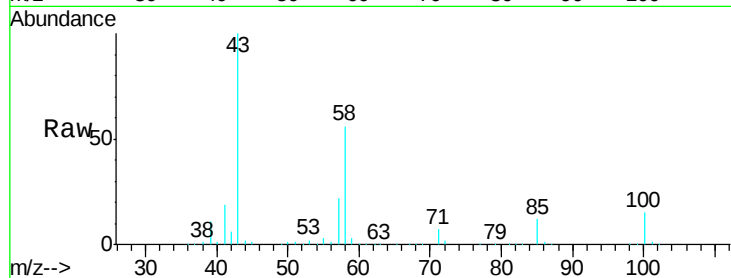
#59
2-Hexanone
Concen: 96.087 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBS01

Tgt Ion: 43 Resp: 131006
Ion Ratio Lower Upper
43 100
58 57.8 28.2 84.7

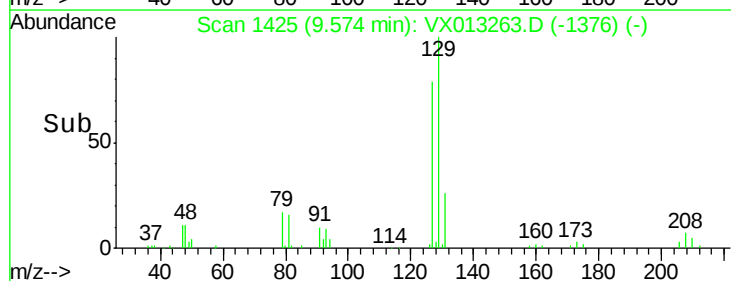
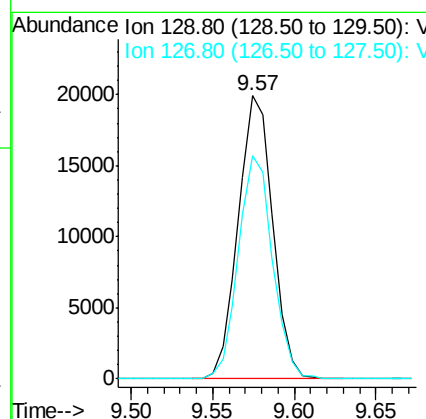
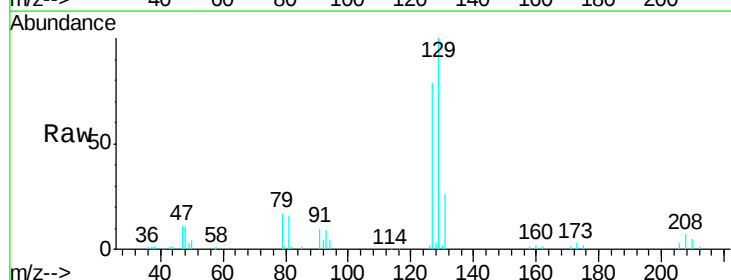
Manual Integrations
APPROVED

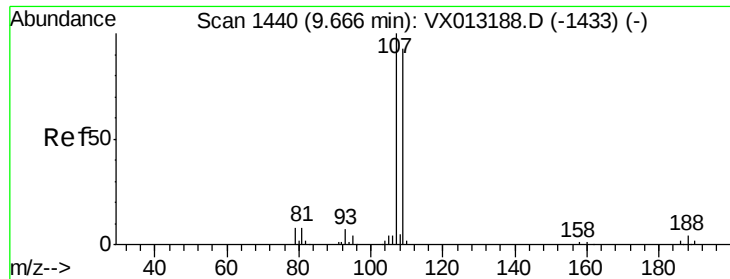
MMDadoda
10/30/2019 10:49:10 AM



#60
Dibromochloromethane
Concen: 20.269 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Tgt Ion: 129 Resp: 29336
Ion Ratio Lower Upper
129 100
127 78.3 38.2 114.6





#61

1,2-Dibromoethane

Concen: 20.064 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX013263.D

Acq: 29 Oct 2019 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX1029WBS01

Tgt Ion: 107 Resp: 29421

Ion Ratio Lower Upper

107 100

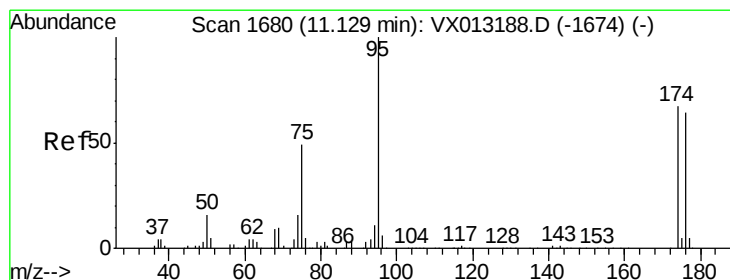
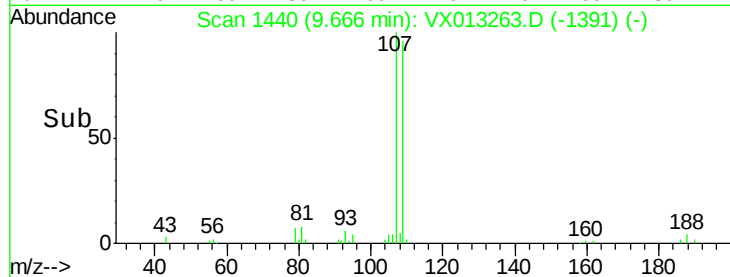
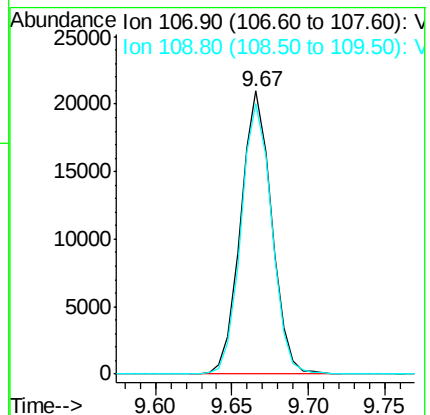
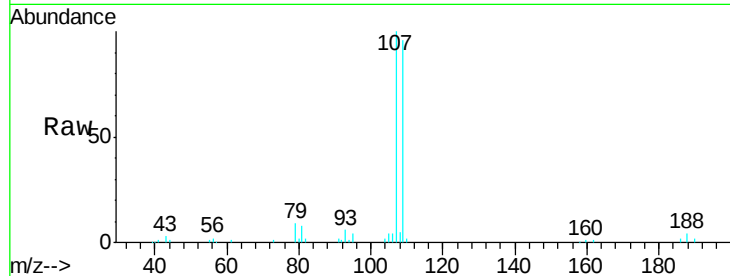
109 95.1 75.7 113.5

Manual Integrations

APPROVED

MMDadoda

10/30/2019 10:49:10 AM



#62

4-Bromofluorobenzene

Concen: 53.522 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013263.D

Acq: 29 Oct 2019 12:09

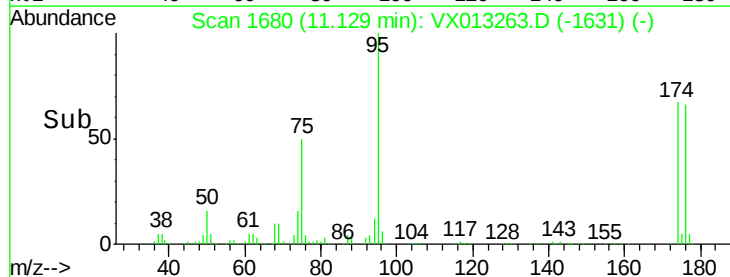
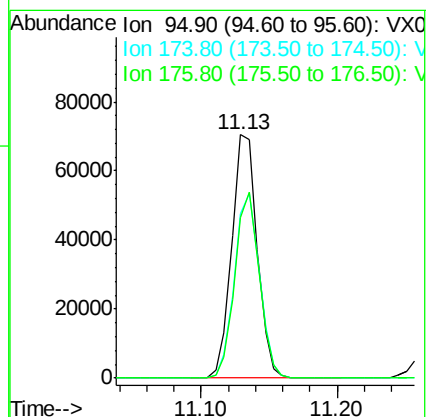
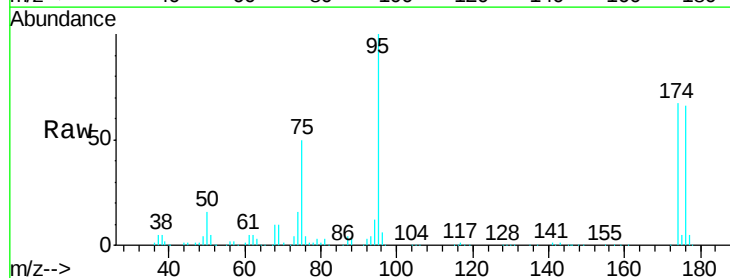
Tgt Ion: 95 Resp: 91883

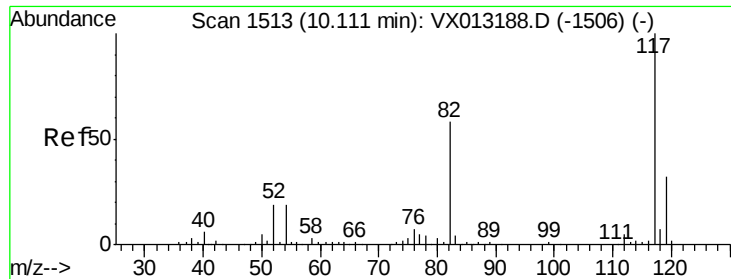
Ion Ratio Lower Upper

95 100

174 75.1 0.0 152.4

176 73.4 0.0 146.0





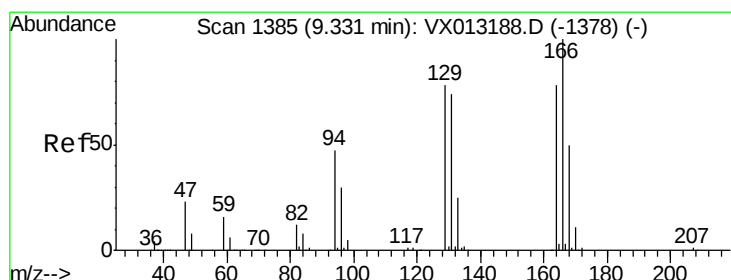
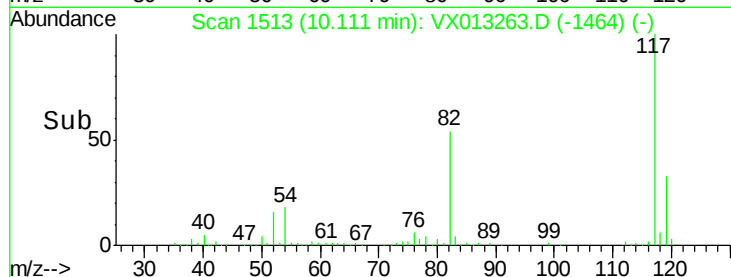
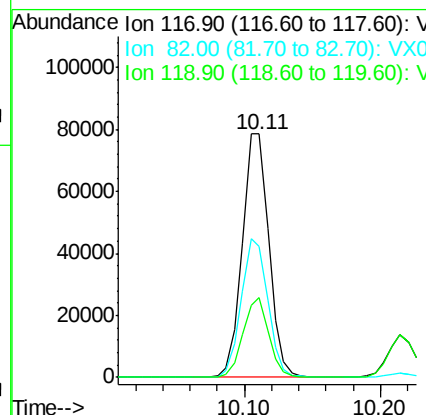
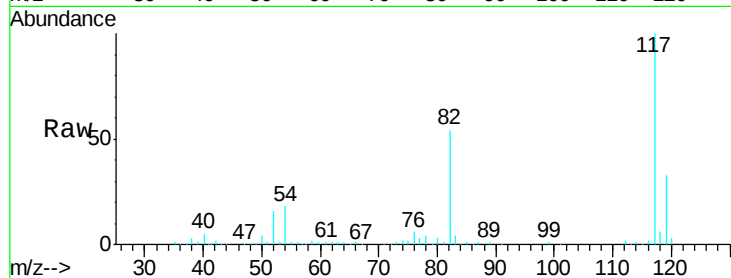
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
117	100		
82	53.6	46.5	69.7
119	32.6	25.2	37.8

