

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102319\
 Data File : VY000400.D
 Acq On : 23 Oct 2019 22:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/24/2019 4:30:46 PM

Quant Time: Oct 24 05:34:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	68795	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	122330	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	116592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	60255	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	49276	67.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	135.80%	
35) Dibromofluoromethane	7.74	113	41729	56.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.10%	
50) Toluene-d8	10.19	98	153723	54.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.32%	
62) 4-Bromofluorobenzene	12.48	95	58105	53.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.76%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.90	85	20535	36.624	ug/l	99
3) Chloromethane	2.12	50	45152	53.711	ug/l	97
4) Vinyl Chloride	2.26	62	33365	39.327	ug/l	95
5) Bromomethane	2.65	94	24702	39.286	ug/l	98
6) Chloroethane	2.80	64	23611	43.132	ug/l	94
7) Trichlorofluoromethane	3.13	101	51474	44.354	ug/l	95
8) Diethyl Ether	3.54	74	27840	67.906	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	33005	46.895	ug/l	98
10) Methyl Iodide	4.10	142	28210	28.659	ug/l	97
11) Tert butyl alcohol	4.96	59	27820	366.328	ug/l #	86
12) 1,1-Dichloroethene	3.88	96	32797	47.203	ug/l	89
13) Acrolein	3.74	56	23784	267.130	ug/l	97
14) Allyl chloride	4.49	41	59941m	52.058	ug/l	
15) Acrylonitrile	5.18	53	86200	375.645	ug/l	96
16) Acetone	3.96	43	76861	327.060	ug/l	100
17) Carbon Disulfide	4.21	76	85437	39.055	ug/l	98
18) Methyl Acetate	4.49	43	46235	79.183	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	137780	71.233	ug/l	98
20) Methylene Chloride	4.72	84	49104	63.480	ug/l	94
21) trans-1,2-Dichloroethene	5.23	96	39078	49.022	ug/l	96
22) Diisopropyl ether	6.14	45	156760	64.370	ug/l	91
23) Vinyl Acetate	6.07	43	516670	325.204	ug/l	100
24) 1,1-Dichloroethane	6.04	63	75454	56.763	ug/l #	93
25) 2-Butanone	7.00	43	116344	351.441	ug/l	99
26) 2,2-Dichloropropane	7.00	77	57313	46.791	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	51790	60.040	ug/l	93
28) Bromochloromethane	7.35	49	37756	66.164	ug/l	96
29) Tetrahydrofuran	7.36	42	74505	371.359	ug/l	99
30) Chloroform	7.52	83	80863	60.405	ug/l	98
31) Cyclohexane	7.80	56	56582	40.755	ug/l	96
32) 1,1,1-Trichloroethane	7.72	97	61103	51.341	ug/l	98
36) 1,1-Dichloropropene	7.93	75	52075	43.480	ug/l	100
37) Ethyl Acetate	7.08	43	49392	69.647	ug/l	99
38) Carbon Tetrachloride	7.91	117	52518	45.288	ug/l #	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102319\
 Data File : VY000400.D
 Acq On : 23 Oct 2019 22:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/24/2019 4:30:46 PM

Quant Time: Oct 24 05:34:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	65130	41.549	ug/l	91
40) Benzene	8.17	78	175555	50.721	ug/l	100
41) Methacrylonitrile	7.33	41	24205m	71.704	ug/l	
42) 1,2-Dichloroethane	8.25	62	62322	63.035	ug/l	98
43) Isopropyl Acetate	8.28	43	94634	70.180	ug/l	97
44) Trichloroethene	8.95	130	48657	50.102	ug/l	93
45) 1,2-Dichloropropane	9.22	63	49847	58.686	ug/l	97
46) Dibromomethane	9.32	93	31299	65.917	ug/l	97
47) Bromodichloromethane	9.50	83	66153	59.117	ug/l	96
48) Methyl methacrylate	9.30	41	39258	66.431	ug/l	96
49) 1,4-Dioxane	9.30	88	10859	1525.274	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	245345	352.766	ug/l	99
52) Toluene	10.25	92	113228	51.526	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	71185	59.358	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	78817	57.872	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	44781	64.865	ug/l	93
56) Ethyl methacrylate	10.52	69	60521	61.503	ug/l	93
57) 1,3-Dichloropropane	10.80	76	77978	65.769	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	159209	405.628	ug/l	100
59) 2-Hexanone	10.83	43	167801	343.733	ug/l	99
60) Dibromochloromethane	10.99	129	48637	63.561	ug/l	99
61) 1,2-Dibromoethane	11.09	107	43498	65.620	ug/l	98
64) Tetrachloroethene	10.72	164	54379	48.991	ug/l	96
65) Chlorobenzene	11.52	112	128769	52.332	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	49749	57.556	ug/l	96
67) Ethyl Benzene	11.60	91	216663	47.499	ug/l	97
68) m/p-Xylenes	11.71	106	168330	96.533	ug/l	98
69) o-Xylene	12.03	106	81562	49.031	ug/l	100
70) Styrene	12.05	104	142666	50.853	ug/l	98
71) Bromoform	12.21	173	32559	65.526	ug/l #	95
73) Isopropylbenzene	12.33	105	206938	44.045	ug/l	98
74) N-amyl acetate	12.14	43	64033	55.516	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	53282	60.401	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	44378m	59.895	ug/l	
77) Bromobenzene	12.61	156	56962	54.484	ug/l	94
78) n-propylbenzene	12.67	91	245902	43.592	ug/l	99
79) 2-Chlorotoluene	12.75	91	146923	47.161	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	182508	46.326	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	19117	56.452	ug/l	99
82) 4-Chlorotoluene	12.85	91	155072	47.091	ug/l	99
83) tert-Butylbenzene	13.08	119	151381	45.375	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	184894	47.552	ug/l	99
85) sec-Butylbenzene	13.25	105	212496	44.029	ug/l	98
86) p-Isopropyltoluene	13.37	119	190886	45.367	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	103506	50.249	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	104421	50.717	ug/l	99
89) n-Butylbenzene	13.69	91	175408	42.185	ug/l	99
90) Hexachloroethane	13.96	117	35669	45.780	ug/l	94
91) 1,2-Dichlorobenzene	13.74	146	102738	55.112	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.36	75	10311	61.631	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102319\
Data File : VY000400.D
Acq On : 23 Oct 2019 22:32
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
10/24/2019 4:30:46 PM

Quant Time: Oct 24 05:34:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	67502	52.009	ug/l	99
94) Hexachlorobutadiene	15.11	225	32657	46.495	ug/l	97
95) Naphthalene	15.23	128	169449	58.503	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	65542	56.032	ug/l	98

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

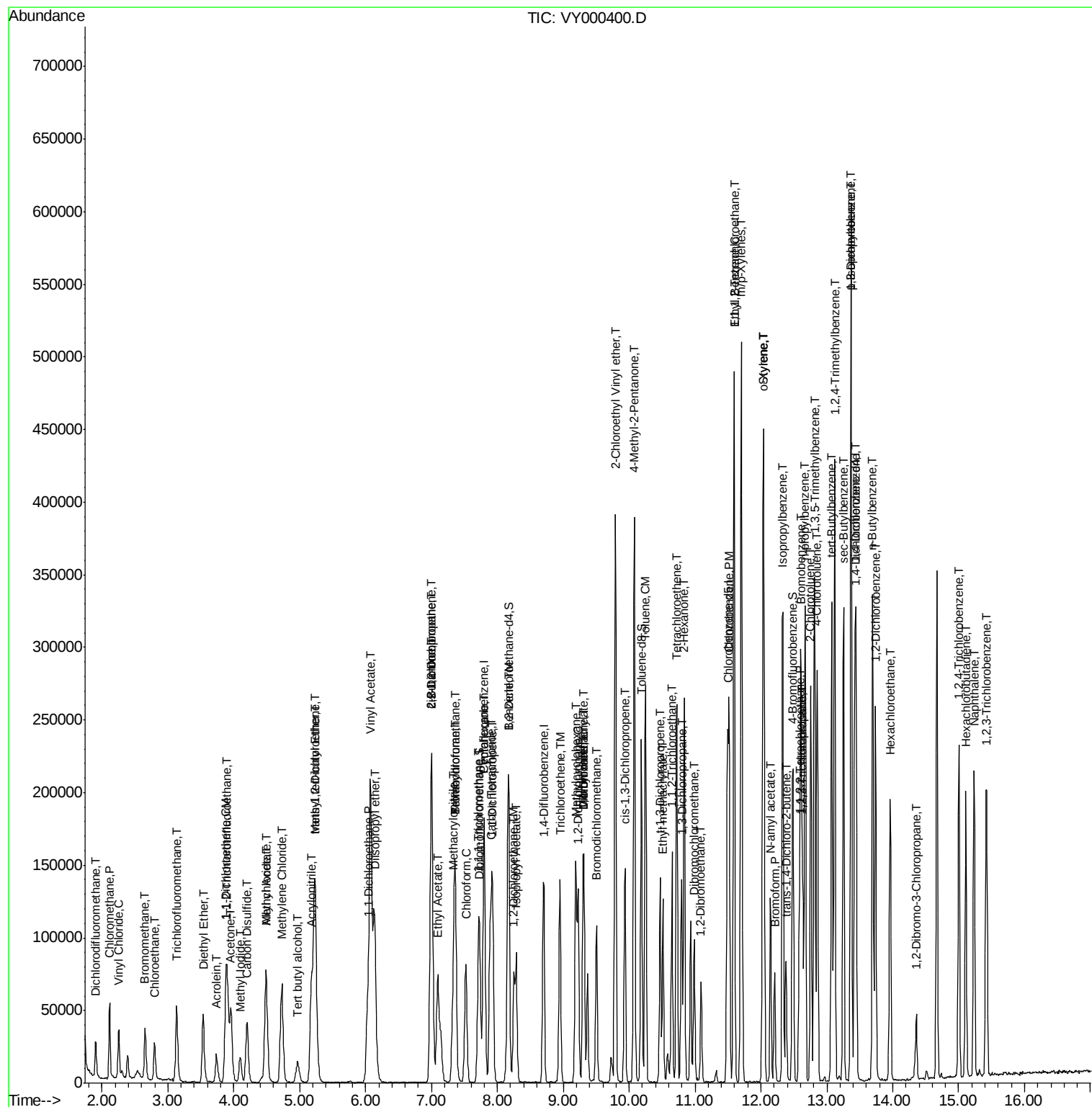
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY102319\
 Data File : VY000400.D
 Acq On : 23 Oct 2019 22:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

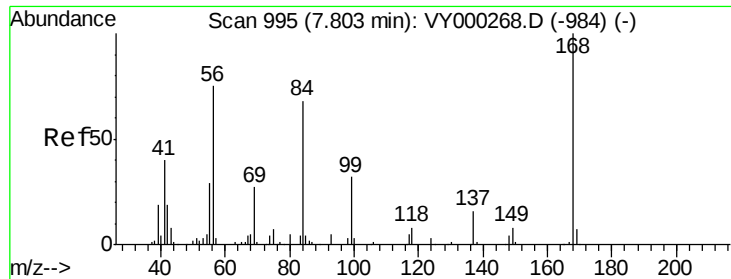
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/24/2019 4:30:46 PM

Quant Time: Oct 24 05:34:21 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 68795

Ion Ratio Lower Upper

168 100

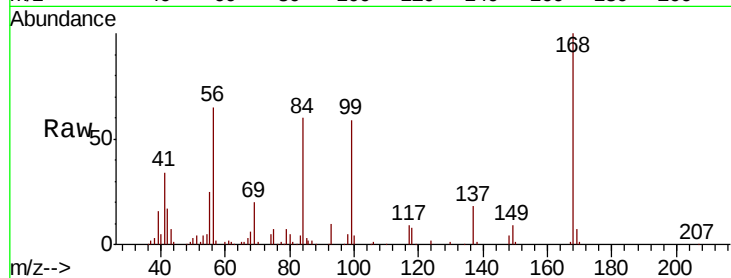
99 58.5 46.6 69.8

Manual Integrations

APPROVED

MMDadoda

10/24/2019 4:30:46 PM



Abundance Ion 167.90 (167.60 to 168.60): VY000268.D (-984) (-)

Ion 98.90 (98.60 to 99.60): VY000268.D (-984) (-)

7.80

30000

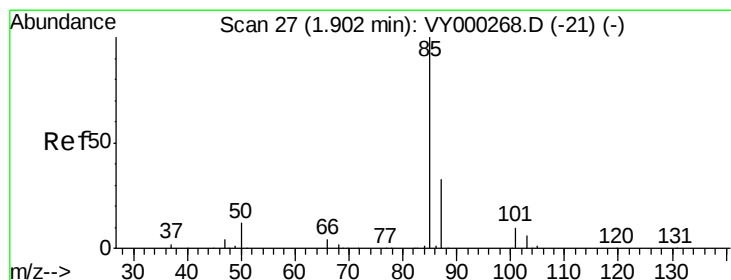
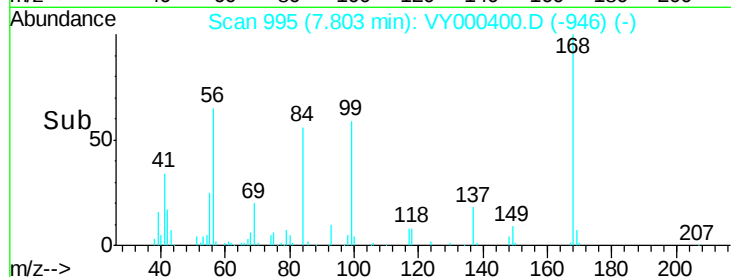
20000

10000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 36.624 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY000400.D

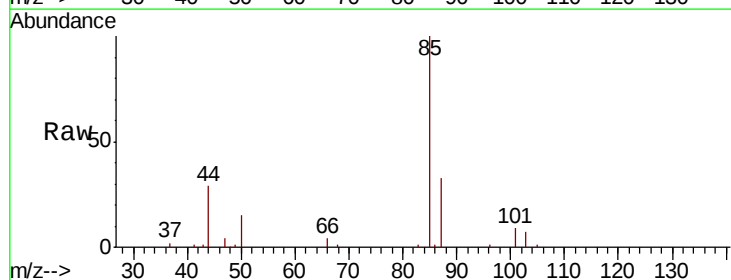
Acq: 23 Oct 2019 22:32

Tgt Ion: 85 Resp: 20535

Ion Ratio Lower Upper

85 100

87 32.6 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VY000268.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY000268.D (-21) (-)

1.90

15000

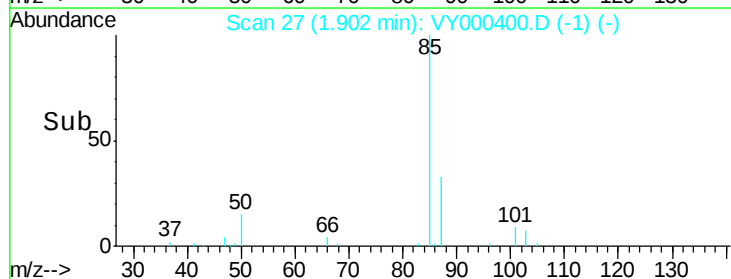
10000

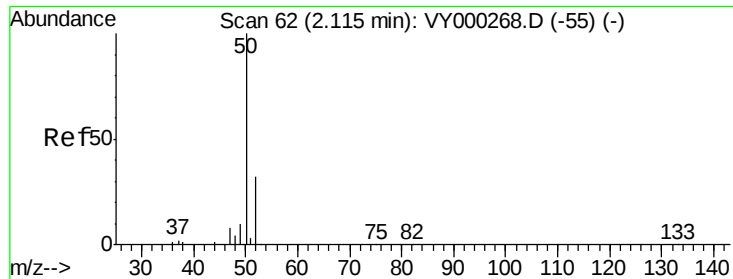
5000

0

1.85 1.90 1.95 2.00

Time-->





#3

Chloromethane

Concen: 53.711 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 45152

Ion Ratio Lower Upper

50 100

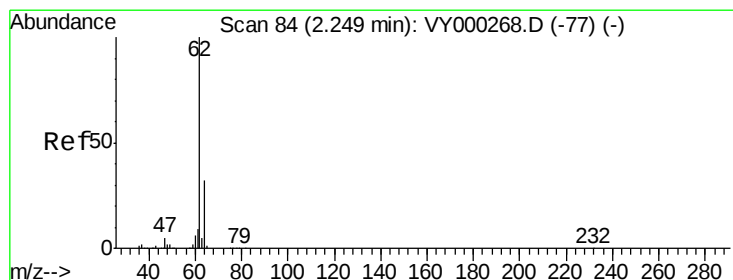
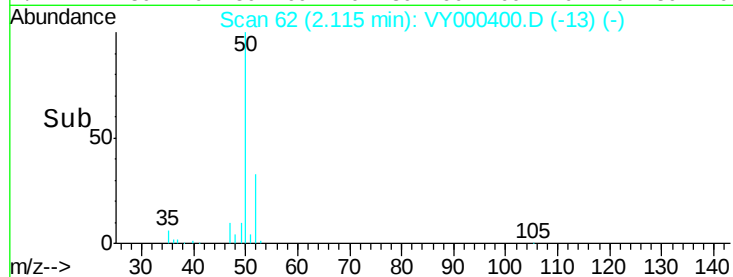
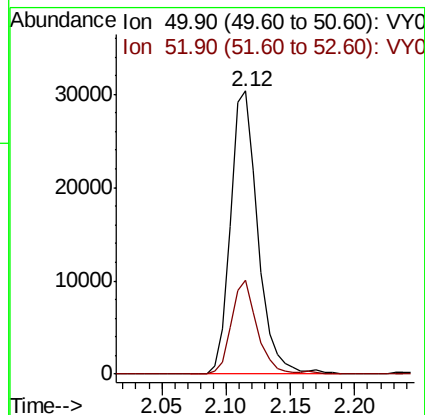
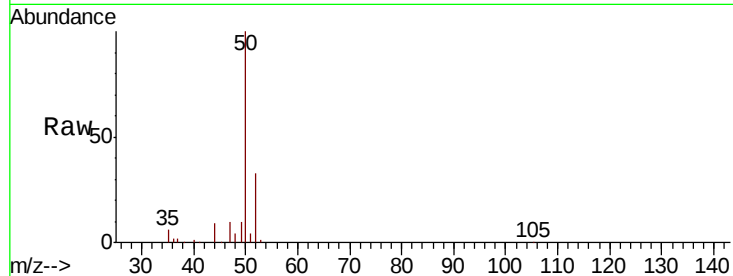
52 33.4 25.3 37.9

Manual Integrations

APPROVED

MMDadoda

10/24/2019 4:30:46 PM



#4

Vinyl Chloride

Concen: 39.327 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY000400.D

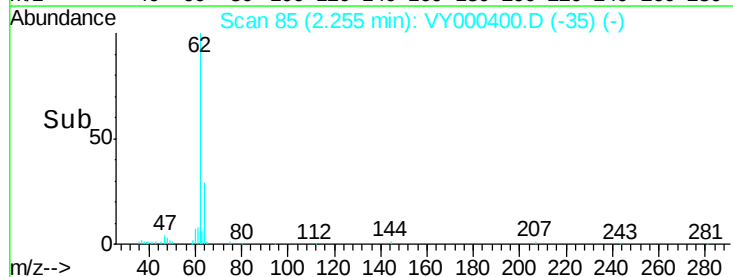
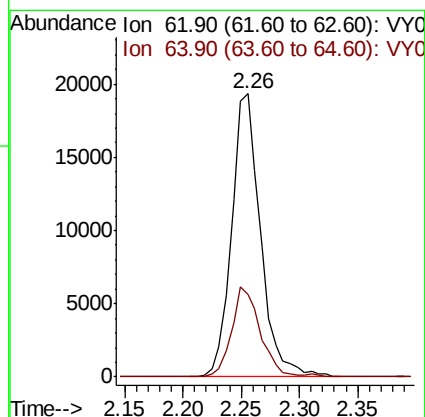
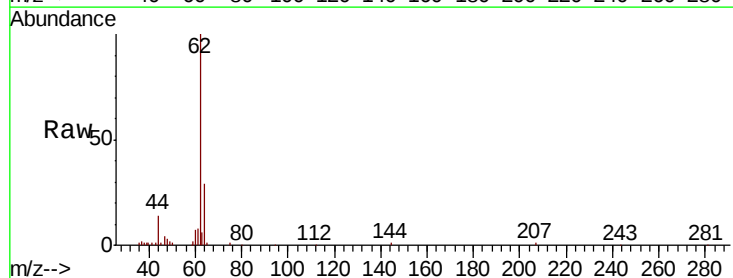
Acq: 23 Oct 2019 22:32

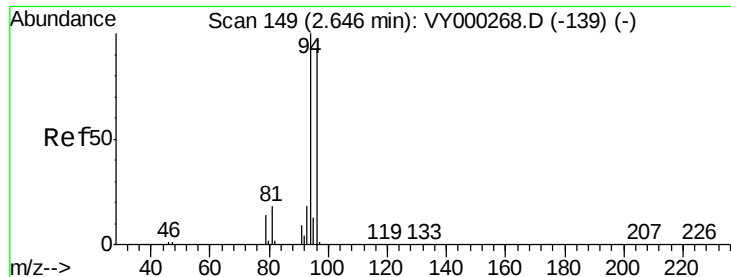
Tgt Ion: 62 Resp: 33365

Ion Ratio Lower Upper

62 100

64 29.1 25.6 38.4





#5

Bromomethane

Concen: 39.286 ug/l

RT: 2.65 min Scan# 150

Delta R.T. 0.01 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 24702

Ion Ratio Lower Upper

94 100

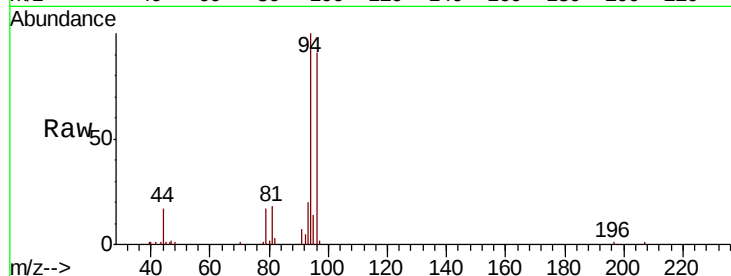
96 90.5 74.2 111.2

Manual Integrations

APPROVED

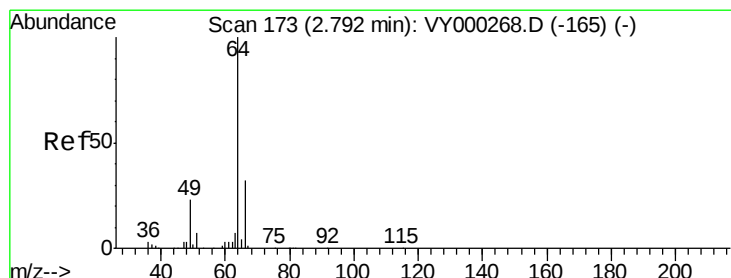
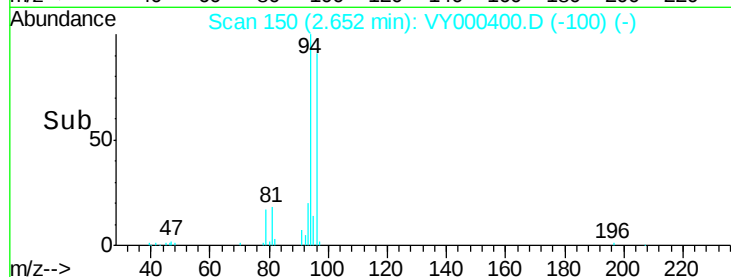
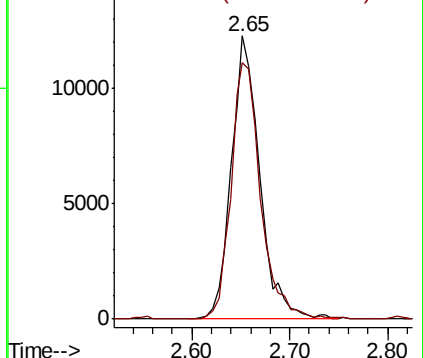
MMDadoda

10/24/2019 4:30:46 PM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 43.132 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY000400.D

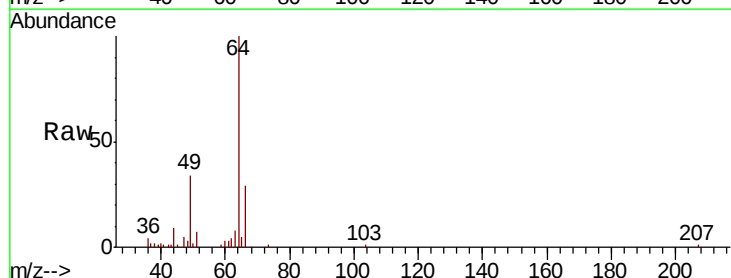
Acq: 23 Oct 2019 22:32

Tgt Ion: 64 Resp: 23611

Ion Ratio Lower Upper

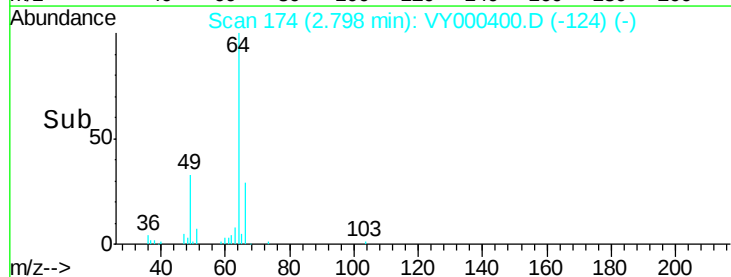
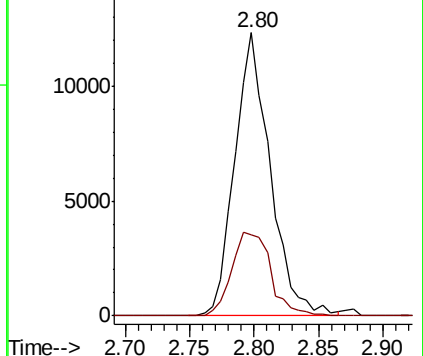
64 100

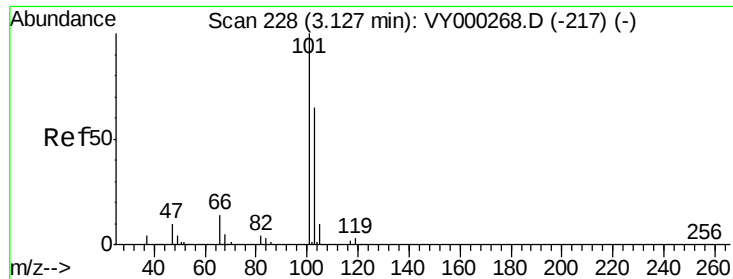
66 28.5 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

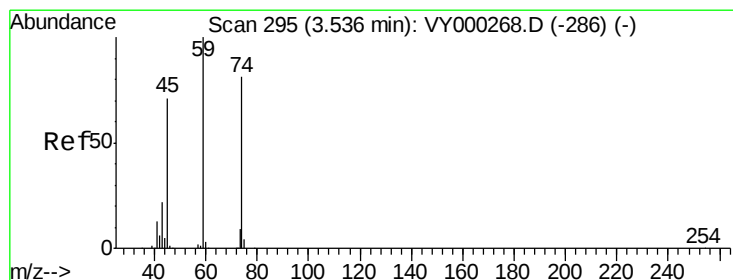
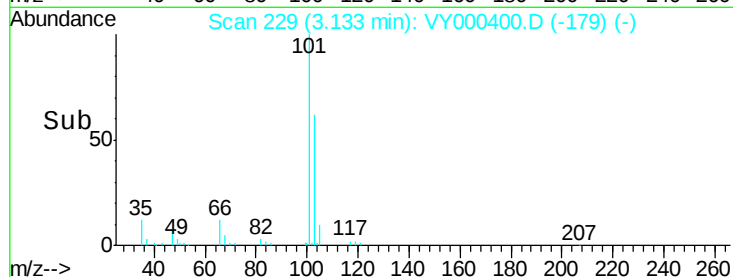
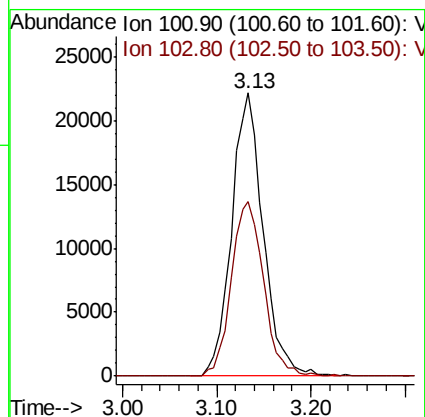
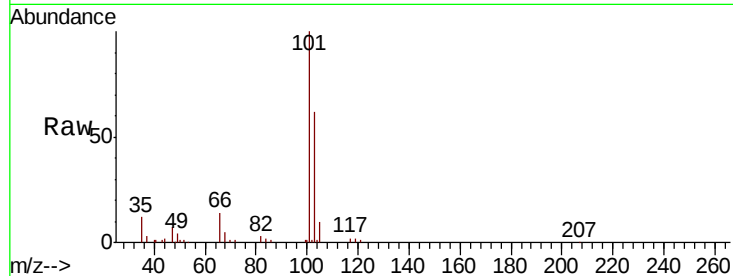
Trichlorofluoromethane
Concen: 44.354 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	61.7	52.2	78.4

Manual Integrations
APPROVED

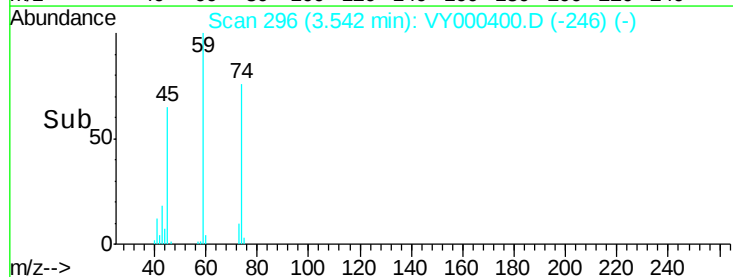
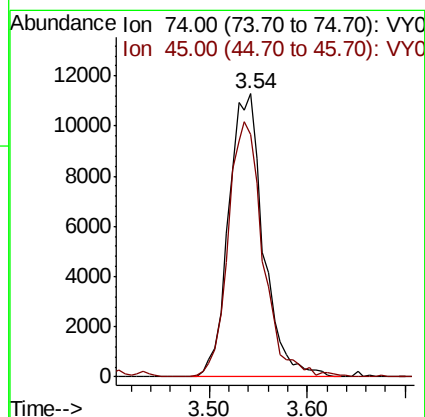
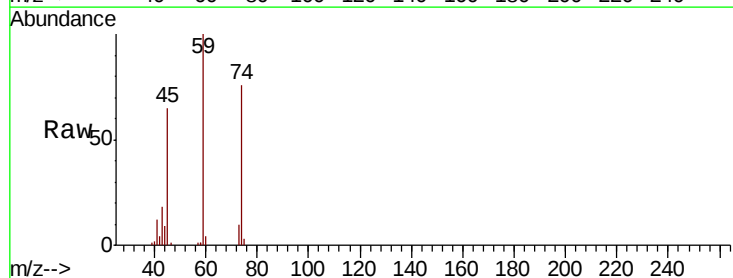
MMDadoda
10/24/2019 4:30:46 PM

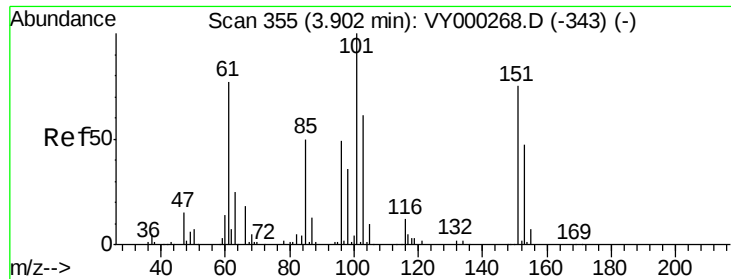


#8

Diethyl Ether
Concen: 67.906 ug/l
RT: 3.54 min Scan# 296
Delta R.T. 0.01 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.3	47.1	141.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.895 ug/l

RT: 3.90 min Scan# 355

Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

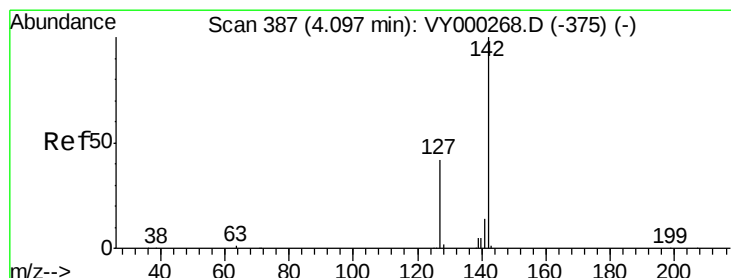
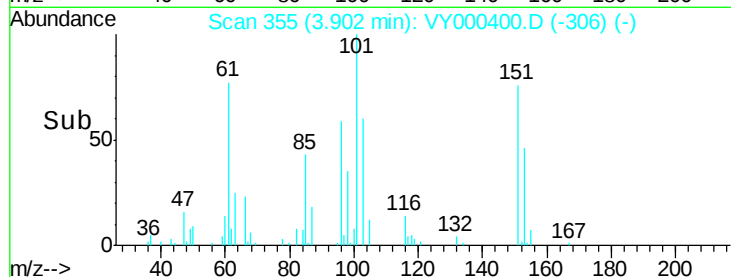
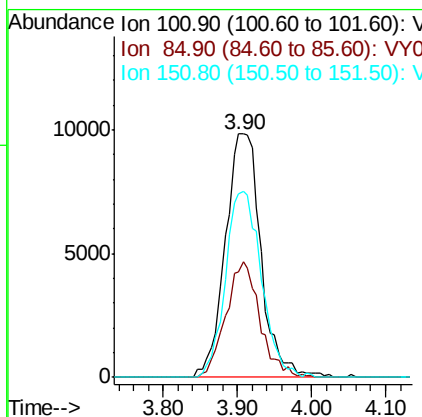
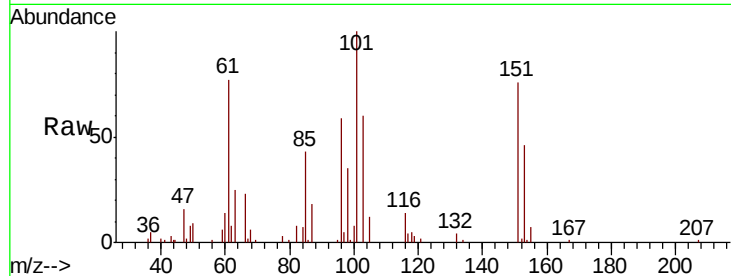
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	33005
Ion Ratio	Lower	Upper	
101	100		
85	45.2	36.6	55.0
151	76.5	63.1	94.7

