

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051319\
 Data File : VD062319.D
 Acq On : 13 May 2019 22:49
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00µ/5mL/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/14/2019 9:50:46 AM

Quant Time: May 14 06:09:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	648073	50.00	µg/l	0.04
34) 1,4-Difluorobenzene	8.23	114	897854	50.00	µg/l	0.04
63) Chlorobenzene-d5	12.37	117	695453	50.00	µg/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	384218	50.00	µg/l	0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	316401	52.54	µg/l	0.04
Spiked Amount	50.000		Recovery	=	105.08%	
35) Dibromofluoromethane	6.94	113	371345	49.85	µg/l	0.05
Spiked Amount	50.000		Recovery	=	99.70%	
50) Toluene-d8	10.43	98	752798	41.91	µg/l	0.03
Spiked Amount	50.000		Recovery	=	83.82%	
62) 4-Bromofluorobenzene	13.56	95	313542	43.47	µg/l	0.02
Spiked Amount	50.000		Recovery	=	86.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	293460	47.346	µg/l	99
3) Chloromethane	1.76	50	185592	41.439	µg/l	99
4) Vinyl Chloride	1.85	62	204527	46.467	µg/l	94
5) Bromomethane	2.16	94	77708	75.345	µg/l	96
6) Chloroethane	2.27	64	109513	59.294	µg/l	95
7) Trichlorofluoromethane	2.54	101	528081	61.711	µg/l	97
8) Diethyl Ether	2.88	74	66085	40.043	µg/l	70
9) 1,1,2-Trichlorotrifluoroet	3.16	101	310792	48.011	µg/l	94
10) Methyl Iodide	3.31	142	412312	42.143	µg/l	# 82
11) Tert butyl alcohol	4.09	59	76251	248.034	µg/l	95
12) 1,1-Dichloroethene	3.13	96	240243	48.618	µg/l	84
13) Acrolein	3.04	56	57614	181.194	µg/l	88
14) Allyl chloride	3.64	41	350937	48.844	µg/l	# 83
15) Acrylonitrile	4.21	53	177481	219.642	µg/l	# 80
16) Acetone	3.23	43	281224	222.662	µg/l	# 83
17) Carbon Disulfide	3.39	76	594720	41.838	µg/l	99
18) Methyl Acetate	3.65	43	112774	49.924	µg/l	93
19) Methyl tert-butyl Ether	4.26	73	507805	47.944	µg/l	97
20) Methylene Chloride	3.82	84	265033	50.257	µg/l	88
21) trans-1,2-Dichloroethene	4.23	96	257620	46.851	µg/l	88
22) Diisopropyl ether	5.14	45	732279	47.895	µg/l	96
23) Vinyl Acetate	5.07	43	2199347	272.644	µg/l	97
24) 1,1-Dichloroethane	5.00	63	471553	51.126	µg/l	98
25) 2-Butanone	6.09	43	336078	243.952	µg/l	98
26) 2,2-Dichloropropane	6.04	77	491108	53.453	µg/l	88
27) cis-1,2-Dichloroethene	6.06	96	304338	49.447	µg/l	98
28) Bromochloromethane	6.45	49	220024	60.633	µg/l	82
29) Tetrahydrofuran	6.47	42	142501	224.496	µg/l	97
30) Chloroform	6.68	83	618018	55.598	µg/l	99
31) Cyclohexane	6.97	56	300291	47.522	µg/l	95
32) 1,1,1-Trichloroethane	6.88	97	626630	59.642	µg/l	97
36) 1,1-Dichloropropene	7.16	75	385022	52.302	µg/l	95
37) Ethyl Acetate	6.20	43	153670	49.223	µg/l	# 89
38) Carbon Tetrachloride	7.13	117	579535m	56.878	µg/l	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051319\
 Data File : VD062319.D
 Acq On : 13 May 2019 22:49
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00µ/5mL/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
ClientSampled :
 VSTDCCC050

Manual Integrations
APPROVED
 MMDadoda
 5/14/2019 9:50:46 AM

Quant Time: May 14 06:09:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.88	83	337967	47.916	µg/l	94
40) Benzene	7.47	78	795824	47.874	µg/l	99
41) Methacrylonitrile	6.46	41	194400	50.955	µg/l #	86
42) 1,2-Dichloroethane	7.59	62	406342	57.694	µg/l	91
43) Isopropyl Acetate	9.25	43	207430	46.849	µg/l	93
44) Trichloroethene	8.56	130	312583	49.347	µg/l	84
45) 1,2-Dichloropropane	8.95	63	198794	48.348	µg/l	94
46) Dibromomethane	9.08	93	175703	52.548	µg/l	93
47) Bromodichloromethane	9.39	83	452727	55.355	µg/l	98
48) Methyl methacrylate	9.14	41	141723	51.966	µg/l	87
49) 1,4-Dioxane	9.10	88	26536	901.806	µg/l #	92
51) 4-Methyl-2-Pentanone	10.32	43	749208	263.240	µg/l	91
52) Toluene	10.52	92	520386	48.114	µg/l	97
53) t-1,3-Dichloropropene	10.93	75	361282	51.110	µg/l	97
54) cis-1,3-Dichloropropene	10.05	75	390936	50.696	µg/l #	84
55) 1,1,2-Trichloroethane	11.20	97	192151	50.211	µg/l	96
56) Ethyl methacrylate	11.06	69	190476	47.898	µg/l #	78
57) 1,3-Dichloropropane	11.42	76	279468	48.339	µg/l	97
58) 2-Chloroethyl Vinyl ether	9.87	63	601261	276.798	µg/l	100
59) 2-Hexanone	11.55	43	509020	242.658	µg/l	90
60) Dibromochloromethane	11.69	129	345389	52.224	µg/l	99
61) 1,2-Dibromoethane	11.81	107	238394	51.239	µg/l	93
64) Tetrachloroethene	11.27	164	277076	50.950	µg/l	98
65) Chlorobenzene	12.40	112	645923	49.867	µg/l	99
66) 1,1,1,2-Tetrachloroethane	12.52	131	307292	54.510	µg/l	95
67) Ethyl Benzene	12.53	91	1170464	53.975	µg/l	94
68) m/p-Xylenes	12.68	106	810343	102.710	µg/l	87
69) o-Xylene	13.05	106	372196	50.743	µg/l	79
70) Styrene	13.08	104	651873	52.463	µg/l	96
71) Bromoform	13.24	173	224694	57.289	µg/l	97
73) Isopropylbenzene	13.41	105	1123539	48.783	µg/l	95
74) N-amyl acetate	13.27	43	296637	49.126	µg/l	94
75) 1,1,2,2-Tetrachloroethane	13.70	83	211522	48.513	µg/l	100
76) 1,2,3-Trichloropropane	13.74	75	222588	48.748	µg/l	99
77) Bromobenzene	13.67	156	303236	47.033	µg/l	86
78) n-propylbenzene	13.78	91	1369303	49.841	µg/l	97
79) 2-Chlorotoluene	13.85	91	821713	52.223	µg/l	94
80) 1,3,5-Trimethylbenzene	13.94	105	989110	51.000	µg/l	91
81) trans-1,4-Dichloro-2-buten	13.48	75	63144	48.985	µg/l #	66
82) 4-Chlorotoluene	13.95	91	922398	49.817	µg/l	79
83) tert-Butylbenzene	14.19	119	1095560	50.258	µg/l	89
84) 1,2,4-Trimethylbenzene	14.24	105	1033430	53.100	µg/l	91
85) sec-Butylbenzene	14.37	105	1129332	47.251	µg/l	96
86) p-Isopropyltoluene	14.50	119	1015115	47.538	µg/l	94
87) 1,3-Dichlorobenzene	14.46	146	543510	46.148	µg/l	98
88) 1,4-Dichlorobenzene	14.54	146	556542	48.092	µg/l	99
89) n-Butylbenzene	14.80	91	996097	51.971	µg/l	96
90) Hexachloroethane	15.01	117	296587	51.073	µg/l	89
91) 1,2-Dichlorobenzene	14.81	146	506037	52.171	µg/l	99
92) 1,2-Dibromo-3-Chloropropan	15.39	75	41211	57.580	µg/l	80

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051319\
 Data File : VD062319.D
 Acq On : 13 May 2019 22:49
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00µ/5mL/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/14/2019 9:50:46 AM

Quant Time: May 14 06:09:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	404569	57.304	µg/l	95
94) Hexachlorobutadiene	16.04	225	289054	55.048	µg/l	100
95) Naphthalene	16.13	128	526579	53.424	µg/l	99
96) 1,2,3-Trichlorobenzene	16.28	180	296170	66.722	µg/l	94

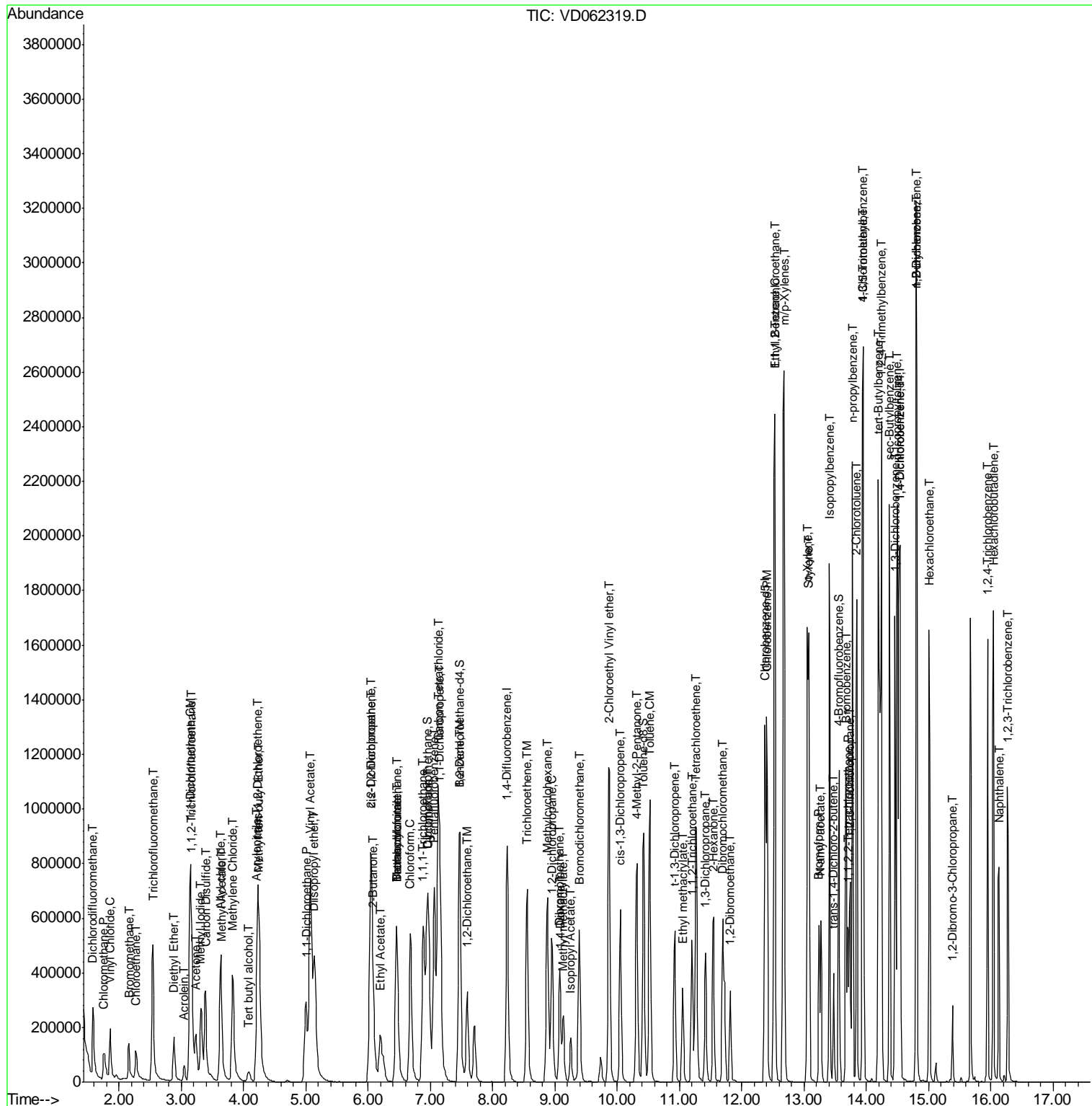
(#) = qualifier out of range (m) = manual integration (+) = signals summed