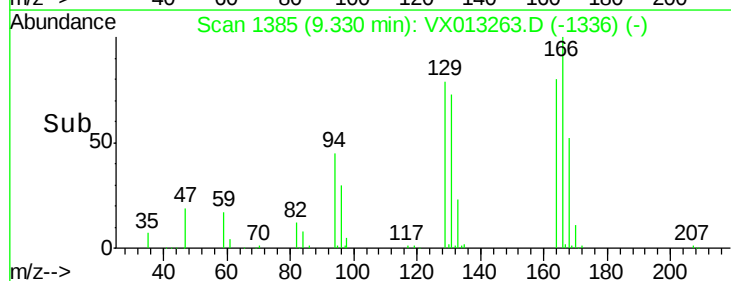
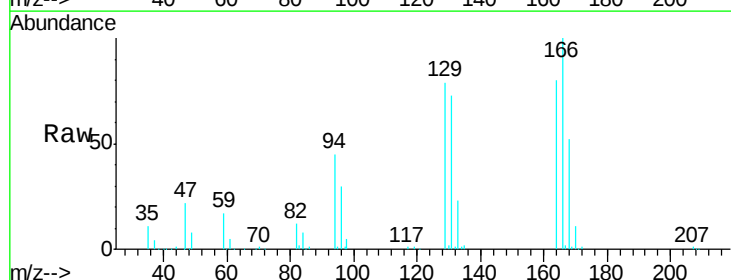
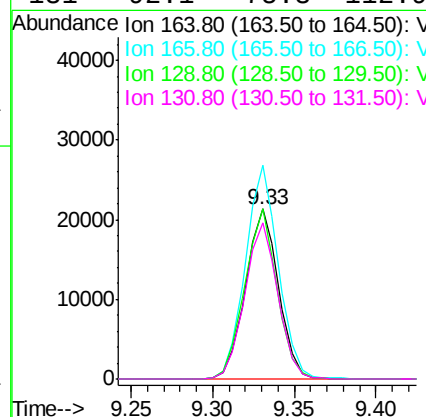
Manual Integrations
APPROVED

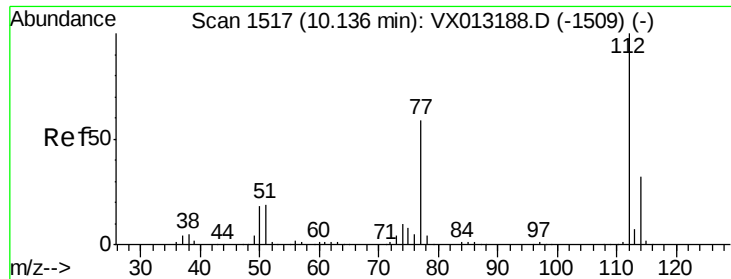
MMDadoda
10/30/2019 10:49:10 AM



#64
Tetrachloroethene
Concen: 21.578 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
164	100		
166	125.7	102.2	153.4
129	99.9	79.8	119.8
131	92.1	75.3	112.9





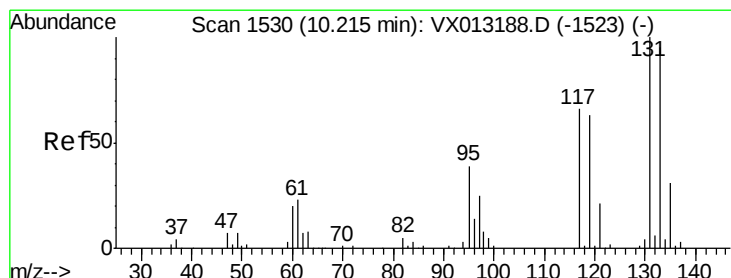
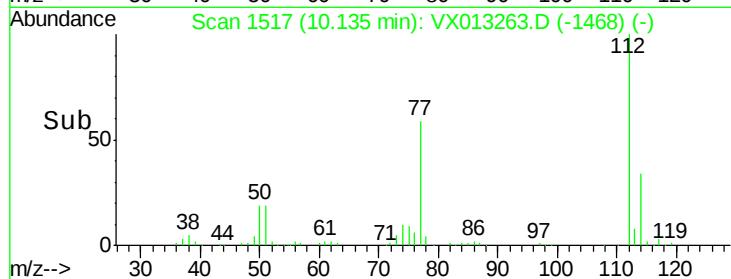
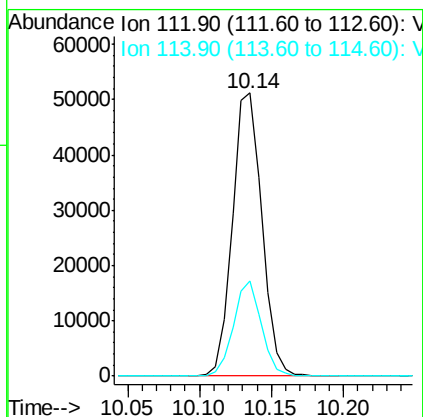
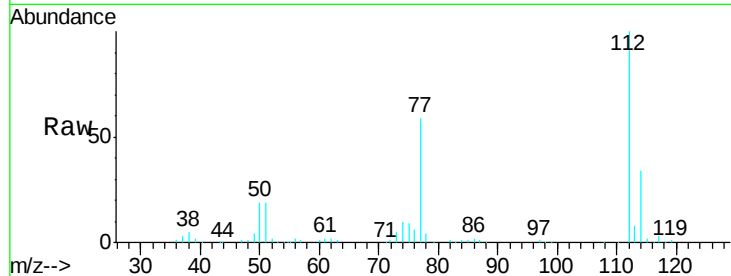
#65
Chlorobenzene
Concen: 19.572 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBS01

Tgt Ion:112 Resp: 73430
Ion Ratio Lower Upper
112 100
114 33.5 25.8 38.8

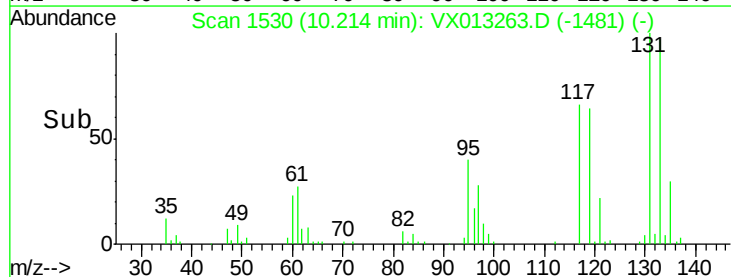
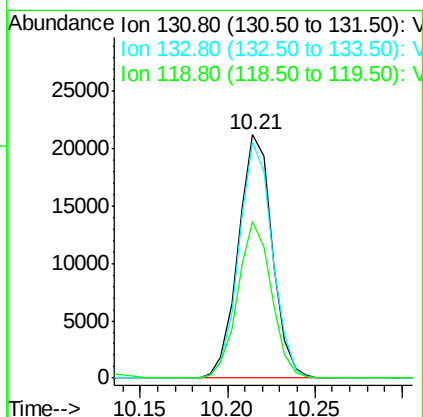
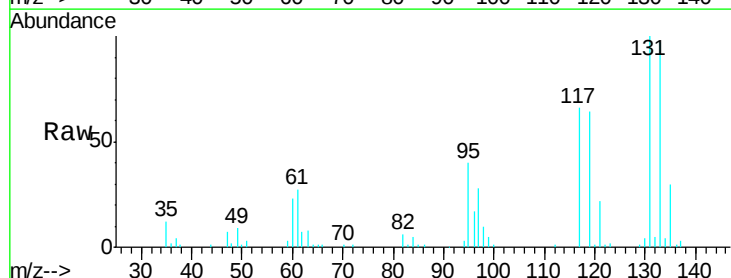
Manual Integrations
APPROVED

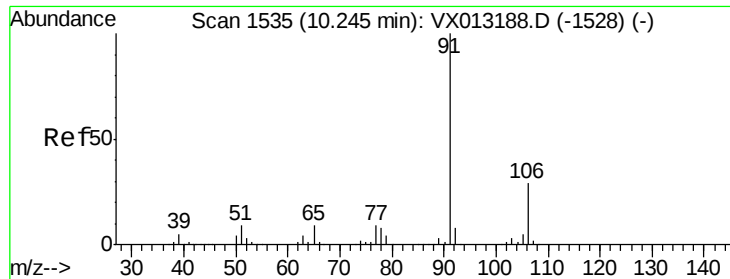
MMDadoda
10/30/2019 10:49:10 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.594 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Tgt Ion:131 Resp: 28543
Ion Ratio Lower Upper
131 100
133 95.5 48.4 145.2
119 63.8 32.4 97.0





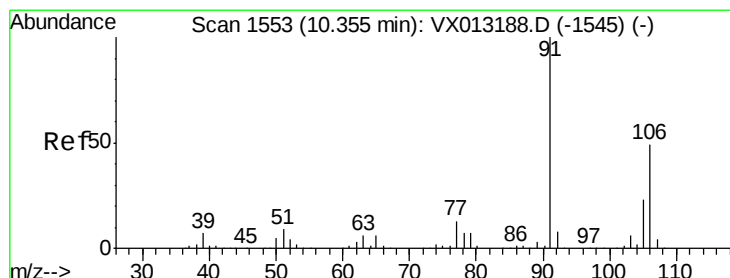
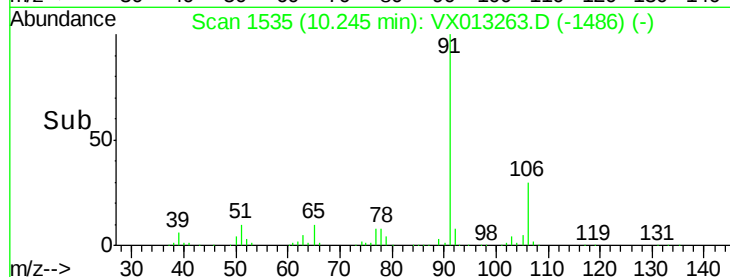
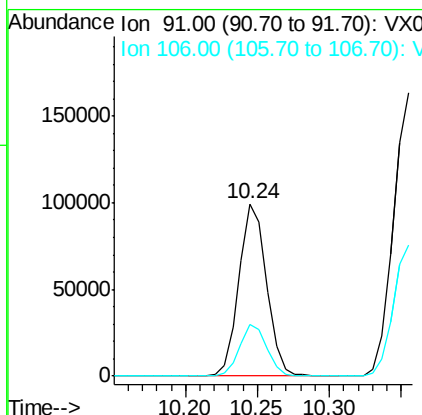
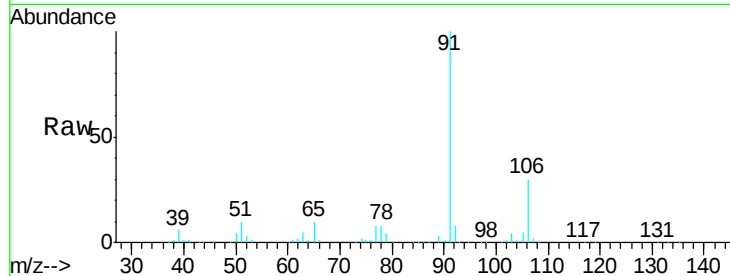
#67
Ethyl Benzene
Concen: 19.751 ug/l
RT: 10.24 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBS01

Tgt Ion: 91 Resp: 132662
Ion Ratio Lower Upper
91 100
106 30.1 23.5 35.3

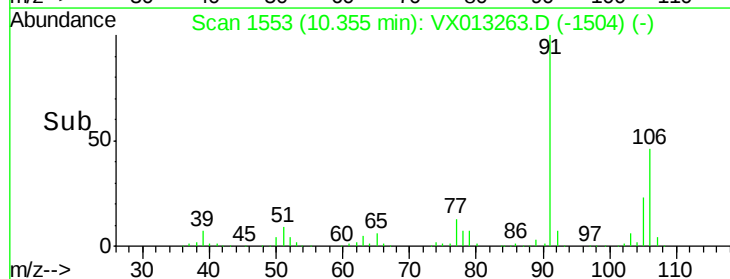
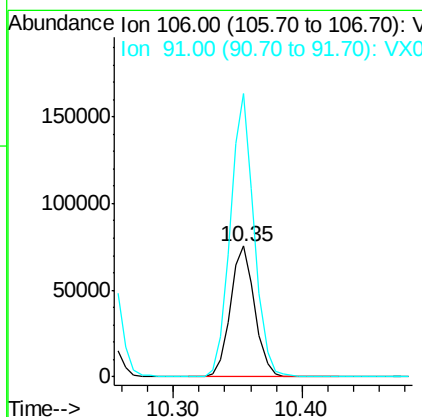
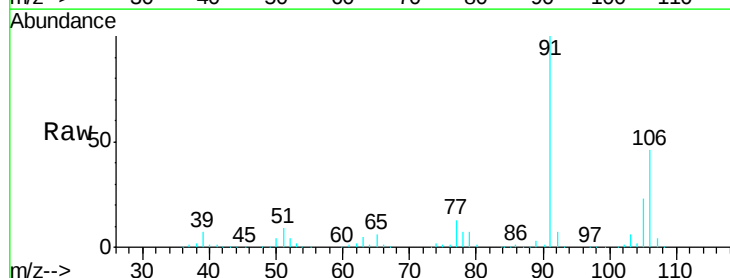
Manual Integrations
APPROVED