Manual Integrations
APPROVED

MMDadoda
10/24/2019 4:30:46 PM



#10

Methyl Iodide

Concen: 28.659 ug/l

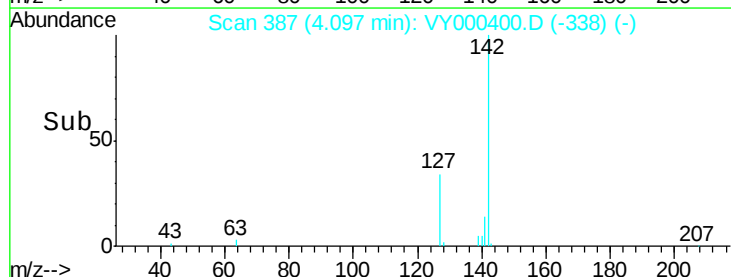
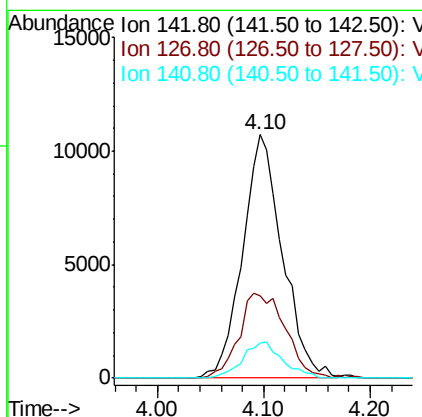
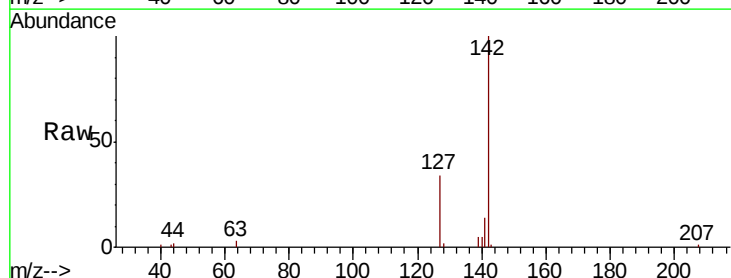
RT: 4.10 min Scan# 387

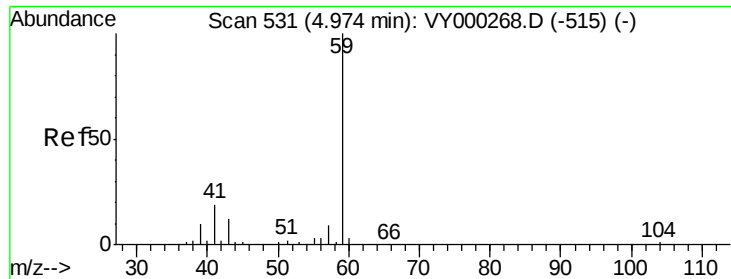
Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Tgt Ion:	142	Resp:	28210
Ion Ratio	Lower	Upper	
142	100		
127	40.3	33.9	50.9
141	14.8	11.2	16.8





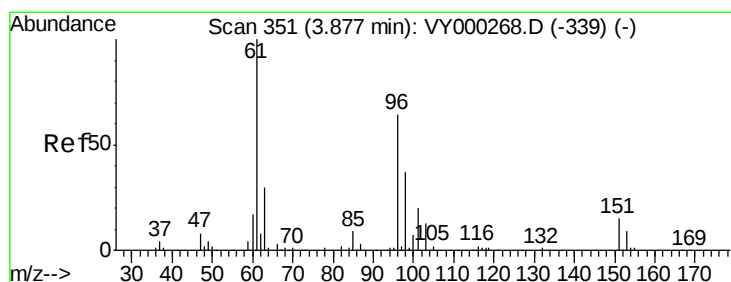
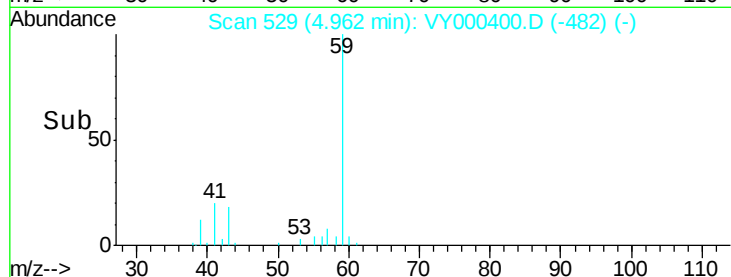
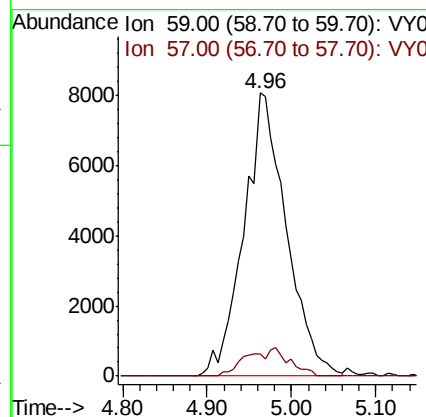
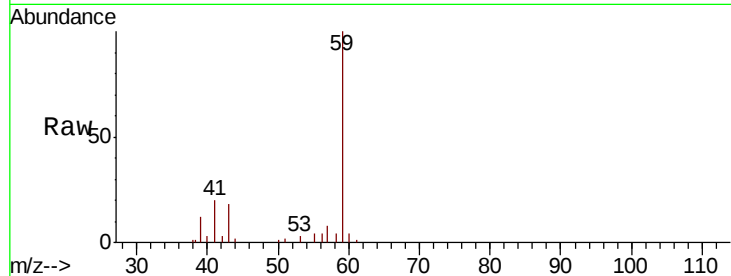
#11
Tert butyl alcohol
Concen: 366.328 ug/l
RT: 4.96 min Scan# 529
Delta R.T. -0.01 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 27820
Ion Ratio Lower Upper
59 100
57 5.0 8.2 12.2#

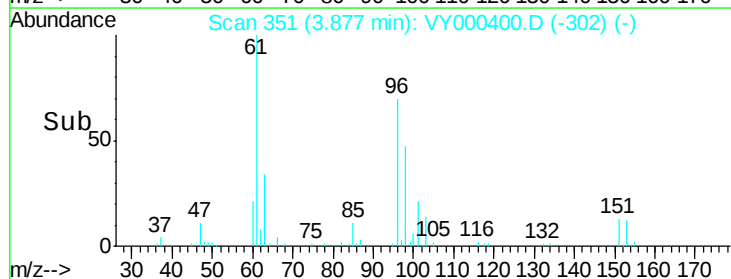
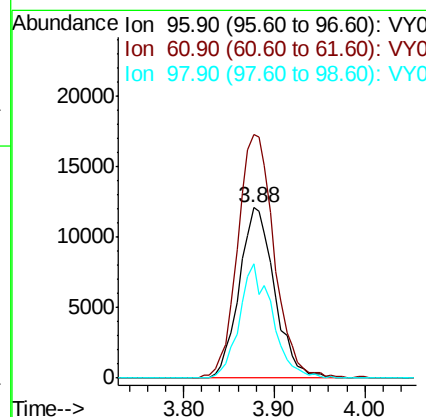
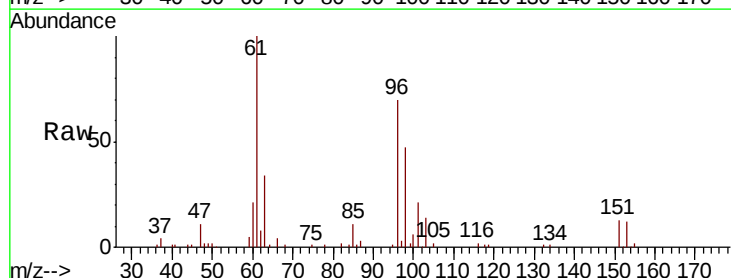
Manual Integrations
APPROVED

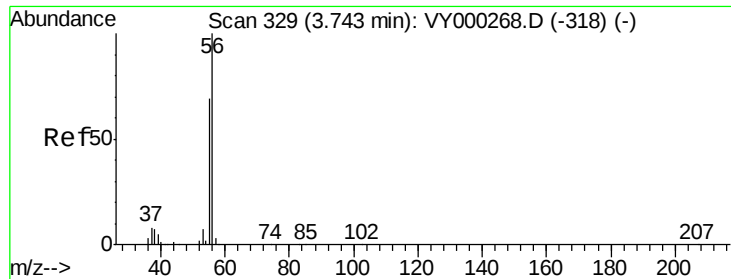
MMDadoda
10/24/2019 4:30:46 PM



#12
1,1-Dichloroethene
Concen: 47.203 ug/l
RT: 3.88 min Scan# 351
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion: 96 Resp: 32797
Ion Ratio Lower Upper
96 100
61 143.1 125.8 188.6
98 67.3 46.2 69.2





#13

Acrolein

Concen: 267.130 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 23784

Ion Ratio Lower Upper

56 100

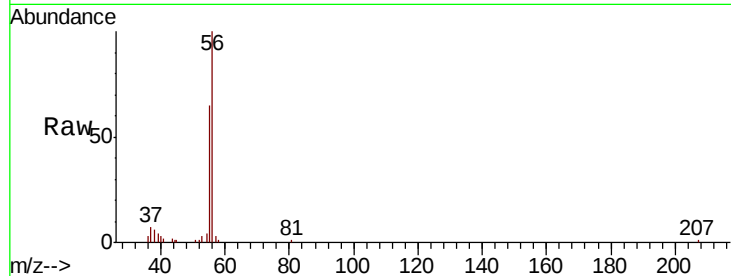
55 67.3 55.7 83.5

Manual Integrations

APPROVED

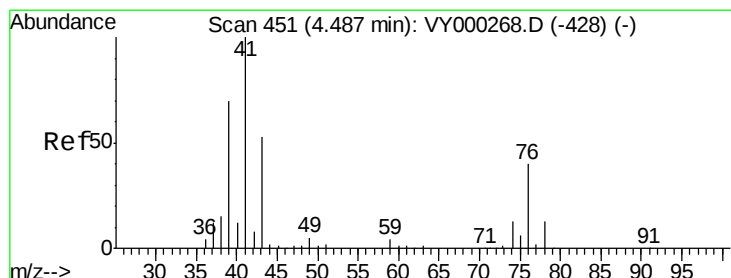
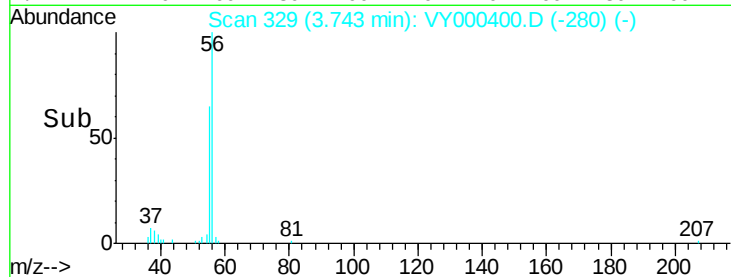
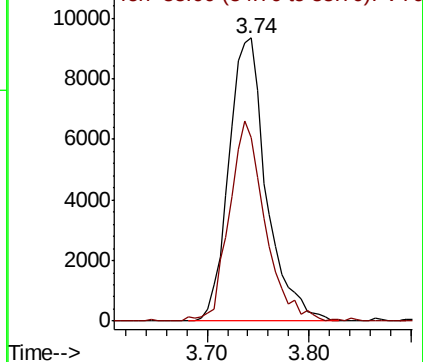
MMDadoda

10/24/2019 4:30:46 PM



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 52.058 ug/l m

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

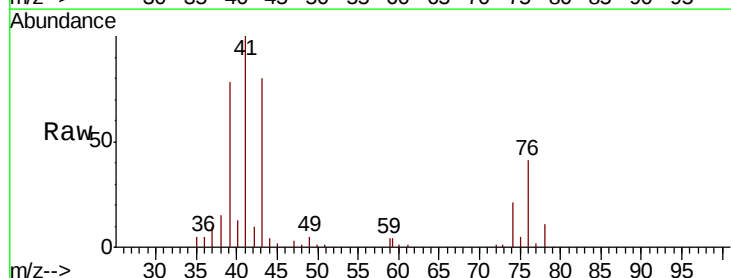
Tgt Ion: 41 Resp: 59941

Ion Ratio Lower Upper

41 100

39 67.8 54.0 81.0

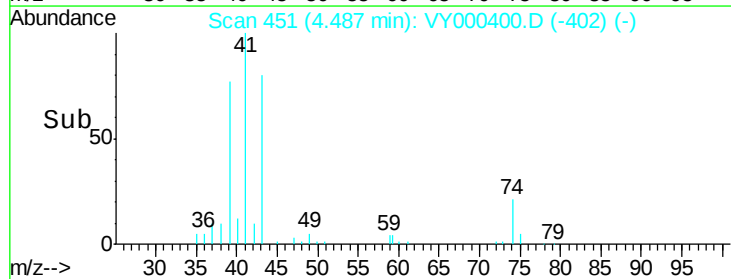
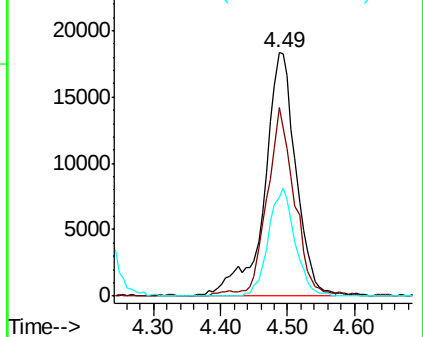
76 37.3 30.7 46.1

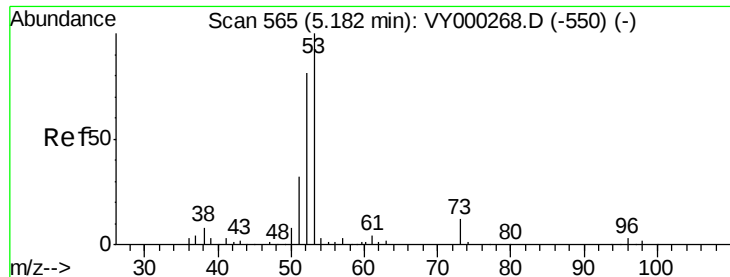


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 375.645 ug/l

RT: 5.18 min Scan# 565

Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

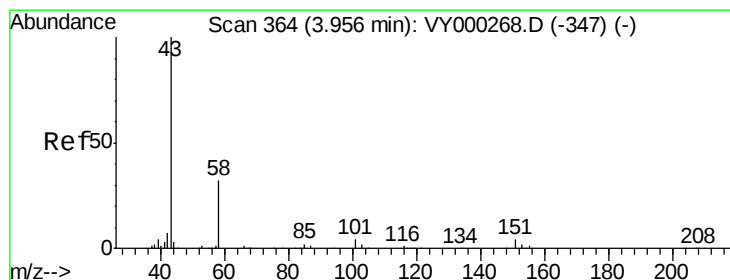
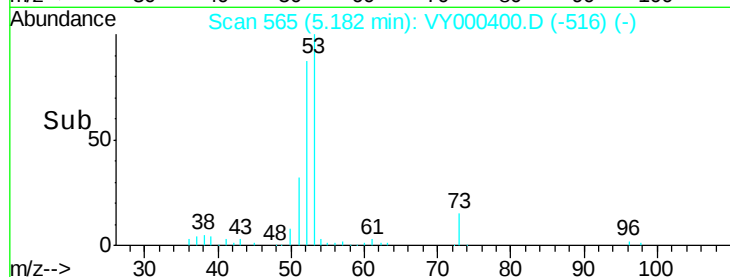
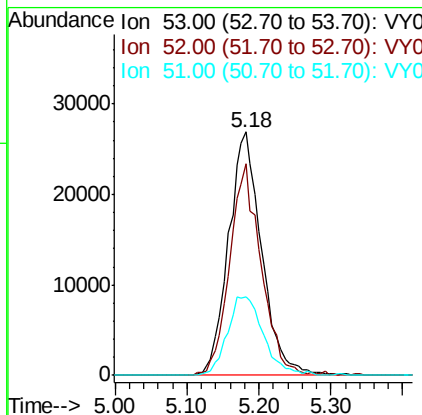
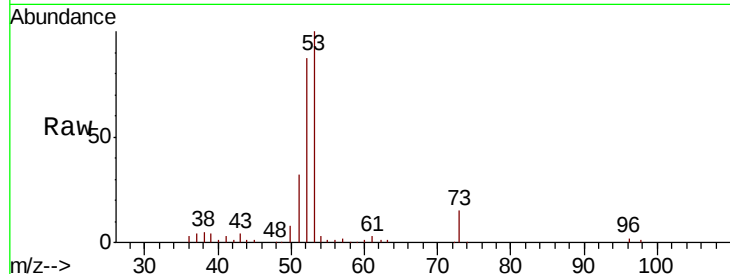
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	86200
Ion	Ratio	Lower	Upper
53	100		
52	82.3	62.9	94.3
51	35.0	26.9	40.3

Manual Integrations
APPROVED

MMDadoda
10/24/2019 4:30:46 PM



#16

Acetone

Concen: 327.060 ug/l

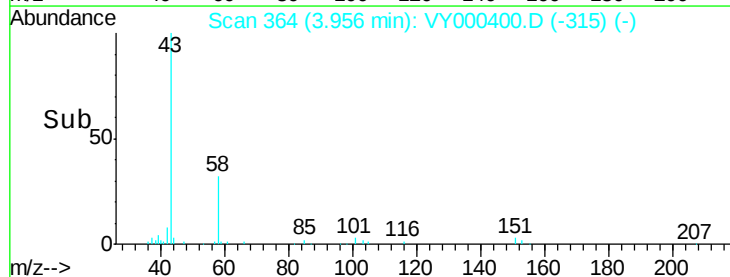
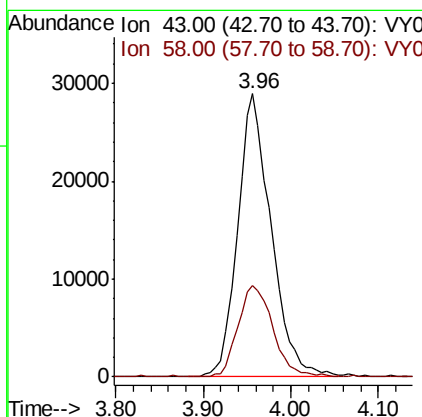
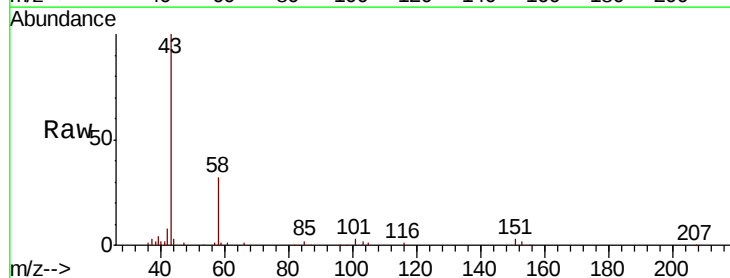
RT: 3.96 min Scan# 364

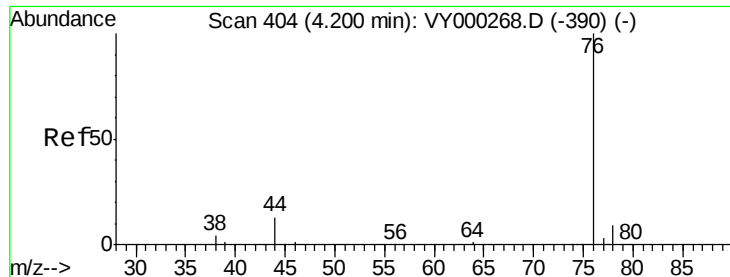
Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Tgt Ion:	43	Resp:	76861
Ion	Ratio	Lower	Upper
43	100		
58	32.2	25.8	38.6





#17

Carbon Disulfide

Concen: 39.055 ug/l

RT: 4.21 min Scan# 405

Delta R.T. 0.01 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 85437

Ion Ratio Lower Upper

76 100

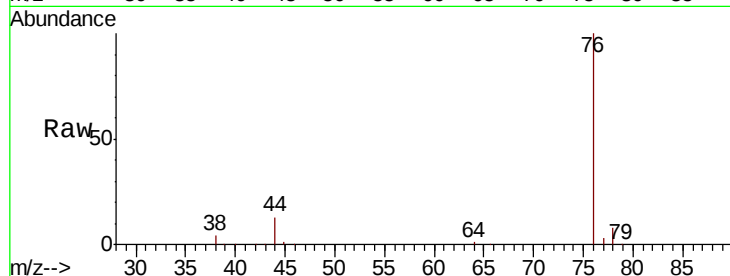
78 8.0 7.0 10.4

Manual Integrations

APPROVED

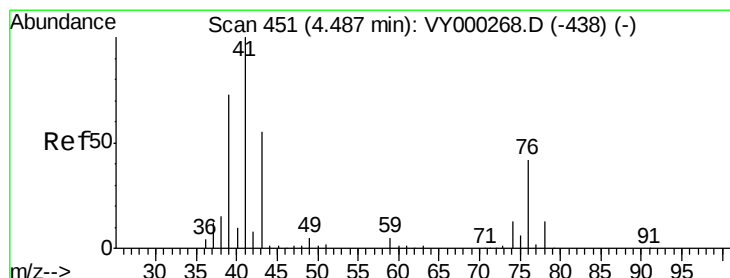
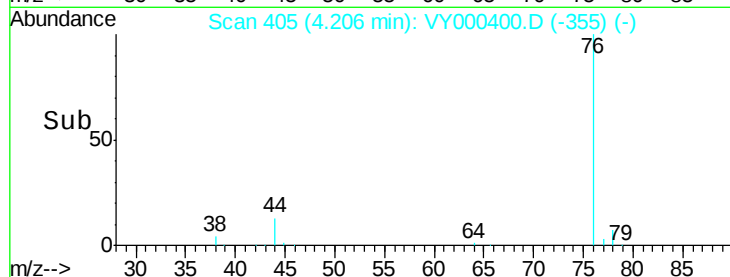
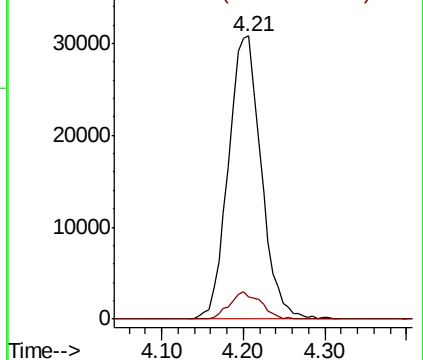
MMDadoda

10/24/2019 4:30:46 PM



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 79.183 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY000400.D

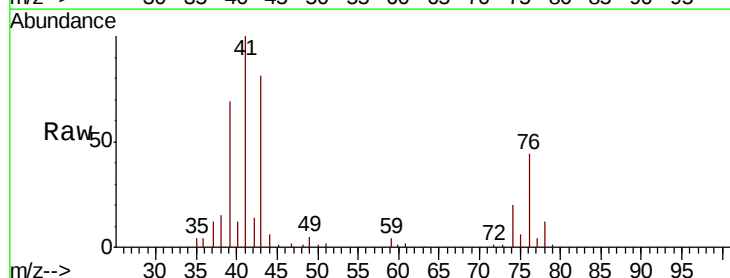
Acq: 23 Oct 2019 22:32

Tgt Ion: 43 Resp: 46235

Ion Ratio Lower Upper

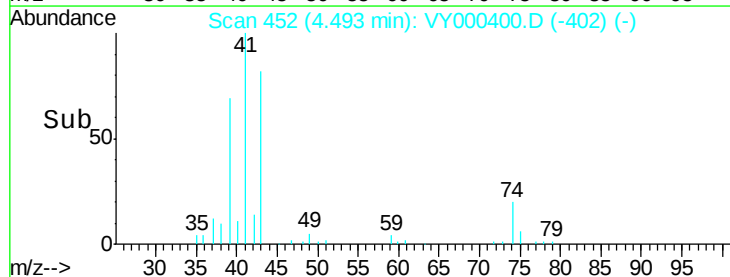
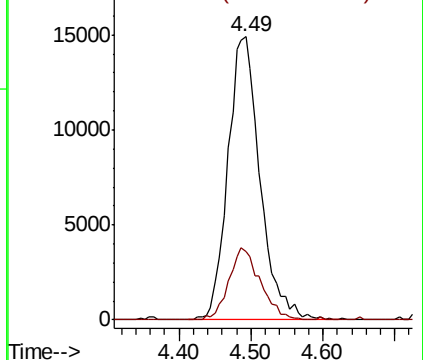
43 100

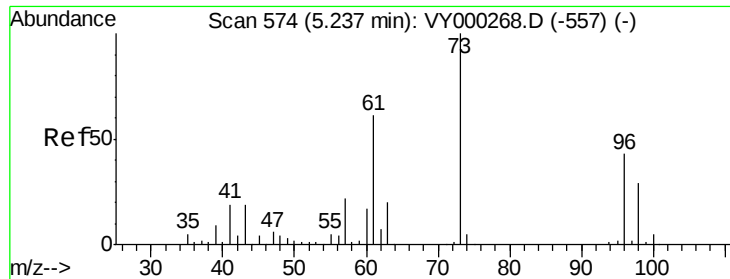
74 24.9 20.4 30.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0





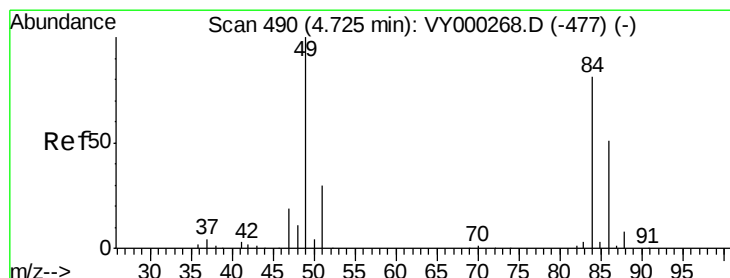
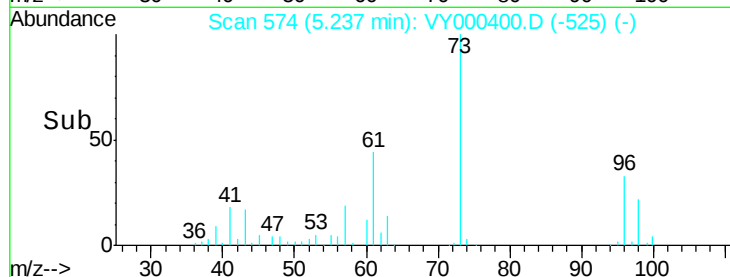
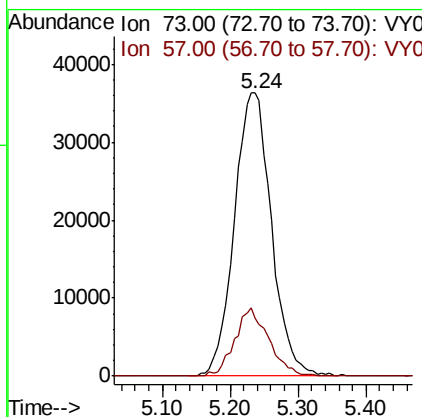
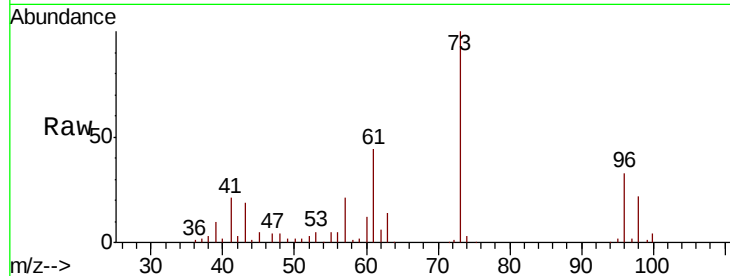
#19
Methvl tert-butvl Ether
Concen: 71.233 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 137780
Ion Ratio Lower Upper
73 100
57 20.5 17.4 26.0

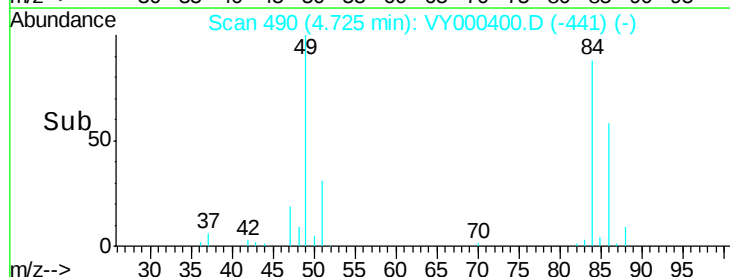
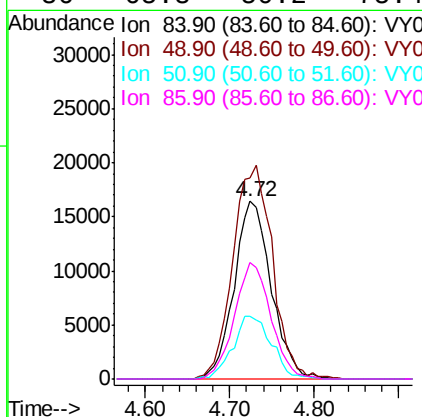
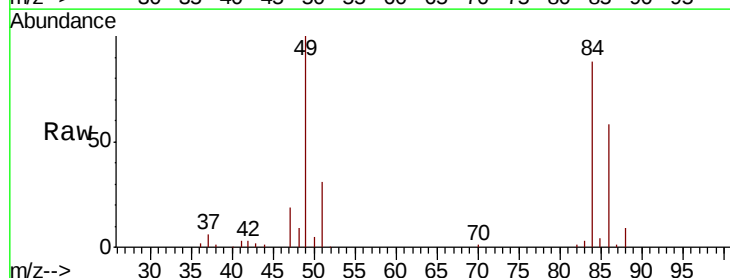
Manual Integrations
APPROVED

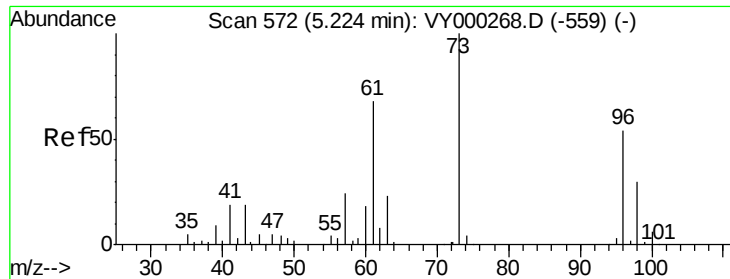
MMDadoda
10/24/2019 4:30:46 PM



#20
Methylene Chloride
Concen: 63.480 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion: 84 Resp: 49104
Ion Ratio Lower Upper
84 100
49 113.4 99.0 148.4
51 35.5 29.3 43.9
86 65.8 50.2 75.4





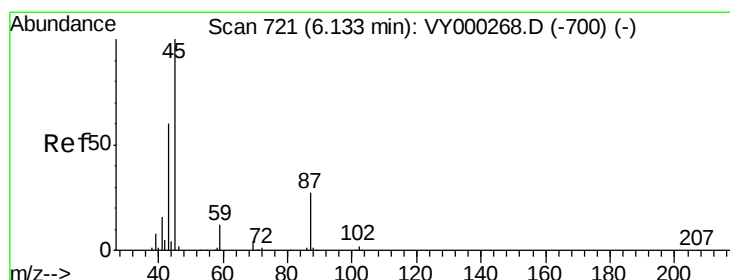
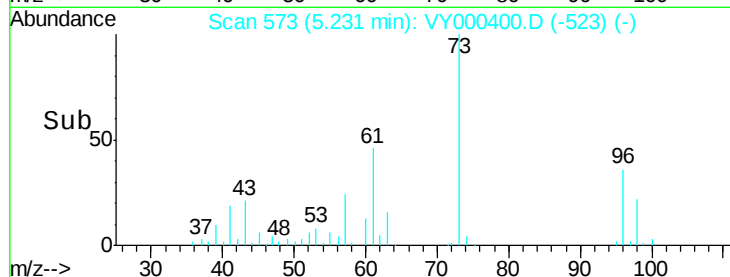
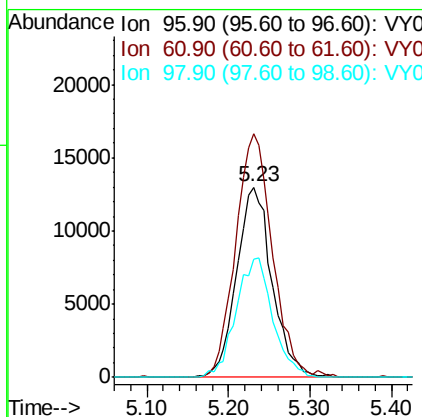
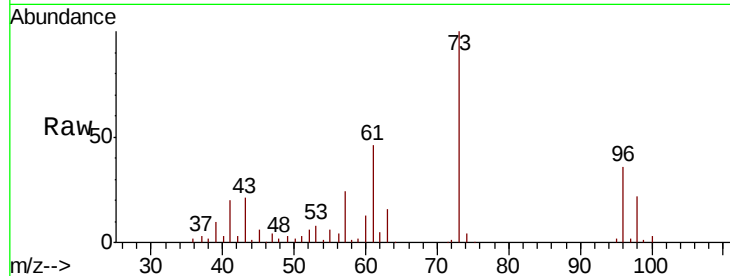
#21
trans-1,2-Dichloroethene
Concen: 49.022 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.9	100.4	150.6
98	62.2	44.6	66.8