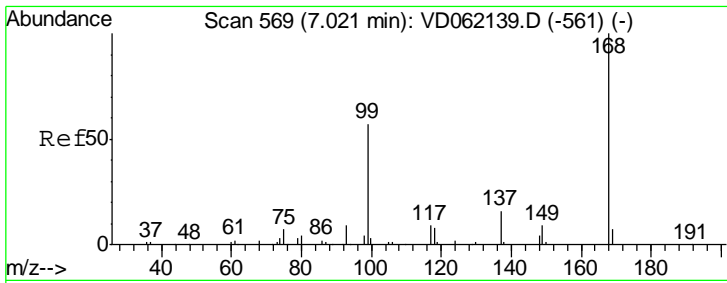
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051319\
 Data File : VD062319.D
 Acq On : 13 May 2019 22:49
 Operator : FY/SY
 Sample : VSTDCCC050
 Misc : 5.00µ/5mL/MSVOA D/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_D
 Client Sampled :
 VSTDCCC050

Manual Integrations
APPROVED
 MMDadoda
 5/14/2019 9:50:46 AM

Quant Time: May 14 06:09:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration





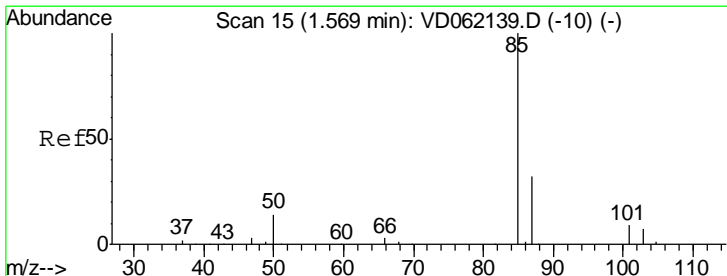
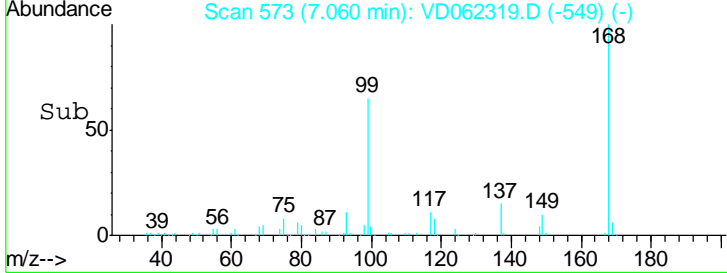
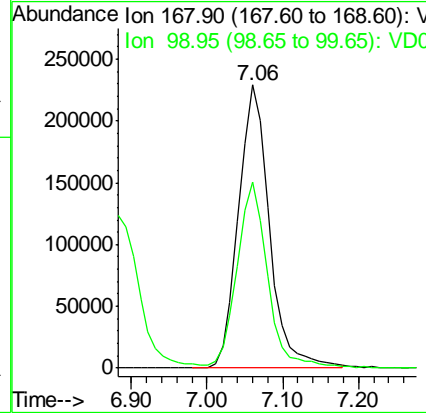
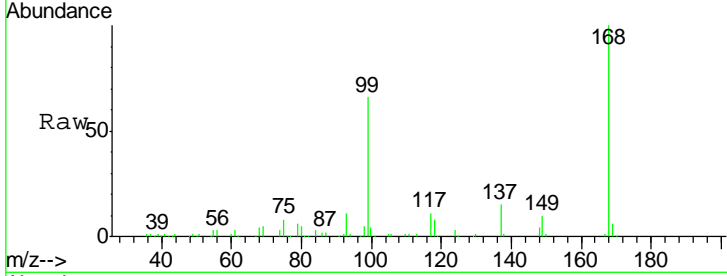
#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.06 min Scan# 573
 Delta R.T. 0.04 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument :
 MSVOA_D
 ClientSampled :
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
168	100		
99	65.8	46.5	69.7

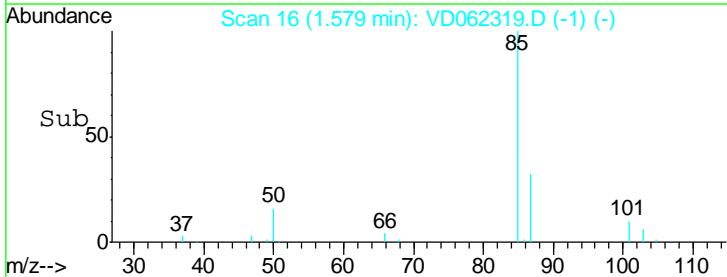
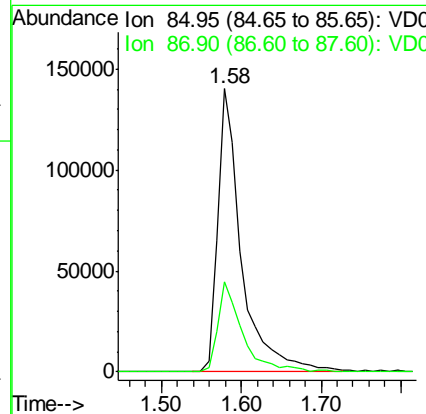
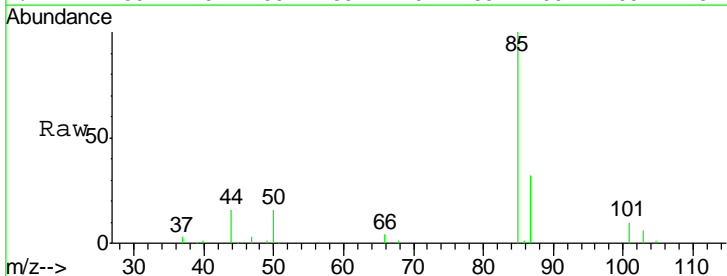
Manual Integrations
 APPROVED

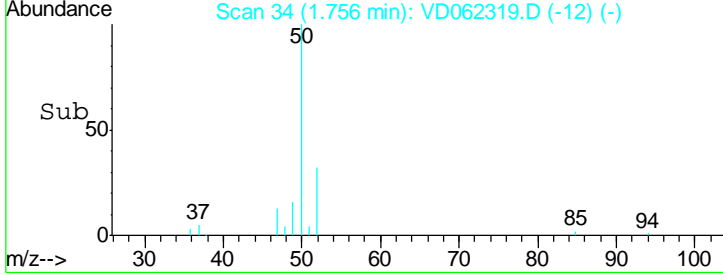
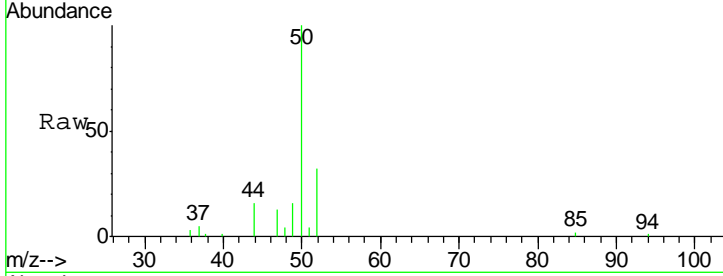
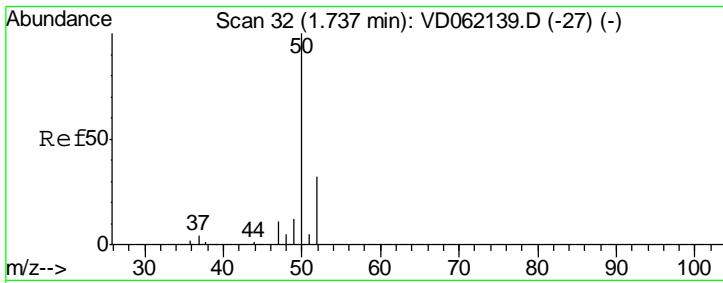
MMDadoda
 5/14/2019 9:50:46 AM



#2
 Dichlorodifluoromethane
 Concen: 47.346 ug/l
 RT: 1.58 min Scan# 16
 Delta R.T. 0.01 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
85	100		
87	31.6	16.2	48.6





#3
 Chloromethane
 Concen: 41.439 ug/l
 RT: 1.76 min Scan# 34
 Delta R.T. 0.02 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