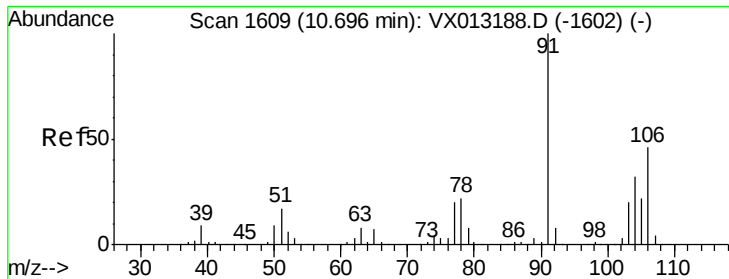
MMDadoda
10/30/2019 10:49:10 AM



#68
m/p-Xylenes
Concen: 39.180 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Tgt Ion: 106 Resp: 99452
Ion Ratio Lower Upper
106 100
91 212.0 166.8 250.2





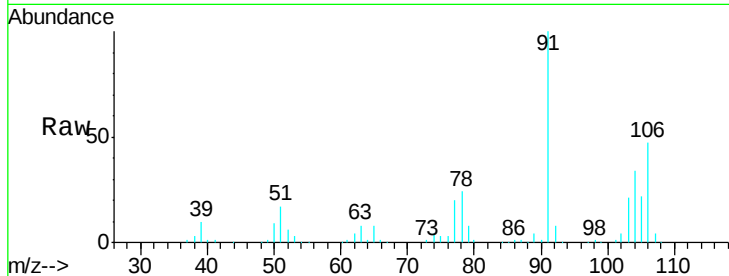
#69
o-Xylene
Concen: 19.457 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBS01

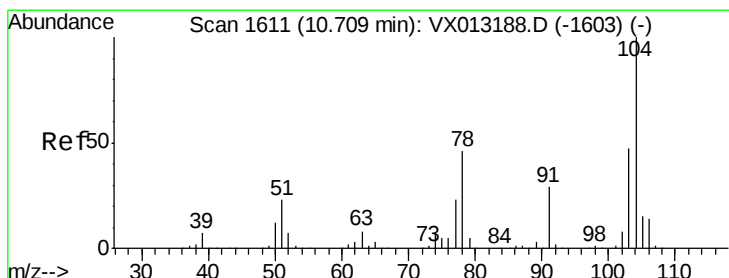
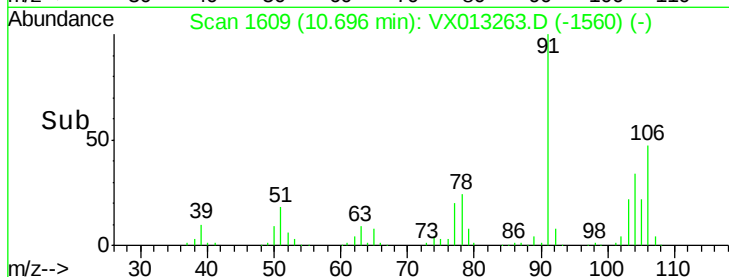
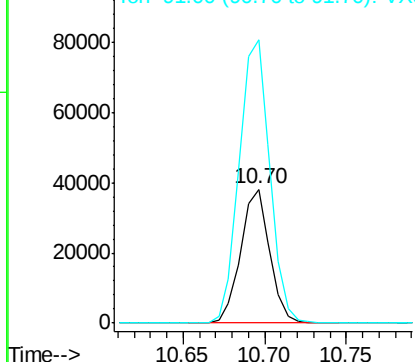
Tgt Ion:106 Resp: 47378
Ion Ratio Lower Upper
106 100
91 223.3 110.7 331.9

Manual Integrations
APPROVED

MMDadoda
10/30/2019 10:49:10 AM

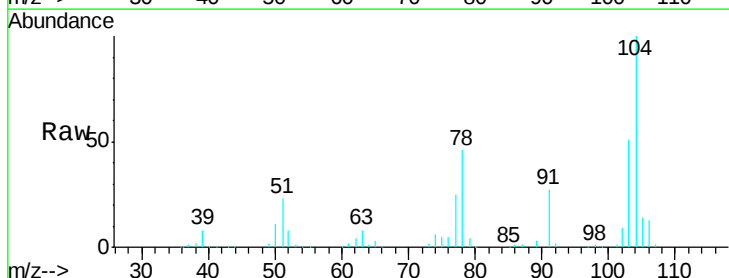


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

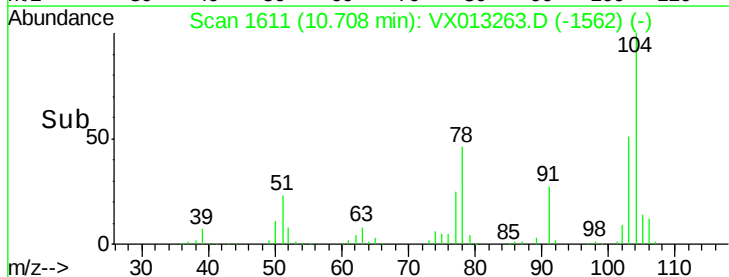
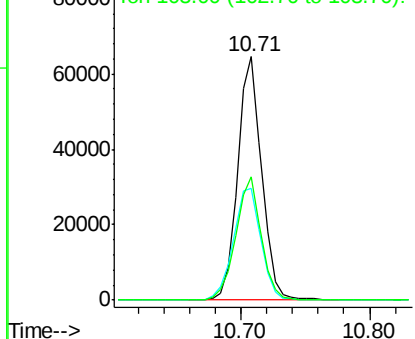


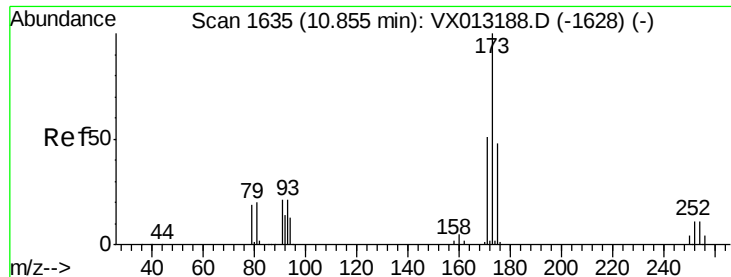
#70
Styrene
Concen: 19.793 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Tgt Ion:104 Resp: 82988
Ion Ratio Lower Upper
104 100
78 53.6 42.2 63.4
103 53.8 42.8 64.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





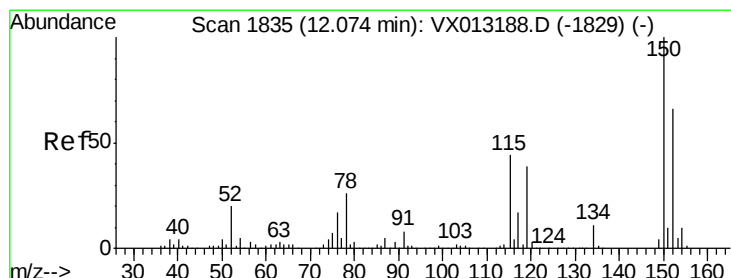
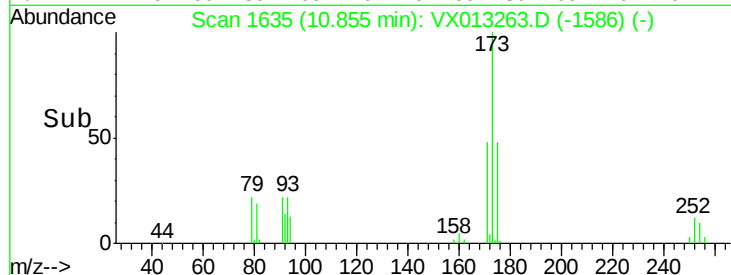
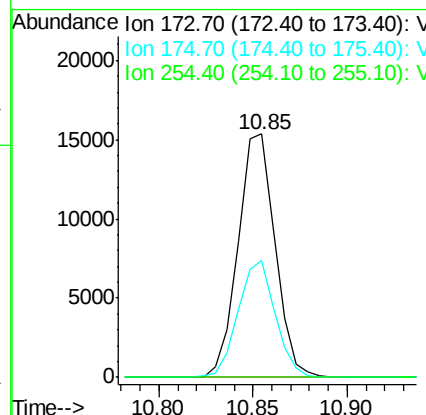
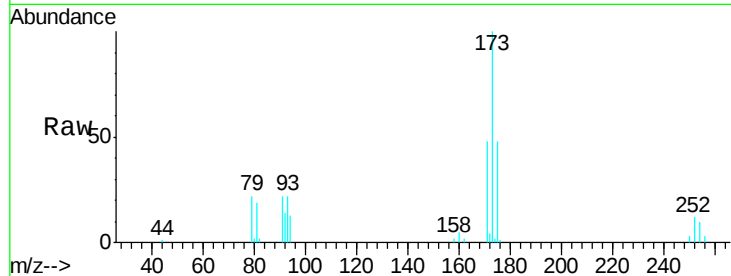
#71
Bromoform
Concen: 20.666 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBS01

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.3	72.8
254	0.0	0.1	0.1#

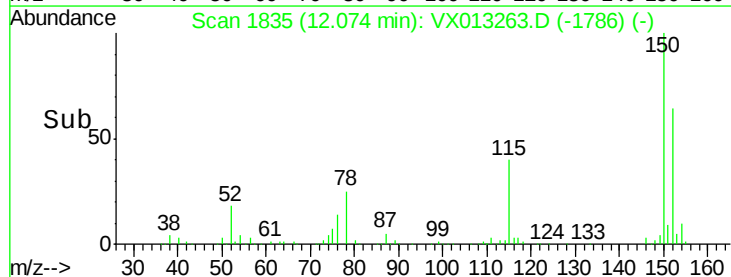
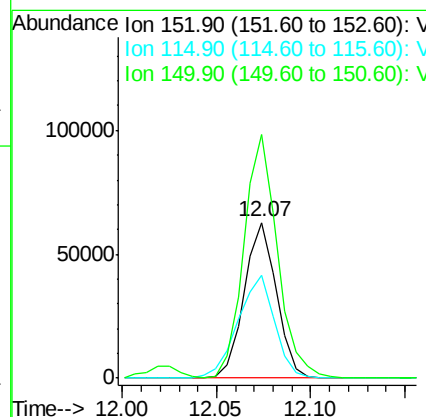
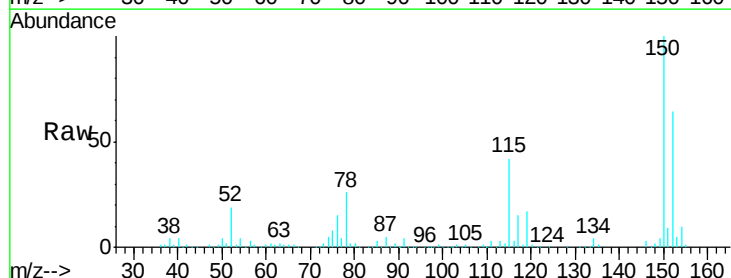
Manual Integrations
APPROVED

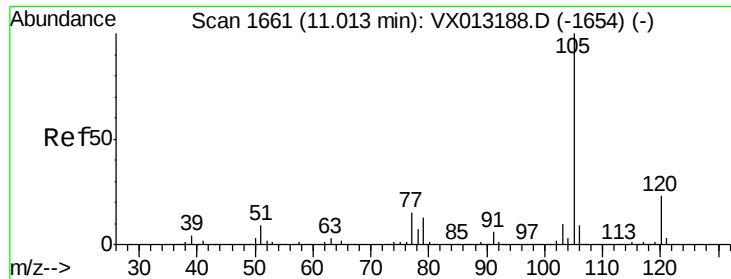
MMDadoda
10/30/2019 10:49:10 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Tgt Ion	Ratio	Lower	Upper
152	100		
115	75.6	46.6	139.8
150	163.0	0.0	354.0