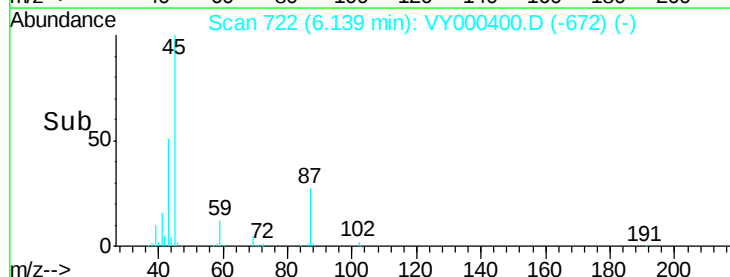
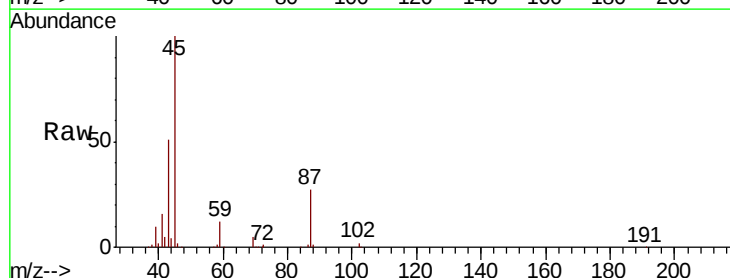
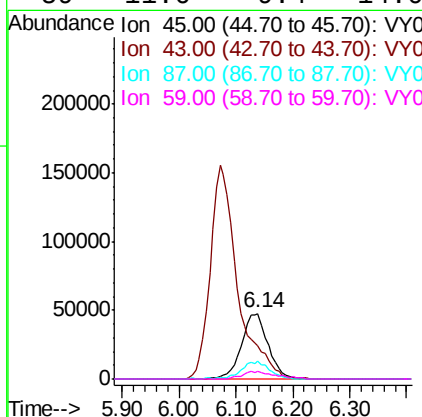
Manual Integrations
APPROVED

MMDadoda
10/24/2019 4:30:46 PM



#22
Diisopropyl ether
Concen: 64.370 ug/l
RT: 6.14 min Scan# 722
Delta R.T. 0.01 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion	Ratio	Lower	Upper
45	100		
43	50.1	48.5	72.7
87	27.1	21.5	32.3
59	11.6	9.4	14.0





#23

Vinyl Acetate

Concen: 325.204 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.01 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 516670

Ion Ratio Lower Upper

43 100

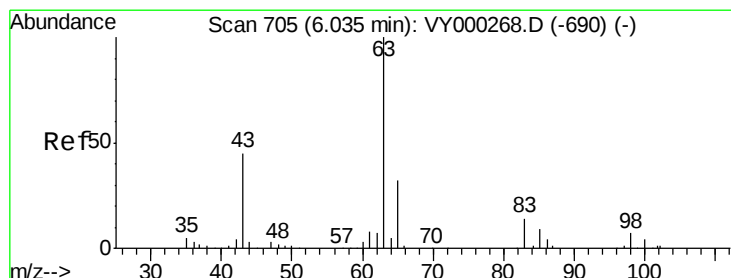
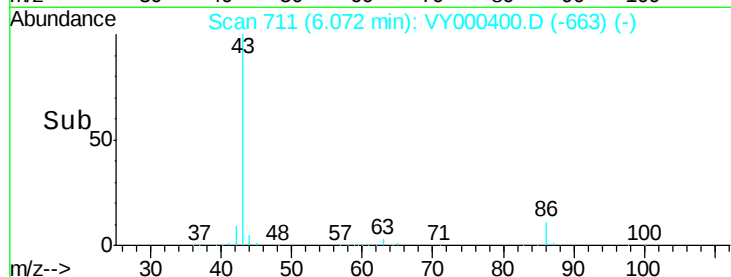
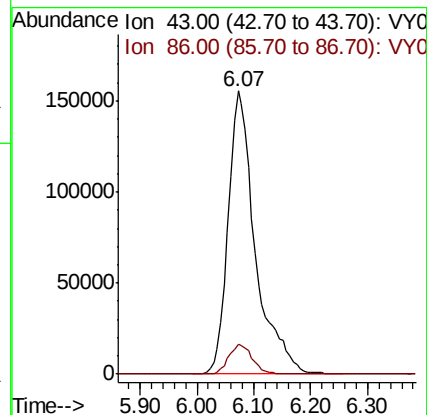
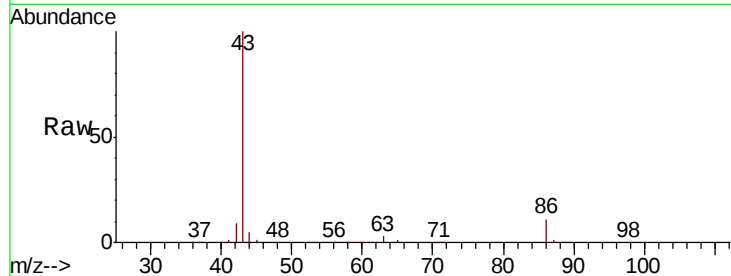
86 10.6 8.6 13.0

Manual Integrations

APPROVED

MMDadoda

10/24/2019 4:30:46 PM



#24

1,1-Dichloroethane

Concen: 56.763 ug/l

RT: 6.04 min Scan# 705

Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

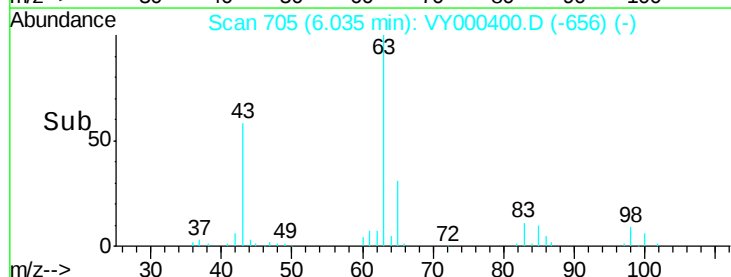
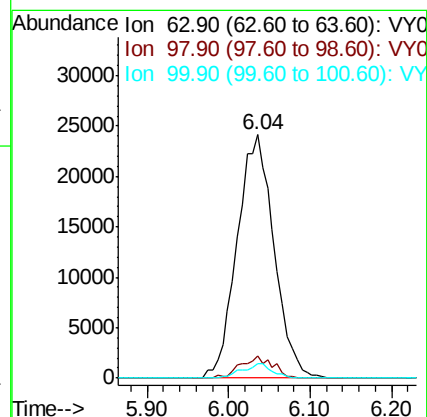
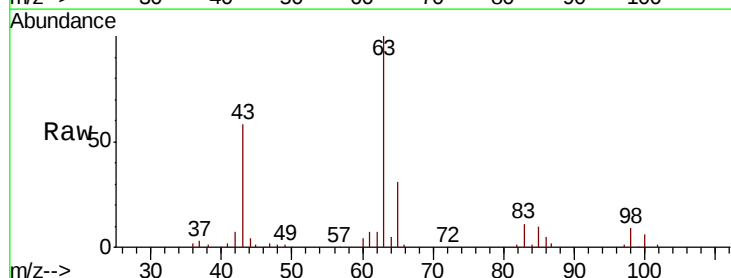
Tgt Ion: 63 Resp: 75454

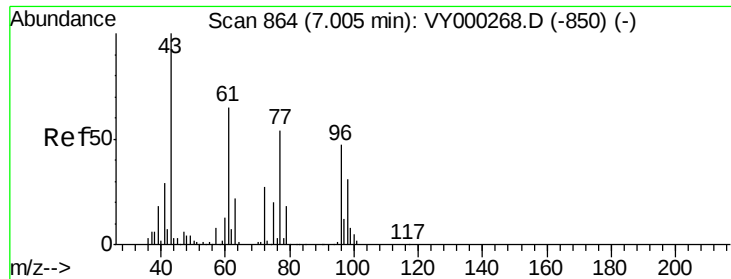
Ion Ratio Lower Upper

63 100

98 9.3 3.5 10.4

100 6.2 2.1 6.2#





#25

2-Butanone

Concen: 351.441 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 116344

Ion Ratio Lower Upper

43 100

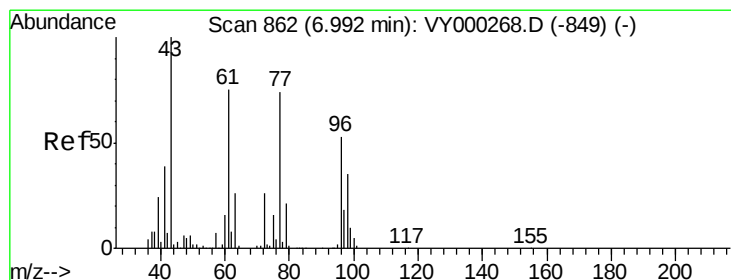
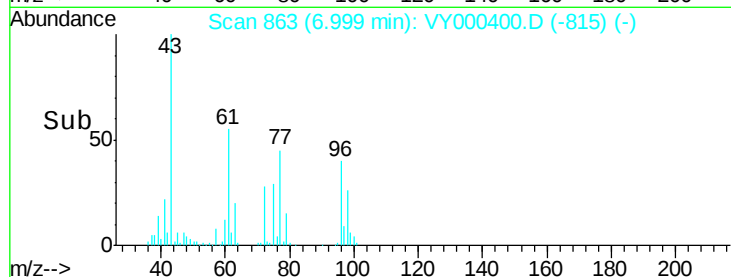
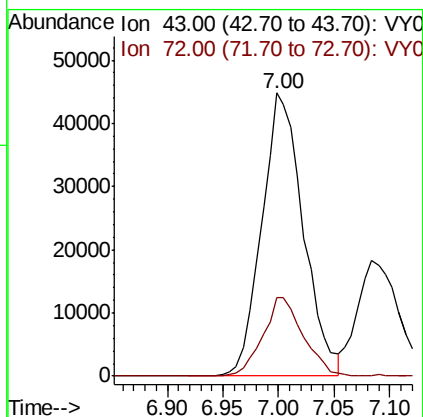
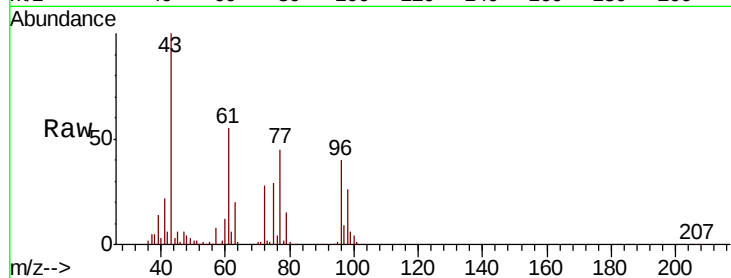
72 27.6 21.4 32.2

Manual Integrations

APPROVED

MMDadoda

10/24/2019 4:30:46 PM



#26

2,2-Dichloropropane

Concen: 46.791 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY000400.D

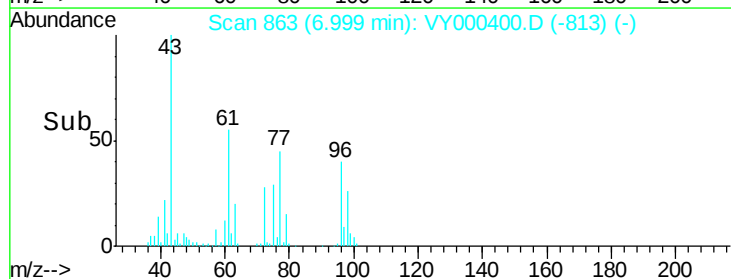
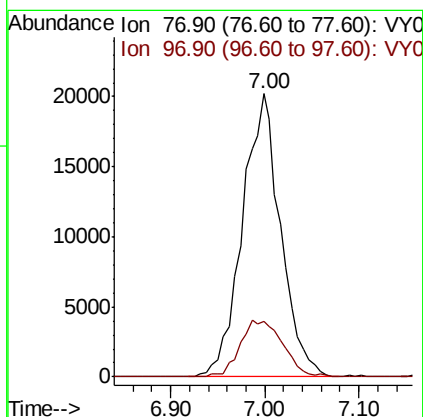
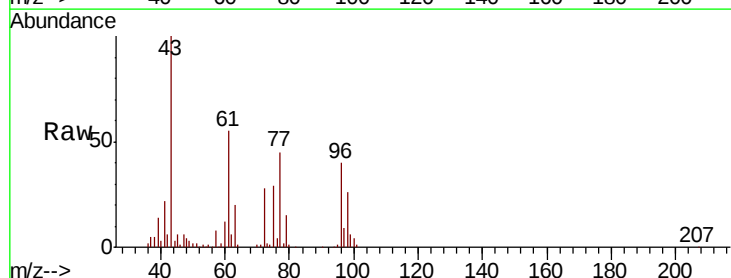
Acq: 23 Oct 2019 22:32

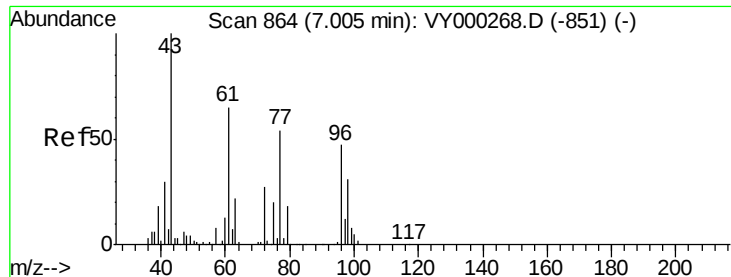
Tgt Ion: 77 Resp: 57313

Ion Ratio Lower Upper

77 100

97 22.2 11.6 34.7





#27

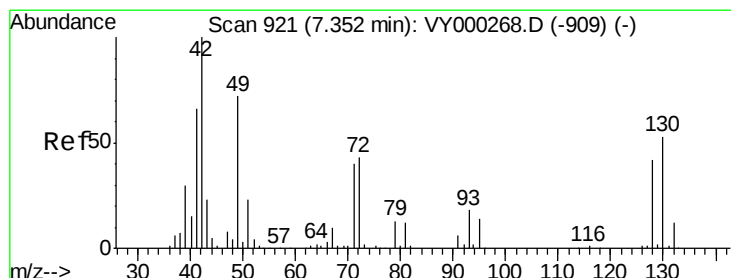
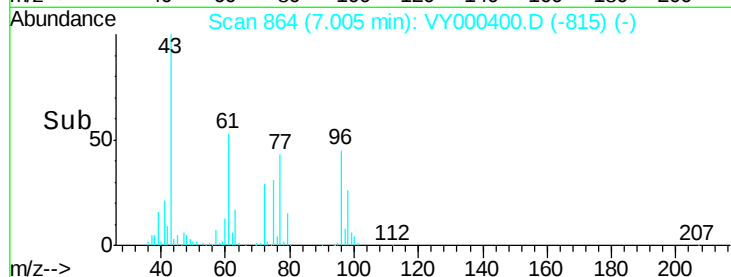
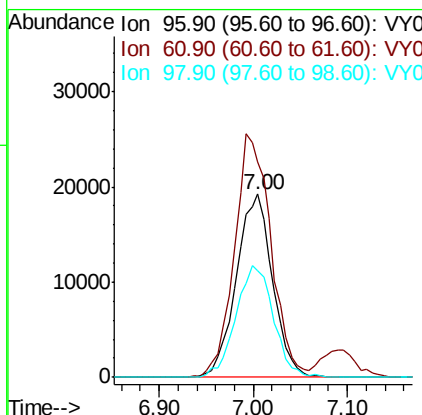
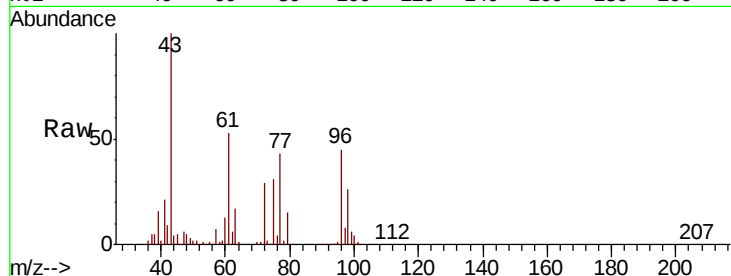
cis-1,2-Dichloroethene
Concen: 60.040 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	133.7	0.0	289.8
98	63.1	0.0	131.8

Manual Integrations
APPROVED

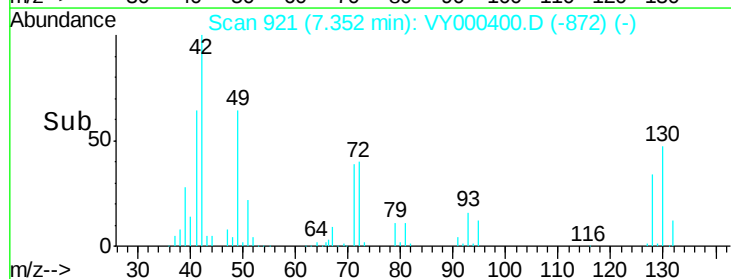
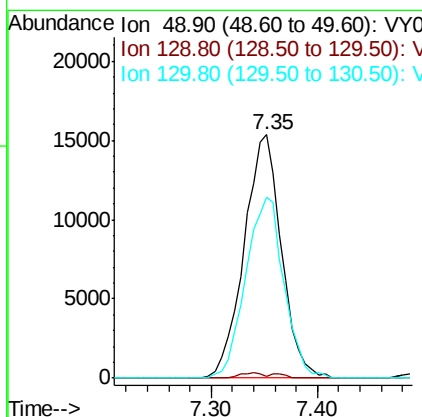
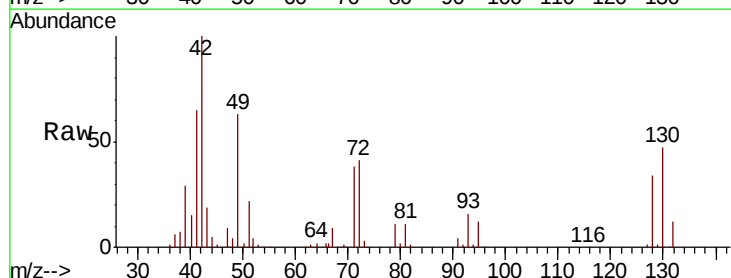
MMDadoda
10/24/2019 4:30:46 PM

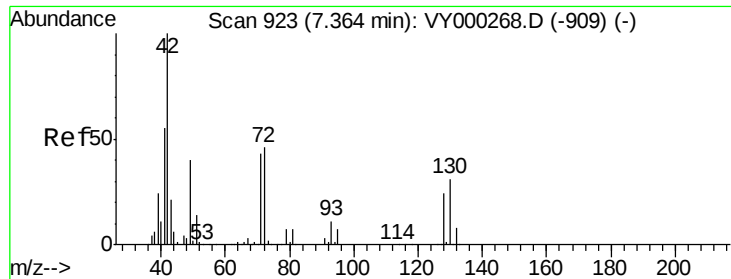


#28

Bromochloromethane
Concen: 66.164 ug/l
RT: 7.35 min Scan# 921
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	4.0
130	76.0	58.2	87.2





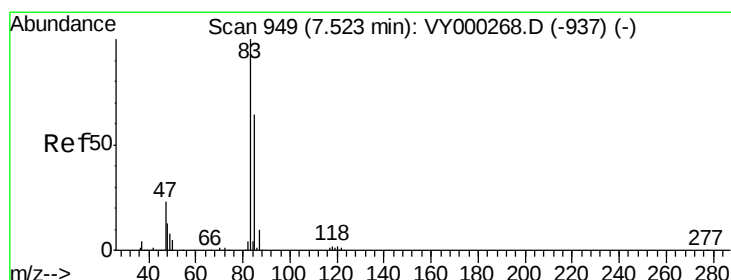
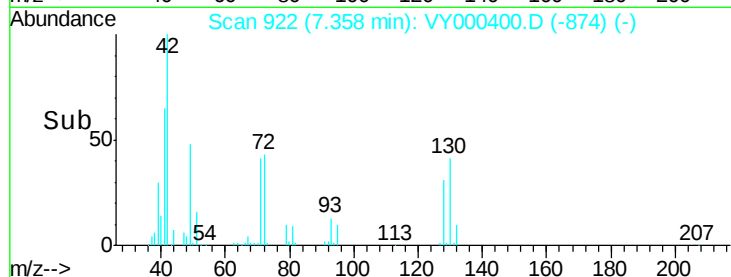
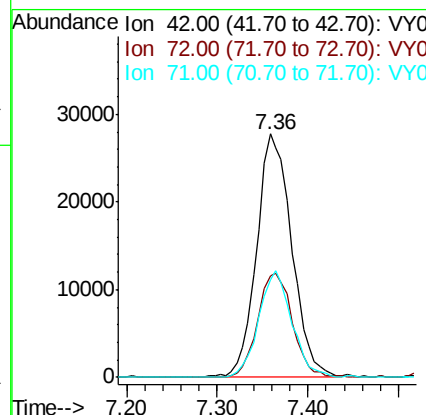
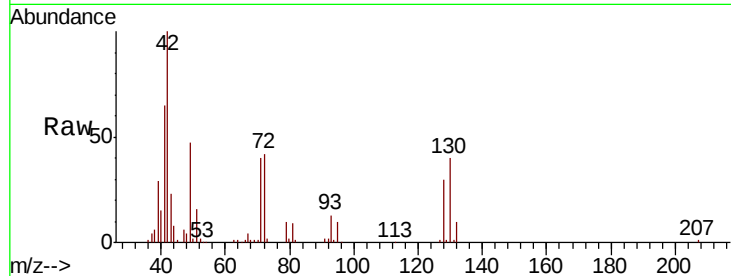
#29
Tetrahydrofuran
Concen: 371.359 ug/l
RT: 7.36 min Scan# 922
Delta R.T. -0.01 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	42.4	34.5	51.7
71	41.3	32.7	49.1

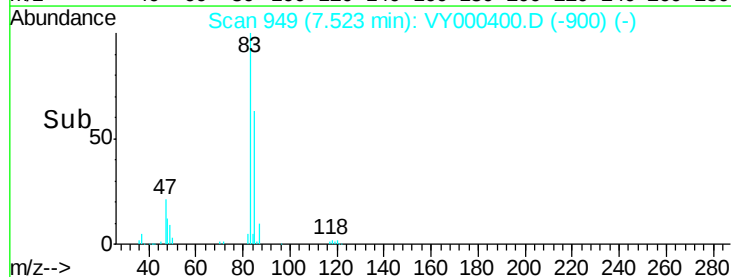
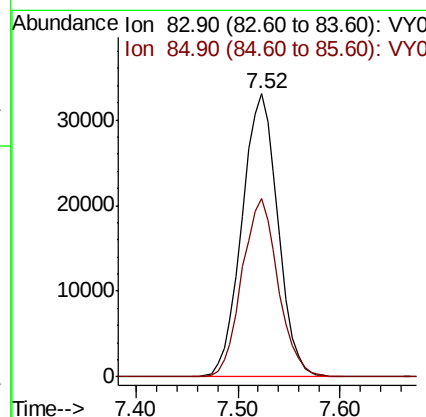
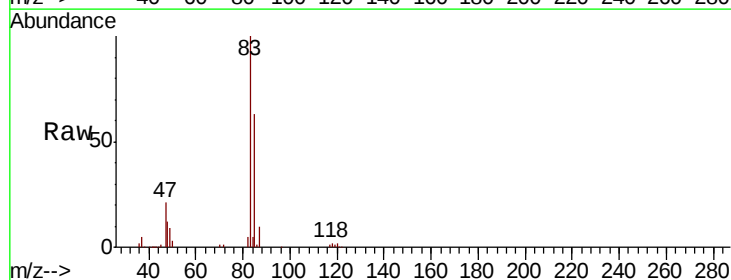
Manual Integrations
APPROVED

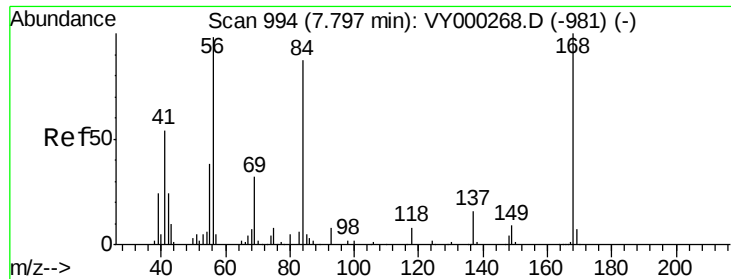
MMDadoda
10/24/2019 4:30:46 PM



#30
Chloroform
Concen: 60.405 ug/l
RT: 7.52 min Scan# 949
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.4	77.2





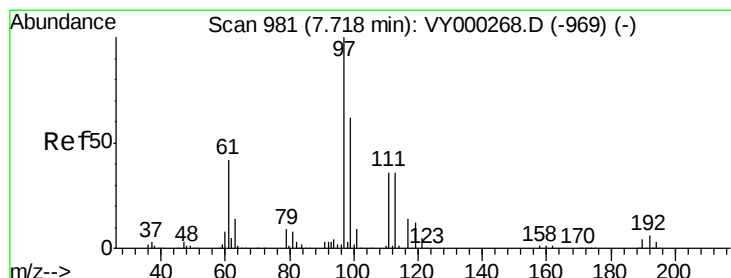
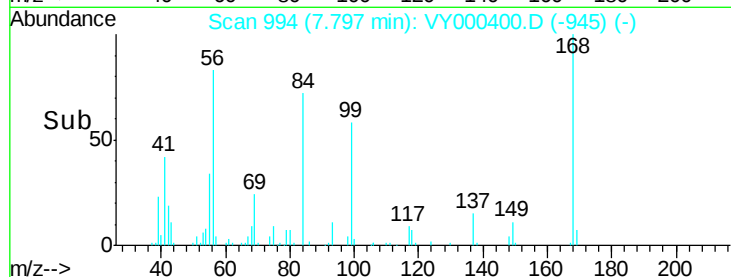
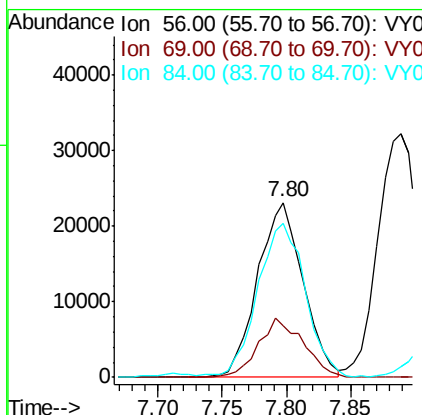
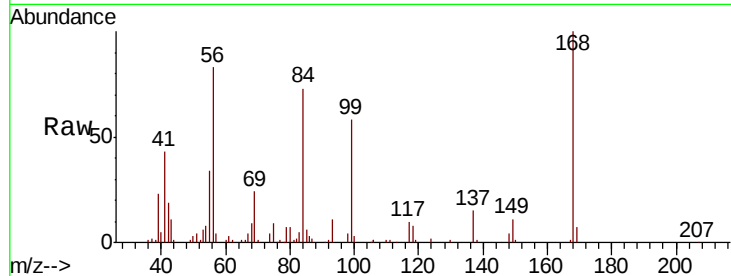
#31
Cyclohexane
Concen: 40.755 ug/l
RT: 7.80 min Scan# 994
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.3	26.3	39.5
84	85.8	70.8	106.2

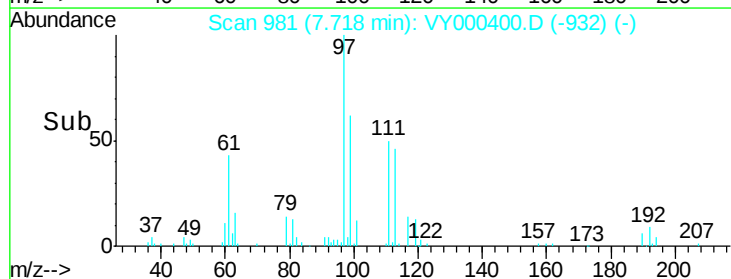
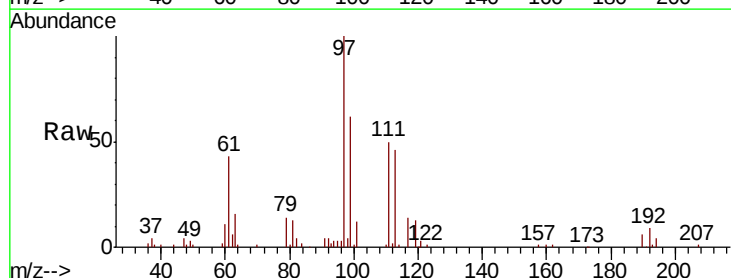
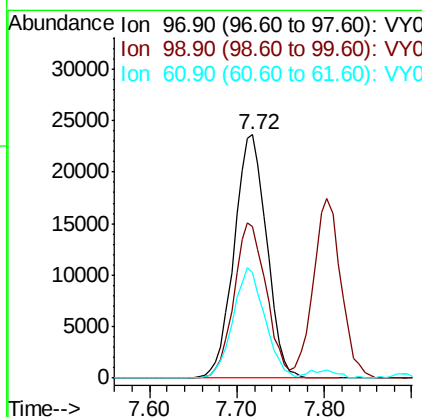
Manual Integrations
APPROVED

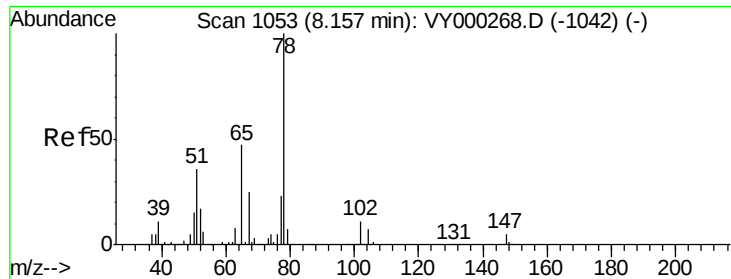
MMDadoda
10/24/2019 4:30:46 PM



#32
1,1,1-Trichloroethane
Concen: 51.341 ug/l
RT: 7.72 min Scan# 981
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.7	77.5
61	44.4	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 67.903 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 49276

Ion Ratio Lower Upper

65 100

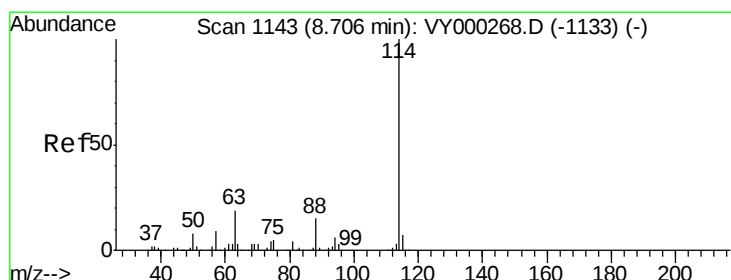
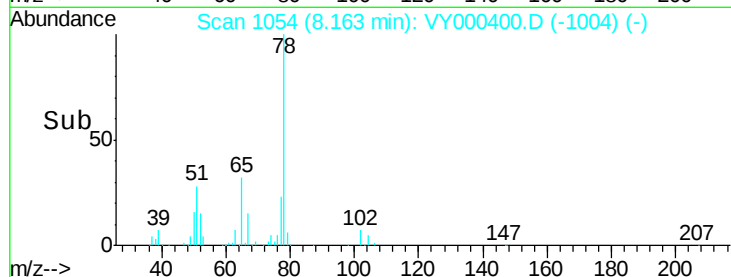
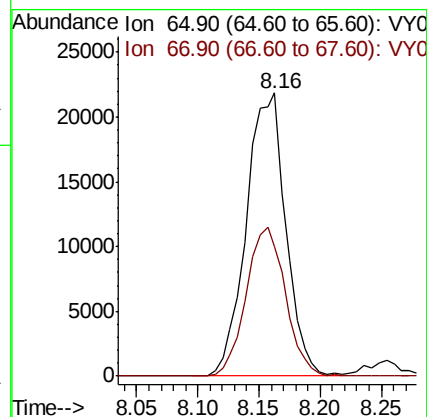
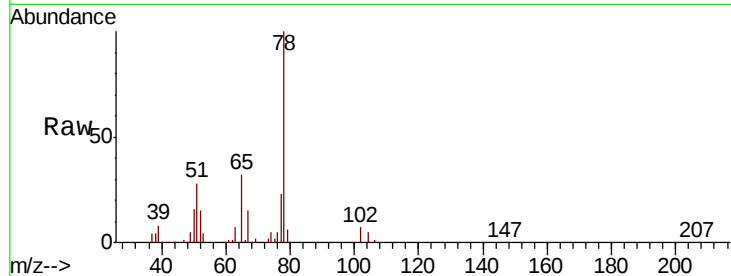
67 51.9 0.0 109.4