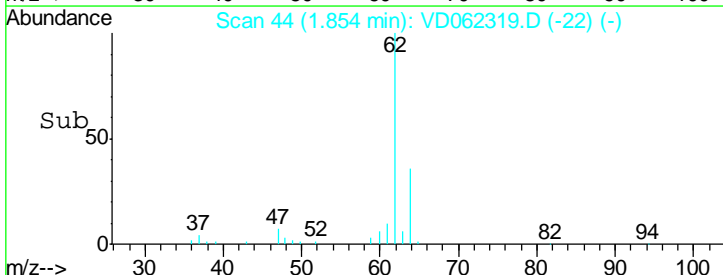
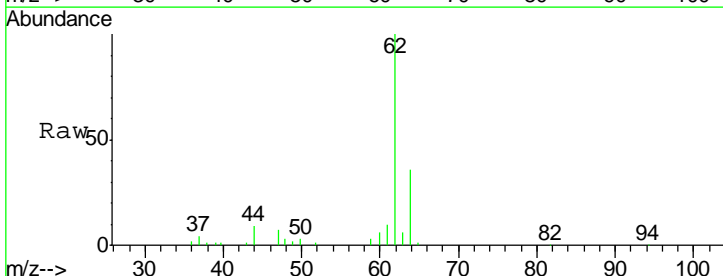
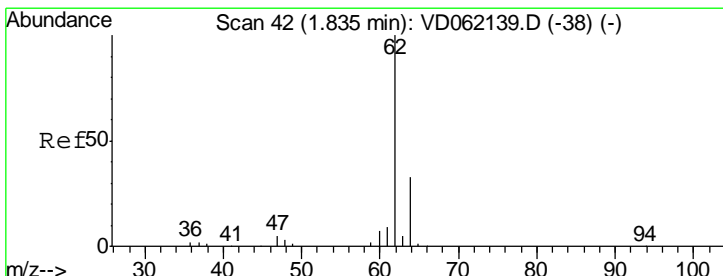
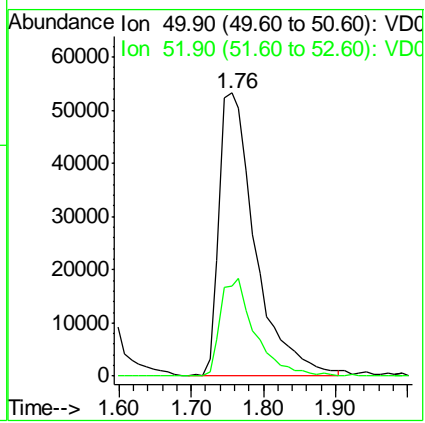
Tgt Ion: 50 Resp: 185592

Ion	Ratio	Lower	Upper
50	100		
52	32.0	25.2	37.8

Instrument :
 MSVOA_D
ClientSampled :
 VSTDCCC050

Manual Integrations
APPROVED

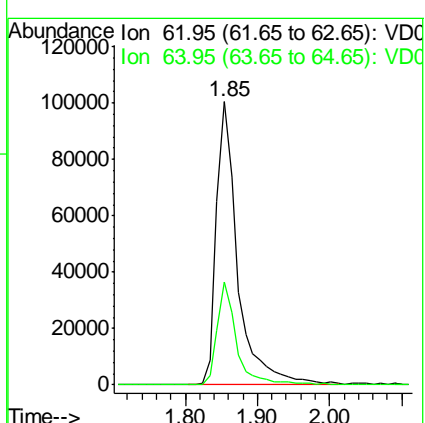
MMDadoda
 5/14/2019 9:50:46 AM

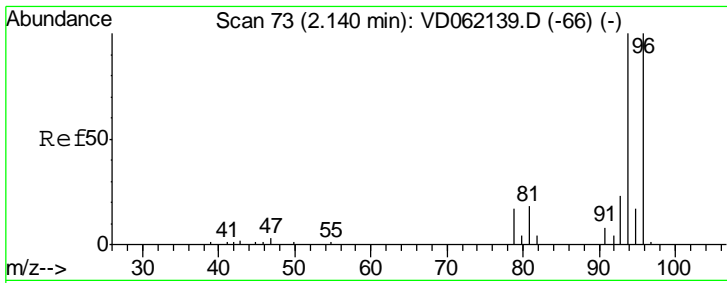


#4
 Vinyl Chloride
 Concen: 46.467 ug/l
 RT: 1.85 min Scan# 44
 Delta R.T. 0.02 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion: 62 Resp: 204527

Ion	Ratio	Lower	Upper
62	100		
64	36.2	26.5	39.7





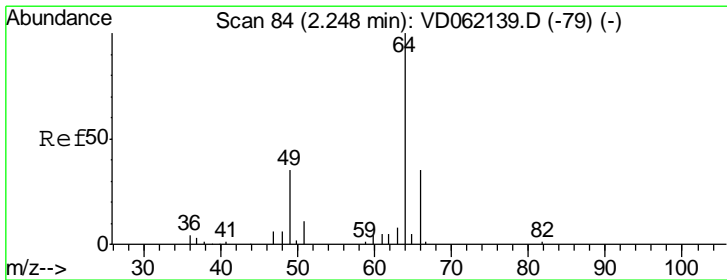
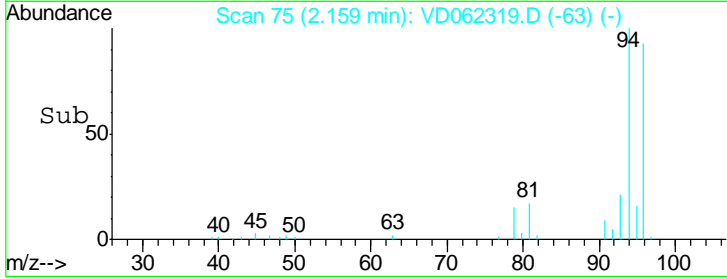
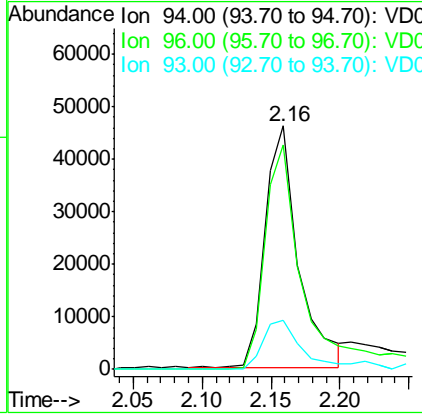
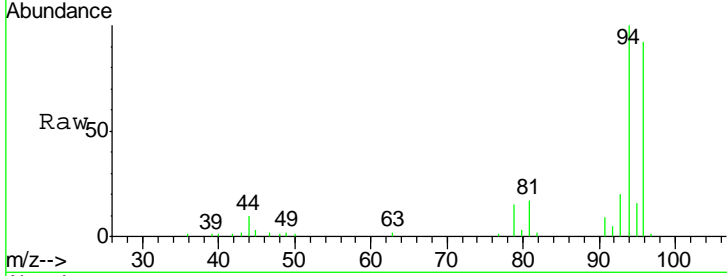
#5
 Bromomethane
 Concen: 75.345 ug/l
 RT: 2.16 min Scan# 75
 Delta R.T. 0.02 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument : MSVOA_D
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
94	100		
96	91.9	76.6	115.0
93	20.4	18.5	27.7

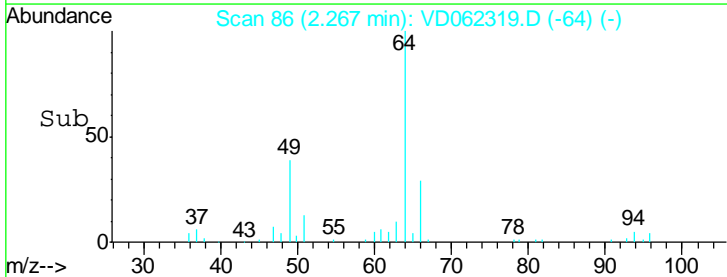
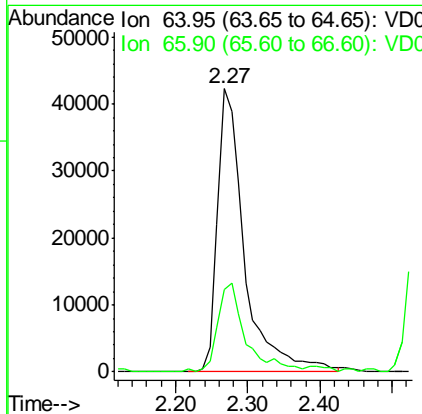
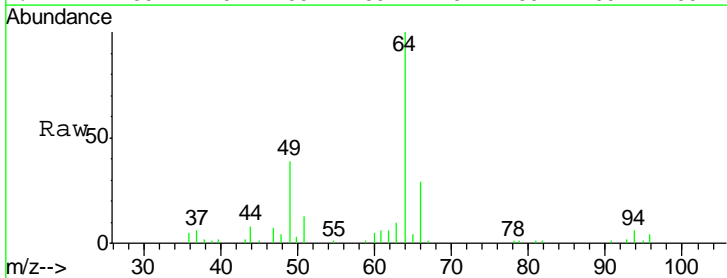
Manual Integrations
 APPROVED

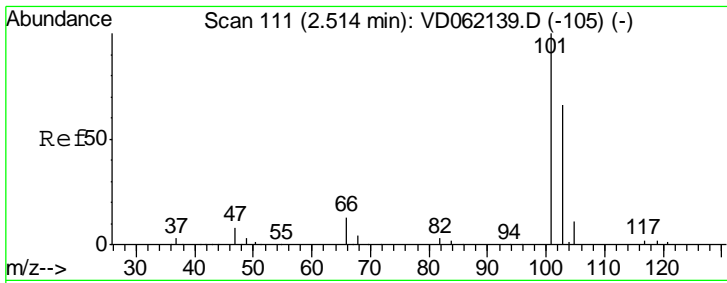
MMDadoda
 5/14/2019 9:50:46 AM



#6
 Chloroethane
 Concen: 59.294 ug/l
 RT: 2.27 min Scan# 86
 Delta R.T. 0.02 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
64	100		
66	29.3	25.6	38.4