#73

Isopropylbenzene

Concen: 19.863 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013263.D

Acq: 29 Oct 2019 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX1029WBS01

Tgt Ion: 105 Resp: 134231

Ion Ratio Lower Upper

105 100

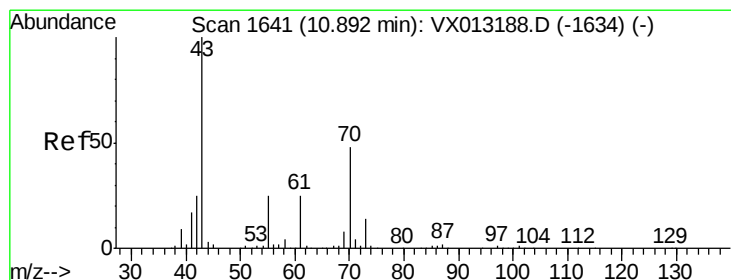
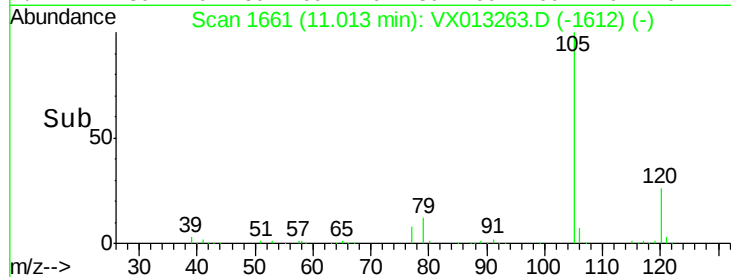
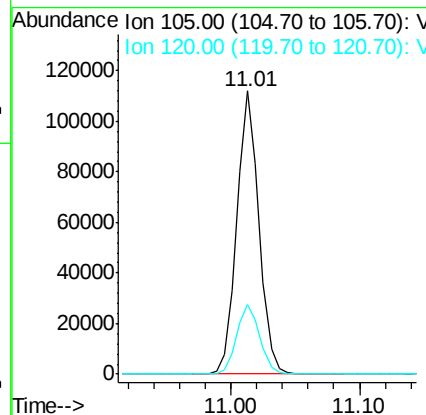
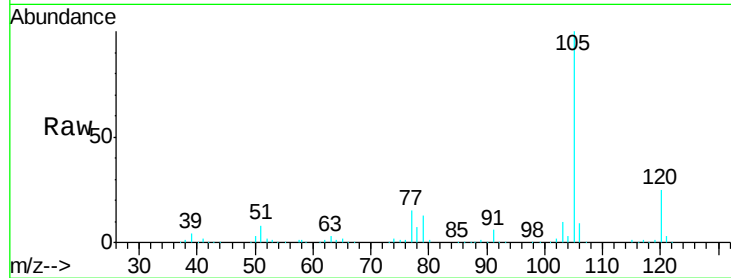
120 25.7 12.6 37.8

Manual Integrations

APPROVED

MMDadoda

10/30/2019 10:49:10 AM



#74

N-ethyl acetate

Concen: 18.531 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013263.D

Acq: 29 Oct 2019 12:09

Tgt Ion: 43 Resp: 45964

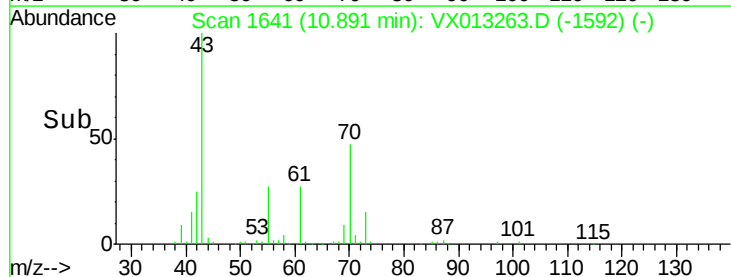
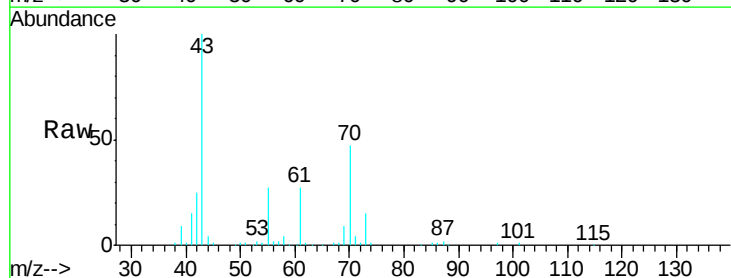
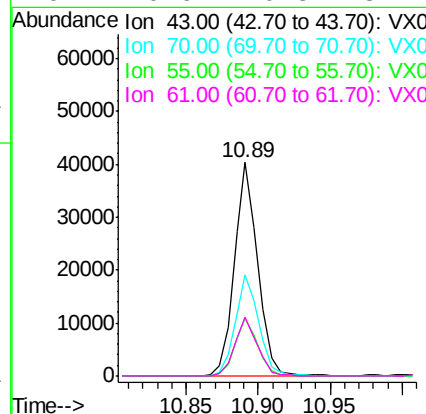
Ion Ratio Lower Upper

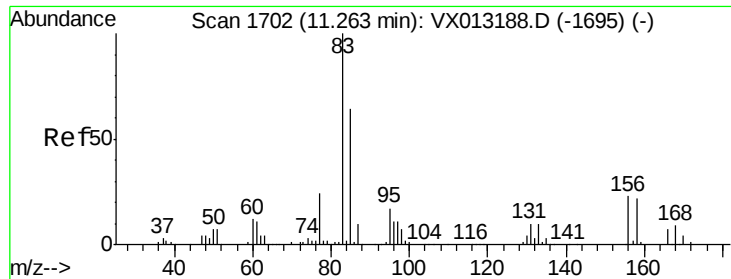
43 100

70 47.9 38.5 57.7

55 26.7 20.7 31.1

61 26.6 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.564 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013263.D

Acq: 29 Oct 2019 12:09

Instrument :

MSVOA_X

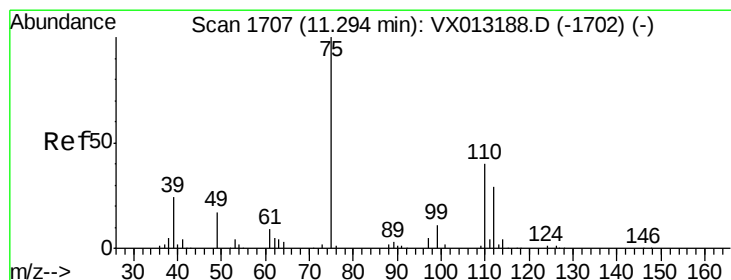
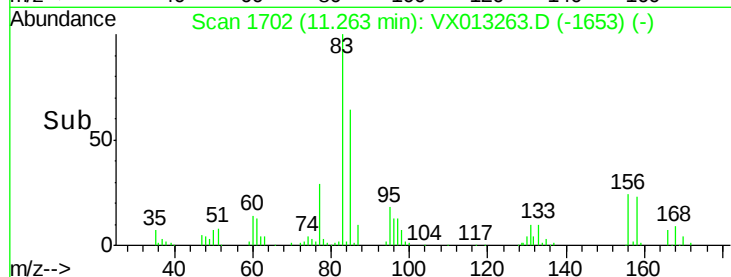
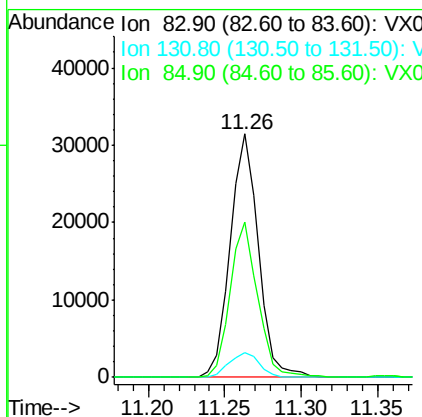
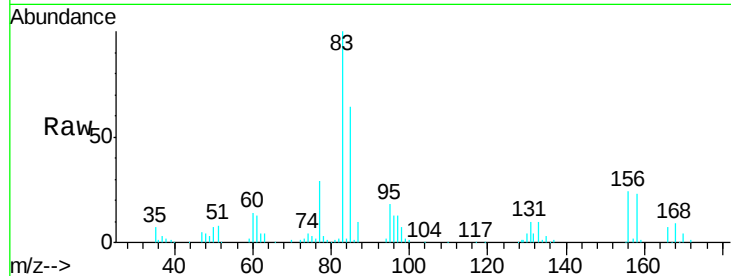
ClientSampleId :

VX1029WBS01

Tgt Ion:	83	Resp:	40145
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.3	16.1
85	62.5	31.4	94.3

Manual Integrations
APPROVED

MMDadoda
10/30/2019 10:49:10 AM



#76

1,2,3-Trichloropropane

Concen: 18.603 ug/l m

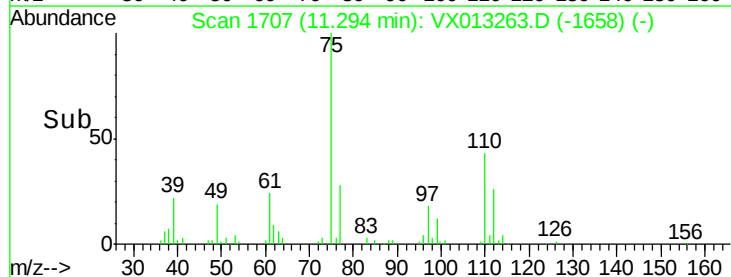
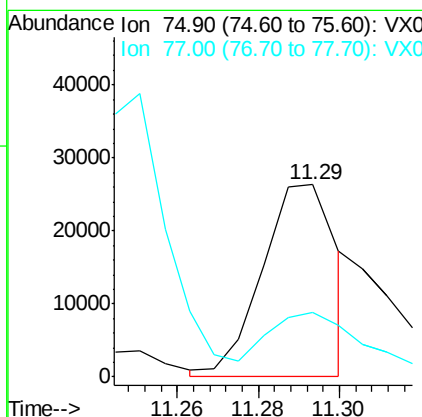
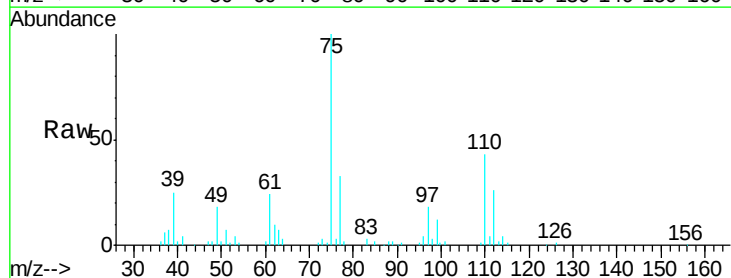
RT: 11.29 min Scan# 1707

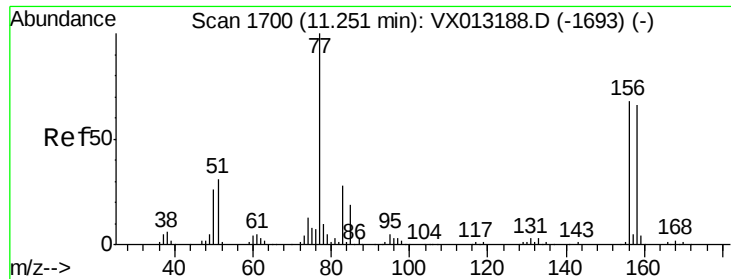
Delta R.T. -0.00 min

Lab File: VX013263.D

Acq: 29 Oct 2019 12:09

Tgt Ion:	75	Resp:	33366
Ion Ratio	Lower	Upper	
75	100		
77	44.3	19.1	57.5





#77

Bromobenzene

Concen: 19.163 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013263.D

Acq: 29 Oct 2019 12:09

Instrument :

MSVOA_X

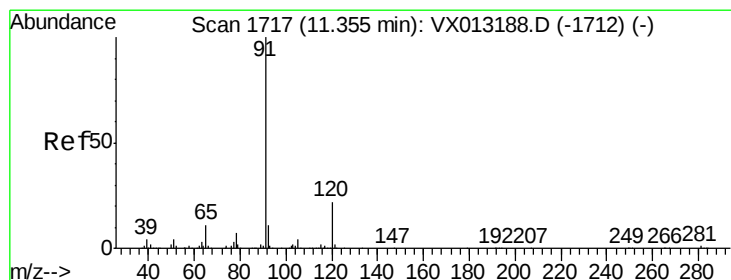
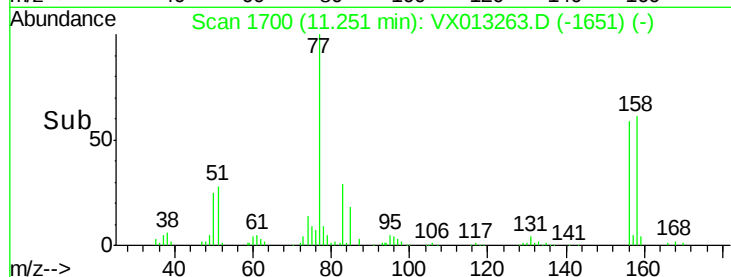
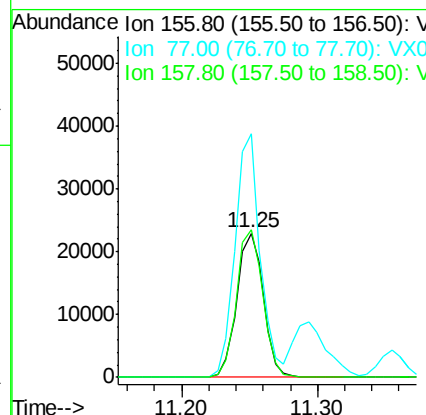
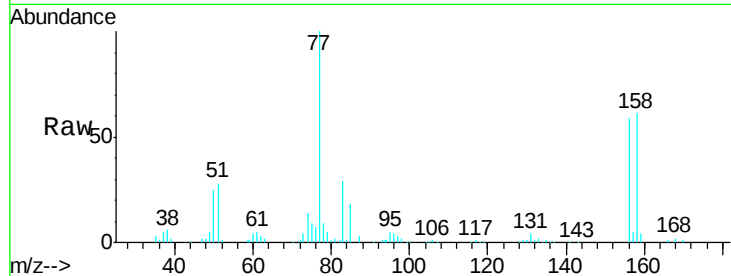
ClientSampleId :