Manual Integrations

APPROVED

MMDadoda

10/24/2019 4:30:46 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

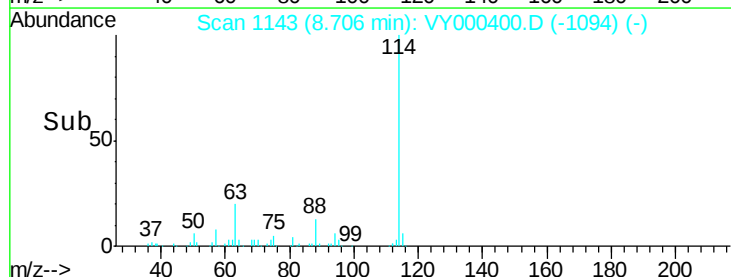
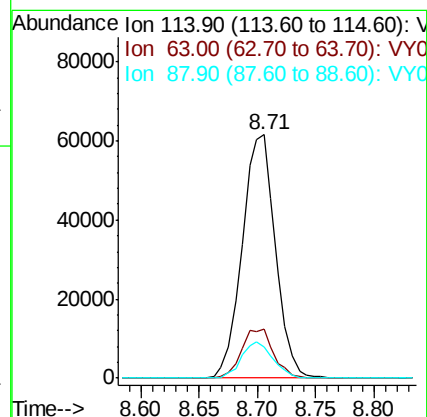
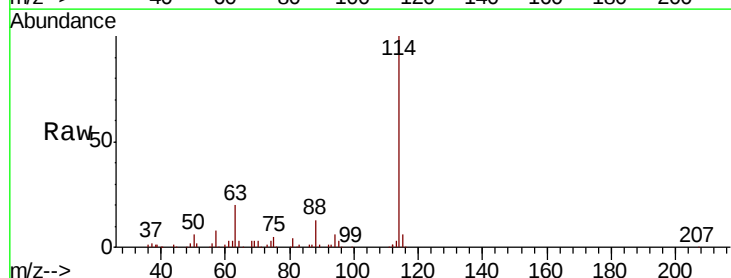
Tgt Ion: 114 Resp: 122330

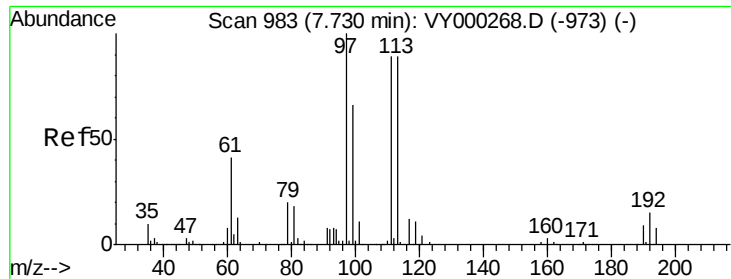
Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.2

88 12.8 0.0 30.2





#35

Dibromofluoromethane

Concen: 56.551 ug/l

RT: 7.74 min Scan# 984

Delta R.T. 0.01 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

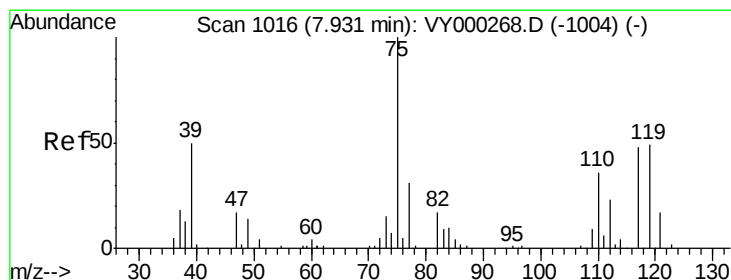
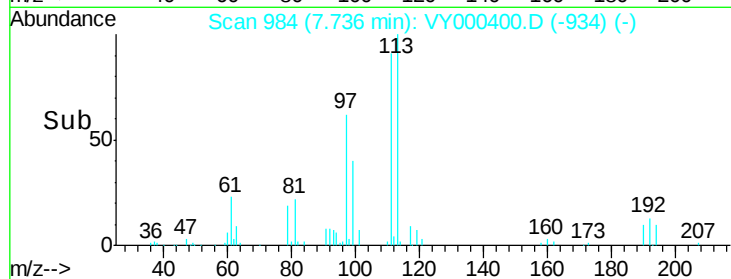
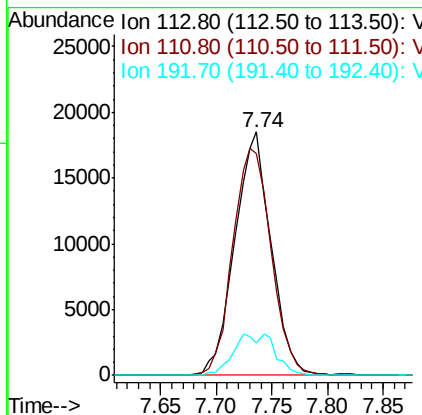
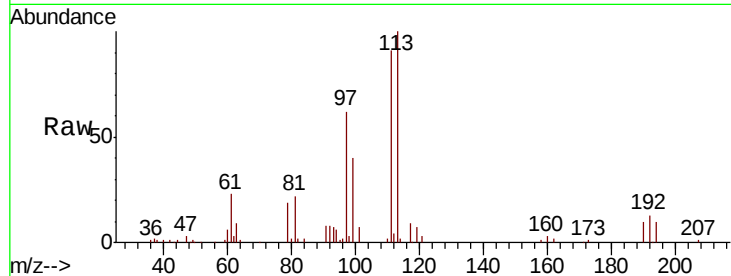
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	41729
Ion	Ratio	Lower	Upper
113	100		
111	99.0	81.6	122.4
192	19.4	15.3	22.9

Manual Integrations
APPROVED

MMDadoda
10/24/2019 4:30:46 PM



#36

1,1-Dichloropropene

Concen: 43.480 ug/l

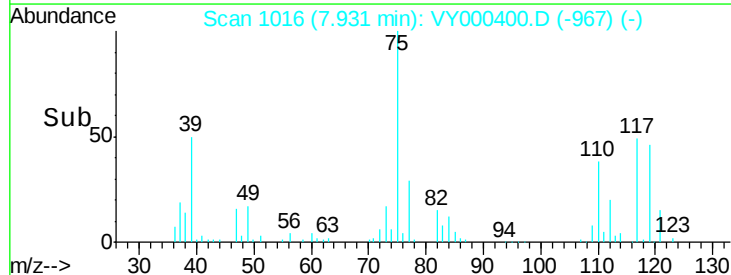
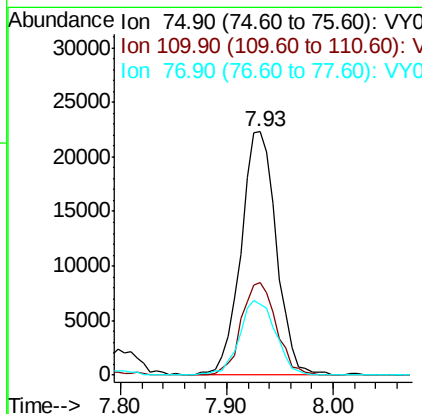
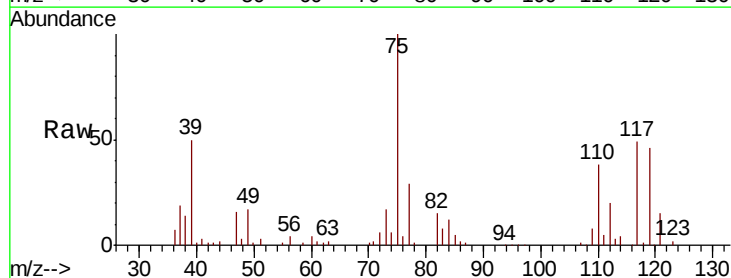
RT: 7.93 min Scan# 1016

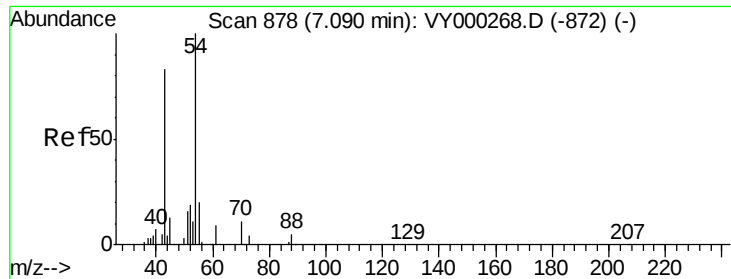
Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Tgt Ion:	75	Resp:	52075
Ion	Ratio	Lower	Upper
75	100		
110	37.3	18.4	55.4
77	31.3	25.0	37.6





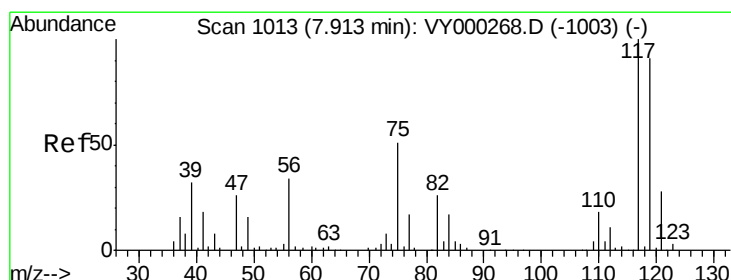
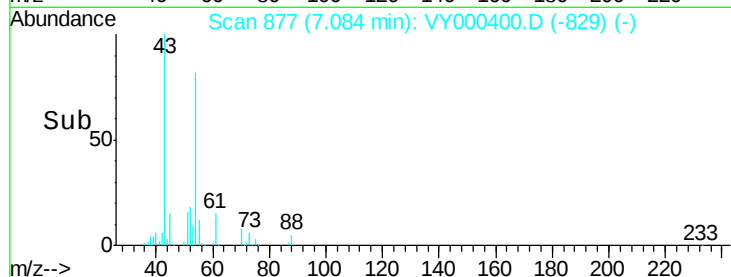
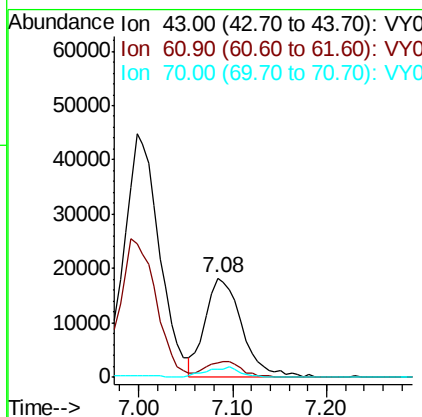
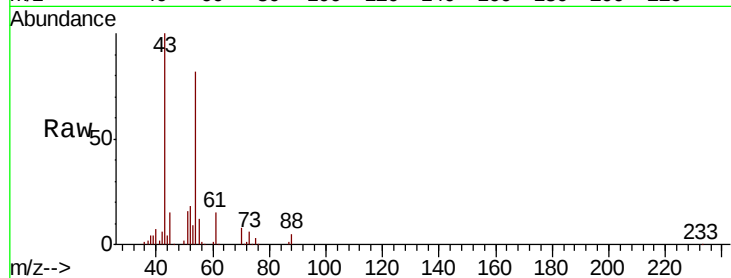
#37
Ethyl Acetate
Concen: 69.647 ug/l
RT: 7.08 min Scan# 877
Delta R.T. -0.01 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.1	18.1
70	9.7	8.7	13.1

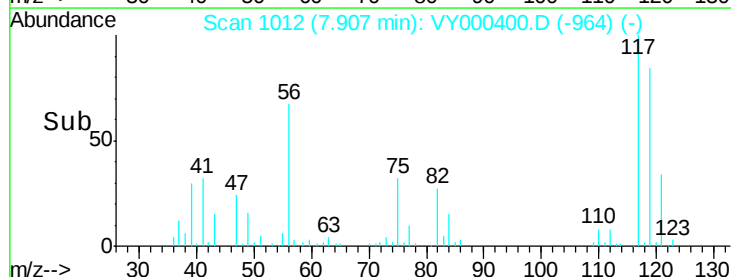
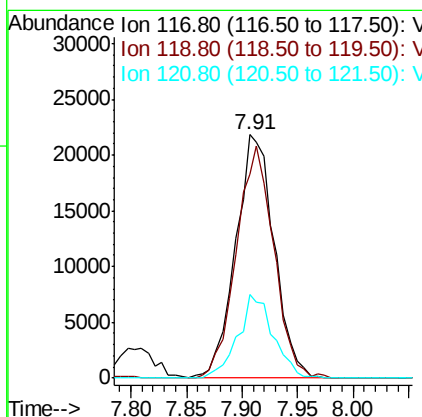
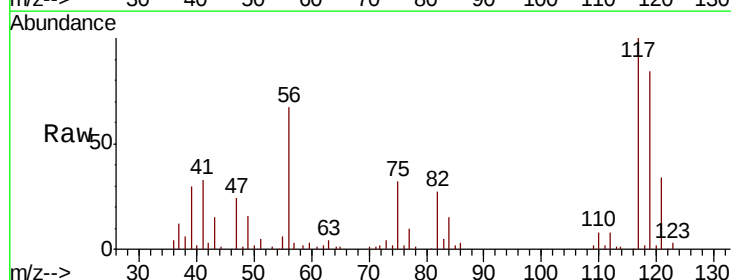
Manual Integrations
APPROVED

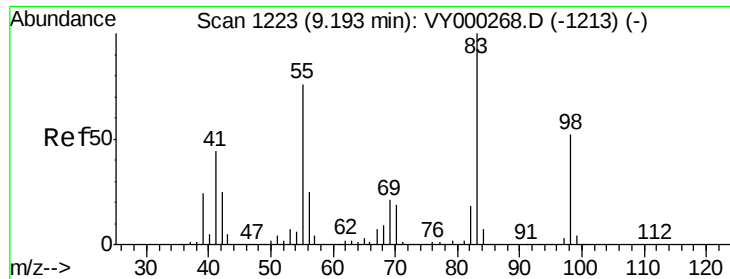
MMDadoda
10/24/2019 4:30:46 PM



#38
Carbon Tetrachloride
Concen: 45.288 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.01 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	83.6	72.8	109.2
121	34.4	22.2	33.2#





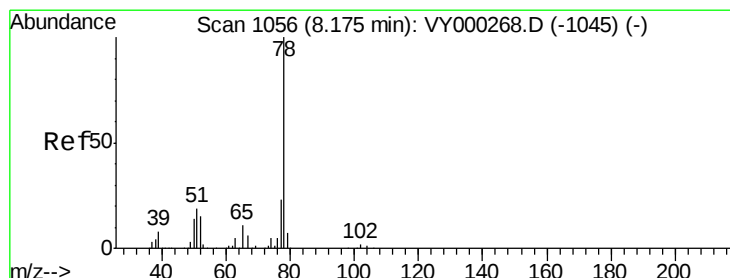
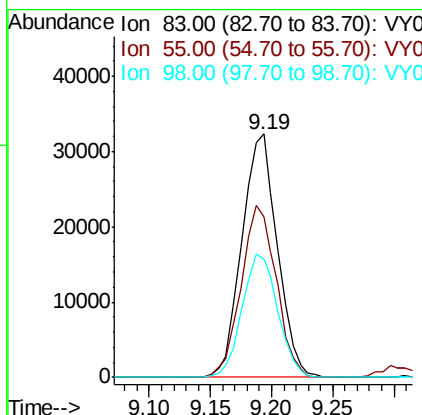
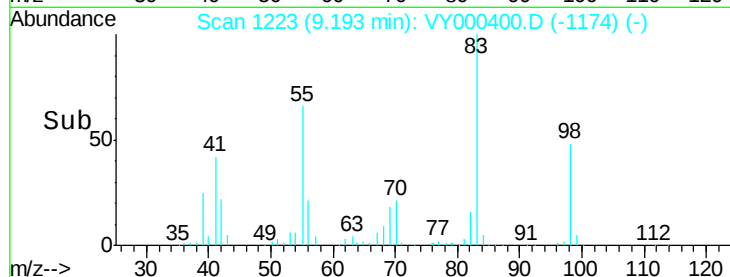
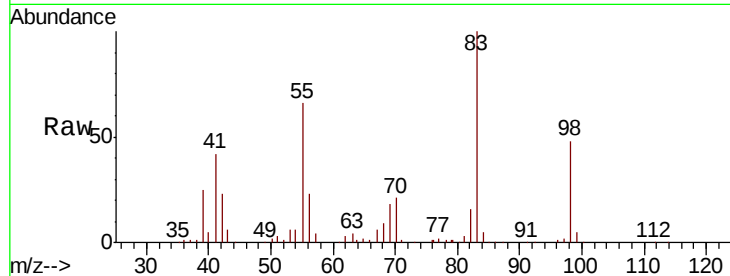
#39
Methvlcvclohexane
Concen: 41.549 ug/l
RT: 9.19 min Scan# 1223
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	83.00	Resp	65130
Ion	Ratio	Lower	Upper
83	100		
55	65.8	60.9	91.3
98	48.5	41.8	62.6

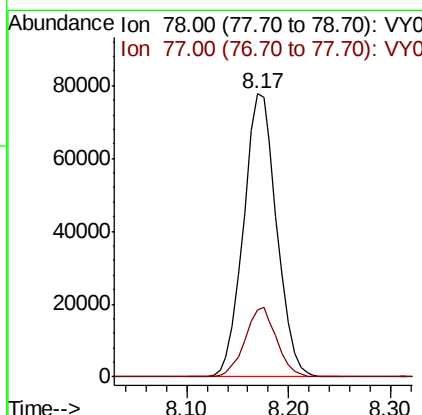
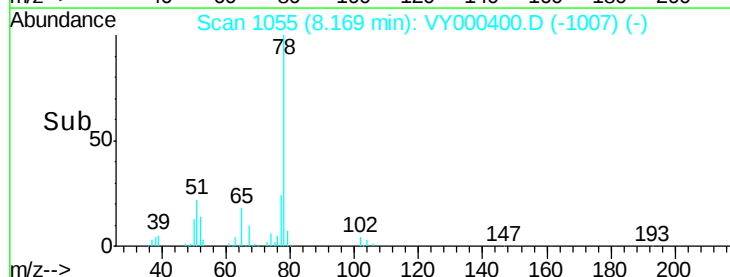
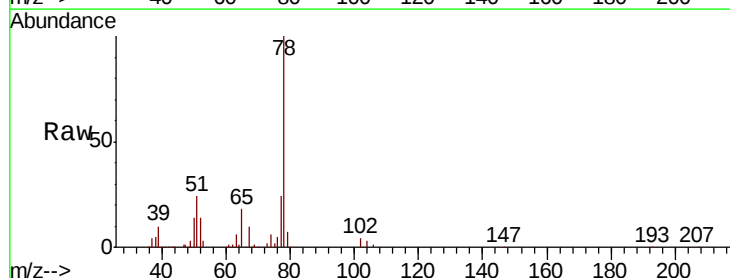
Manual Integrations
APPROVED

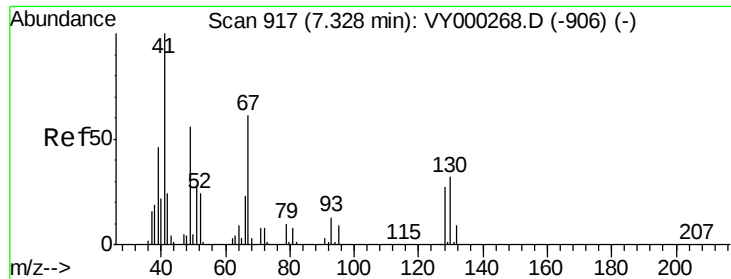
MMDadoda
10/24/2019 4:30:46 PM



#40
Benzene
Concen: 50.721 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. -0.01 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion	78	Resp	175555
Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2





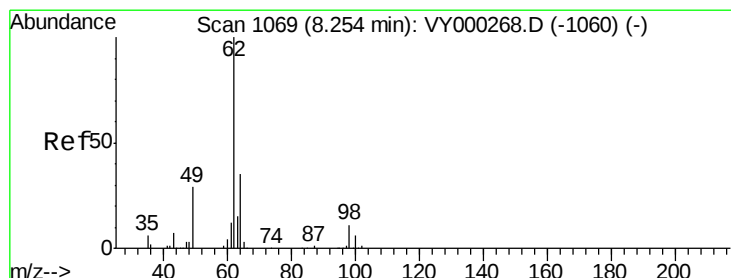
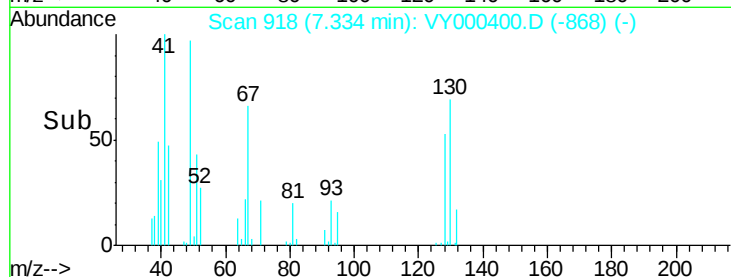
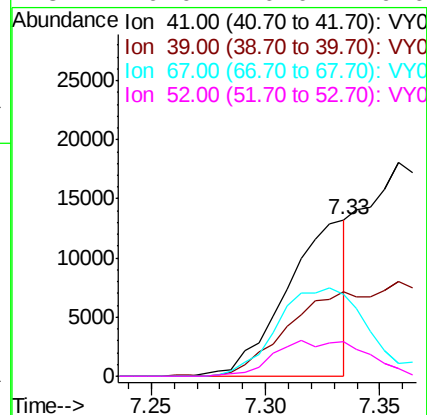
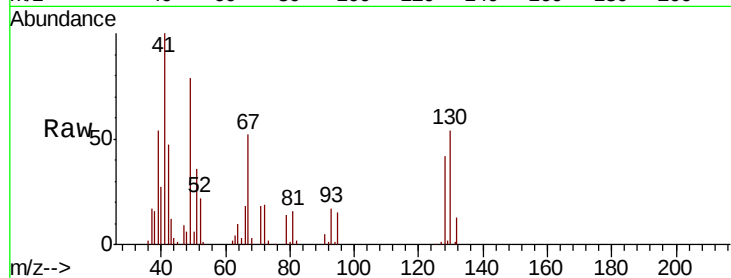
#41
Methacrylonitrile
Concen: 71.704 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.01 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	41	Resp	24205
Ion Ratio	Lower	Upper	
41	100		
39	0.0	110.2	165.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

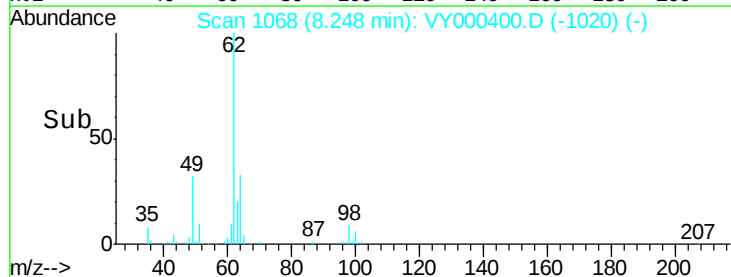
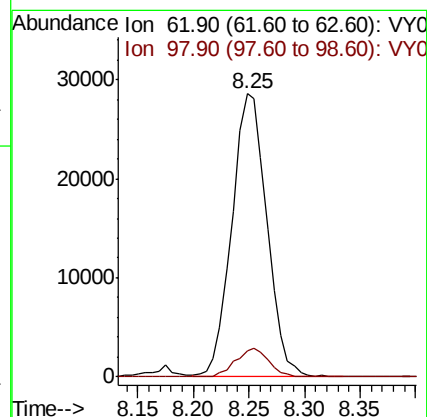
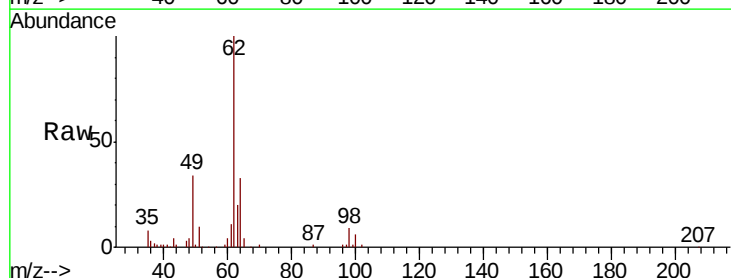
Manual Integrations
APPROVED

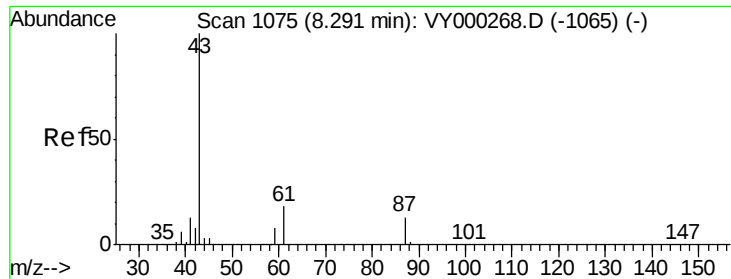
MMDadoda
10/24/2019 4:30:46 PM



#42
1,2-Dichloroethane
Concen: 63.035 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion	62	Resp	62322
Ion Ratio	Lower	Upper	
62	100		
98	9.6	0.0	20.6





#43

Isopropyl Acetate

Concen: 70.180 ug/l

RT: 8.28 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

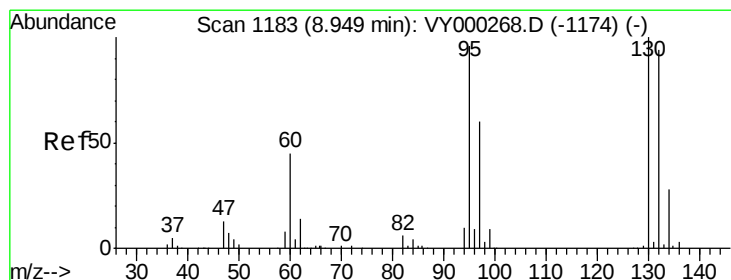
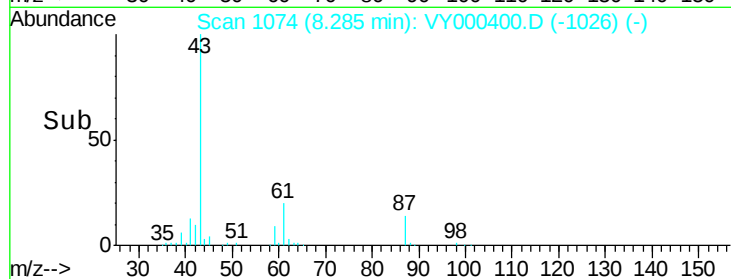
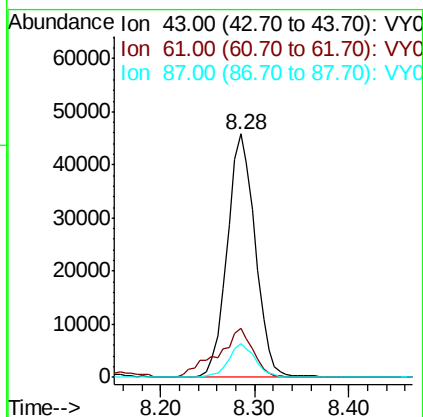
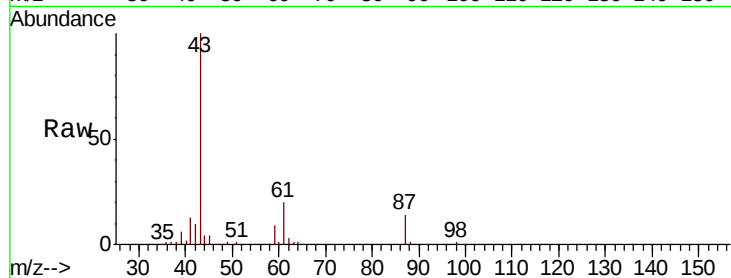
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	94634
Ion	Ratio	Lower	Upper
43	100		
61	25.4	22.3	33.5
87	13.2	10.9	16.3

Manual Integrations
APPROVED

MMDadoda
10/24/2019 4:30:46 PM



#44

Trichloroethene

Concen: 50.102 ug/l

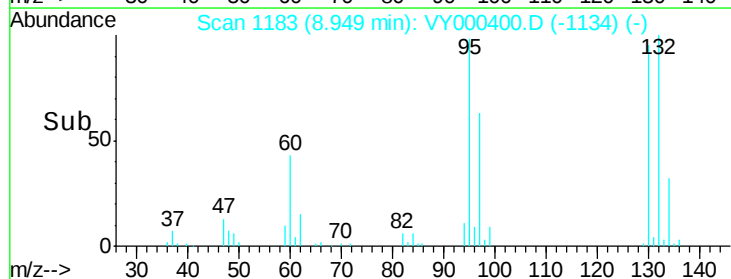
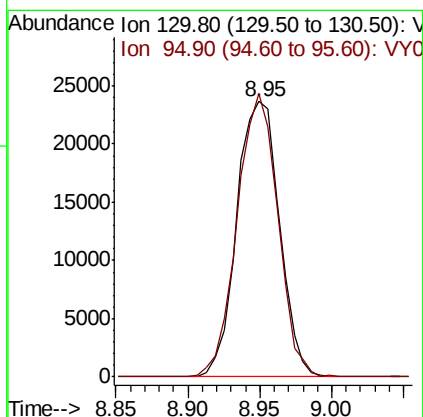
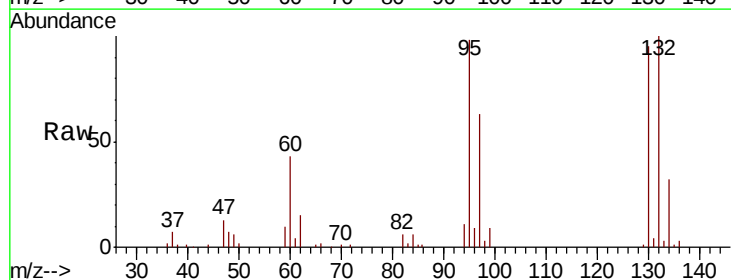
RT: 8.95 min Scan# 1183

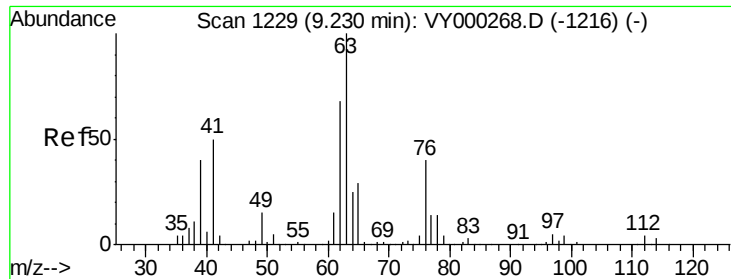
Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Tgt Ion:	130	Resp:	48657
Ion	Ratio	Lower	Upper
130	100		
95	102.9	0.0	191.4





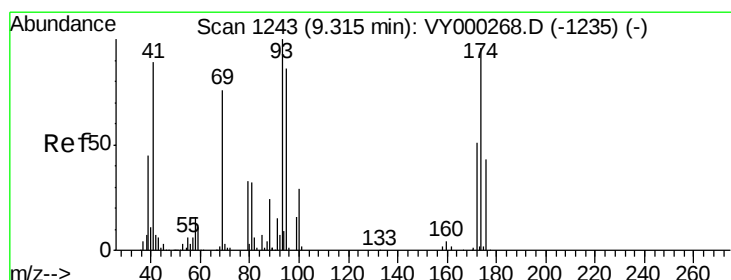
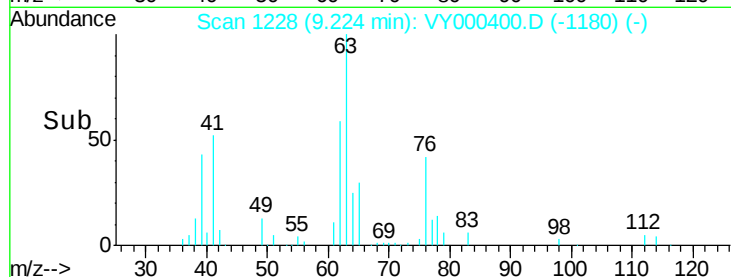
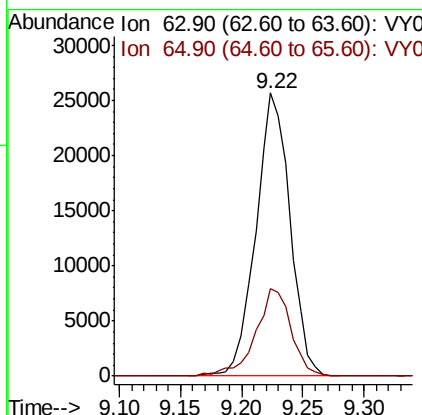
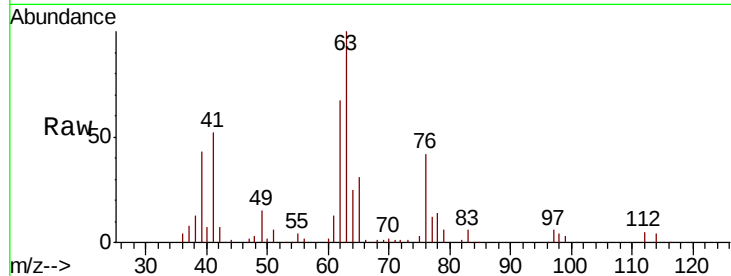
#45
 1,2-Dichloropropane
 Concen: 58.686 ug/l
 RT: 9.22 min Scan# 1228
 Delta R.T. -0.01 min
 Lab File: VY000400.D
 Acq: 23 Oct 2019 22:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.8	23.2	34.8

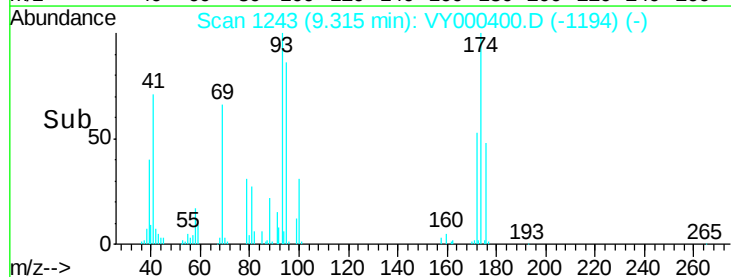
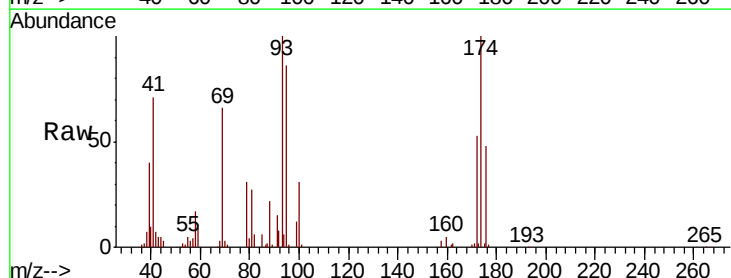
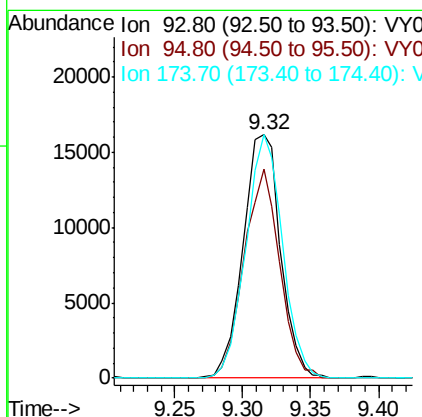
Manual Integrations
 APPROVED