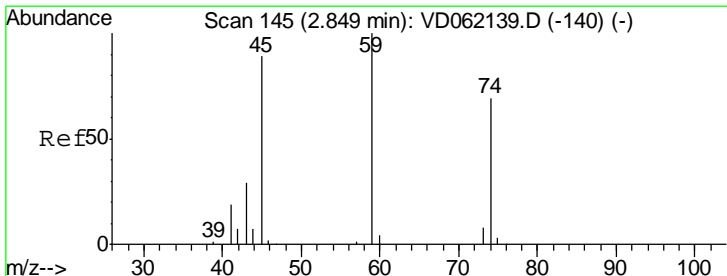
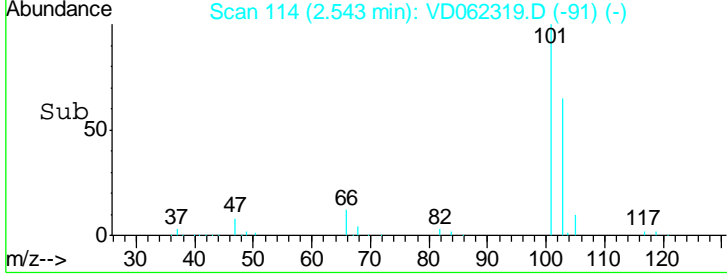
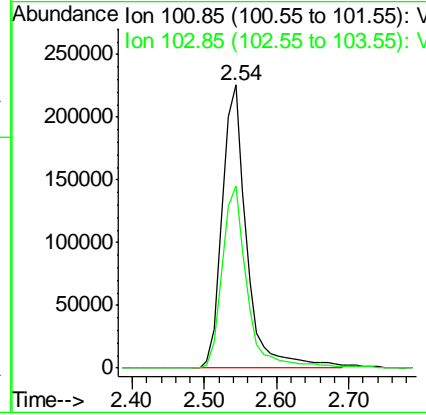
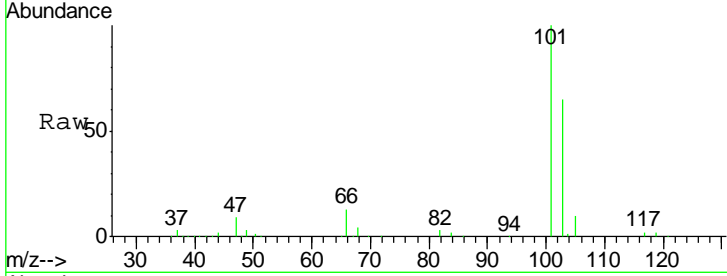
#7
 Trichlorofluoromethane
 Concen: 61.711 ug/l
 RT: 2.54 min Scan# 114
 Delta R.T. 0.03 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument : MSVOA_D
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
101	100		
103	64.6	53.6	80.4

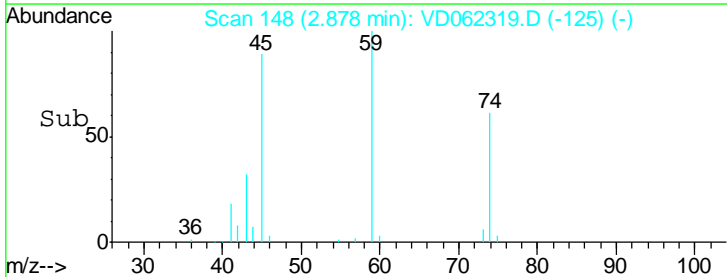
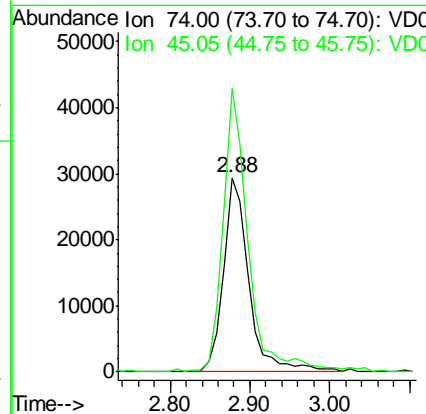
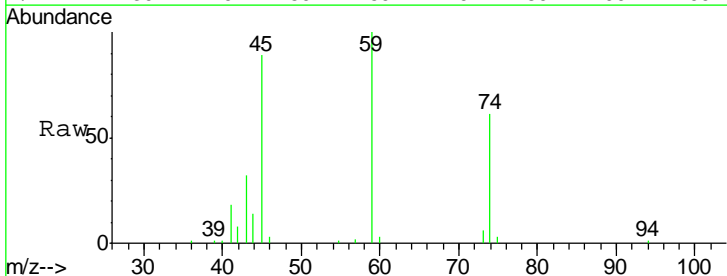
Manual Integrations
 APPROVED

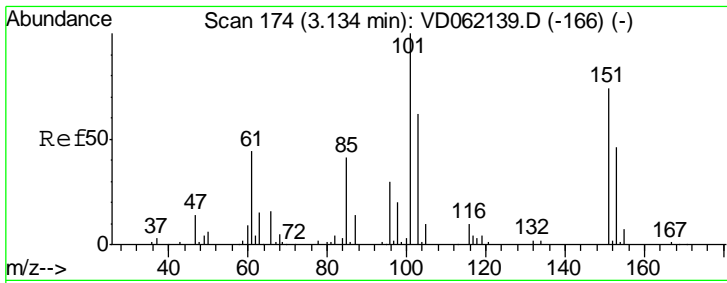
MMDadoda
 5/14/2019 9:50:46 AM



#8
 Diethyl Ether
 Concen: 40.043 ug/l
 RT: 2.88 min Scan# 148
 Delta R.T. 0.03 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
74	100		
45	145.8	56.9	170.7





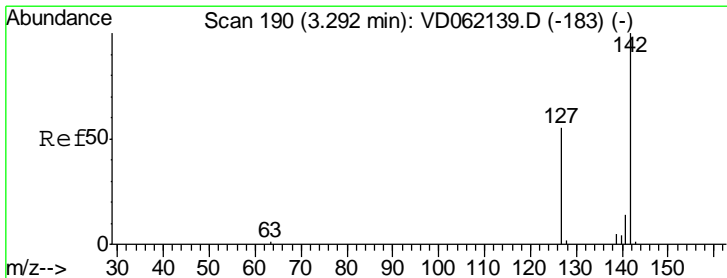
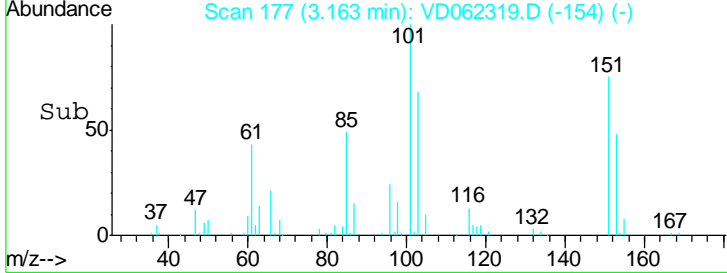
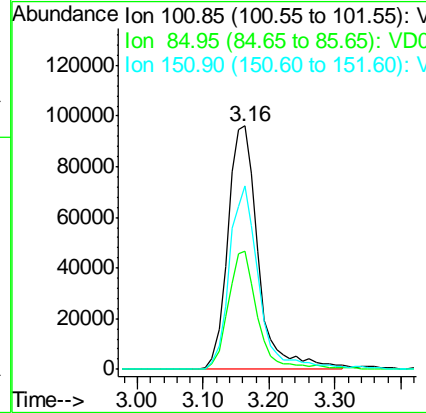
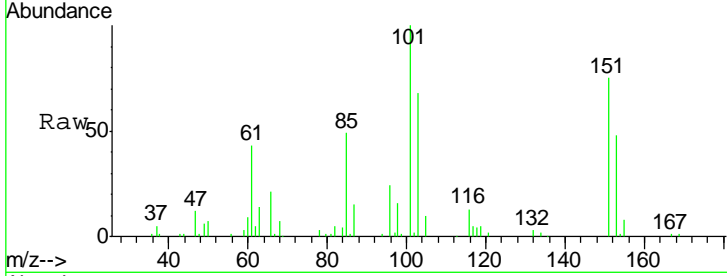
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.011 ug/l
 RT: 3.16 min Scan# 177
 Delta R.T. 0.03 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument : MSVOA_D
 ClientSampleId : VSTDC0050

Tgt Ion	Resp	Lower	Upper
101	310792		
85	48.6	32.4	48.6
151	75.4	59.4	89.0

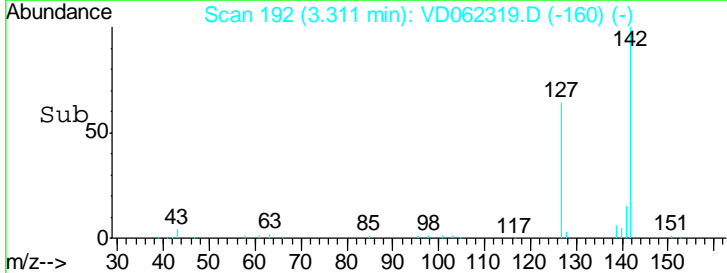
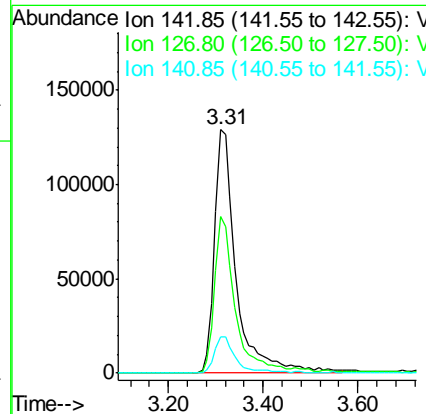
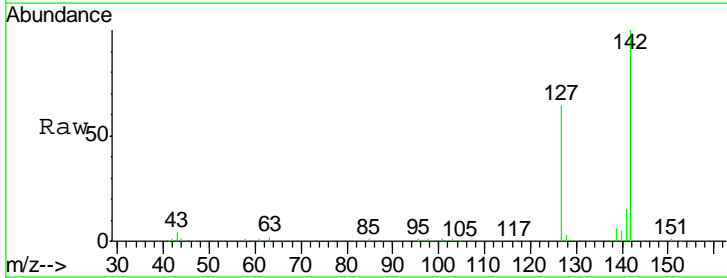
Manual Integrations
 APPROVED

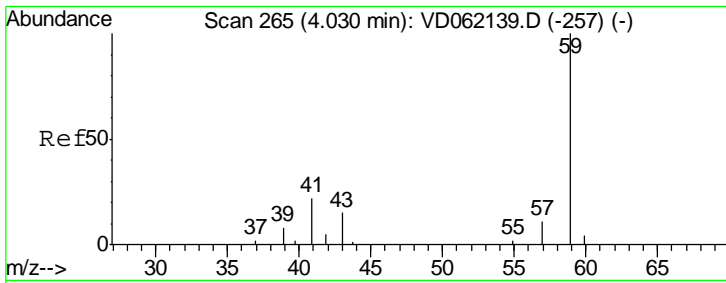
MMDadoda
 5/14/2019 9:50:46 AM



#10
 Methyl Iodide
 Concen: 42.143 ug/l
 RT: 3.31 min Scan# 192
 Delta R.T. 0.02 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
142	412312		
127	64.4	38.8	58.2#
141	14.7	11.4	17.0