VX1029WBS01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	161.2	81.7	245.1
158	101.5	49.6	148.8

Manual Integrations
APPROVED

MMDadoda
10/30/2019 10:49:10 AM



#78

n-propylbenzene

Concen: 19.376 ug/l

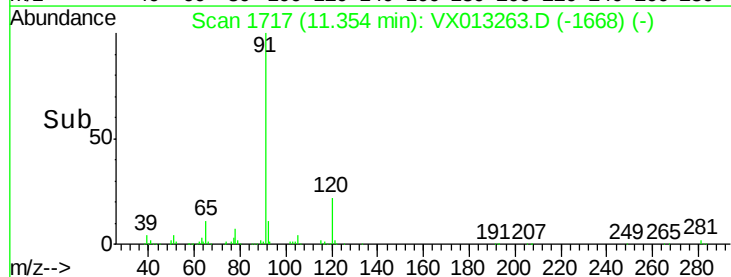
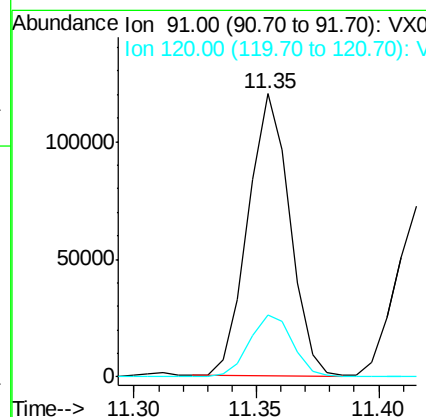
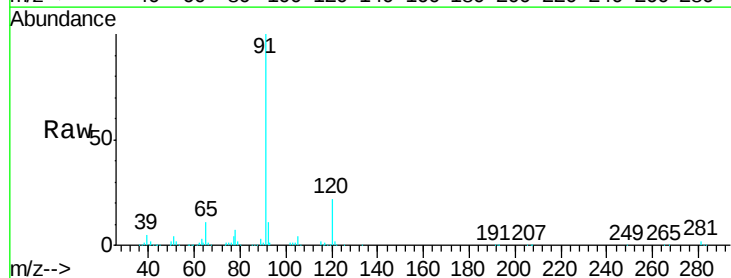
RT: 11.35 min Scan# 1717

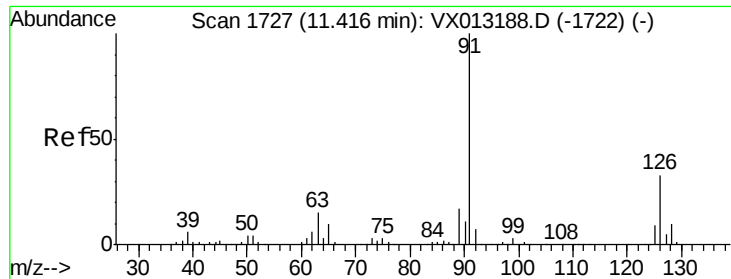
Delta R.T. -0.00 min

Lab File: VX013263.D

Acq: 29 Oct 2019 12:09

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	11.4	34.1





#79

2-Chlorotoluene

Concen: 18.828 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013263.D

Acq: 29 Oct 2019 12:09

Instrument :

MSVOA_X

ClientSampleId :

VX1029WBS01

Tgt Ion: 91 Resp: 87328

Ion Ratio Lower Upper

91 100

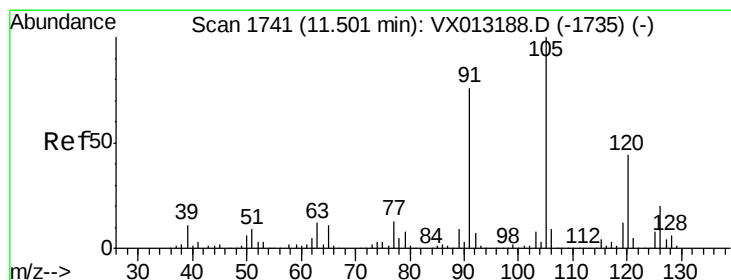
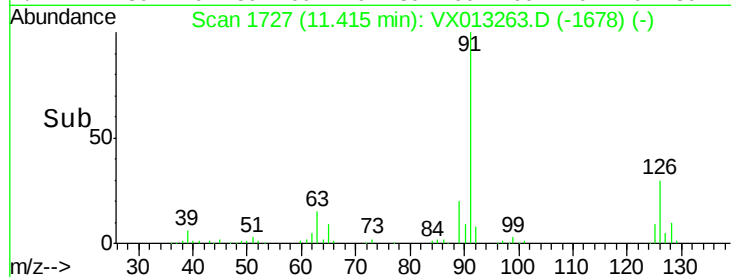
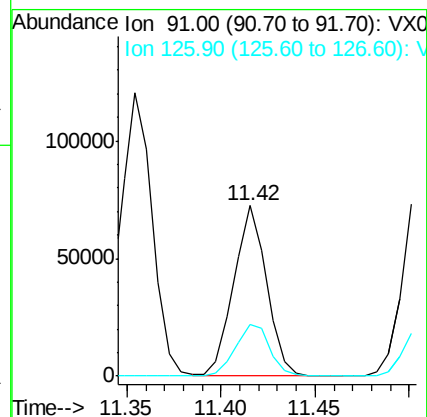
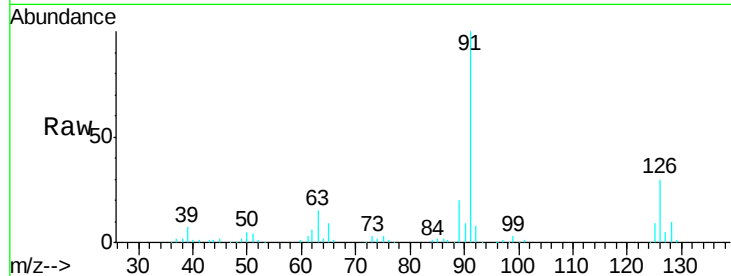
126 32.0 16.3 48.8

Manual Integrations

APPROVED

MMDadoda

10/30/2019 10:49:10 AM



#80

1,3,5-Trimethylbenzene

Concen: 19.802 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013263.D

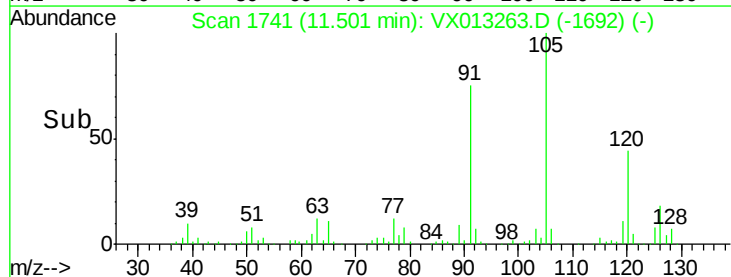
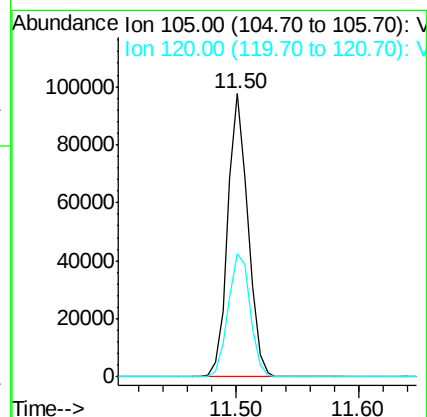
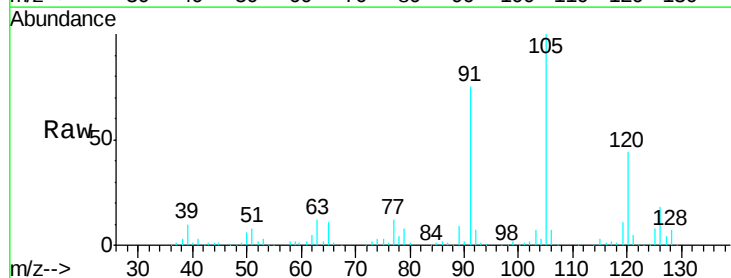
Acq: 29 Oct 2019 12:09

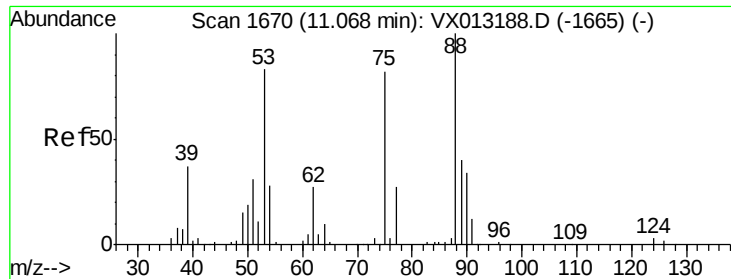
Tgt Ion: 105 Resp: 111228

Ion Ratio Lower Upper

105 100

120 47.3 23.4 70.0





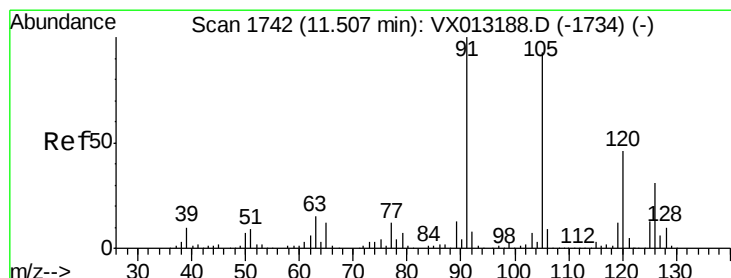
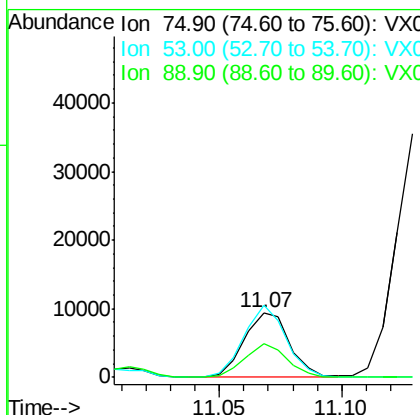
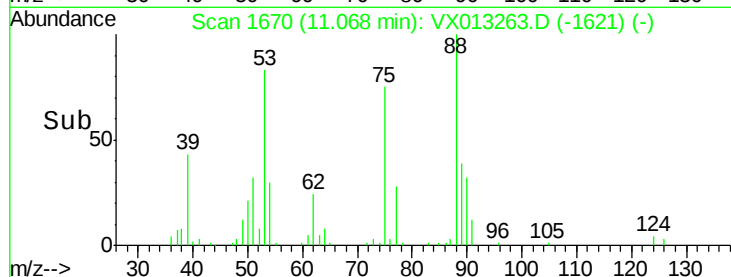
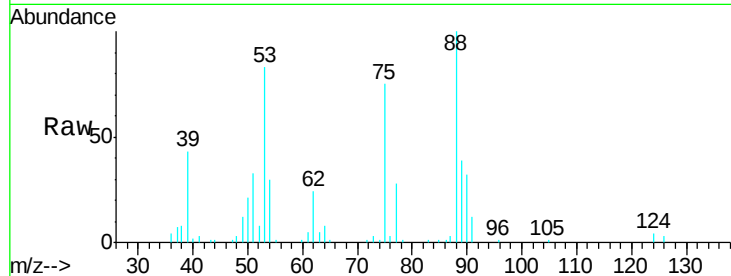
#81
trans-1,4-Dichloro-2-butene
Concen: 18.742 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBS01