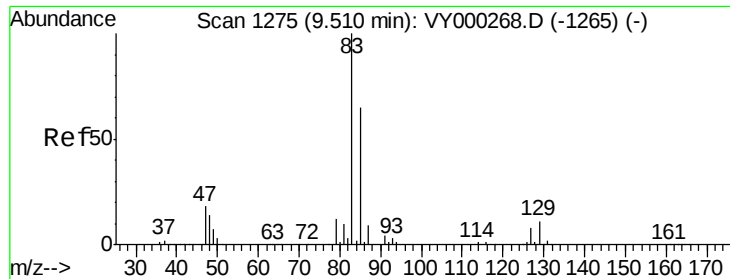
MMDadoda
 10/24/2019 4:30:46 PM



#46
 Dibromomethane
 Concen: 65.917 ug/l
 RT: 9.32 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: VY000400.D
 Acq: 23 Oct 2019 22:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.4	68.2	102.2
174	97.5	79.8	119.6





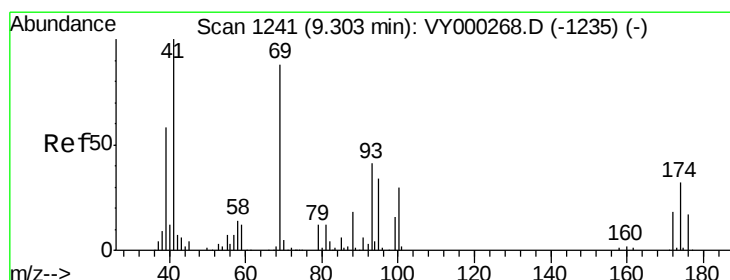
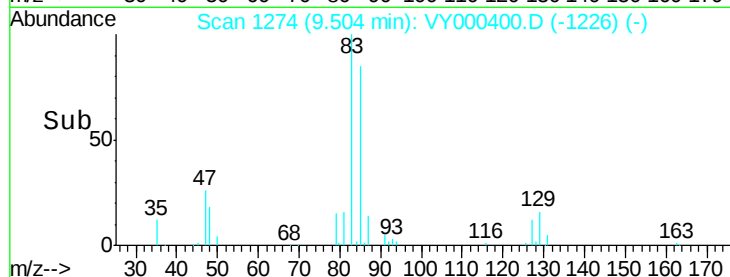
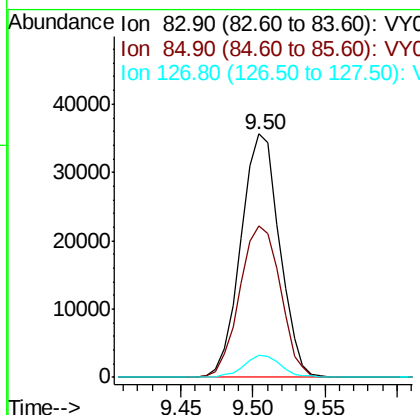
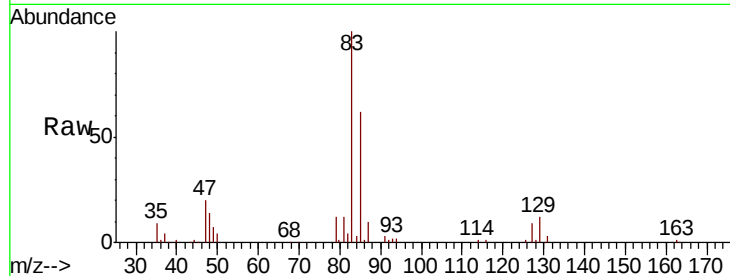
#47
Bromodichloromethane
Concen: 59.117 ug/l
RT: 9.50 min Scan# 1274
Delta R.T. -0.01 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	66153
Ion Ratio	100	Lower	Upper
83	100		
85	62.4	52.2	78.2
127	9.1	6.3	9.5

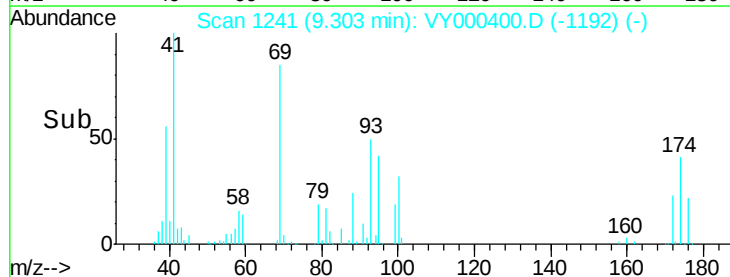
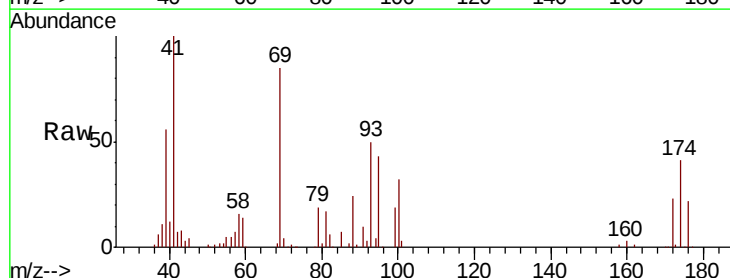
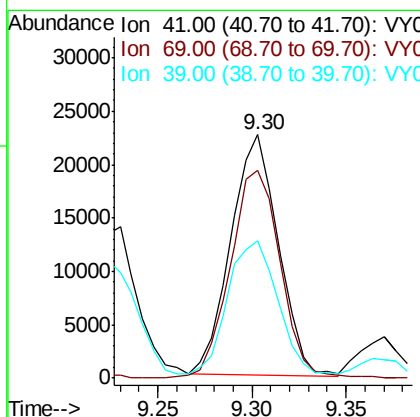
Manual Integrations
APPROVED

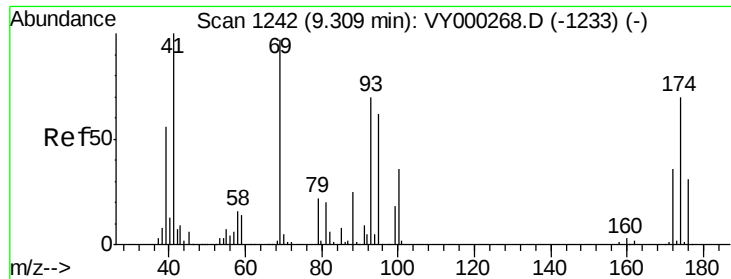
MMDadoda
10/24/2019 4:30:46 PM



#48
Methyl methacrylate
Concen: 66.431 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion	41	Resp	39258
Ion Ratio	100	Lower	Upper
41	100		
69	91.4	70.0	105.0
39	62.3	47.7	71.5





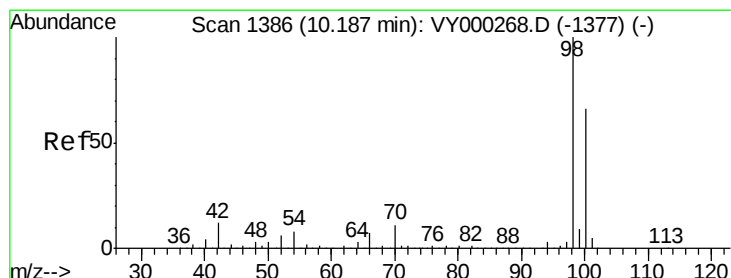
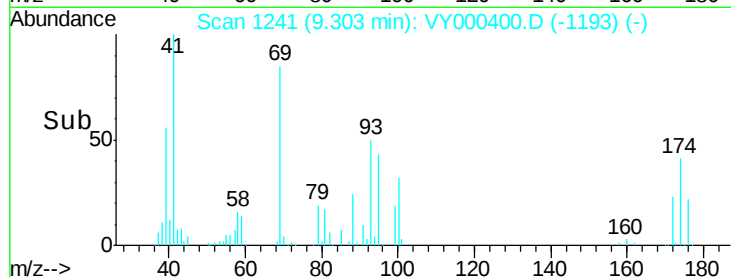
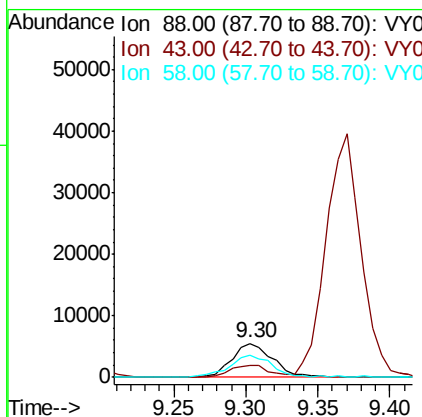
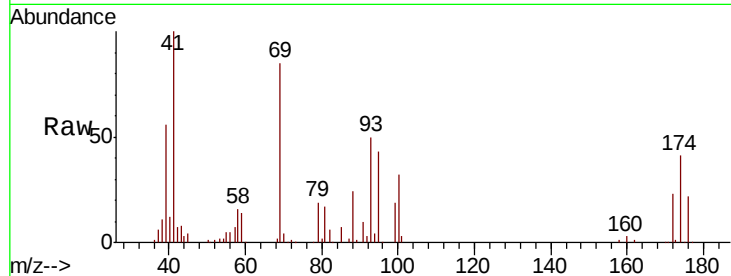
#49
1,4-Dioxane
Concen: 1525.274 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. -0.01 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	10859
Ion Ratio	100	Lower	Upper
88	100		
43	34.0	25.6	38.4
58	68.3	54.6	81.8

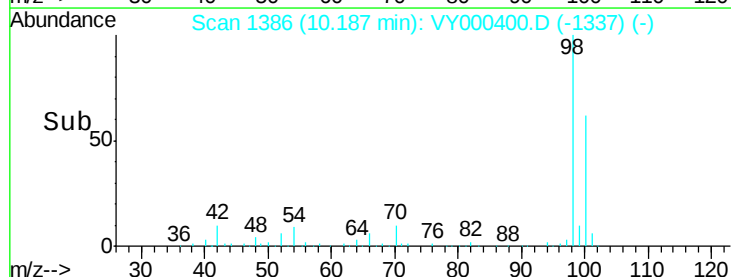
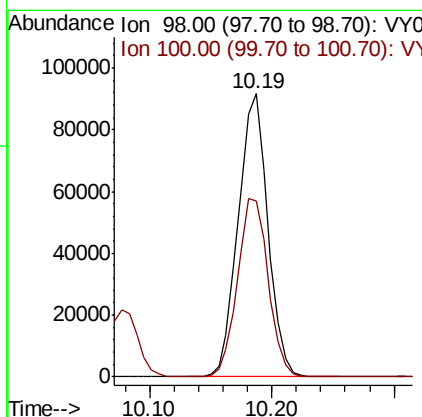
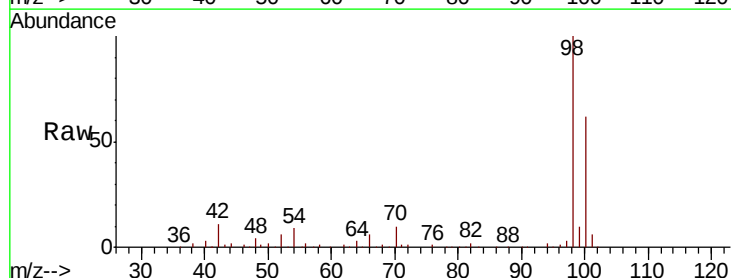
Manual Integrations
APPROVED

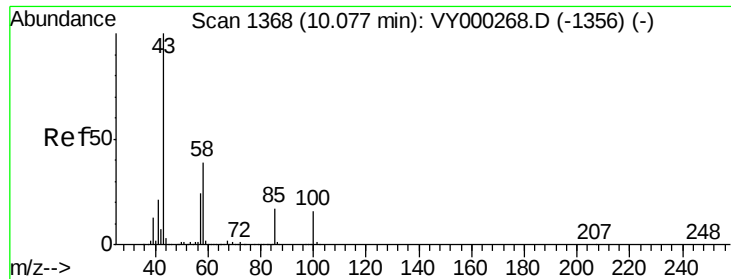
MMDadoda
10/24/2019 4:30:46 PM



#50
Toluene-d8
Concen: 54.156 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion	98	Resp	153723
Ion Ratio	100	Lower	Upper
98	100		
100	65.3	52.8	79.2





#51

4-Methyl-2-Pentanone

Concen: 352.766 ug/l

RT: 10.08 min Scan# 1368

Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 245345

Ion Ratio Lower Upper

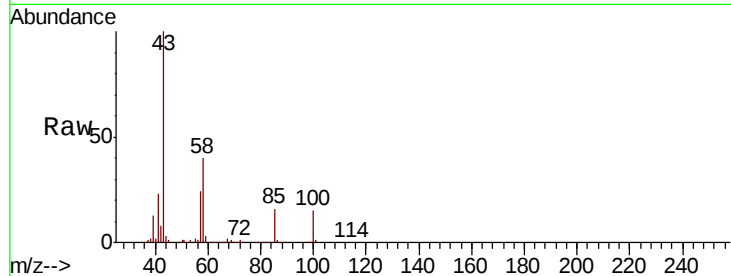
43 100

58 38.3 31.0 46.6

Manual Integrations
APPROVED

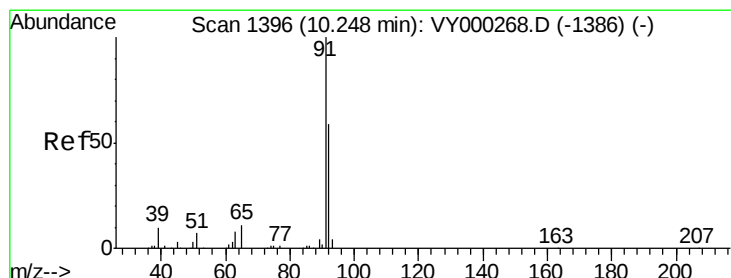
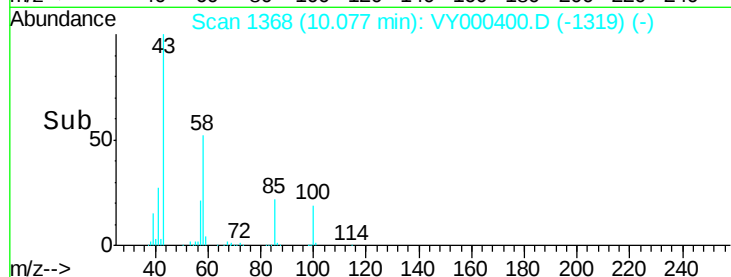
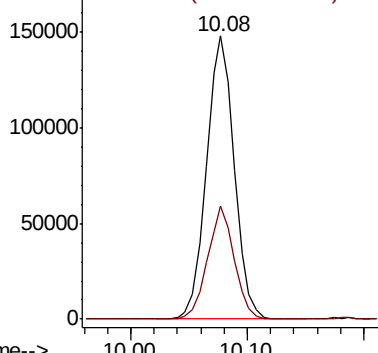
MMDadoda

10/24/2019 4:30:46 PM



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#52

Toluene

Concen: 51.526 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.00 min

Lab File: VY000400.D

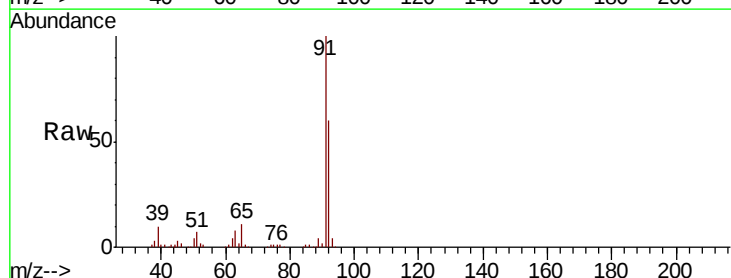
Acq: 23 Oct 2019 22:32

Tgt Ion: 92 Resp: 113228

Ion Ratio Lower Upper

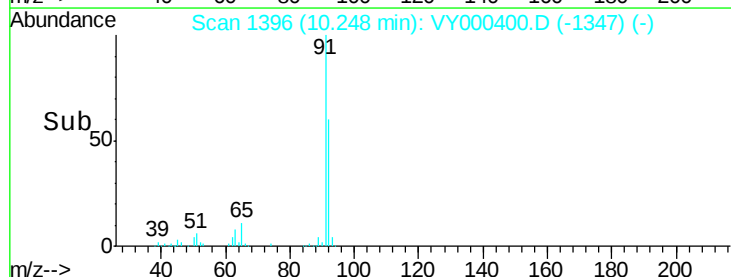
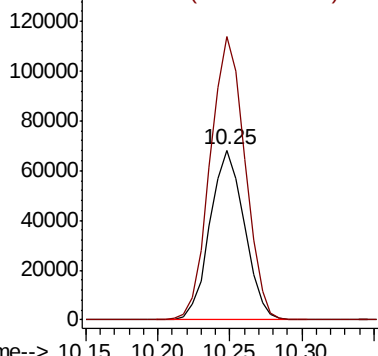
92 100

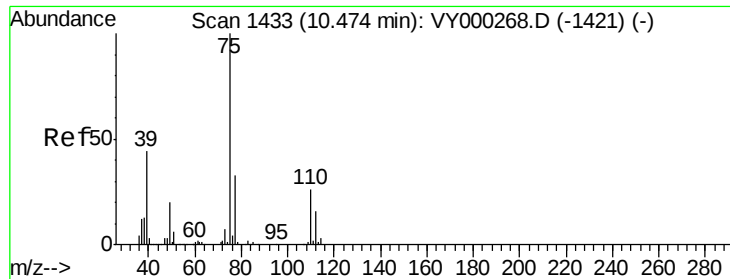
91 168.2 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0





#53

t-1,3-Dichloropropene

Concen: 59.358 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 71185

Ion Ratio Lower Upper

75 100

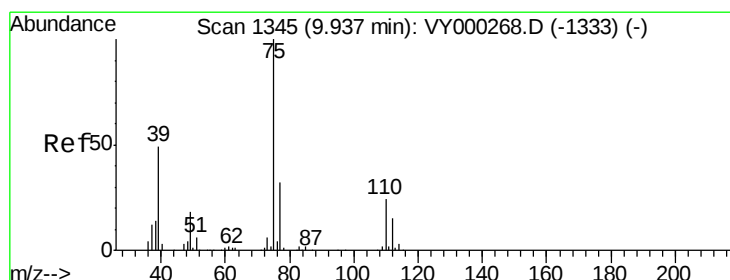
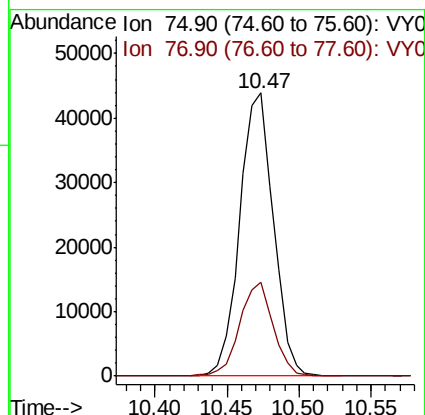
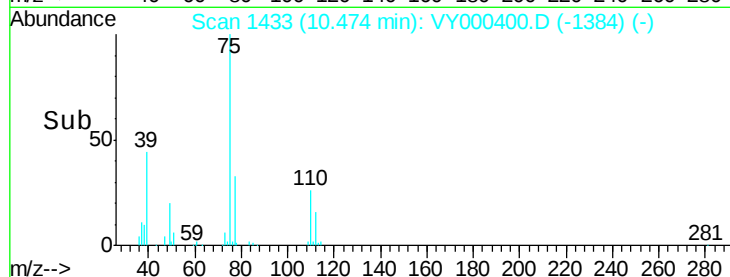
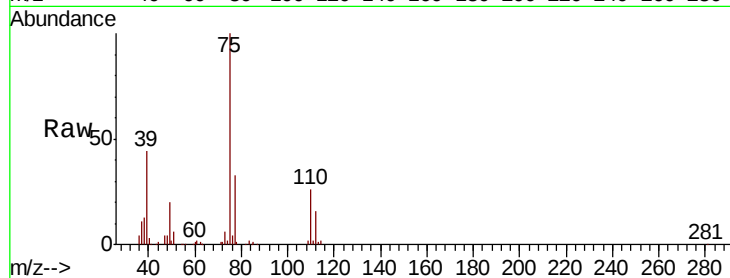
77 33.4 26.0 39.0

Manual Integrations

APPROVED

MMDadoda

10/24/2019 4:30:46 PM



#54

cis-1,3-Dichloropropene

Concen: 57.872 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

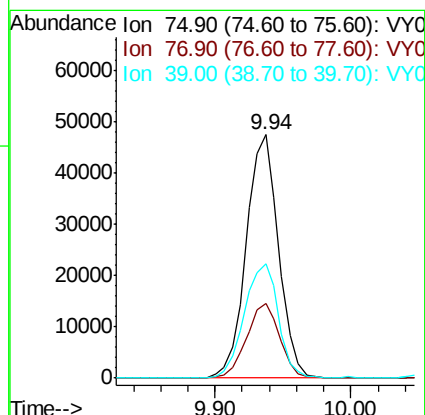
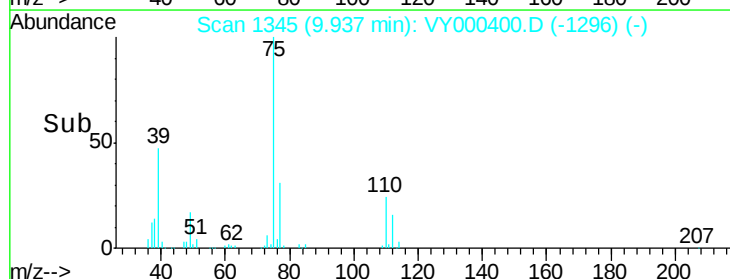
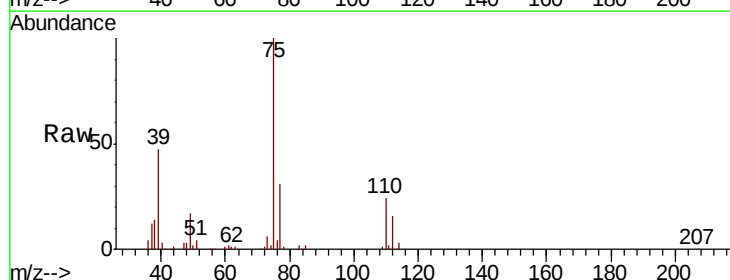
Tgt Ion: 75 Resp: 78817

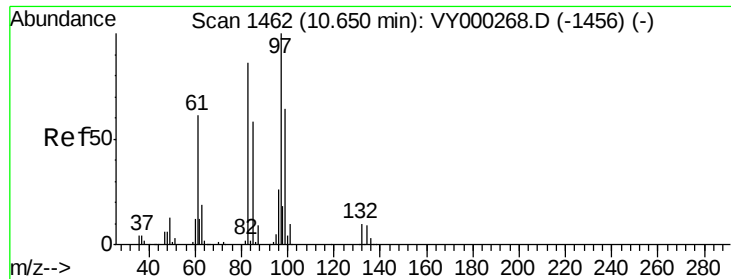
Ion Ratio Lower Upper

75 100

77 30.7 26.0 39.0

39 46.9 38.8 58.2





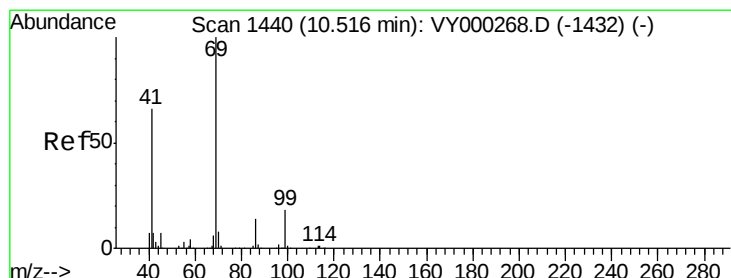
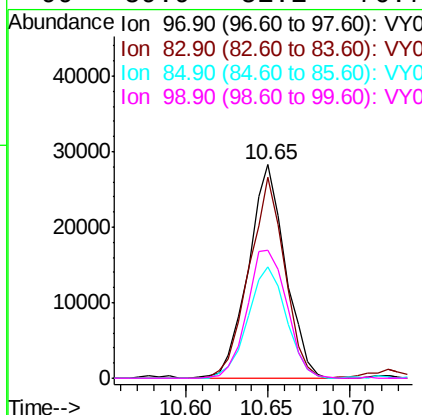
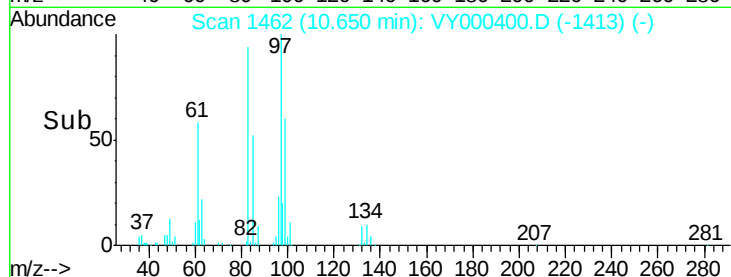
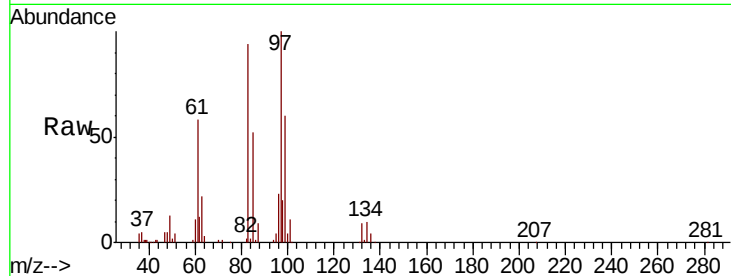
#55
 1,1,2-Trichloroethane
 Concen: 64.865 ug/l
 RT: 10.65 min Scan# 1462
 Delta R.T. 0.00 min
 Lab File: VY000400.D
 Acq: 23 Oct 2019 22:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	44781
Ion	Ratio	Lower	Upper
97	100		
83	93.9	69.0	103.6
85	52.0	46.2	69.4
99	59.9	51.1	76.7

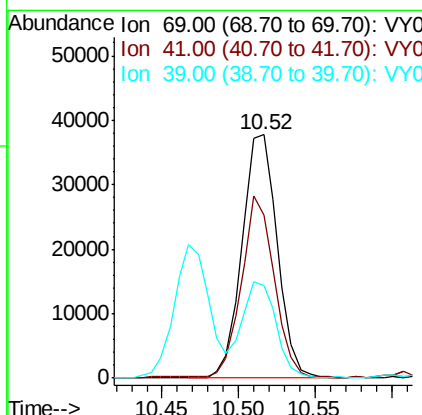
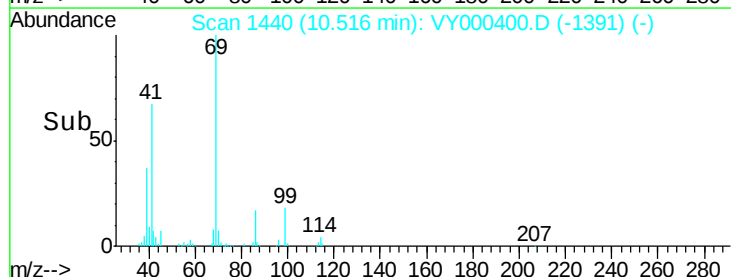
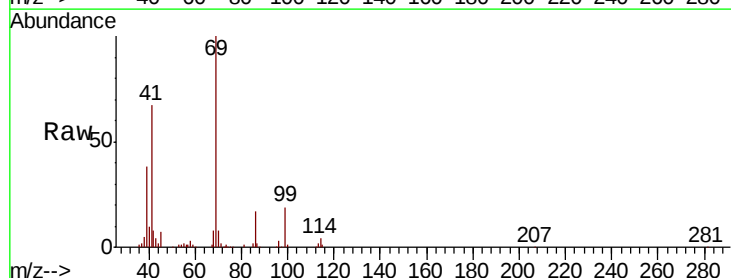
Manual Integrations
 APPROVED

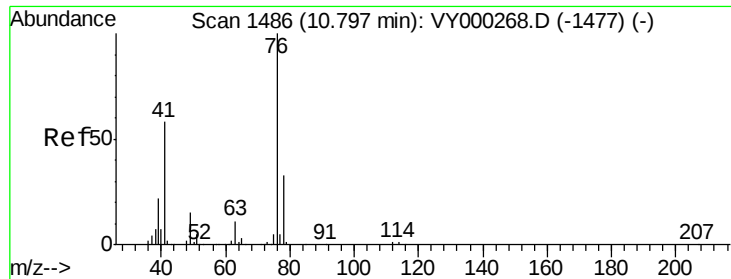
MMDadoda
 10/24/2019 4:30:46 PM



#56
 Ethyl methacrylate
 Concen: 61.503 ug/l
 RT: 10.52 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VY000400.D
 Acq: 23 Oct 2019 22:32

Tgt Ion:	69	Resp:	60521
Ion	Ratio	Lower	Upper
69	100		
41	69.7	52.5	78.7
39	38.9	26.7	40.1





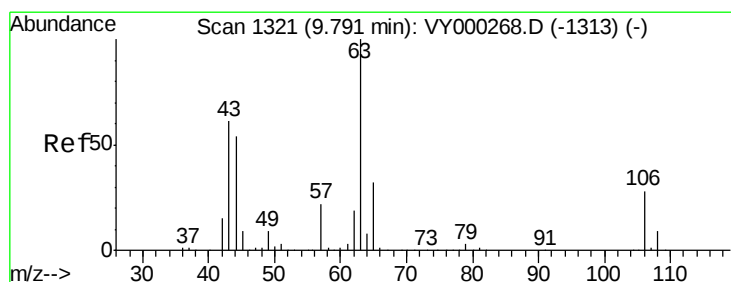
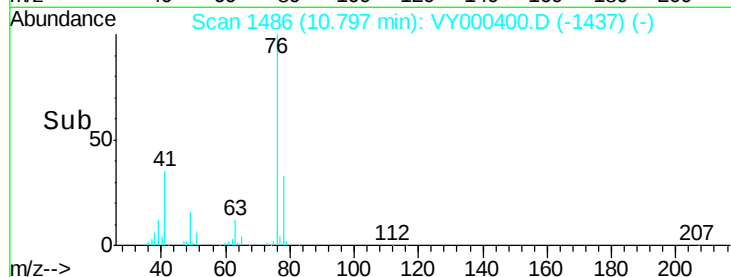
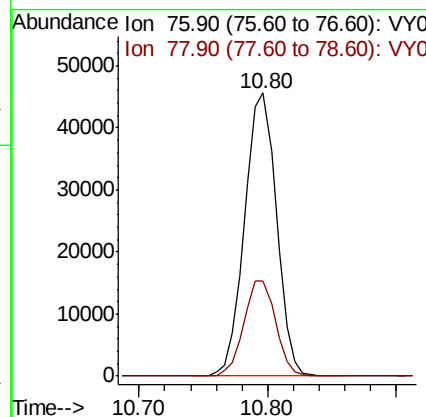
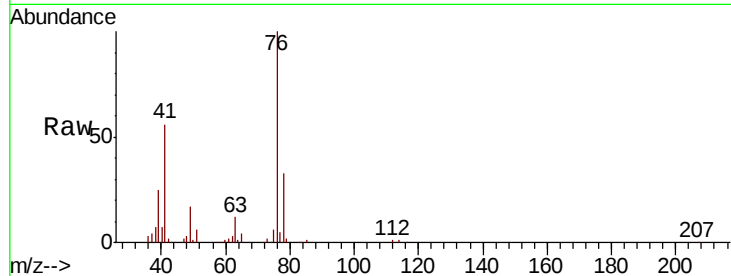
#57
 1,3-Dichloropropane
 Concen: 65.769 ug/l
 RT: 10.80 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: VY000400.D
 Acq: 23 Oct 2019 22:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 77978
 Ion Ratio Lower Upper
 76 100
 78 33.6 26.2 39.2

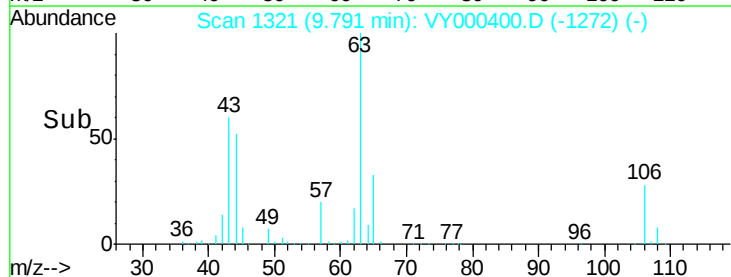
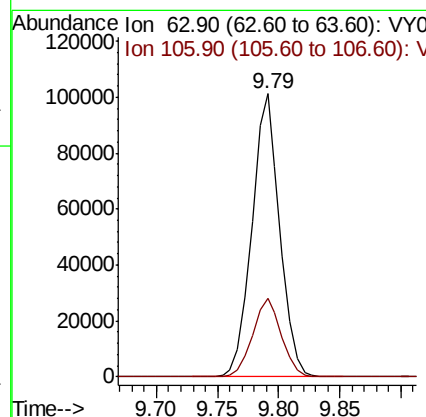
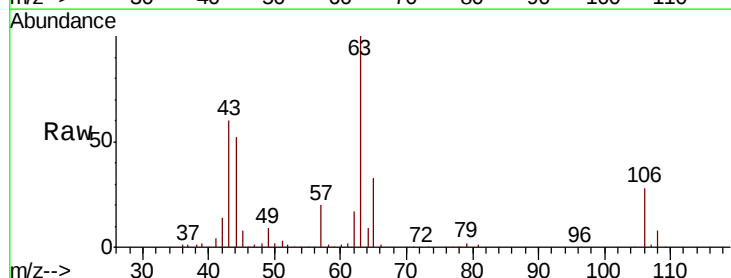
Manual Integrations
 APPROVED