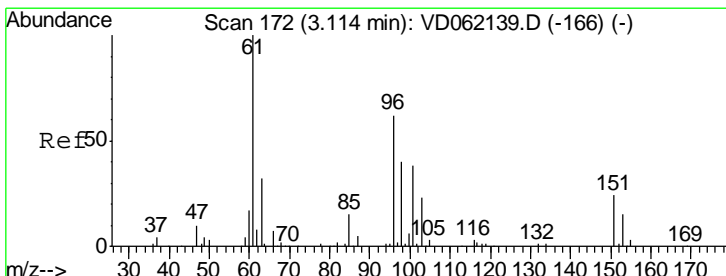
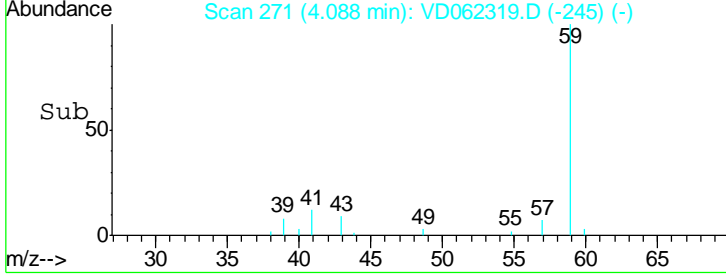
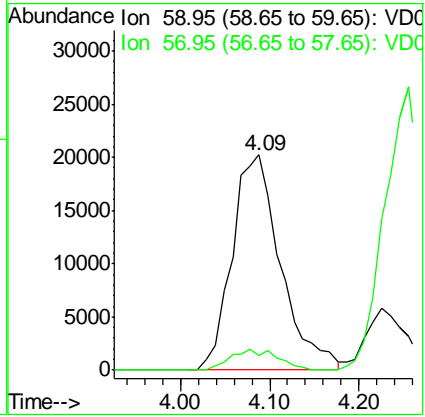
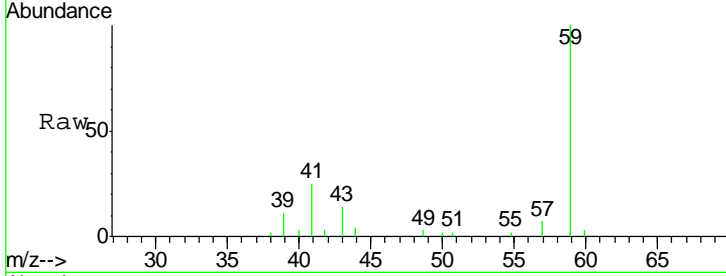
#11
 Tert butyl alcohol
 Concen: 248.034 ug/l
 RT: 4.09 min Scan# 271
 Delta R.T. 0.06 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument : MSVOA_D
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
59	100		
57	6.9	6.9	10.3

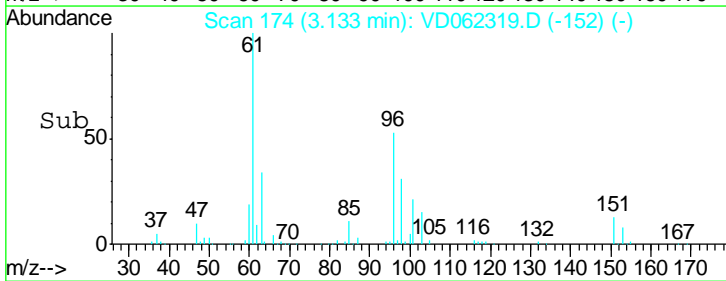
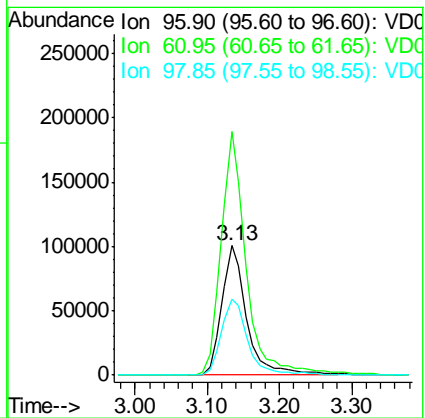
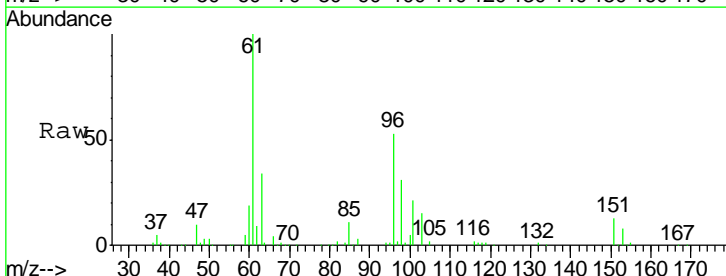
Manual Integrations
 APPROVED

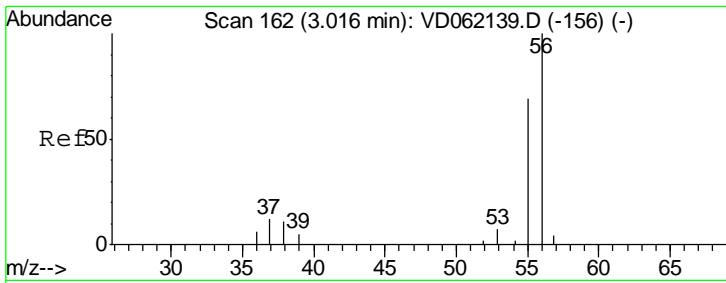
MMDadoda
 5/14/2019 9:50:46 AM



#12
 1,1-Dichloroethene
 Concen: 48.618 ug/l
 RT: 3.13 min Scan# 174
 Delta R.T. 0.02 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
96	100		
61	187.9	129.8	194.8
98	58.7	51.2	76.8



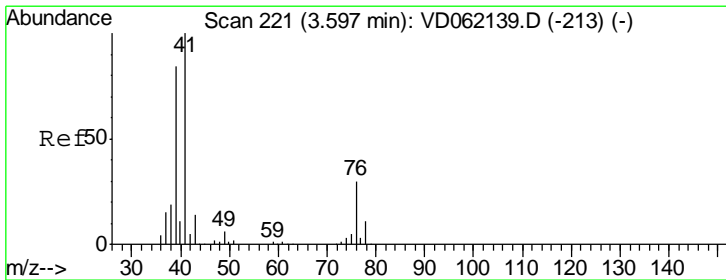
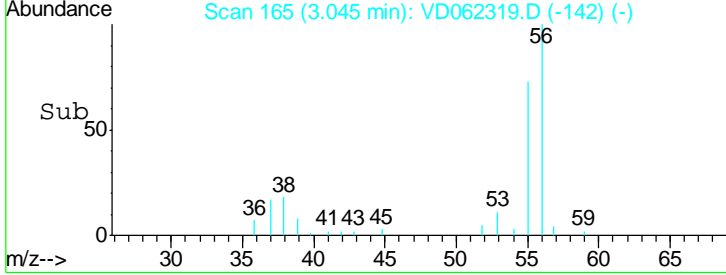
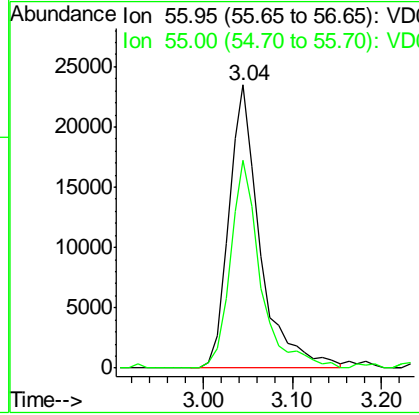
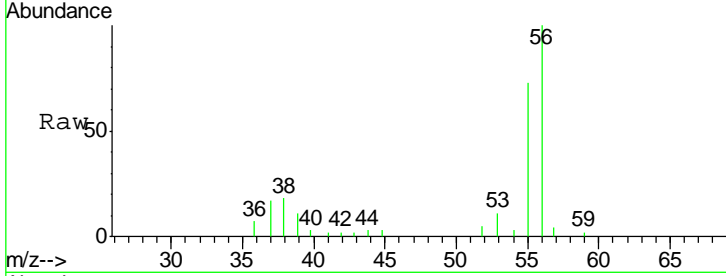


#13
 Acrolein
 Concen: 181.194 ug/l
 RT: 3.04 min Scan# 165
 Delta R.T. 0.03 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument : MSVOA_D
 ClientSampled : VSTDCCC050

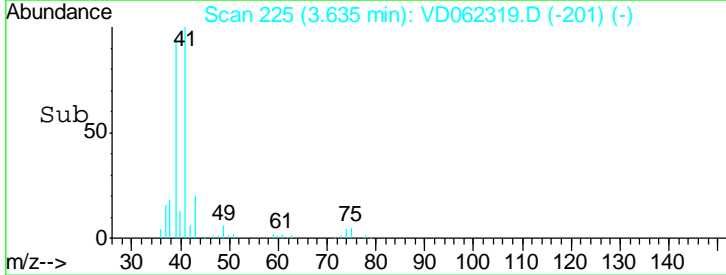
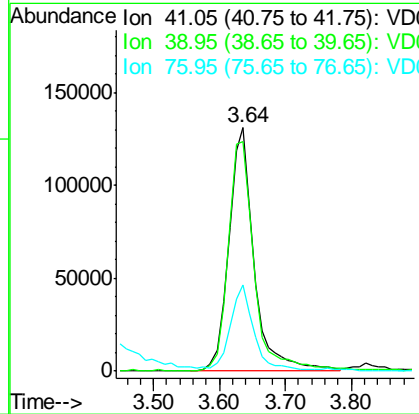
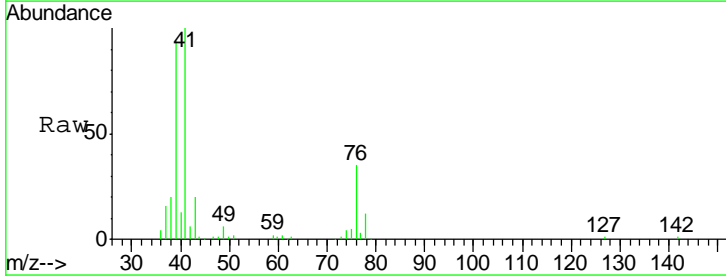
Tgt Ion	Resp	Lower	Upper
56	100		
55	73.3	51.4	77.2