Tgt Ion	Ratio	Lower	Upper
75	100		
53	103.0	77.9	116.9
89	48.4	37.3	55.9

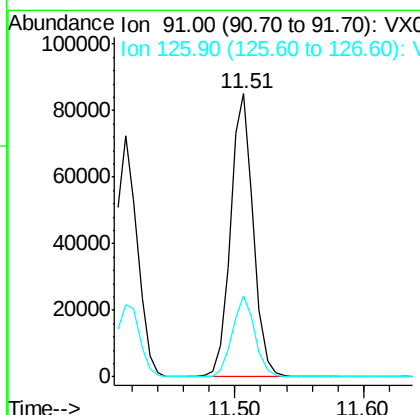
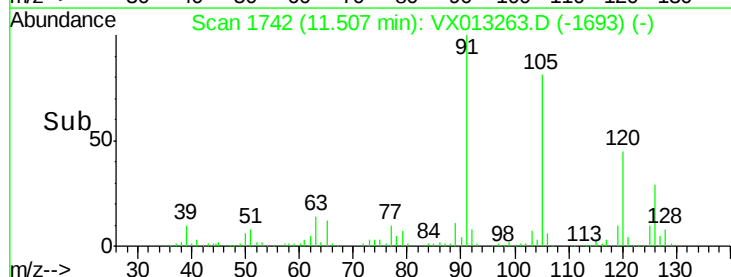
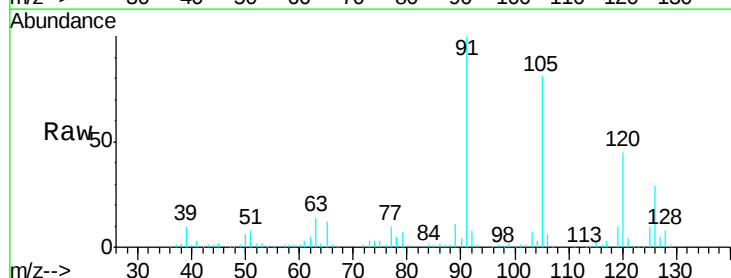
Manual Integrations
APPROVED

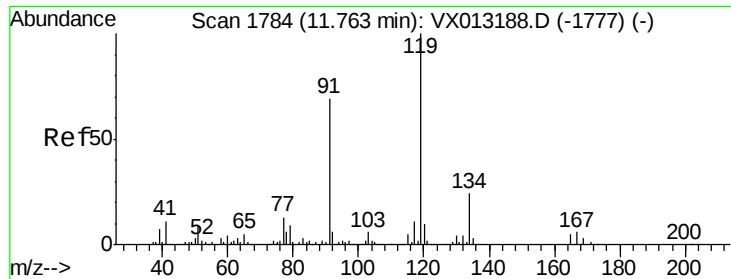
MMDadoda
10/30/2019 10:49:10 AM



#82
4-Chlorotoluene
Concen: 19.916 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.5	14.6	44.0





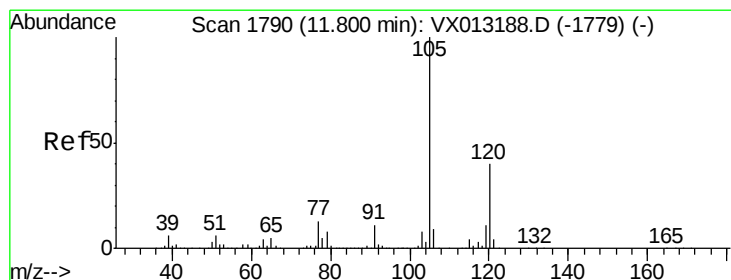
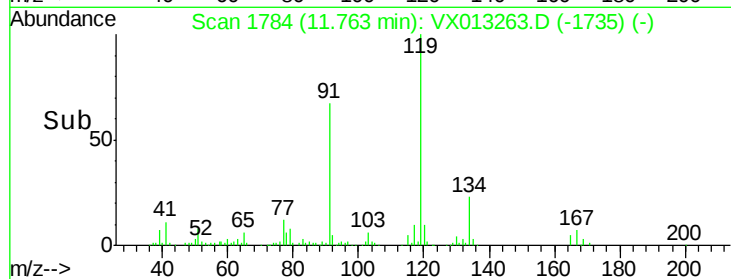
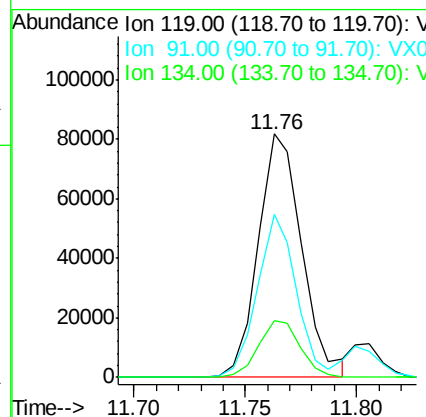
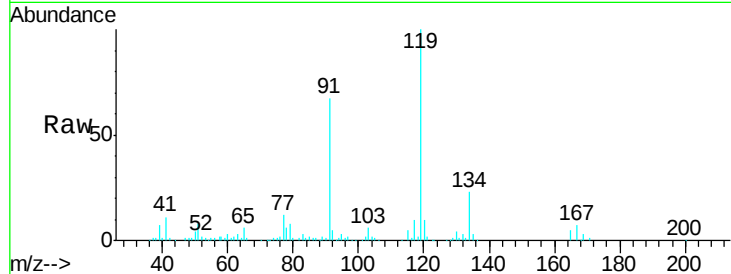
#83
tert-Butylbenzene
Concen: 20.049 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBS01

Tgt Ion	Ratio	Resp Lower	Resp Upper
119	100		
91	59.9	30.8	92.4
134	22.3	11.5	34.5

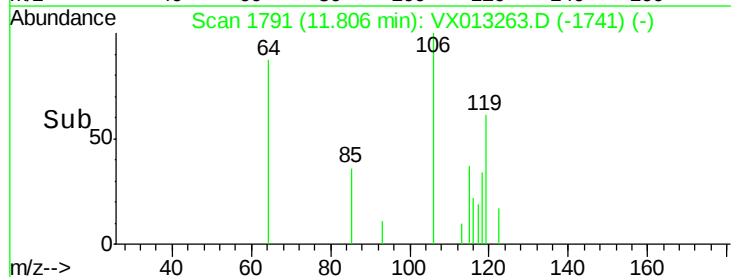
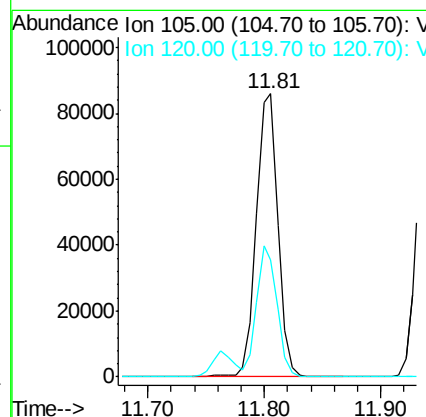
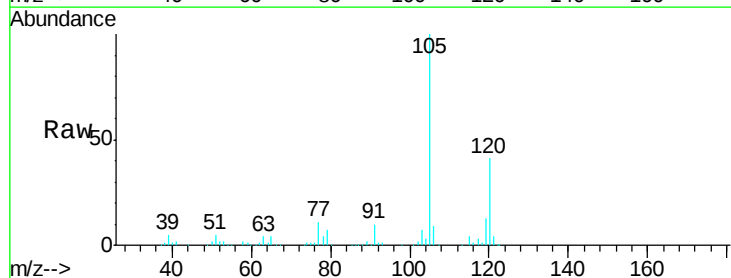
Manual Integrations
APPROVED

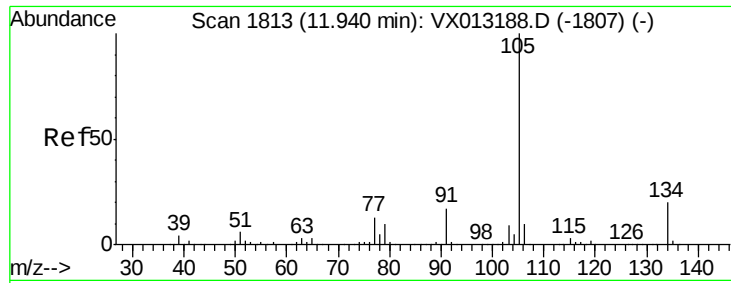
MMDadoda
10/30/2019 10:49:10 AM



#84
1,2,4-Trimethylbenzene
Concen: 19.659 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
105	100		
120	43.7	21.4	64.3





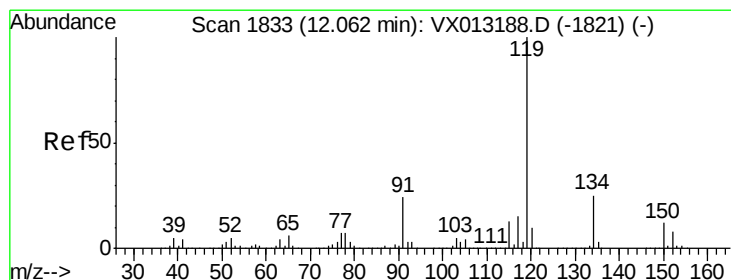
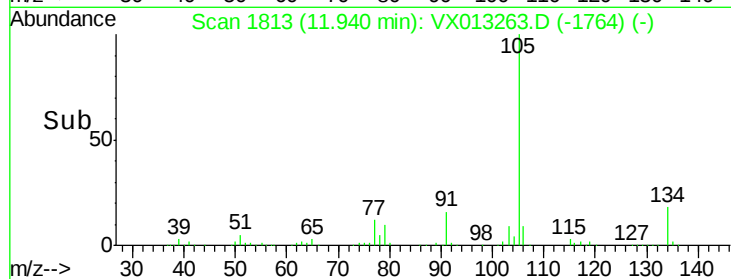
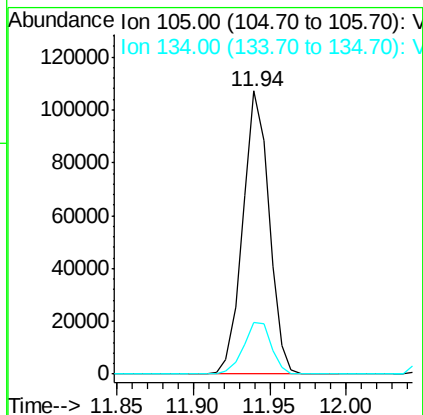
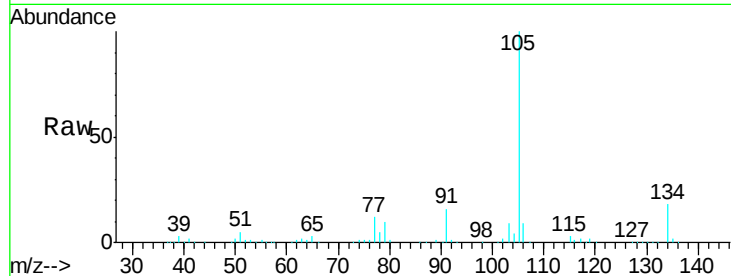
#85
 sec-Butylbenzene
 Concen: 20.144 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013263.D
 Acq: 29 Oct 2019 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBS01

Tgt Ion:105 Resp: 127397
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.9 29.7

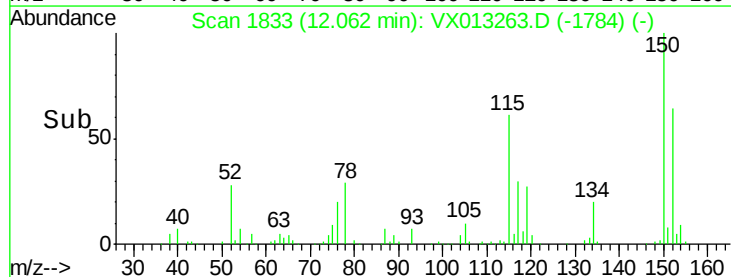
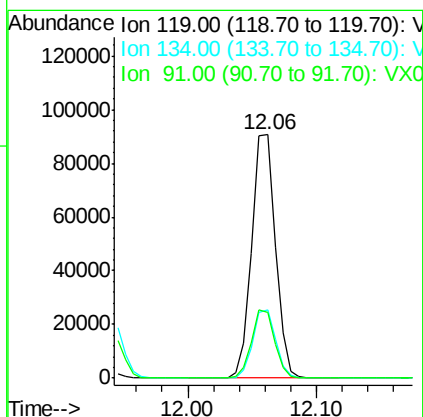
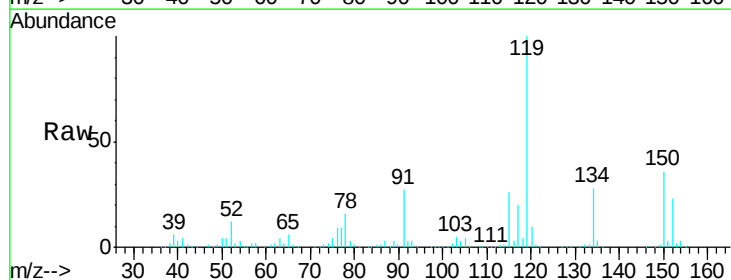
Manual Integrations
 APPROVED

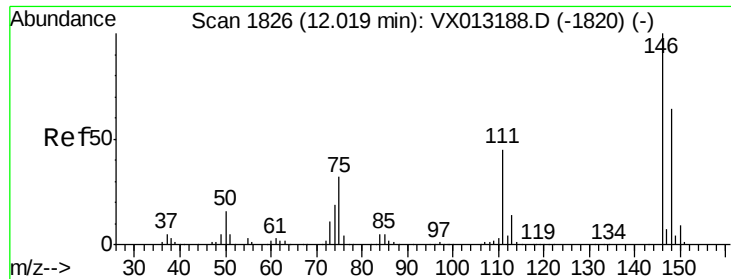
MMDadoda
 10/30/2019 10:49:10 AM



#86
 p-Isopropyltoluene
 Concen: 19.258 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013263.D
 Acq: 29 Oct 2019 12:09