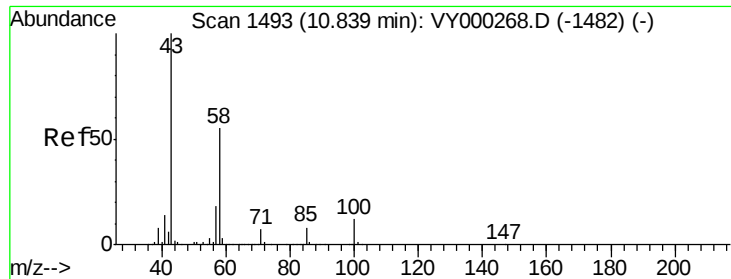
MMDadoda
 10/24/2019 4:30:46 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 405.628 ug/l
 RT: 9.79 min Scan# 1321
 Delta R.T. 0.00 min
 Lab File: VY000400.D
 Acq: 23 Oct 2019 22:32

Tgt Ion: 63 Resp: 159209
 Ion Ratio Lower Upper
 63 100
 106 28.8 23.0 34.4





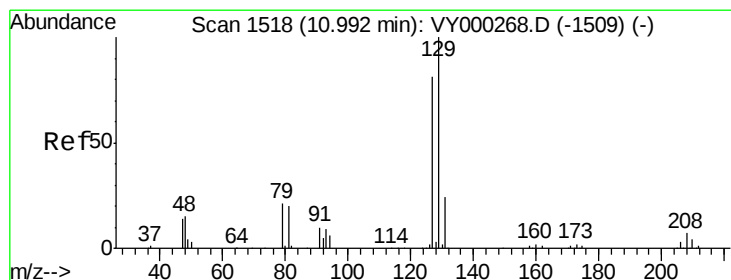
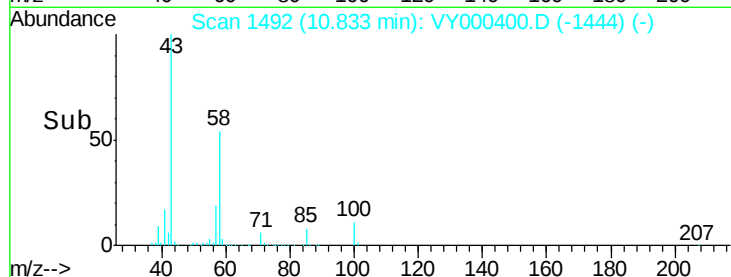
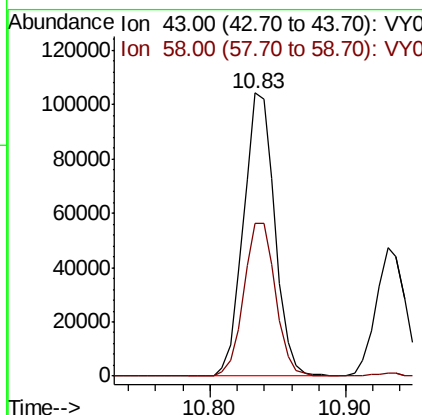
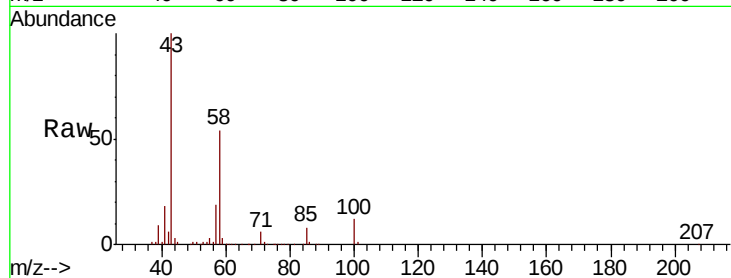
#59
2-Hexanone
Concen: 343.733 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.01 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 167801
Ion Ratio Lower Upper
43 100
58 54.7 27.7 83.1

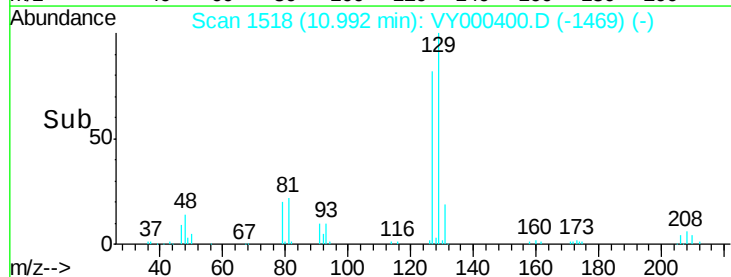
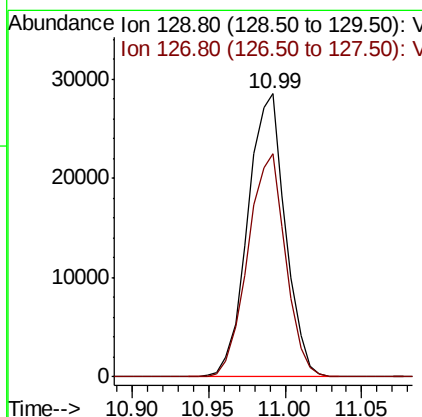
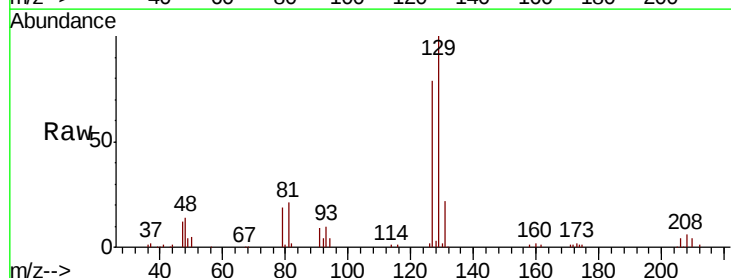
Manual Integrations
APPROVED

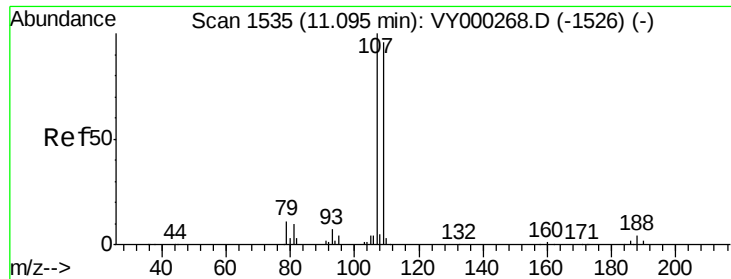
MMDadoda
10/24/2019 4:30:46 PM



#60
Dibromochloromethane
Concen: 63.561 ug/l
RT: 10.99 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion: 129 Resp: 48637
Ion Ratio Lower Upper
129 100
127 79.3 39.9 119.7





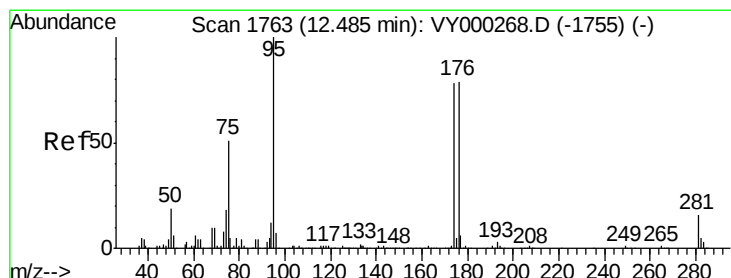
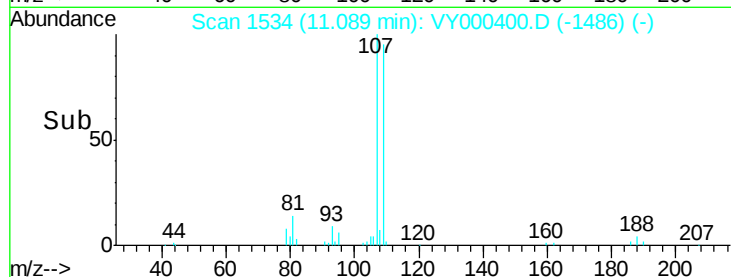
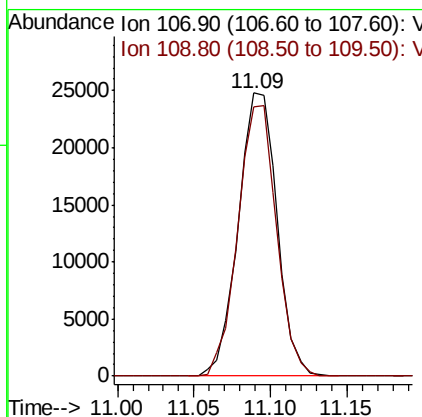
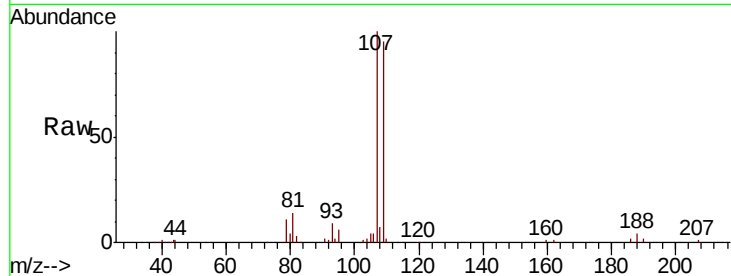
#61
 1,2-Dibromoethane
 Concen: 65.620 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.01 min
 Lab File: VY000400.D
 Acq: 23 Oct 2019 22:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.4	75.1	112.7

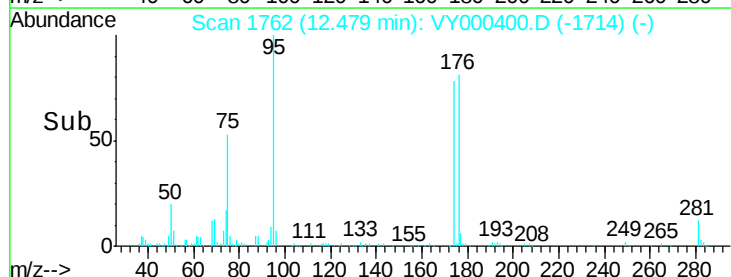
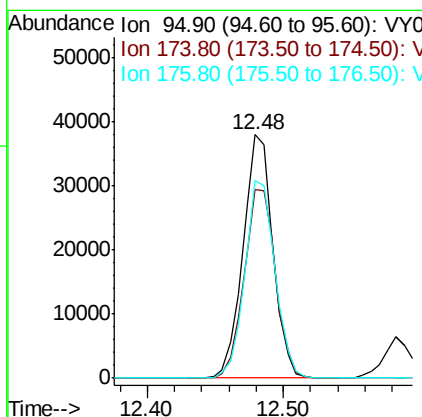
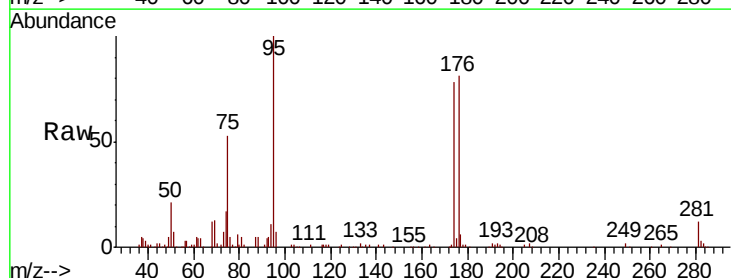
Manual Integrations
 APPROVED

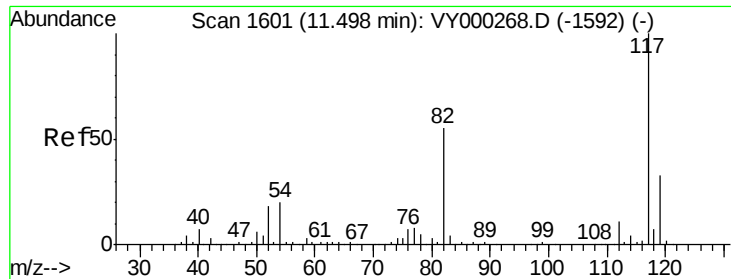
MMDadoda
 10/24/2019 4:30:46 PM



#62
 4-Bromofluorobenzene
 Concen: 53.881 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.01 min
 Lab File: VY000400.D
 Acq: 23 Oct 2019 22:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.8	0.0	159.6
176	82.2	0.0	153.8





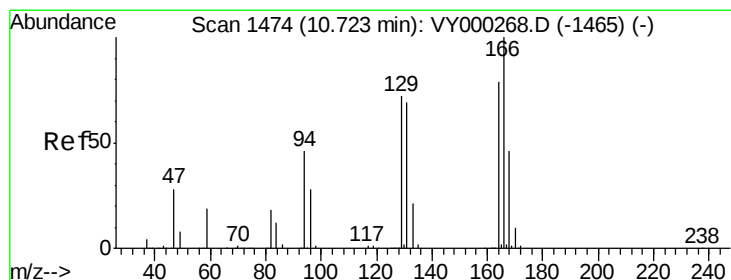
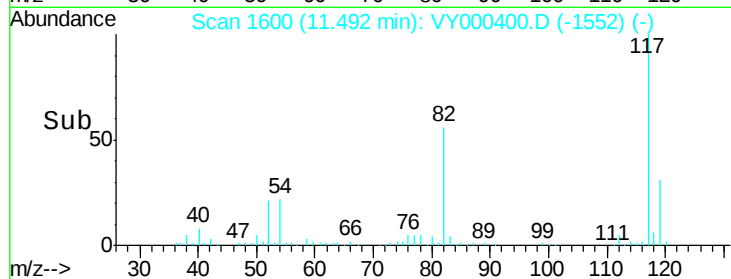
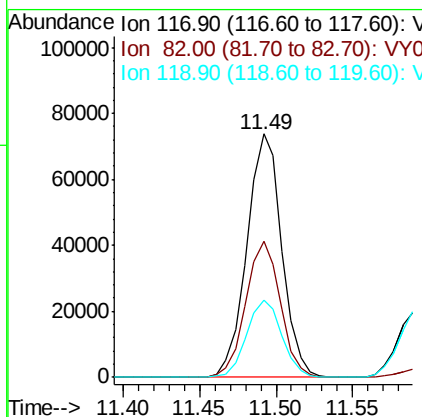
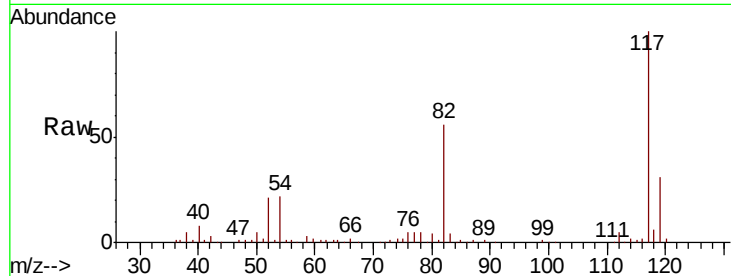
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.9	43.7	65.5
119	31.5	26.6	39.8

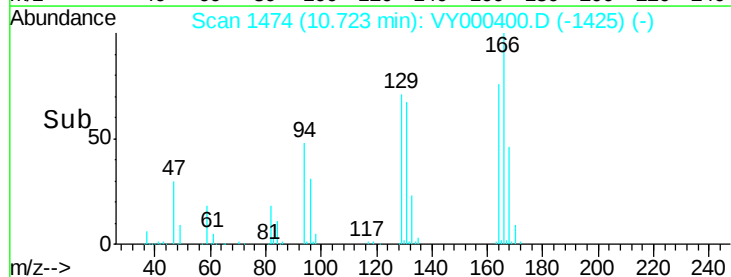
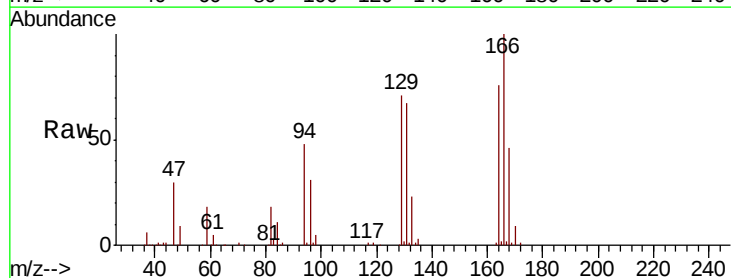
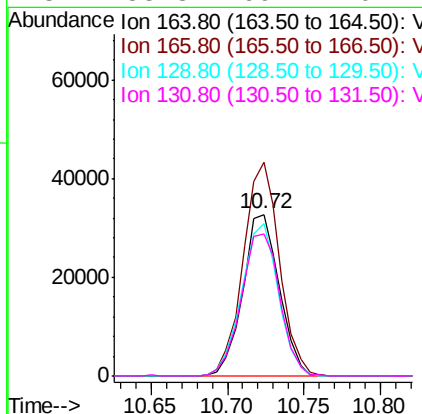
Manual Integrations
APPROVED

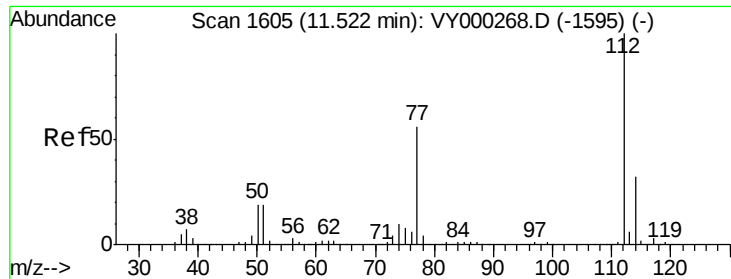
MMDadoda
10/24/2019 4:30:46 PM



#64
Tetrachloroethene
Concen: 48.991 ug/l
RT: 10.72 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.1	100.6	151.0
129	94.1	72.8	109.2
131	88.3	69.4	104.2





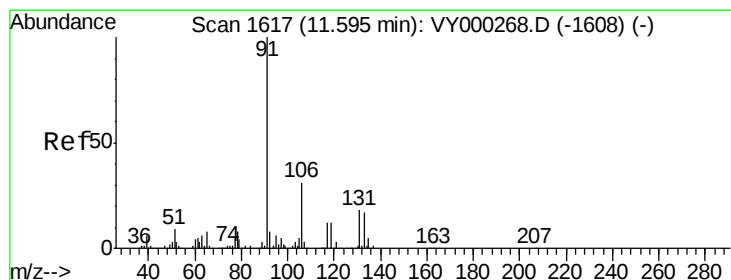
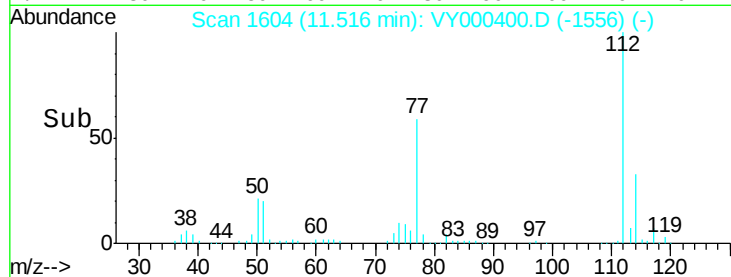
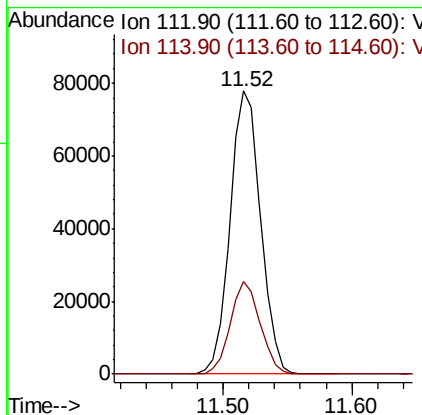
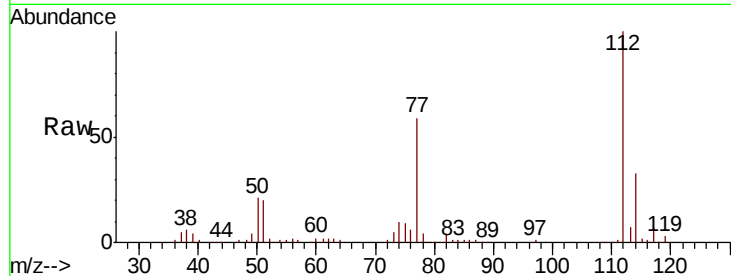
#65
Chlorobenzene
Concen: 52.332 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.01 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 128769
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5

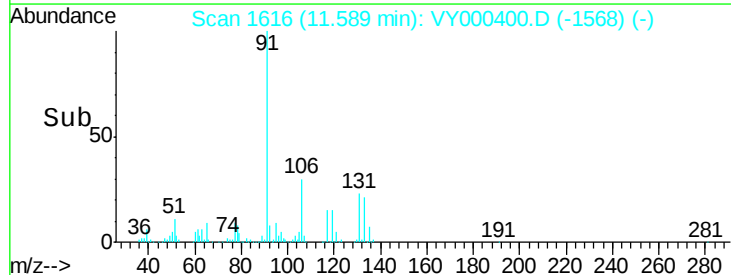
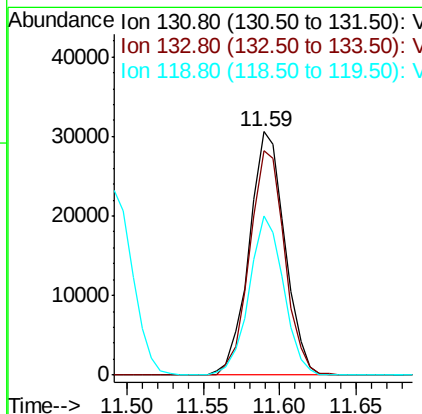
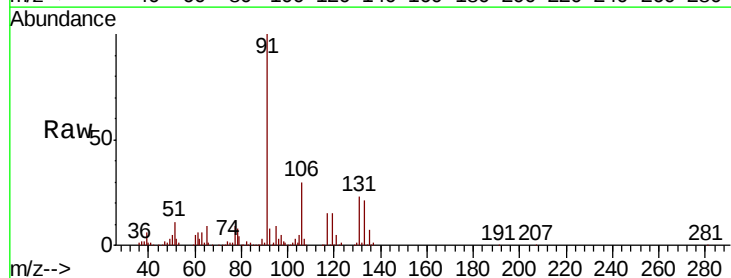
Manual Integrations
APPROVED

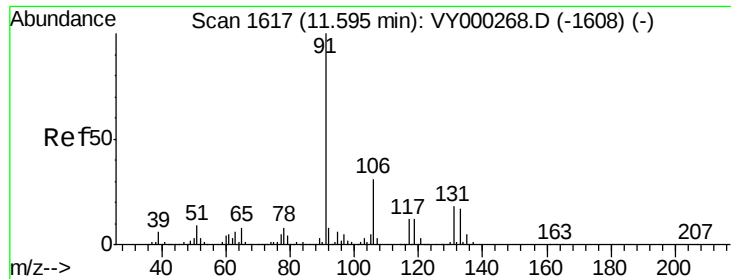
MMDadoda
10/24/2019 4:30:46 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 57.556 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.01 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion:131 Resp: 49749
Ion Ratio Lower Upper
131 100
133 90.4 47.2 141.6
119 62.8 32.6 98.0





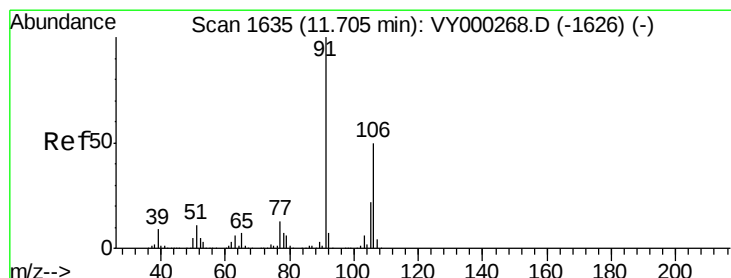
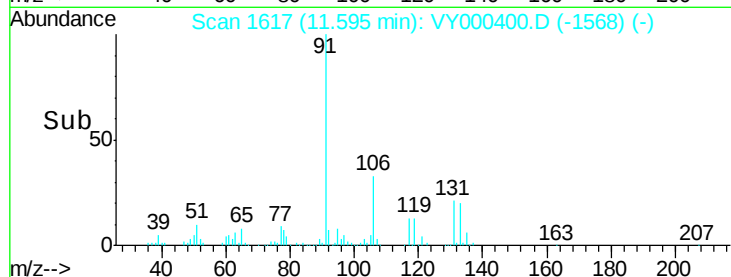
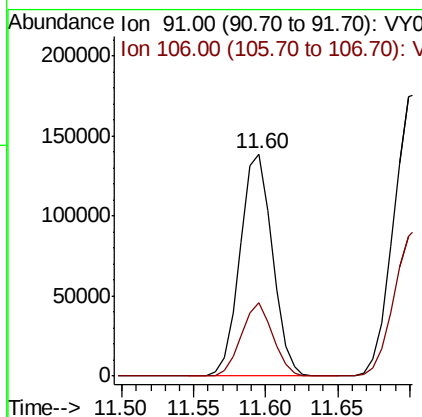
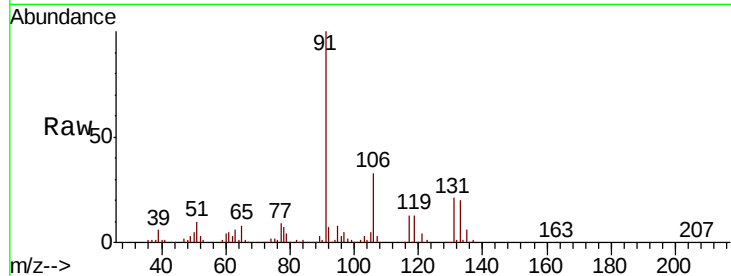
#67
Ethyl Benzene
Concen: 47.499 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 216663
Ion Ratio Lower Upper
91 100
106 33.2 25.0 37.6

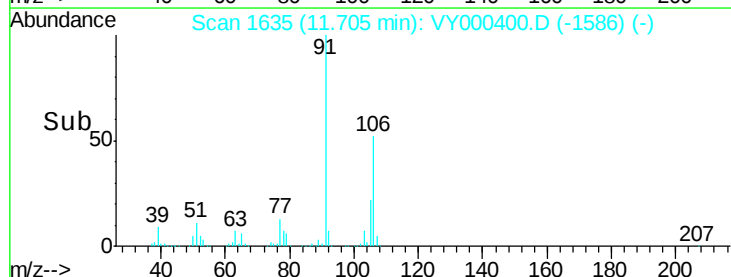
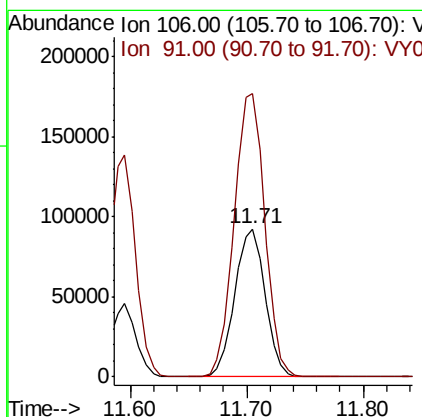
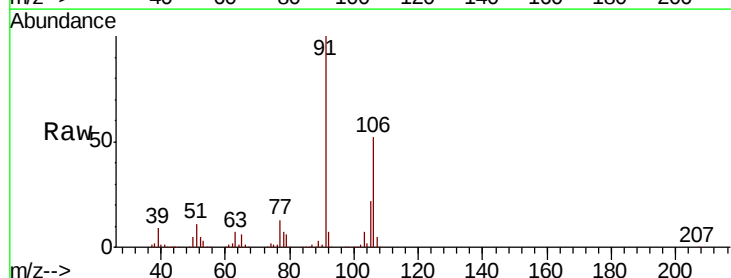
Manual Integrations
APPROVED

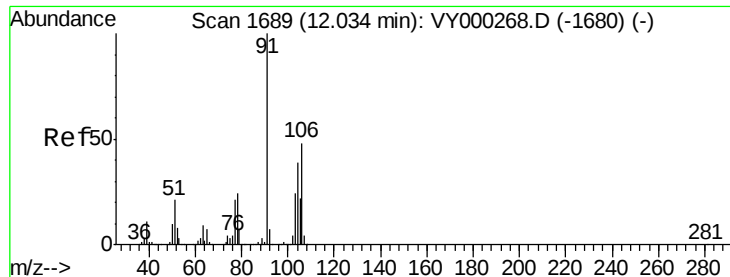
MMDadoda
10/24/2019 4:30:46 PM



#68
m/p-Xylenes
Concen: 96.533 ug/l
RT: 11.71 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion: 106 Resp: 168330
Ion Ratio Lower Upper
106 100
91 193.5 157.5 236.3





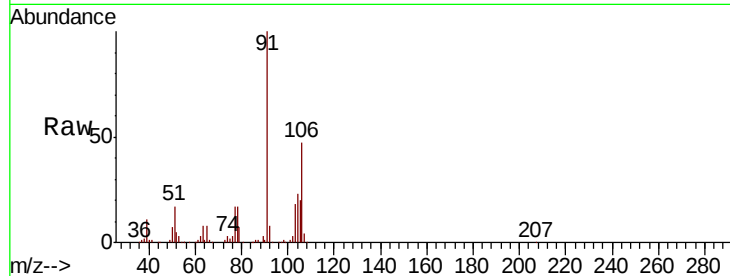
#69
o-Xylene
Concen: 49.031 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.01 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

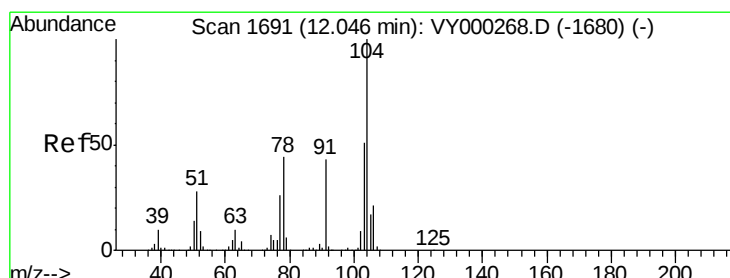
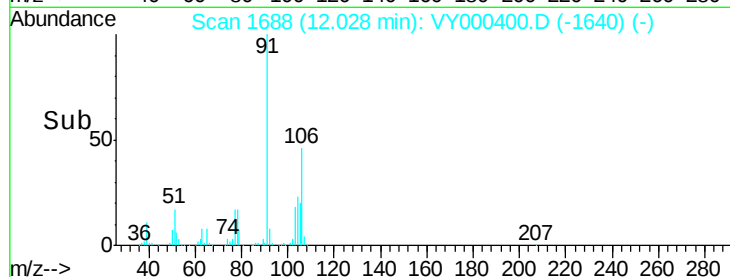
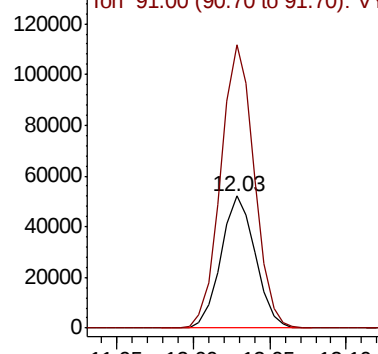
Tot Ion:106 Resp: 81562
Ion Ratio Lower Upper
106 100
91 209.0 104.7 313.9

Manual Integrations
APPROVED

MMDadoda
10/24/2019 4:30:46 PM

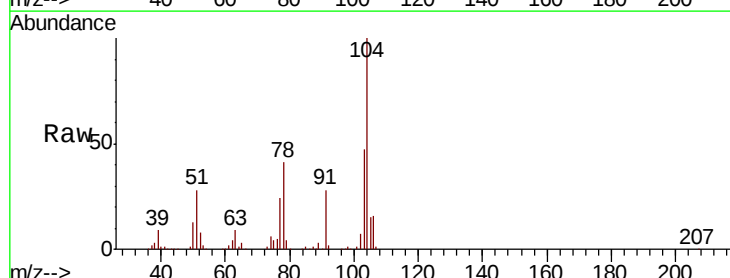


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

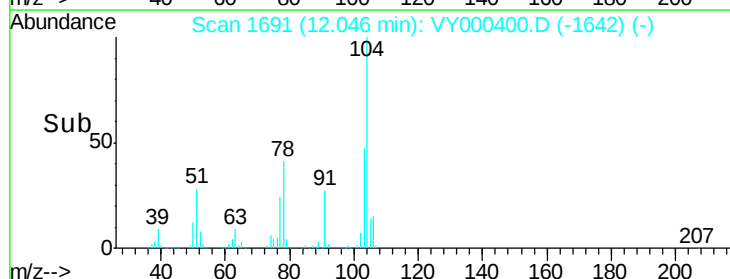
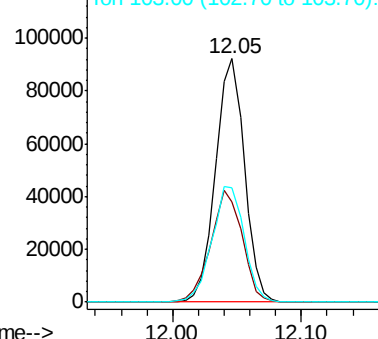