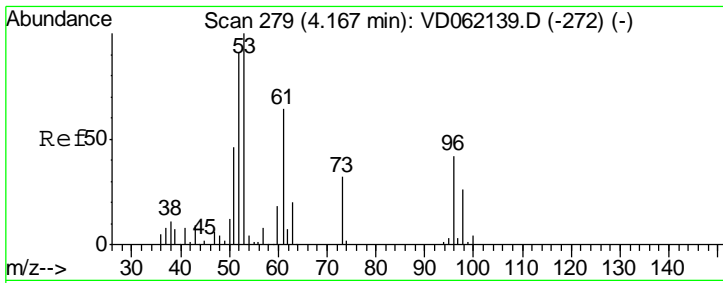
Manual Integrations APPROVED
 MMDadoda
 5/14/2019 9:50:46 AM



#14
 Allyl chloride
 Concen: 48.844 ug/l
 RT: 3.64 min Scan# 225
 Delta R.T. 0.04 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
41	100		
39	94.4	60.5	90.7#
76	35.3	31.8	47.8





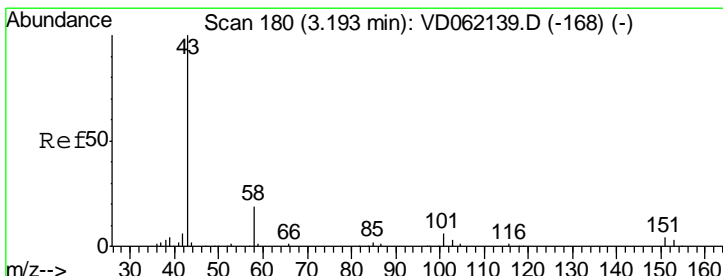
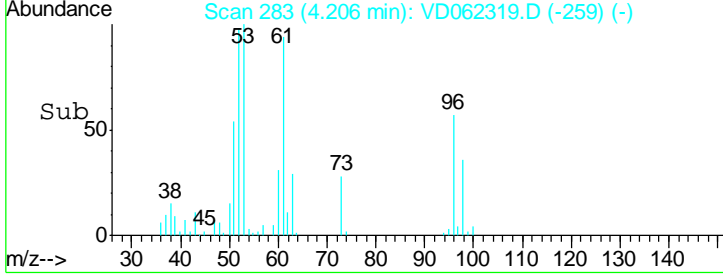
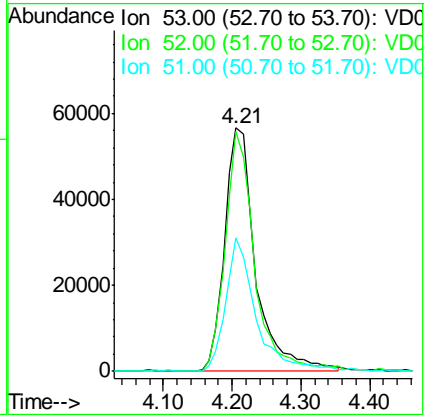
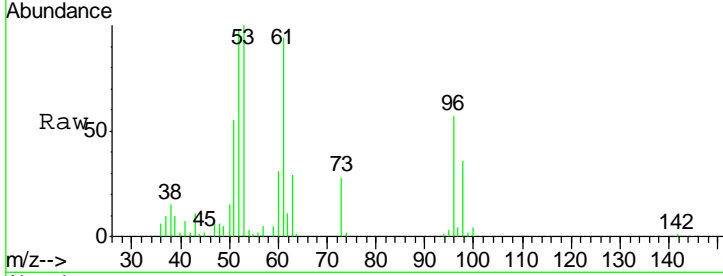
#15
 Acrylonitrile
 Concen: 219.642 ug/l
 RT: 4.21 min Scan# 283
 Delta R.T. 0.04 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument : MSVOA_D
 ClientSampled : VSTDCCC050

Tgt Ion: 53 Resp: 177481

Ion	Ratio	Lower	Upper
53	100		
52	98.4	65.0	97.4#
51	54.8	32.6	48.8#

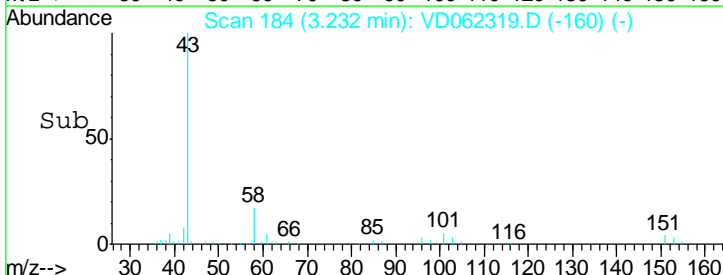
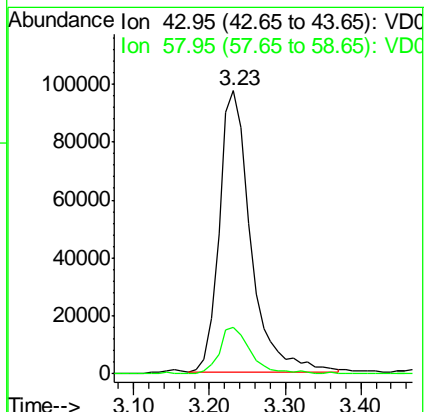
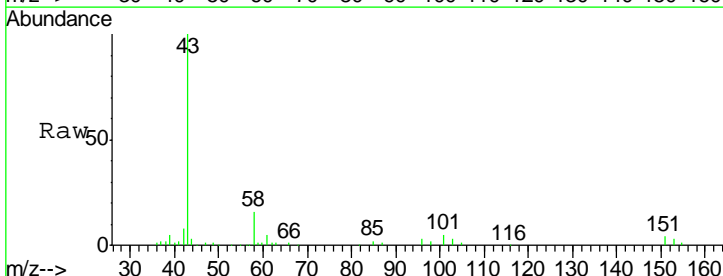
Manual Integrations
APPROVED
 MMDadoda
 5/14/2019 9:50:46 AM

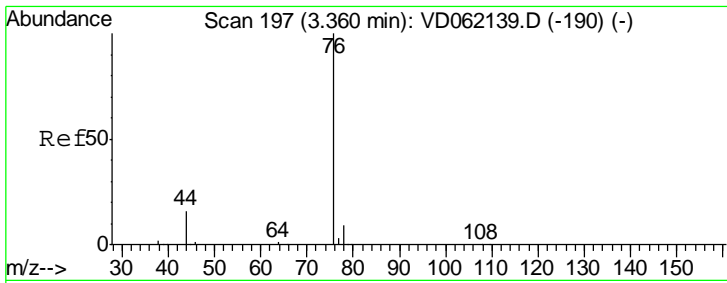


#16
 Acetone
 Concen: 222.662 ug/l
 RT: 3.23 min Scan# 184
 Delta R.T. 0.04 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion: 43 Resp: 281224

Ion	Ratio	Lower	Upper
43	100		
58	16.5	19.9	29.9#





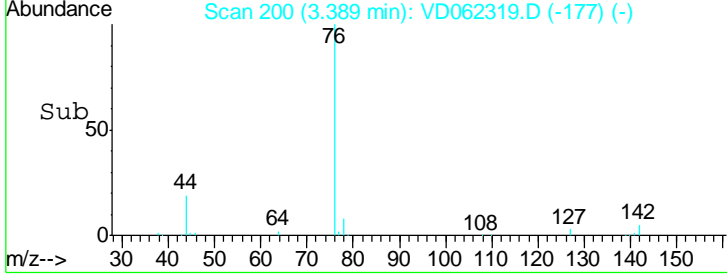
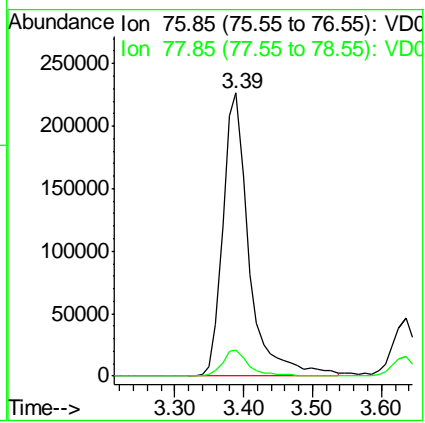
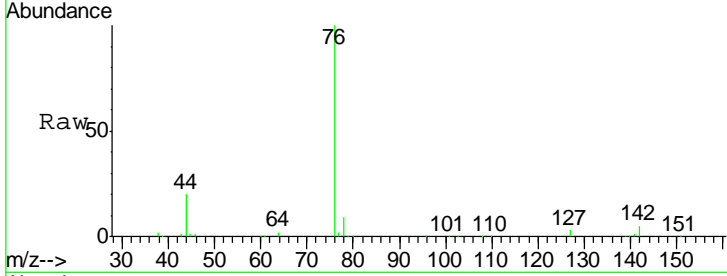
#17
 Carbon Disulfide
 Concen: 41.838 ug/l
 RT: 3.39 min Scan# 200
 Delta R.T. 0.03 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument :
 MSVOA_D
ClientSampled :
 VSTDCCC050

Tgt Ion: 76 Resp: 594720

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.2	10.8

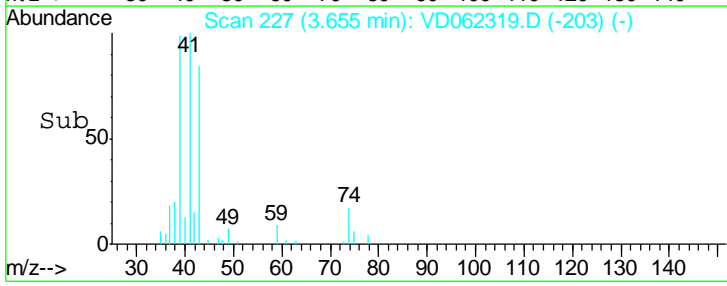
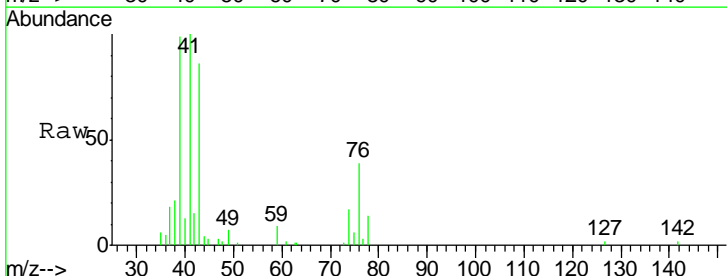
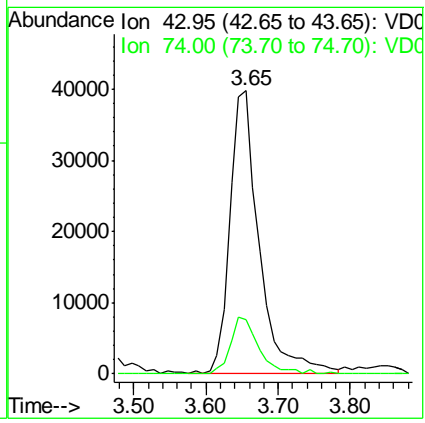
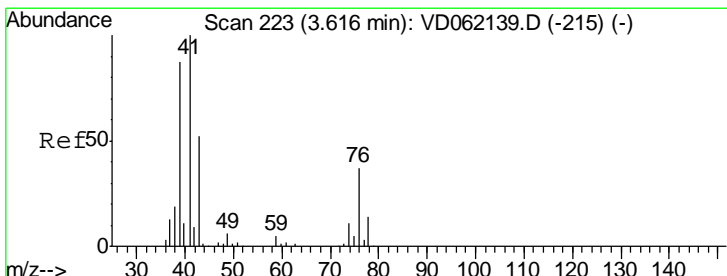
Manual Integrations
APPROVED
 MMDadoda
 5/14/2019 9:50:46 AM