Tgt Ion:119 Resp: 114423
 Ion Ratio Lower Upper
 119 100
 134 27.1 12.5 37.5
 91 27.1 12.4 37.2





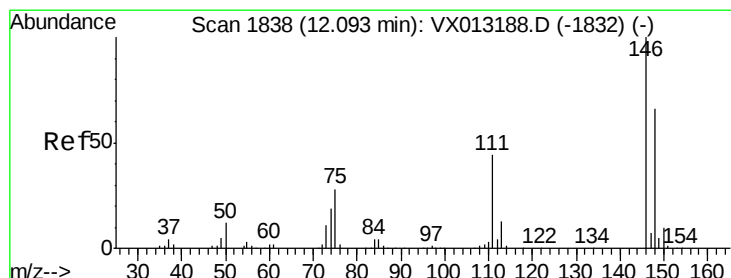
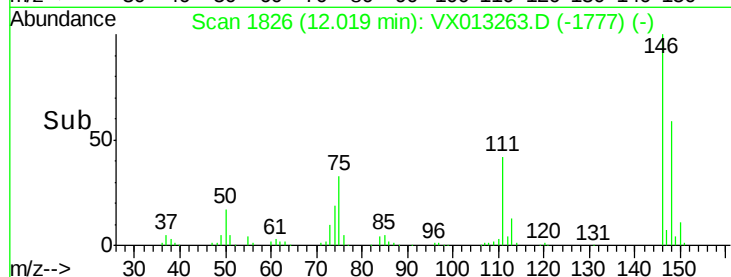
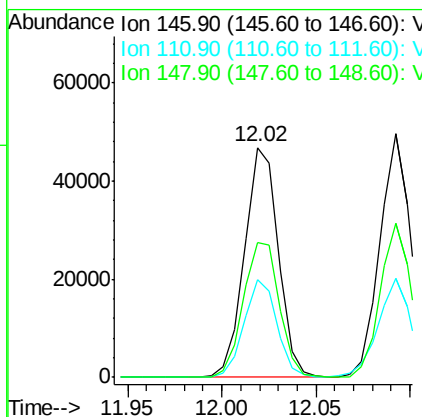
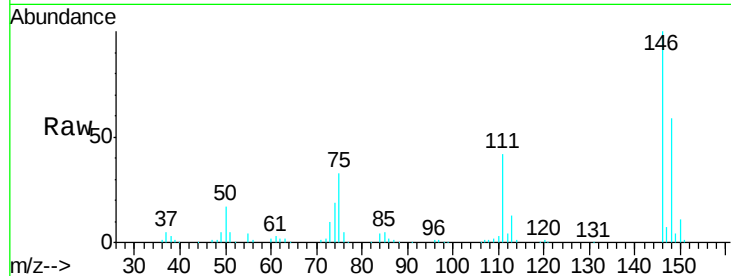
#87
 1,3-Dichlorobenzene
 Concen: 19.957 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX013263.D
 Acq: 29 Oct 2019 12:09

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1029WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.3	63.9
148	62.4	31.6	94.8

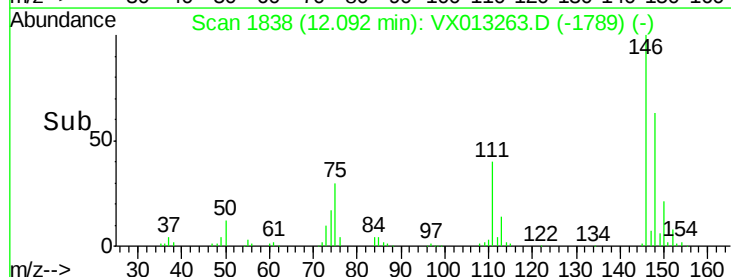
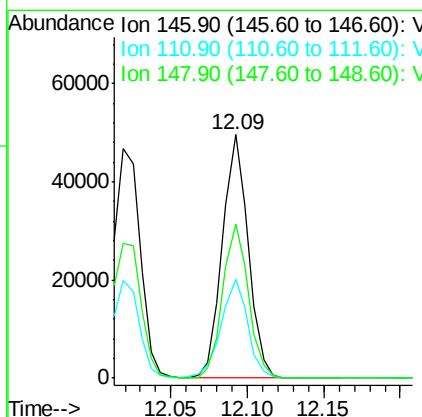
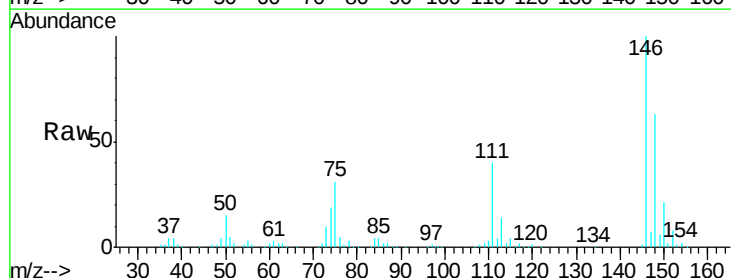
Manual Integrations
 APPROVED

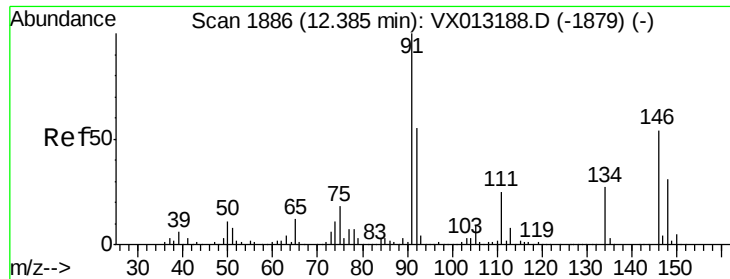
MMDadoda
 10/30/2019 10:49:10 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.506 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX013263.D
 Acq: 29 Oct 2019 12:09

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.3	63.9
148	62.9	32.5	97.5





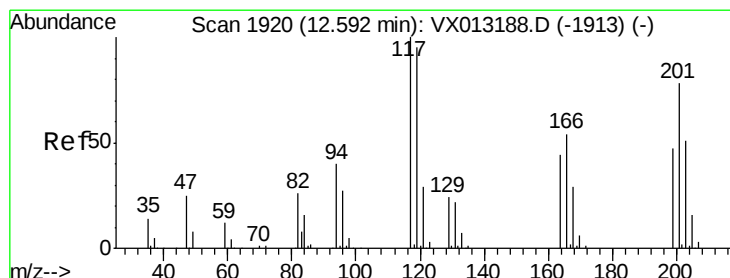
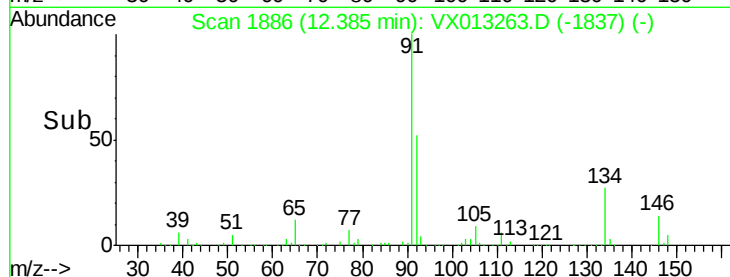
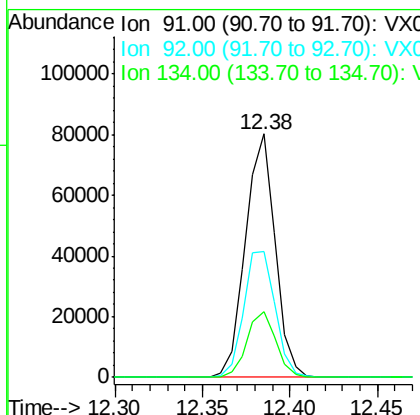
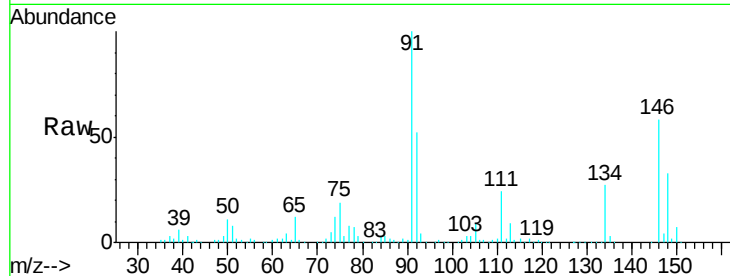
#89
n-Butylbenzene
Concen: 19.465 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBS01

Tgt Ion: 91 Resp: 94609
Ion Ratio Lower Upper
91 100
92 54.7 27.7 83.1
134 26.2 13.2 39.6

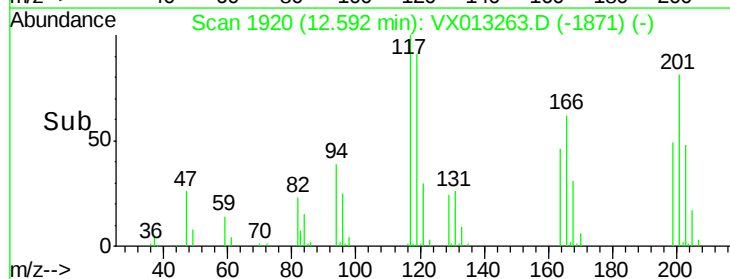
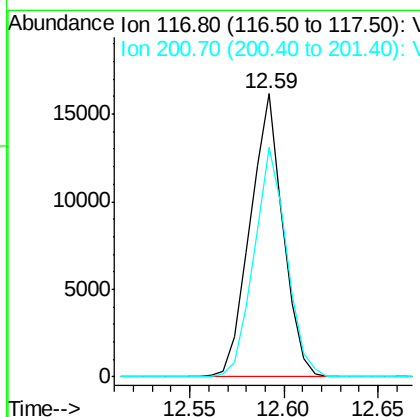
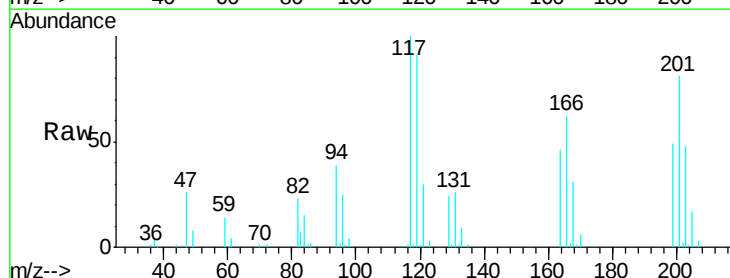
Manual Integrations
APPROVED

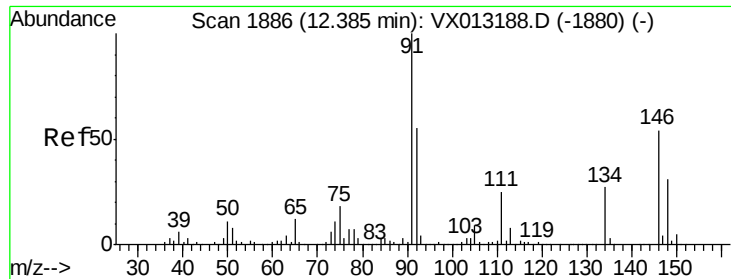
MMDadoda
10/30/2019 10:49:10 AM



#90
Hexachloroethane
Concen: 19.554 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Tgt Ion: 117 Resp: 19456
Ion Ratio Lower Upper
117 100
201 80.7 39.0 116.9