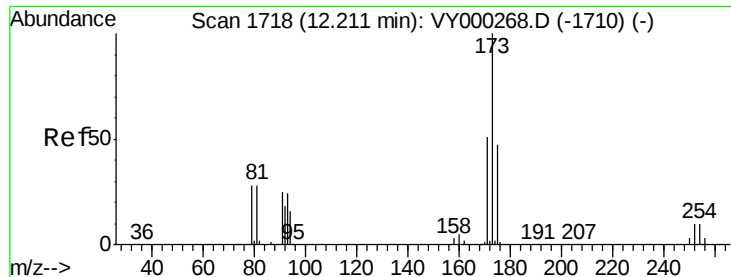
#70
Styrene
Concen: 50.853 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion:104 Resp: 142666
Ion Ratio Lower Upper
104 100
78 50.2 39.0 58.6
103 53.0 43.1 64.7



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 65.526 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 32559

Ion Ratio Lower Upper

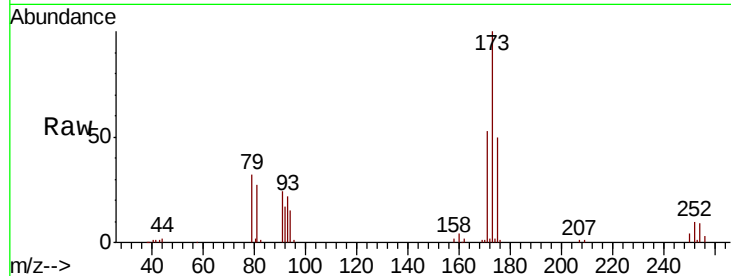
173 100

175 45.8 24.6 73.6

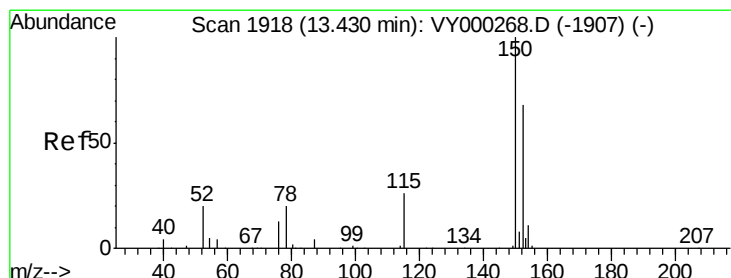
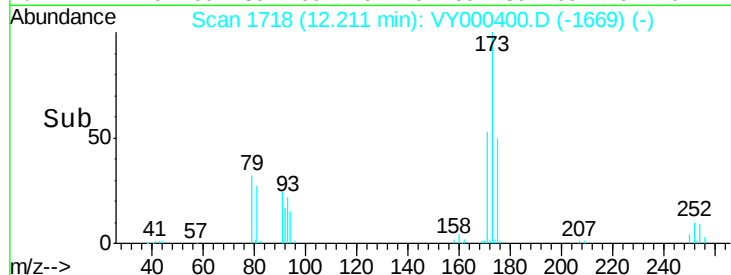
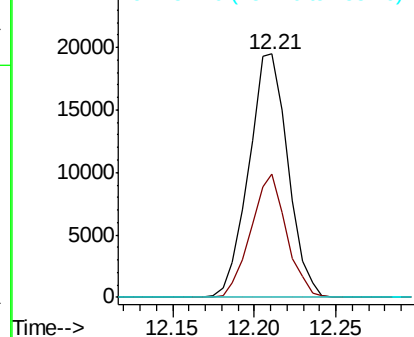
254 0.0 0.1 0.1#

Manual Integrations
APPROVED

MMDadoda
10/24/2019 4:30:46 PM



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

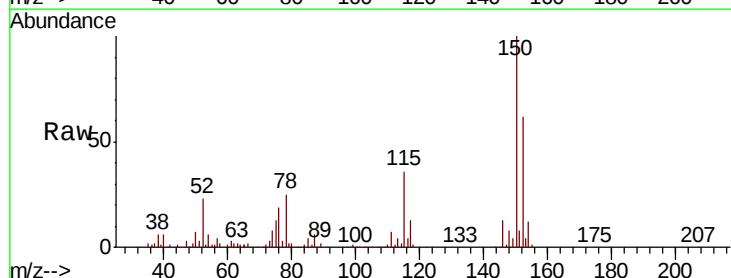
Tgt Ion:152 Resp: 60255

Ion Ratio Lower Upper

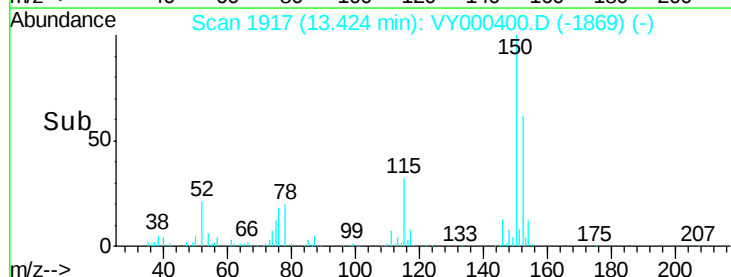
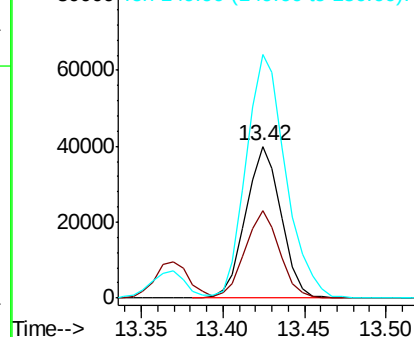
152 100

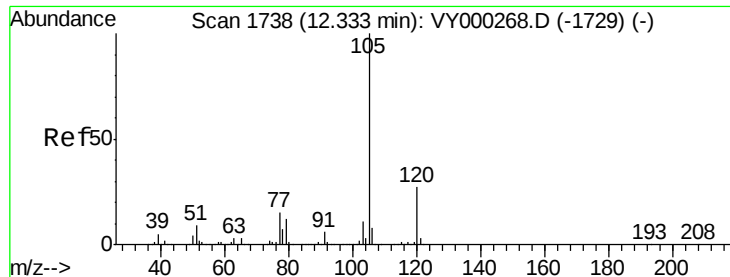
115 56.1 29.3 88.0

150 179.8 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





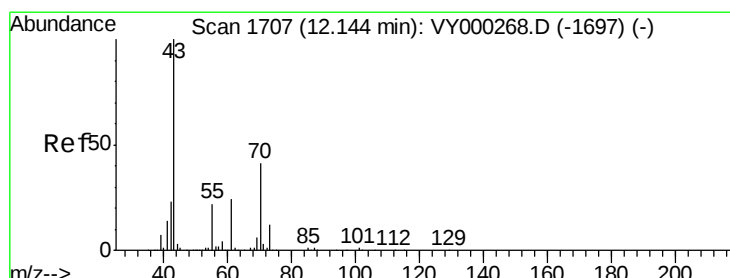
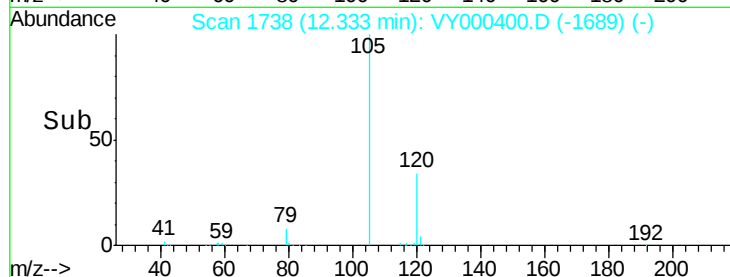
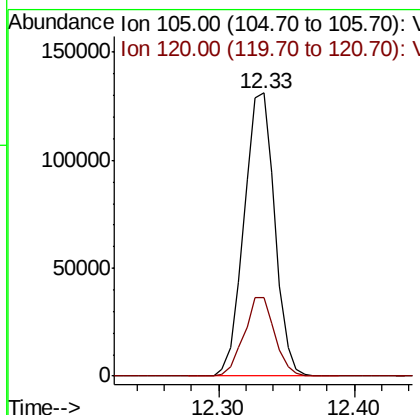
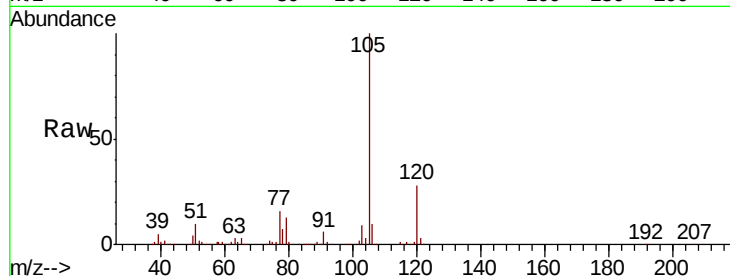
#73
Isopropylbenzene
Concen: 44.045 ug/l
RT: 12.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.7	13.4	40.2

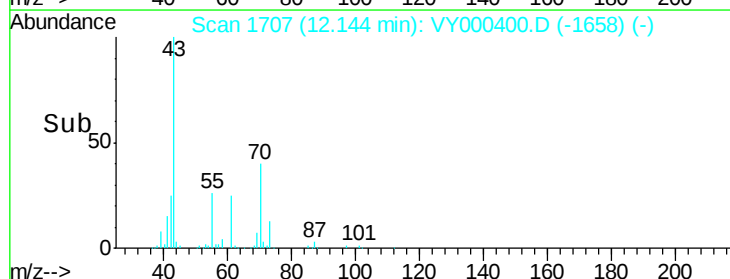
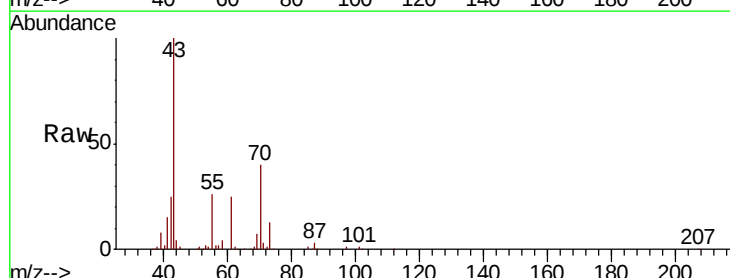
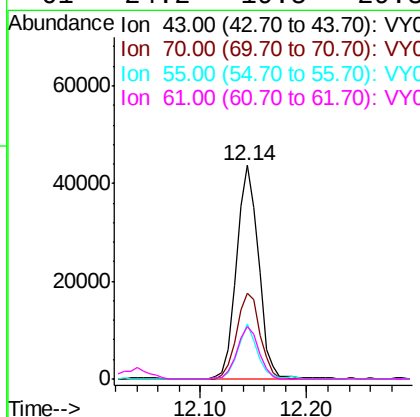
Manual Integrations
APPROVED

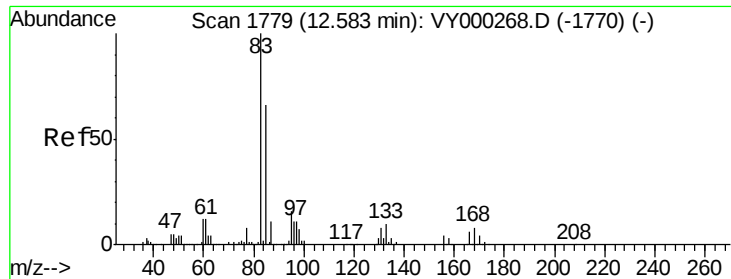
MMDadoda
10/24/2019 4:30:46 PM



#74
N-ethyl acetate
Concen: 55.516 ug/l
RT: 12.14 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.5	32.9	49.3
55	22.6	17.8	26.6
61	24.2	19.5	29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 60.401 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

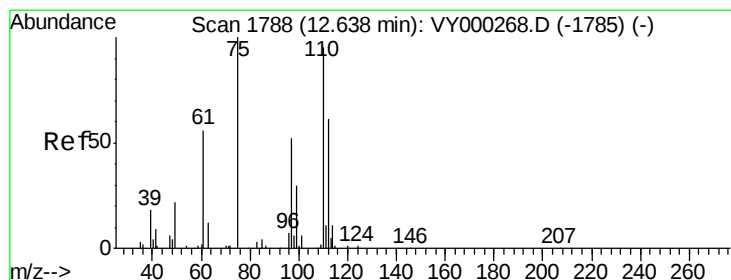
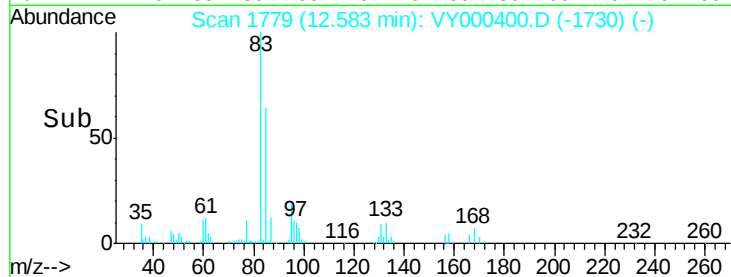
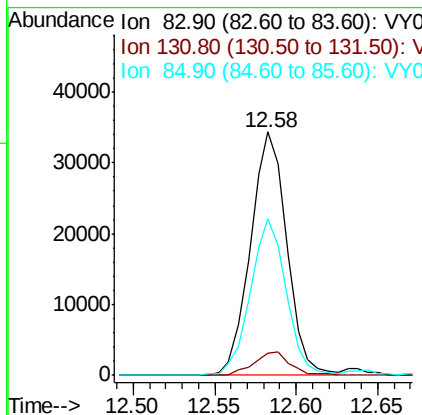
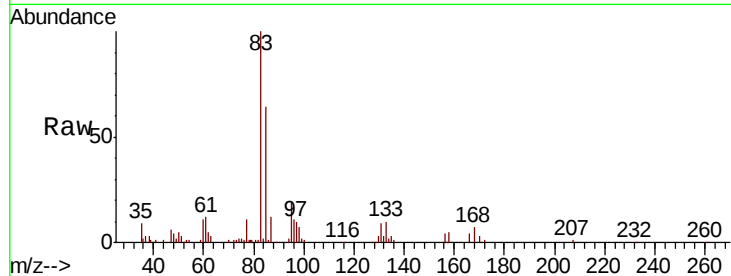
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	53282
Ion Ratio	Lower	Upper	
83	100		
131	9.6	5.3	16.1
85	63.2	32.9	98.7

Manual Integrations
APPROVED

MMDadoda
10/24/2019 4:30:46 PM



#76

1,2,3-Trichloropropane

Concen: 59.895 ug/l m

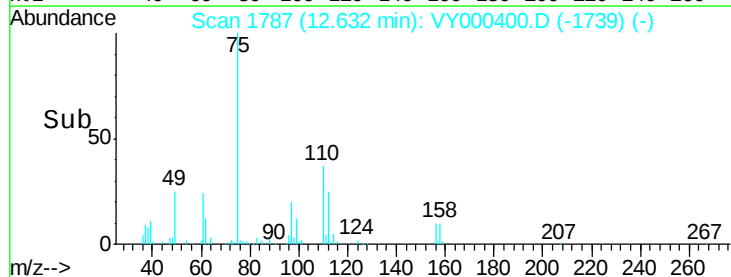
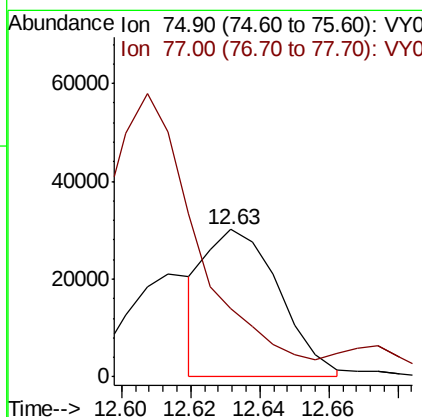
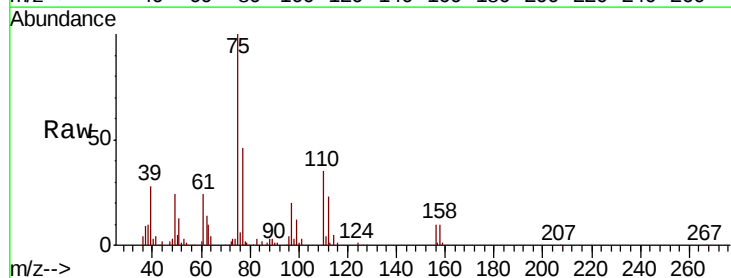
RT: 12.63 min Scan# 1787

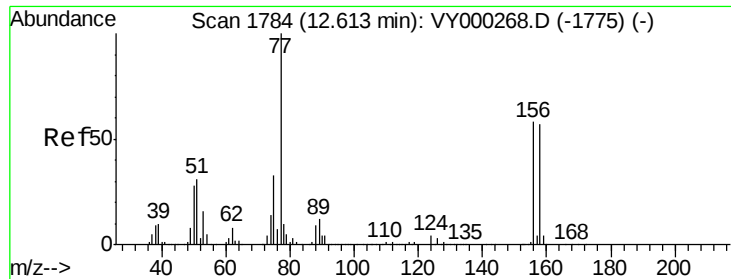
Delta R.T. -0.01 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Tgt Ion:	75	Resp:	44378
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 54.484 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

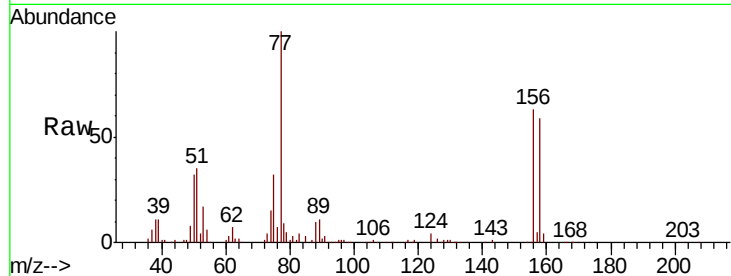
ClientSampleId :

VSTDCCC050EC

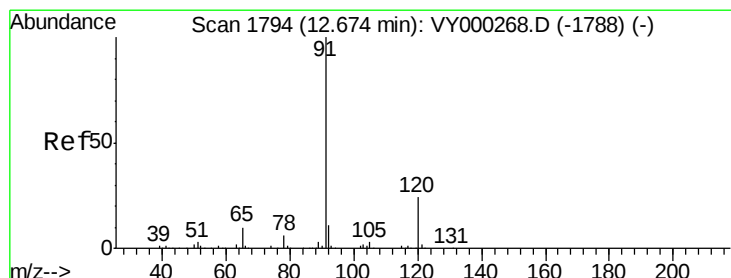
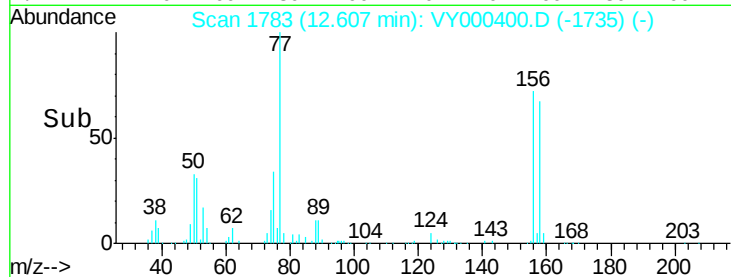
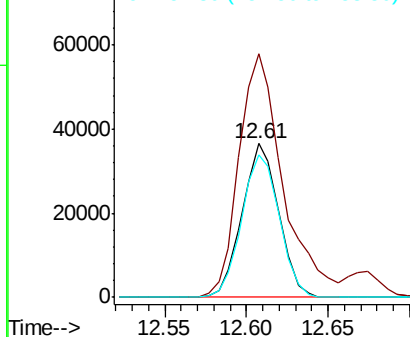
Tot Ion:	156	Resp:	56962
Ion	Ratio	Lower	Upper
156	100		
77	191.4	101.0	302.9
158	95.6	49.7	149.1

Manual Integrations
APPROVED

MMDadoda
10/24/2019 4:30:46 PM



Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VY0
Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 43.592 ug/l

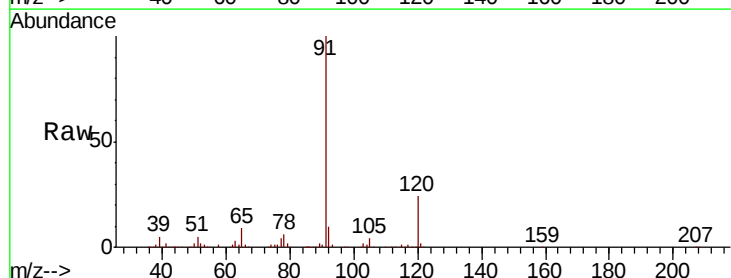
RT: 12.67 min Scan# 1793

Delta R.T. -0.01 min

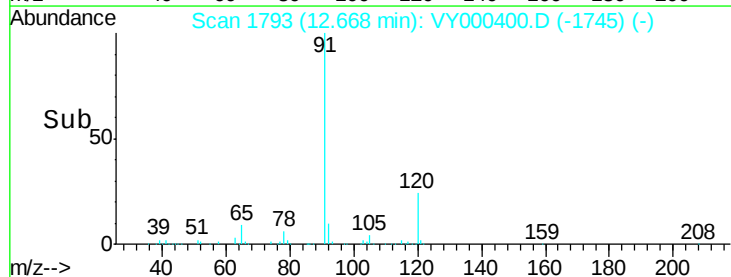
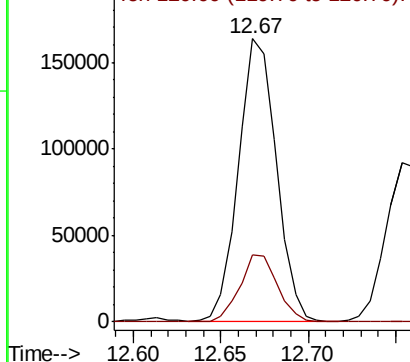
Lab File: VY000400.D

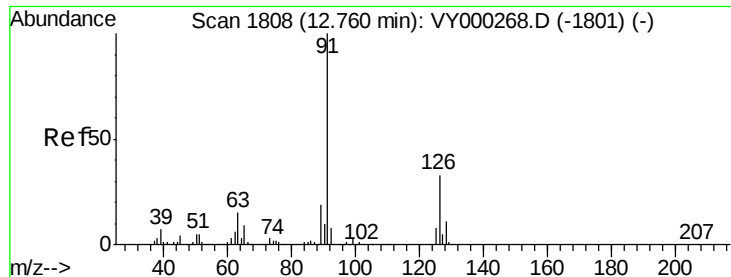
Acq: 23 Oct 2019 22:32

Tgt Ion:	91	Resp:	245902
Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.5	34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.161 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.01 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 146923

Ion Ratio Lower Upper

91 100

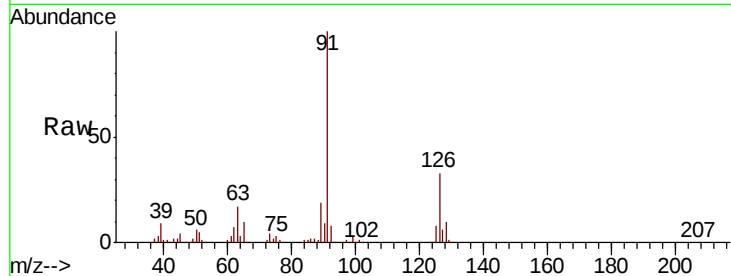
126 35.3 17.1 51.3

Manual Integrations

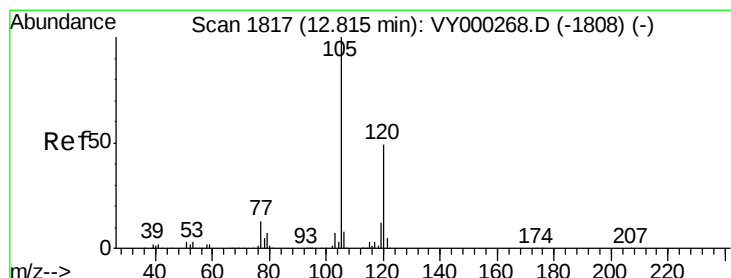
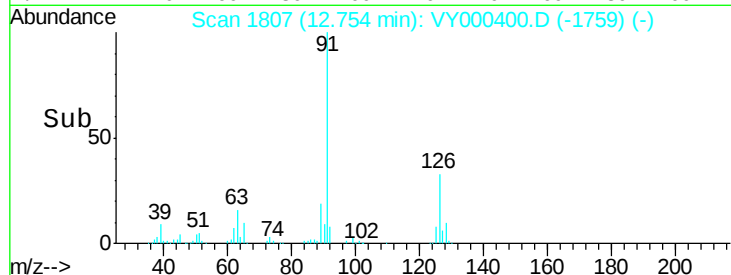
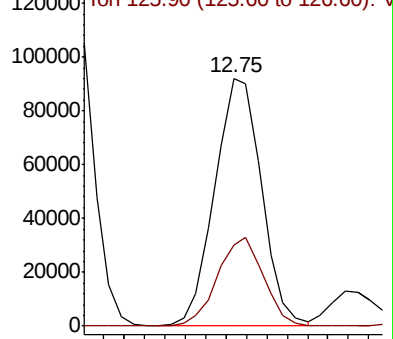
APPROVED

MMDadoda

10/24/2019 4:30:46 PM



Abundance Ion 91.00 (90.70 to 91.70): VY000400.D (-1759) (-)



#80

1,3,5-Trimethylbenzene

Concen: 46.326 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VY000400.D

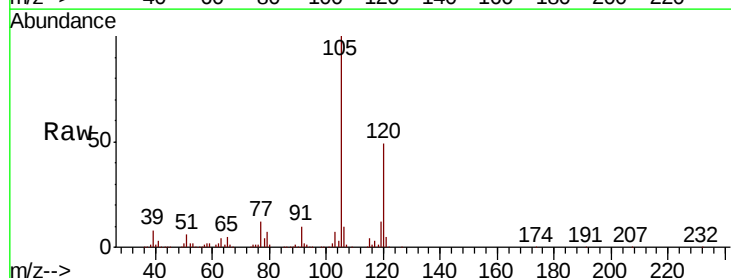
Acq: 23 Oct 2019 22:32

Tgt Ion: 105 Resp: 182508

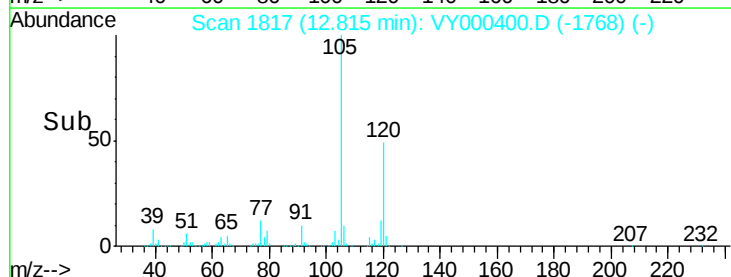
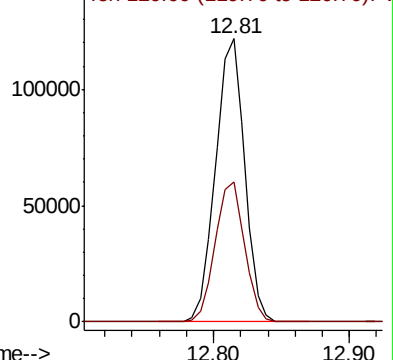
Ion Ratio Lower Upper

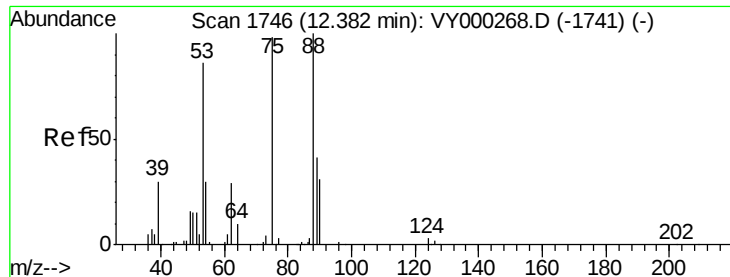
105 100

120 50.0 24.9 74.8



Abundance Ion 105.00 (104.70 to 105.70): VY000400.D (-1768) (-)





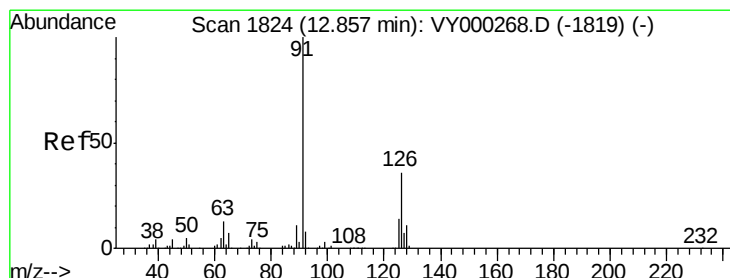
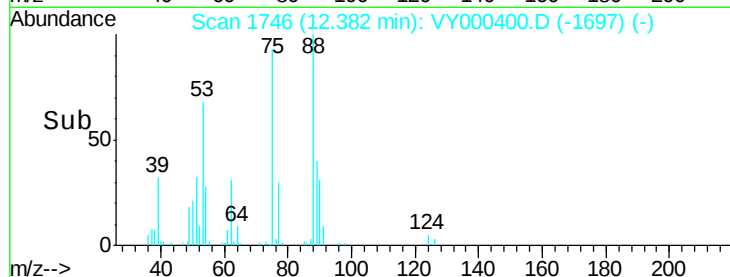
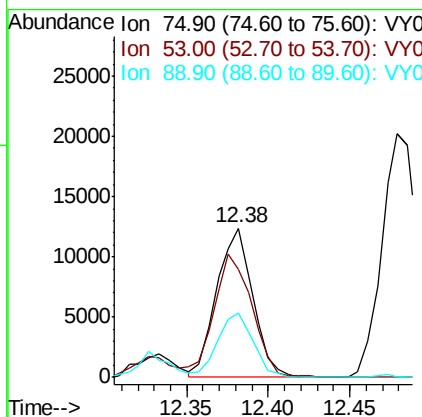
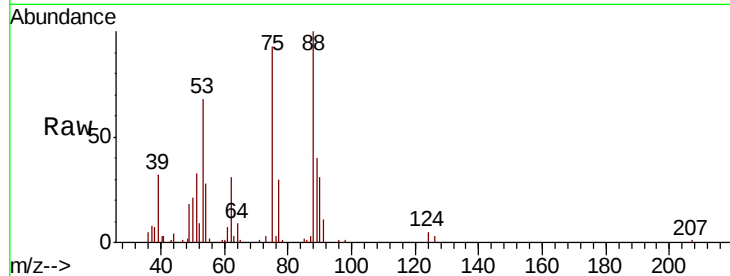
#81
trans-1,4-Dichloro-2-butene
Concen: 56.452 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.2	71.3	106.9
89	42.3	35.1	52.7

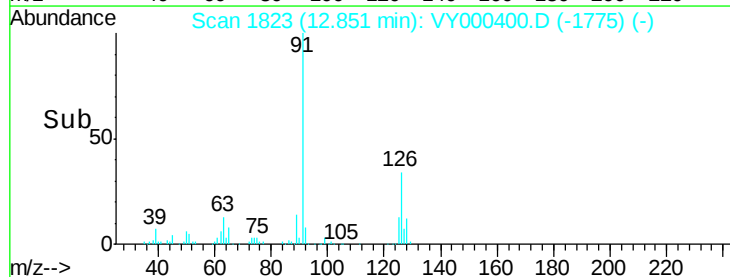
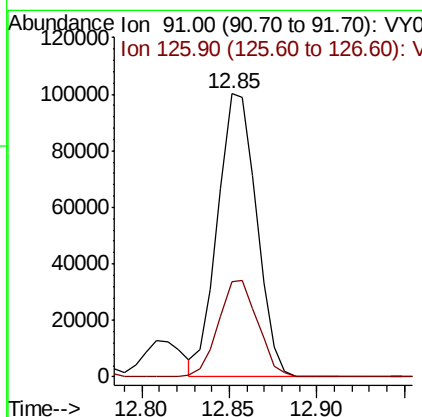
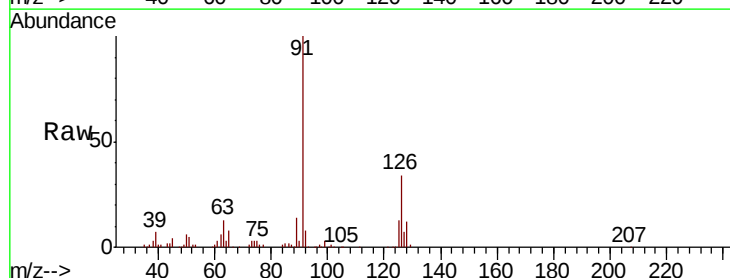
Manual Integrations
APPROVED

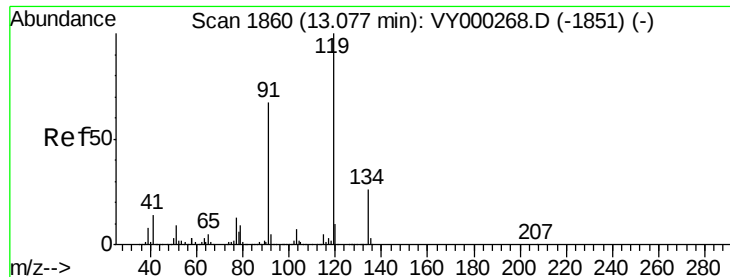
MMDadoda
10/24/2019 4:30:46 PM



#82
4-Chlorotoluene
Concen: 47.091 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.01 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.2	51.5