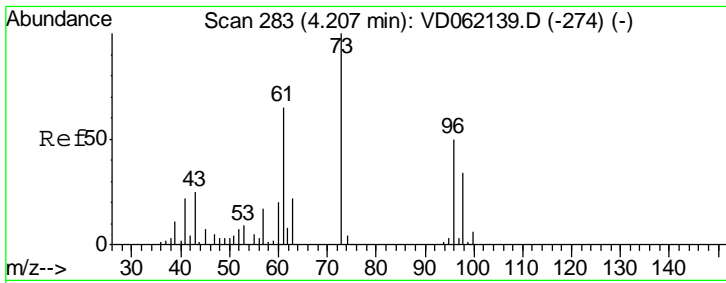


#18
 Methyl Acetate
 Concen: 49.924 ug/l
 RT: 3.65 min Scan# 227
 Delta R.T. 0.04 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion: 43 Resp: 112774

Ion	Ratio	Lower	Upper
43	100		
74	19.2	18.0	27.0





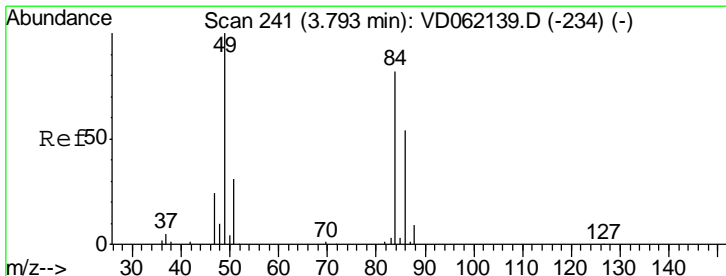
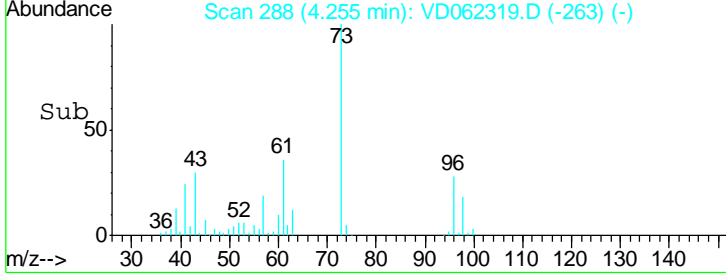
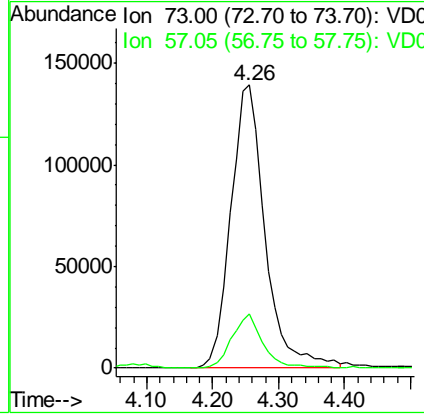
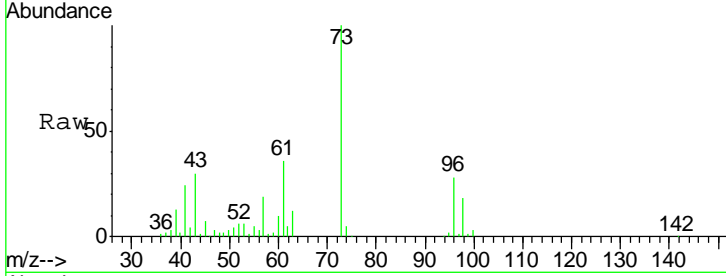
#19
Methyl tert-butyl Ether
Concen: 47.944 ug/l
RT: 4.26 min Scan# 288
Delta R.T. 0.05 min
Lab File: VD062319.D
Acq: 13 May 2019 22:49

Instrument : MSVOA_D
ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
73	100		
57	19.1	16.3	24.5

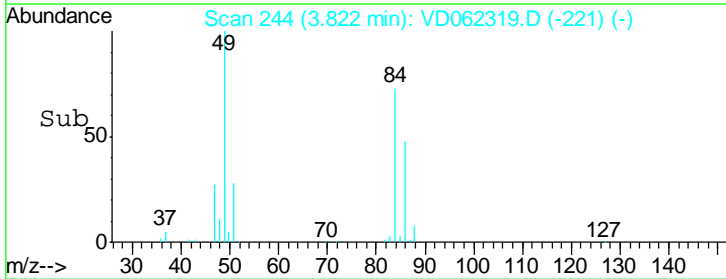
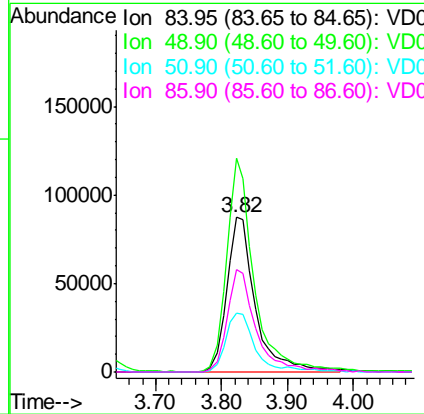
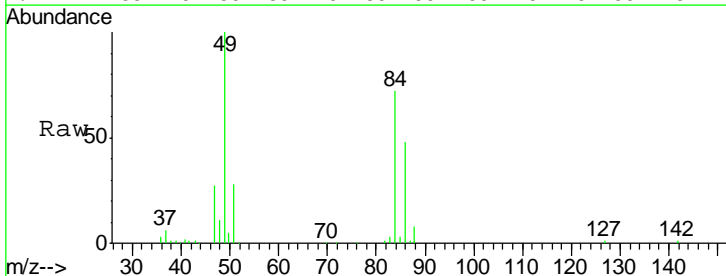
Manual Integrations
APPROVED

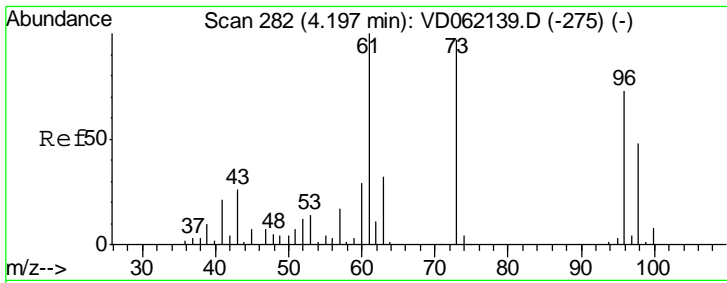
MMDadoda
5/14/2019 9:50:46 AM



#20
Methylene Chloride
Concen: 50.257 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.03 min
Lab File: VD062319.D
Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
84	100		
49	138.3	94.0	141.0
51	38.5	29.0	43.4
86	66.1	49.8	74.6





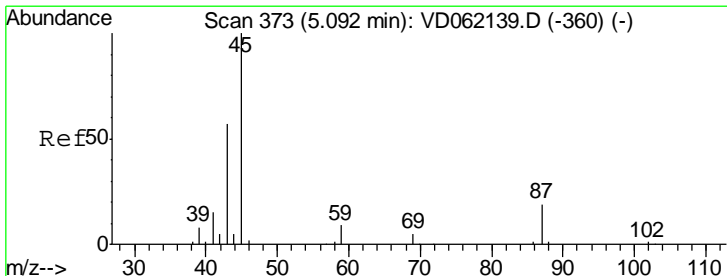
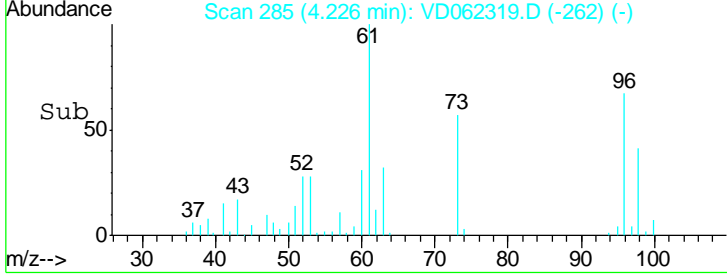
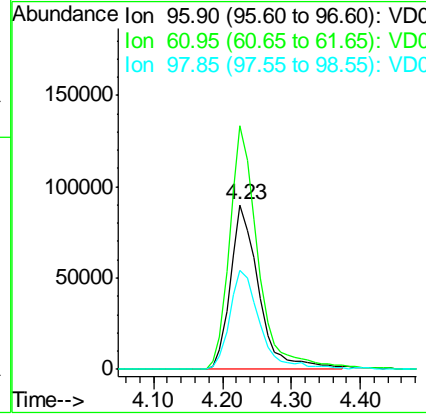
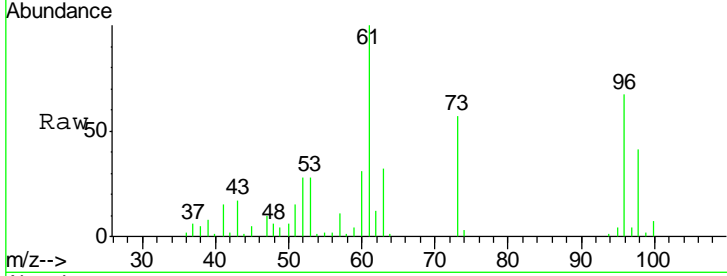
#21
 trans-1,2-Dichloroethene
 Concen: 46.851 ug/l
 RT: 4.23 min Scan# 285
 Delta R.T. 0.03 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument : MSVOA_D
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
96	257620		
96	100		
61	148.2	104.4	156.6
98	60.6	51.8	77.8