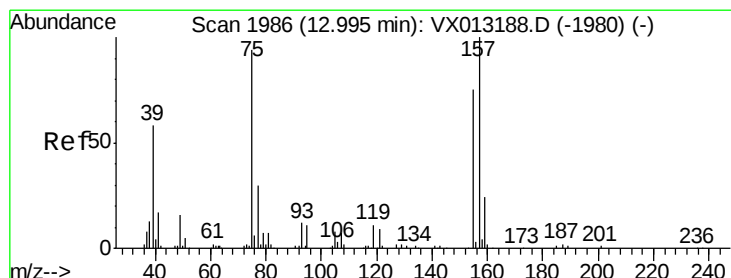
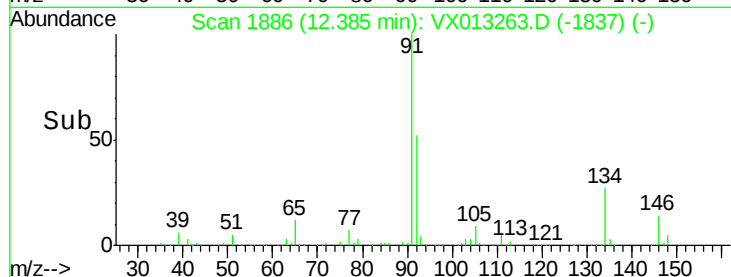
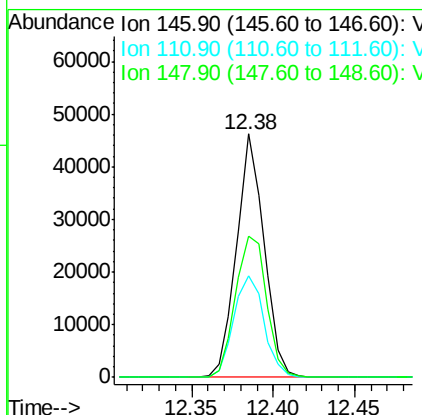
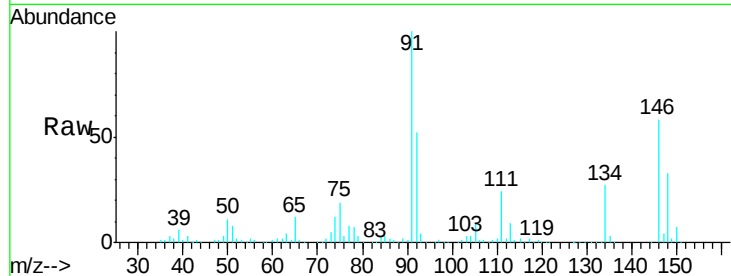
#91
1,2-Dichlorobenzene
Concen: 18.913 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBS01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.8	22.9	68.8
148	65.6	31.8	95.3

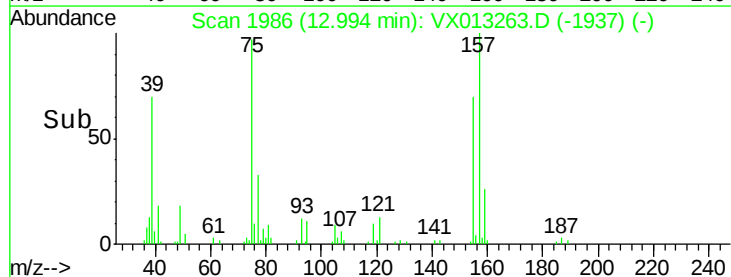
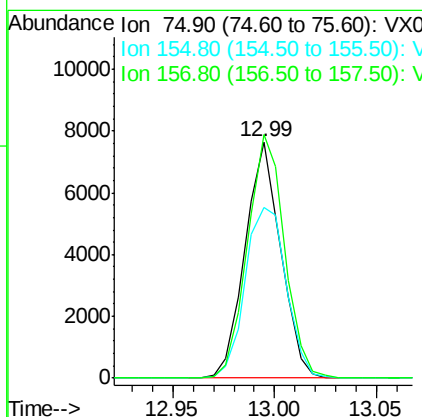
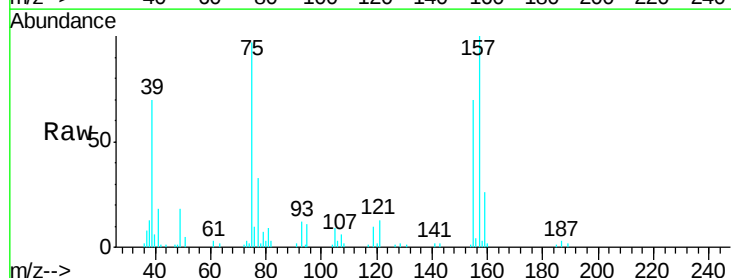
Manual Integrations
APPROVED

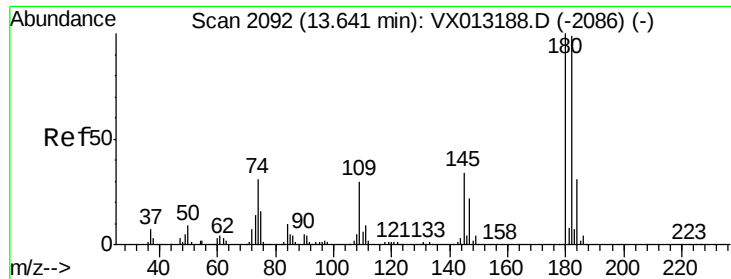
MMDadoda
10/30/2019 10:49:10 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.143 ug/l
RT: 12.99 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.7	42.8	128.4
157	107.7	54.3	162.8





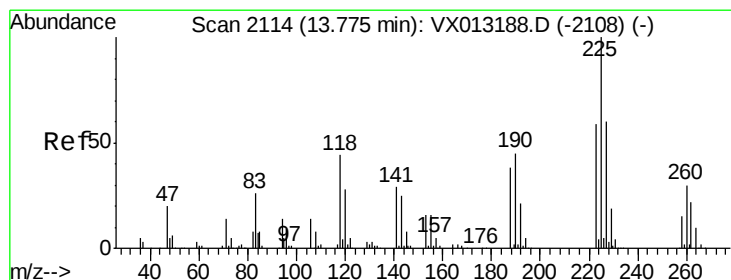
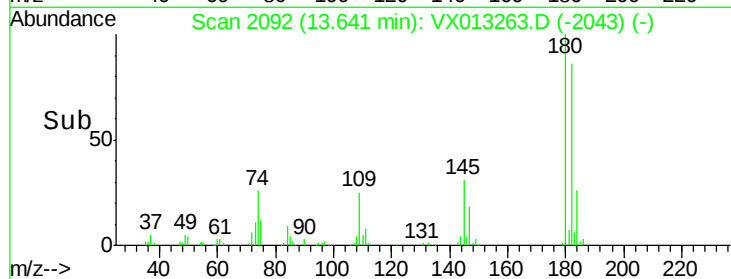
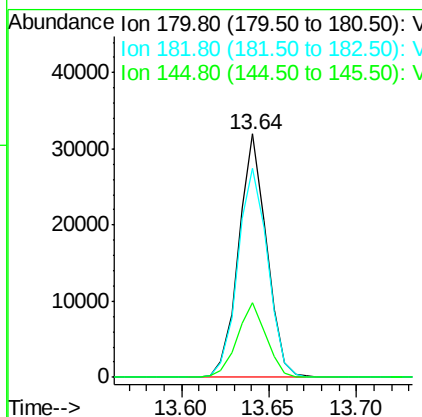
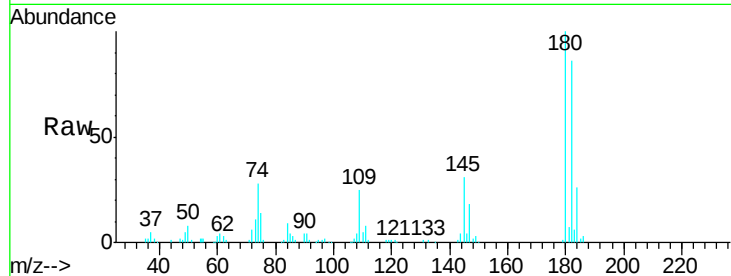
#93
1,2,4-Trichlorobenzene
Concen: 19.541 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBS01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.7	45.9	137.6
145	31.9	15.9	47.6

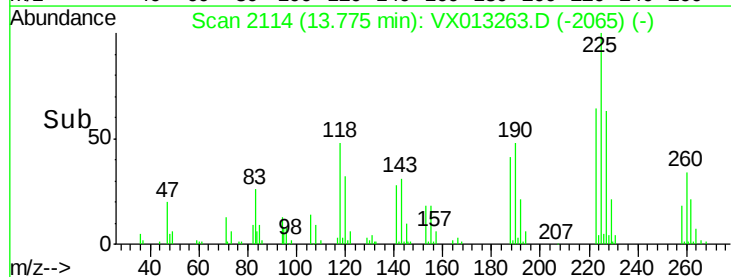
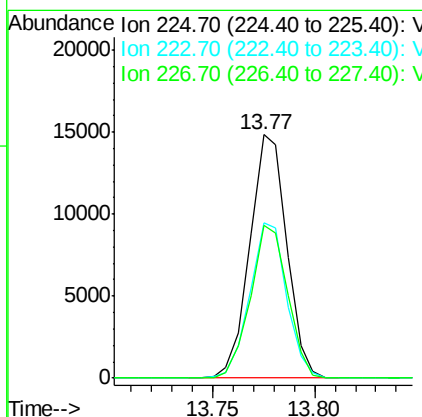
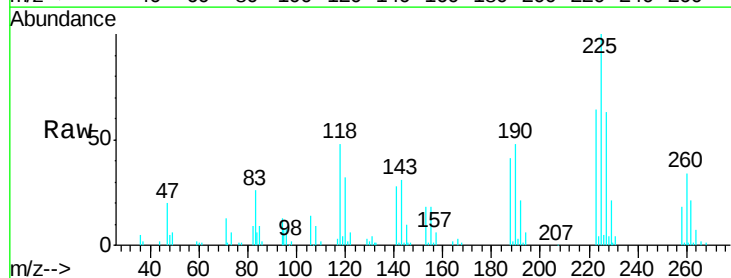
Manual Integrations
APPROVED

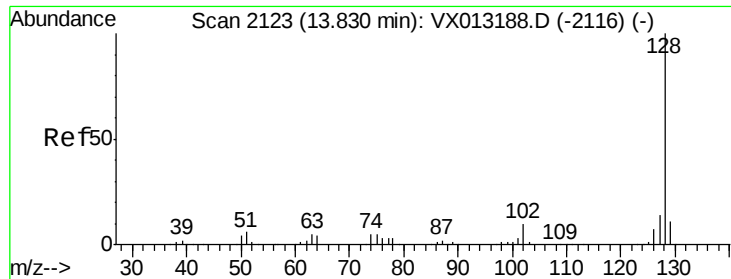
MMDadoda
10/30/2019 10:49:10 AM



#94
Hexachlorobutadiene
Concen: 19.994 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	30.9	92.5
227	63.4	30.3	90.9





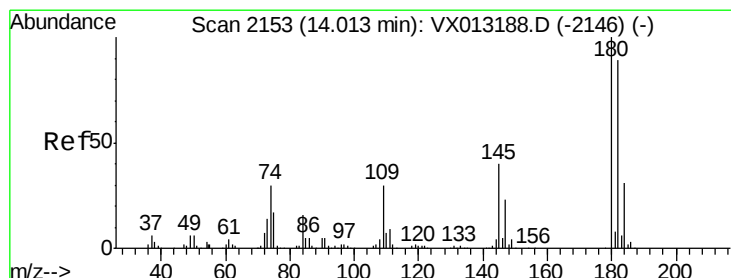
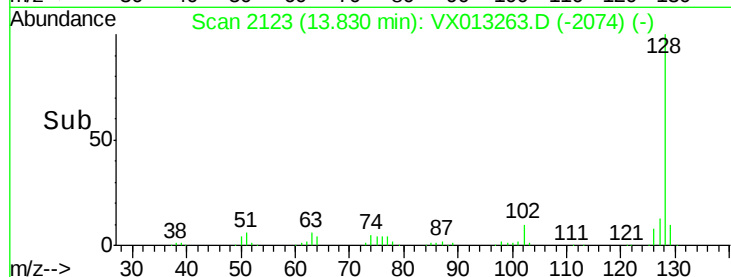
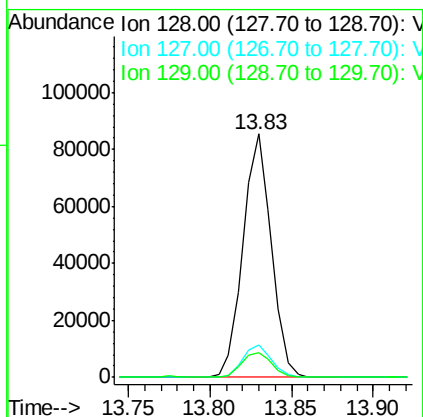
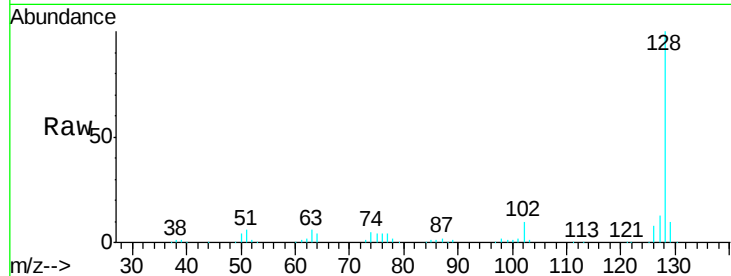
#95
Naphthalene
Concen: 18.622 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Instrument :
MSVOA_X
ClientSampleId :
VX1029WBS01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	103554		
127	13.4	10.7	16.1	
129	10.8	8.6	13.0	

Manual Integrations
APPROVED

MMDadoda
10/30/2019 10:49:10 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.059 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX013263.D
Acq: 29 Oct 2019 12:09

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	35913		
182	92.3	48.3	144.9	
145	33.5	18.6	55.6	