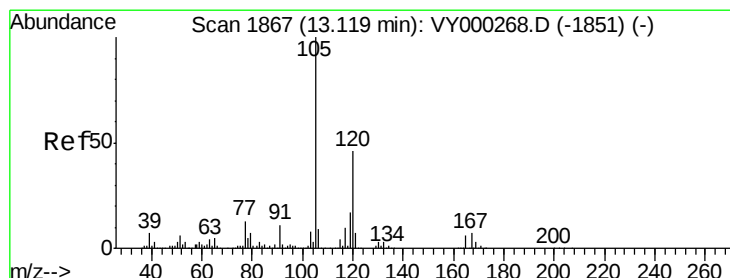
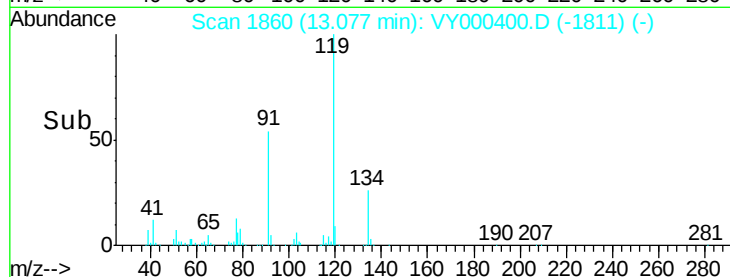
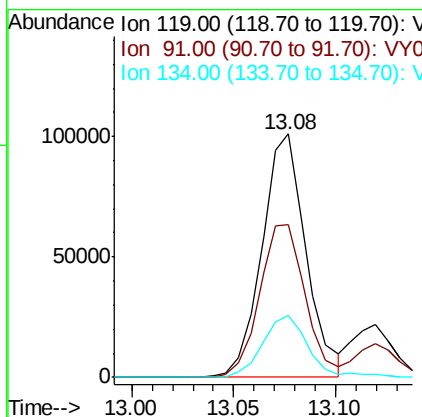
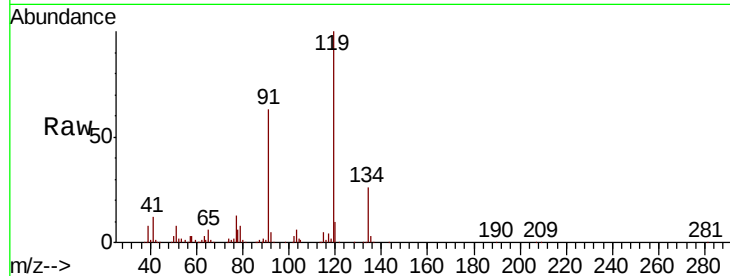
#83
tert-Butylbenzene
Concen: 45.375 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.2	32.9	98.7
134	27.0	13.3	39.8

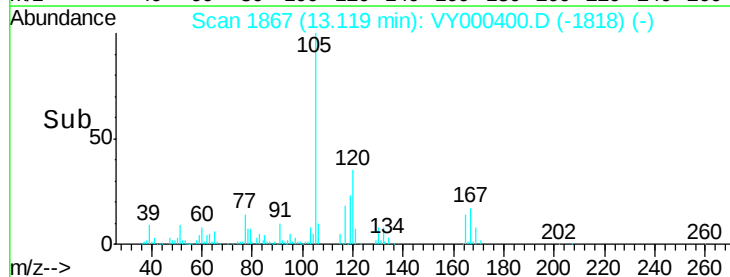
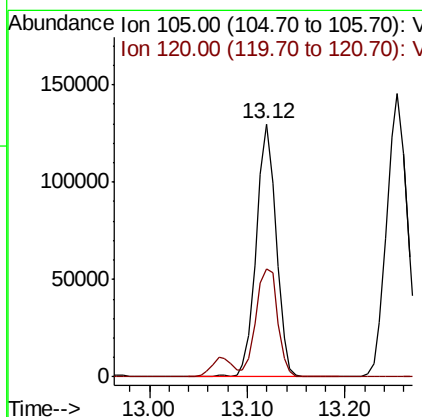
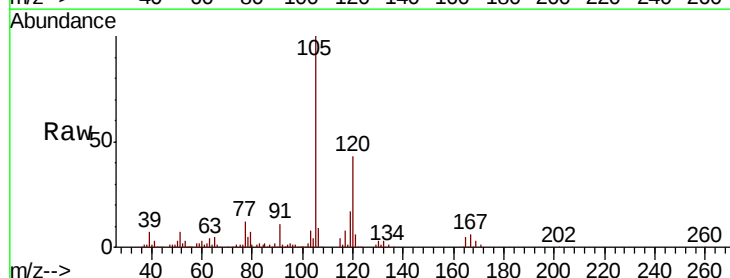
Manual Integrations
APPROVED

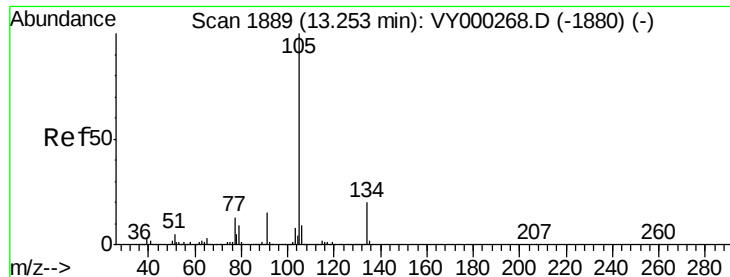
MMDadoda
10/24/2019 4:30:46 PM



#84
1,2,4-Trimethylbenzene
Concen: 47.552 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	22.9	68.8





#85

sec-Butylbenzene

Concen: 44.029 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 212496

Ion Ratio Lower Upper

105 100

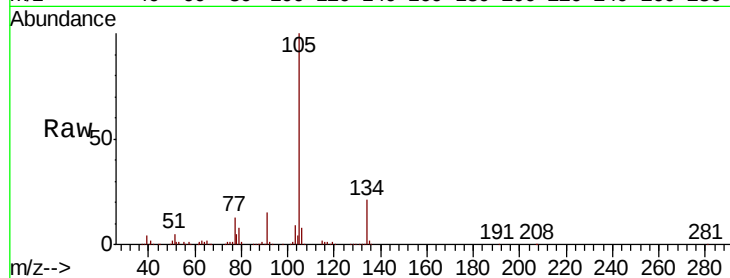
134 20.9 10.1 30.1

Manual Integrations

APPROVED

MMDadoda

10/24/2019 4:30:46 PM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

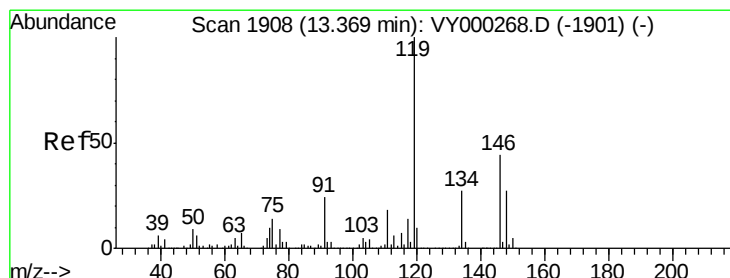
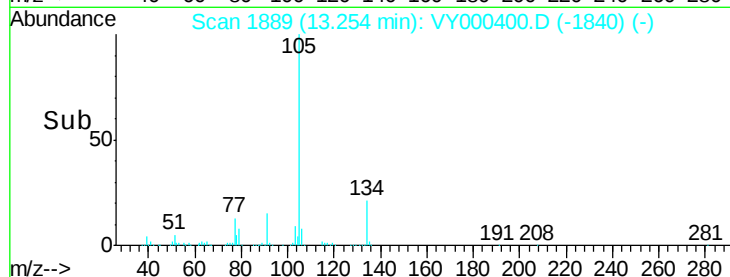
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 45.367 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY000400.D

Acq: 23 Oct 2019 22:32

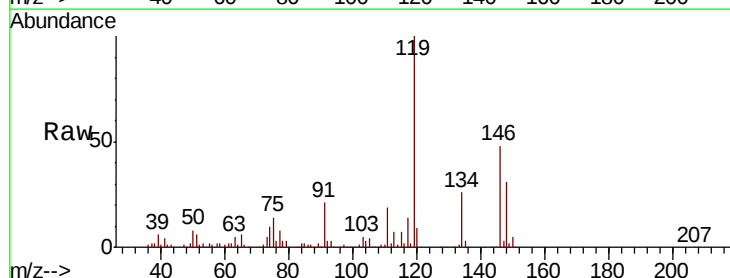
Tgt Ion:119 Resp: 190886

Ion Ratio Lower Upper

119 100

134 27.6 13.6 40.8

91 23.9 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

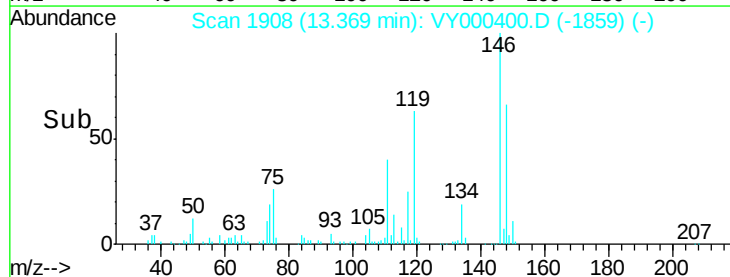
150000

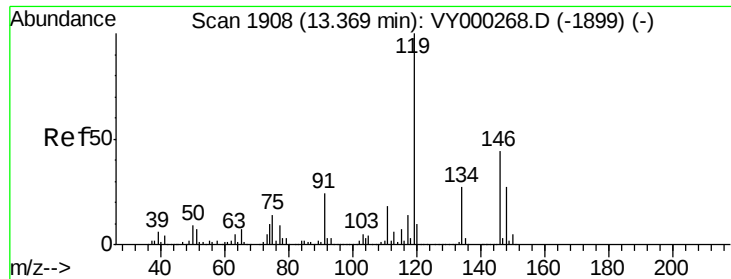
100000

50000

0

Time-->





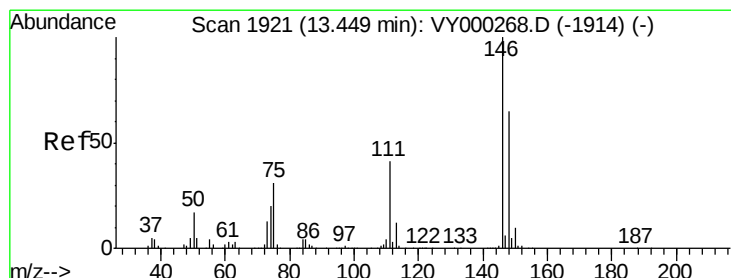
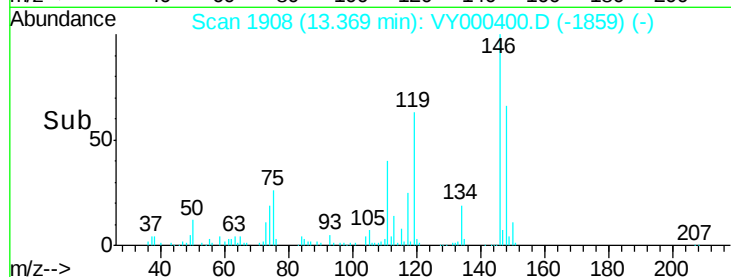
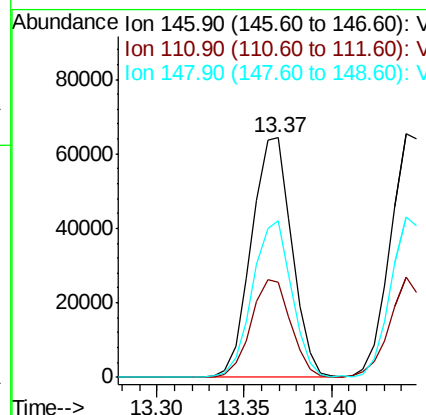
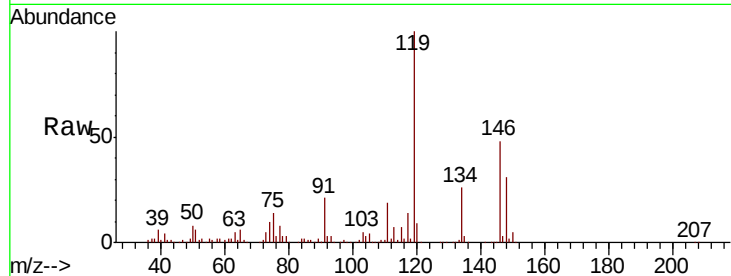
#87
 1,3-Dichlorobenzene
 Concen: 50.249 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.00 min
 Lab File: VY000400.D
 Acq: 23 Oct 2019 22:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.6	61.8
148	63.4	31.9	95.5

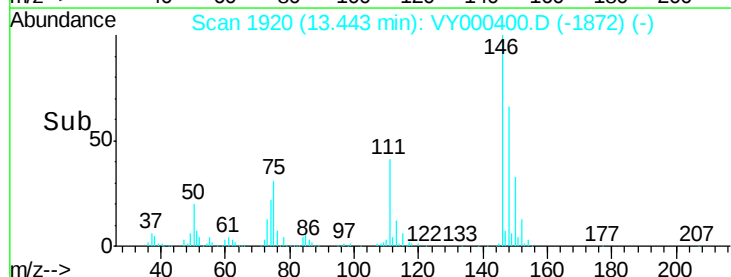
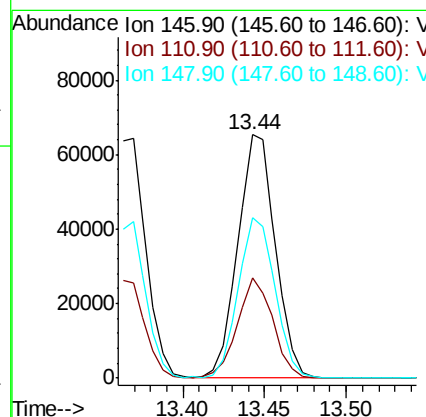
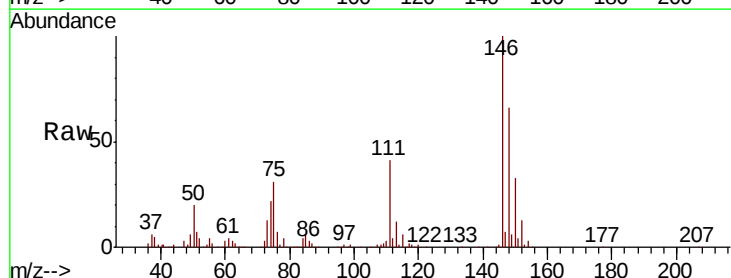
Manual Integrations
 APPROVED

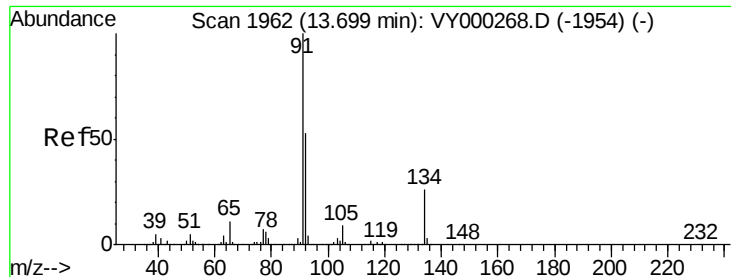
MMDadoda
 10/24/2019 4:30:46 PM



#88
 1,4-Dichlorobenzene
 Concen: 50.717 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: VY000400.D
 Acq: 23 Oct 2019 22:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.1	60.2
148	64.5	32.4	97.2





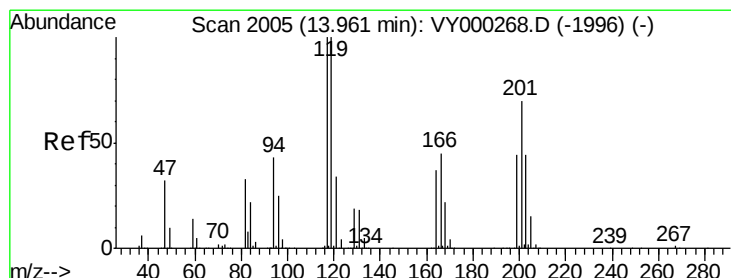
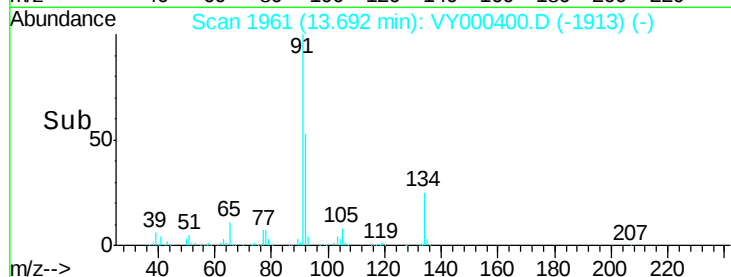
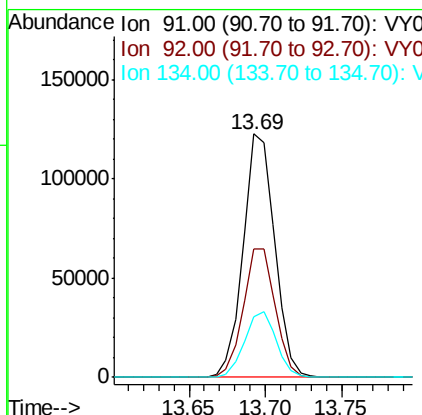
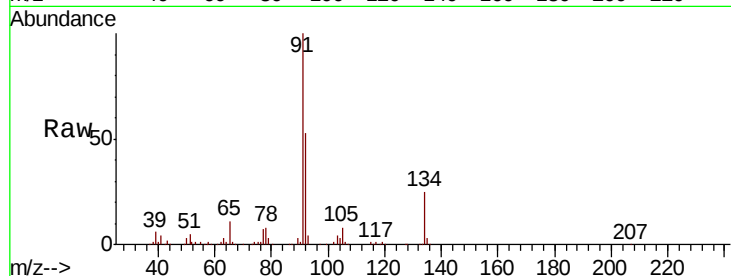
#89
n-Butylbenzene
Concen: 42.185 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. -0.01 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.7	80.1
134	27.0	13.0	38.9

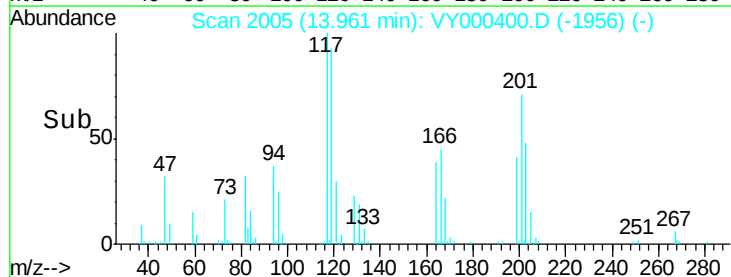
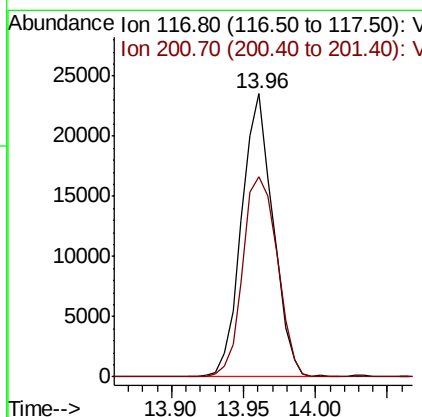
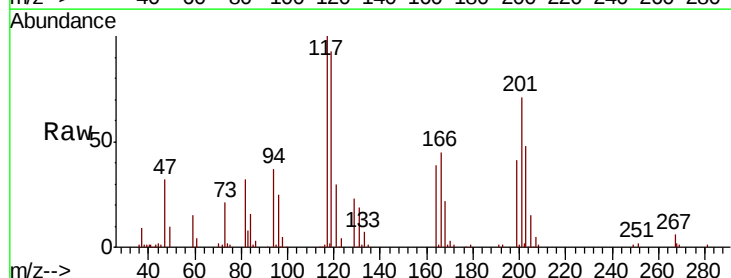
Manual Integrations
APPROVED

MMDadoda
10/24/2019 4:30:46 PM



#90
Hexachloroethane
Concen: 45.780 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.6	36.3	108.7





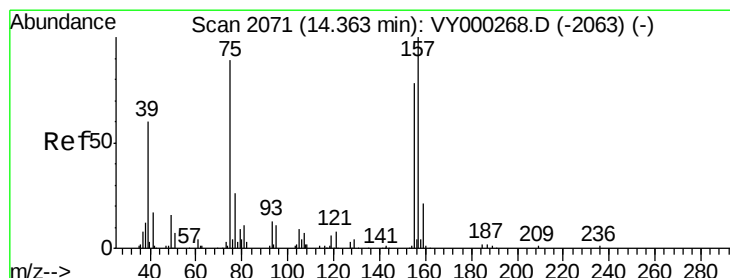
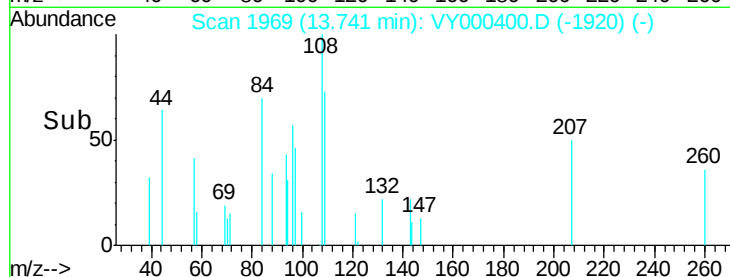
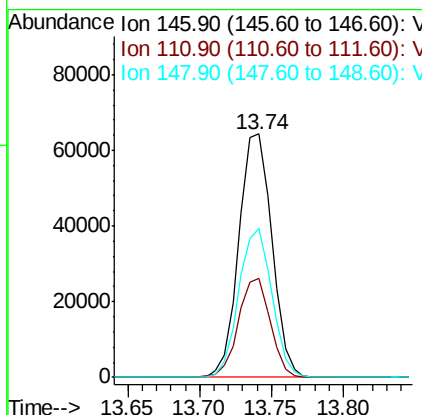
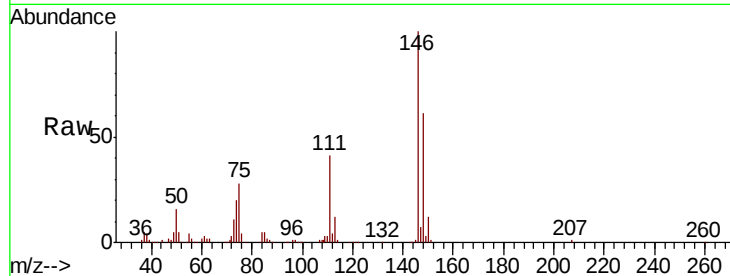
#91
 1,2-Dichlorobenzene
 Concen: 55.112 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. 0.00 min
 Lab File: VY000400.D
 Acq: 23 Oct 2019 22:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.5	61.5
148	61.1	31.6	95.0

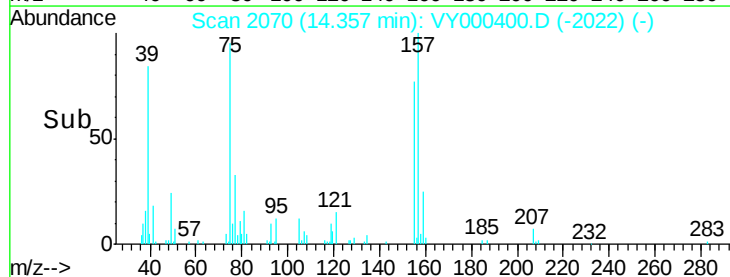
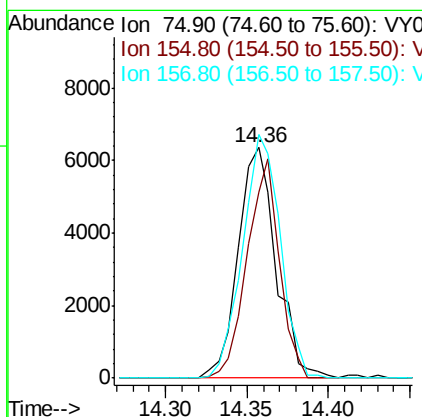
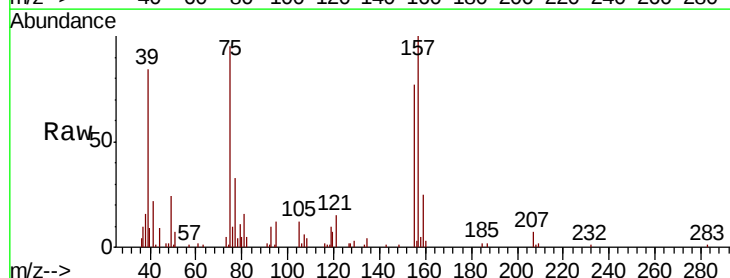
Manual Integrations
 APPROVED

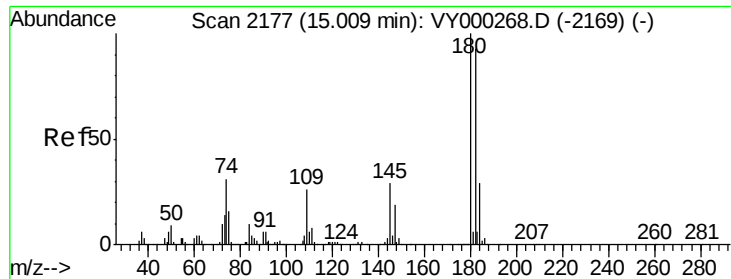
MMDadoda
 10/24/2019 4:30:46 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 61.631 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: VY000400.D
 Acq: 23 Oct 2019 22:32

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.8	45.8	137.3
157	105.2	55.6	166.9





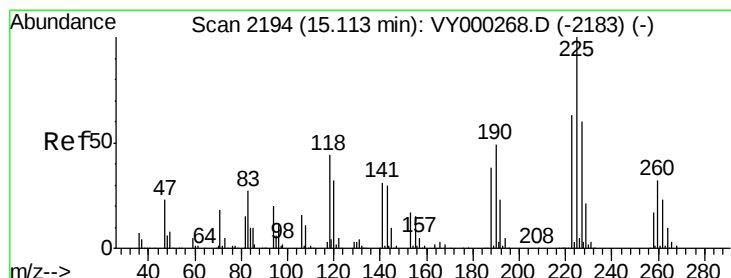
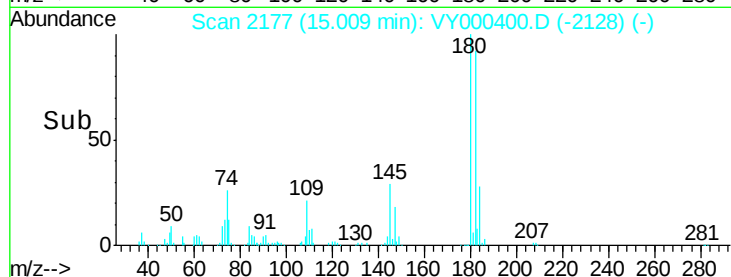
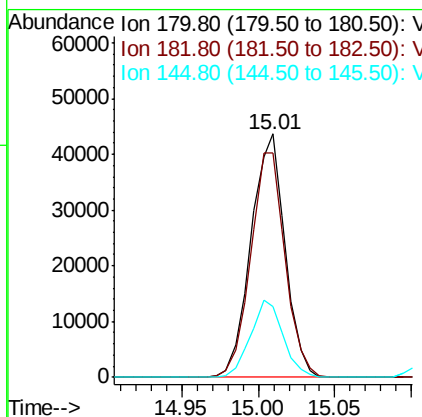
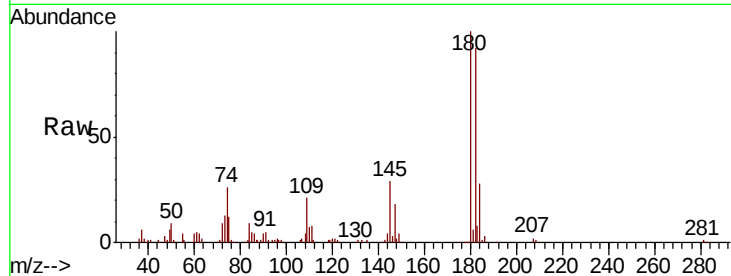
#93
 1,2,4-Trichlorobenzene
 Concen: 52.009 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VY000400.D
 Acq: 23 Oct 2019 22:32

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	67502		
182	93.9	47.5	142.6	
145	30.4	15.4	46.1	

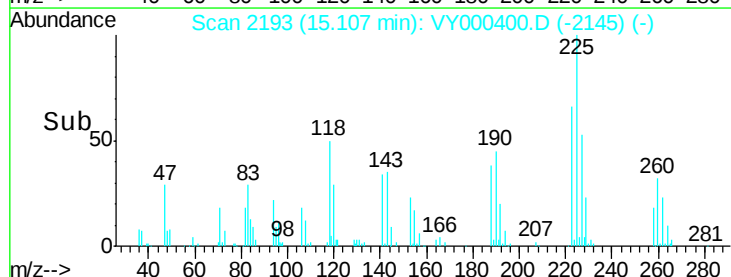
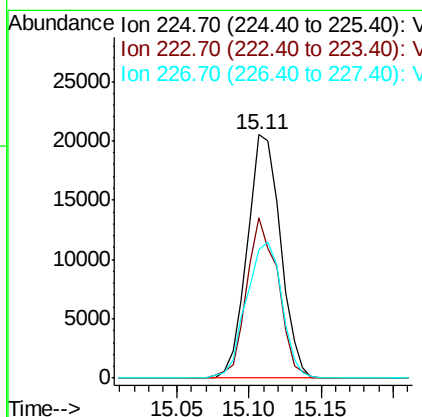
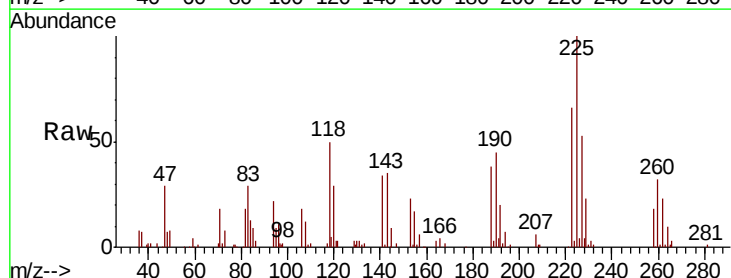
Manual Integrations
 APPROVED

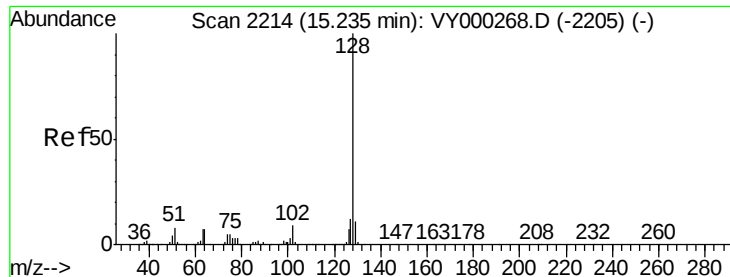
MMDadoda
 10/24/2019 4:30:46 PM



#94
 Hexachlorobutadiene
 Concen: 46.495 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: VY000400.D
 Acq: 23 Oct 2019 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	32657		
223	62.1	31.9	95.7	
227	59.8	31.4	94.2	





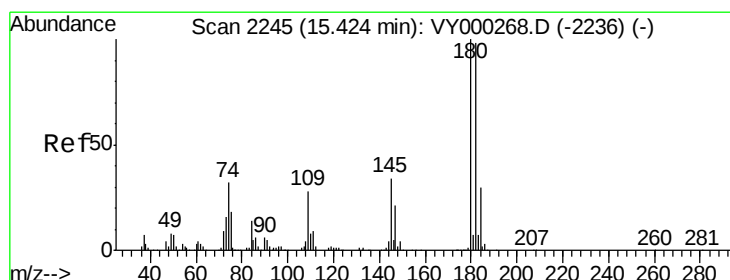
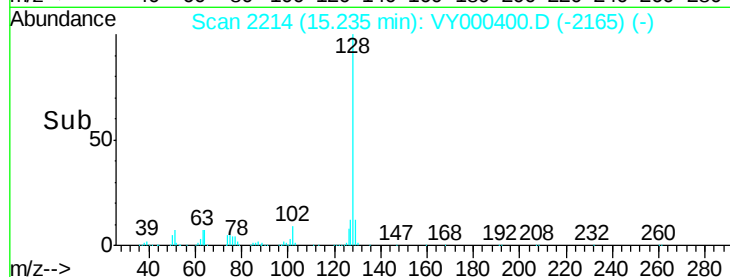
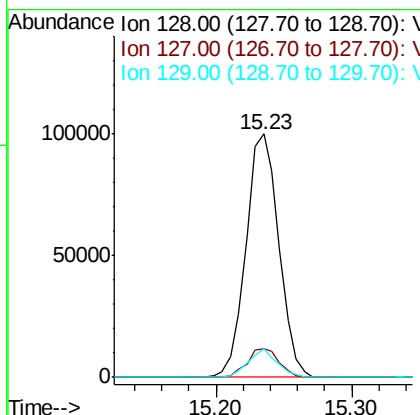
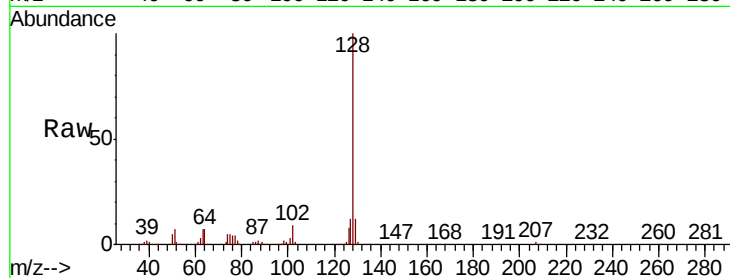
#95
Naphthalene
Concen: 58.503 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
128	100	169449		
127	11.7	9.6	14.4	
129	10.4	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
10/24/2019 4:30:46 PM



#96
1,2,3-Trichlorobenzene
Concen: 56.032 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. -0.01 min
Lab File: VY000400.D
Acq: 23 Oct 2019 22:32

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	65542		
182	91.0	46.5	139.5	
145	31.6	16.2	48.5	