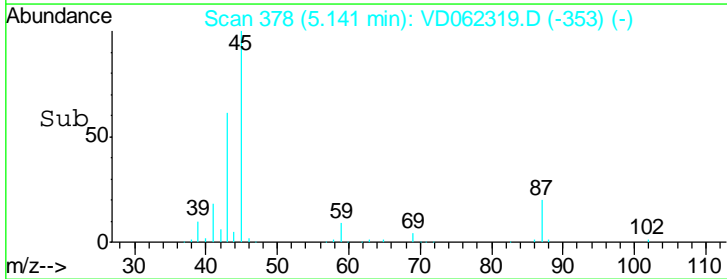
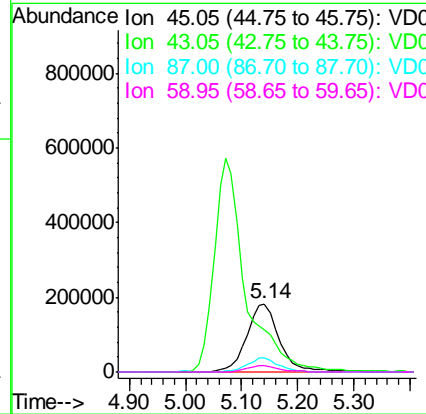
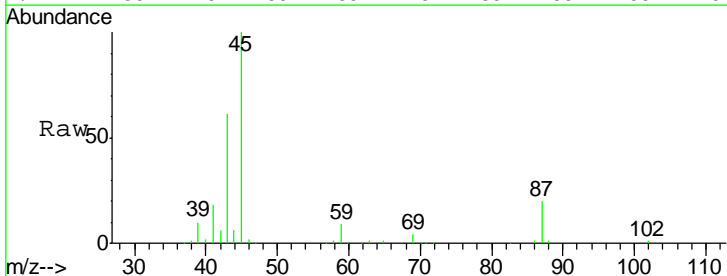
Manual Integrations
 APPROVED

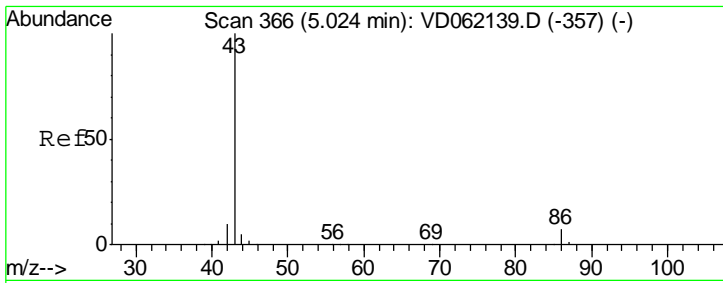
MMDadoda
 5/14/2019 9:50:46 AM



#22
 Diisopropyl ether
 Concen: 47.895 ug/l
 RT: 5.14 min Scan# 378
 Delta R.T. 0.05 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
45	732279		
45	100		
43	61.3	46.2	69.2
87	20.2	15.9	23.9
59	8.9	7.9	11.9





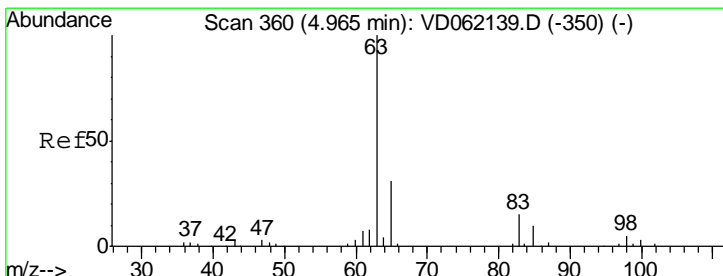
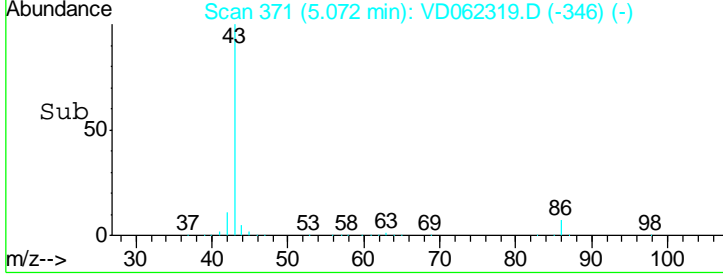
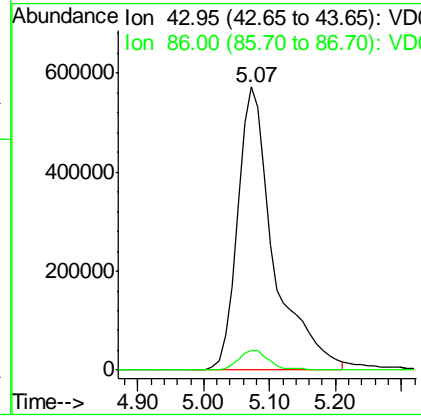
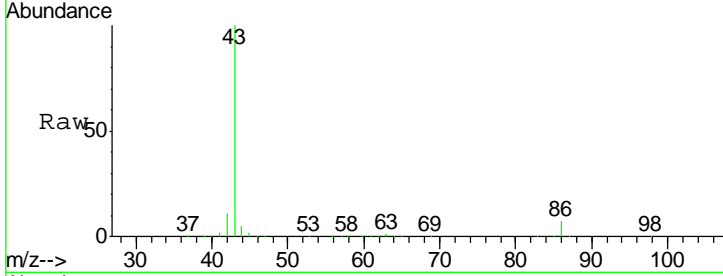
#23
 Vinyl Acetate
 Concen: 272.644 ug/l
 RT: 5.07 min Scan# 371
 Delta R.T. 0.05 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument :
 MSVOA_D
ClientSampled :
 VSTDCCC050

Tgt Ion: 43 Resp: 2199347

Ion	Ratio	Lower	Upper
43	100		
86	6.9	6.4	9.6

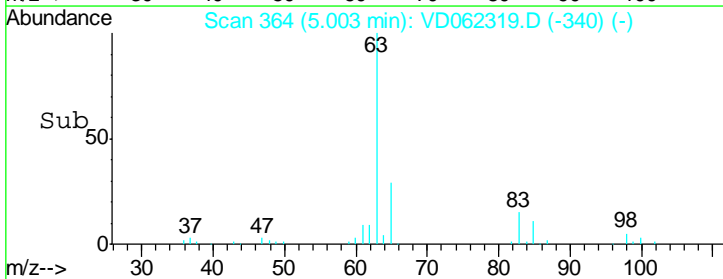
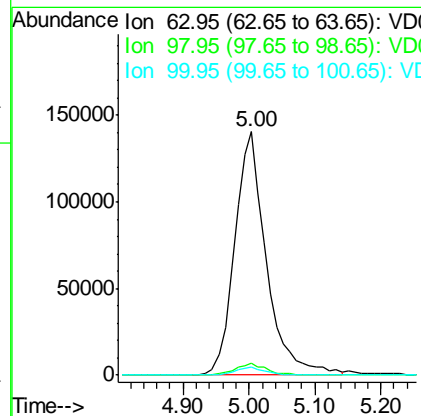
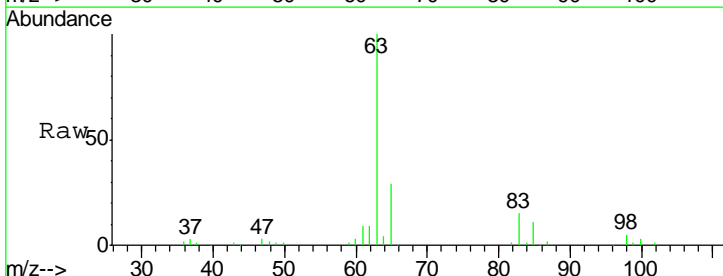
Manual Integrations
APPROVED
 MMDadoda
 5/14/2019 9:50:46 AM

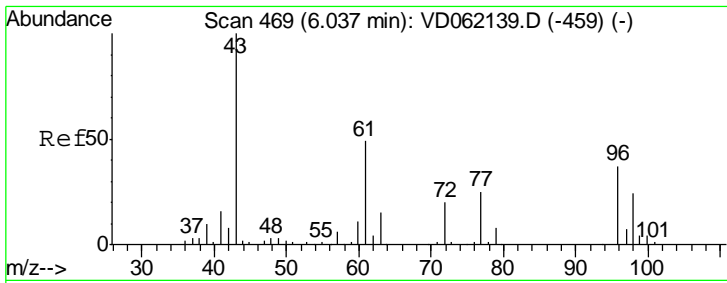


#24
 1,1-Dichloroethane
 Concen: 51.126 ug/l
 RT: 5.00 min Scan# 364
 Delta R.T. 0.04 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion: 63 Resp: 471553

Ion	Ratio	Lower	Upper
63	100		
98	5.0	2.8	8.4
100	3.2	1.8	5.5





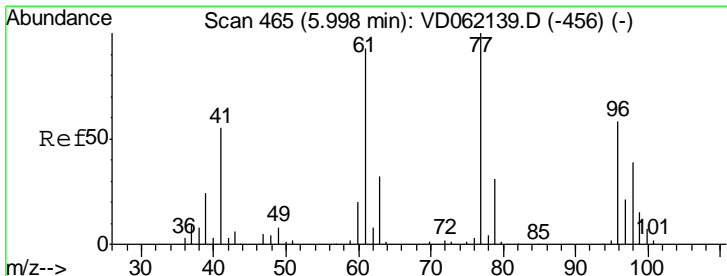
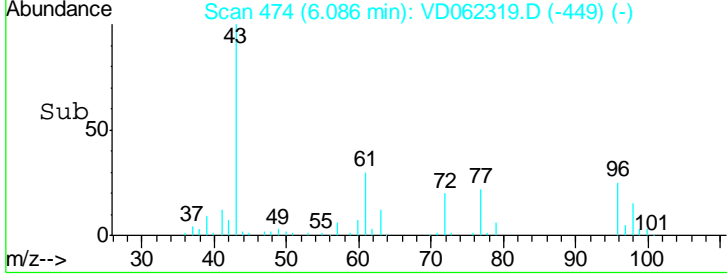
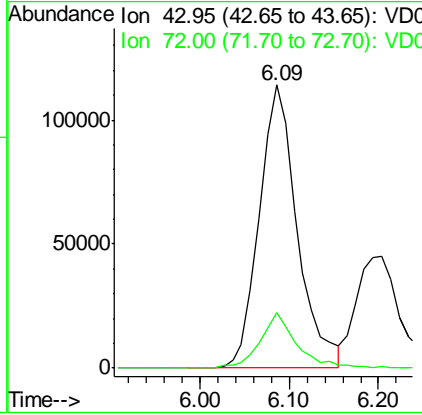
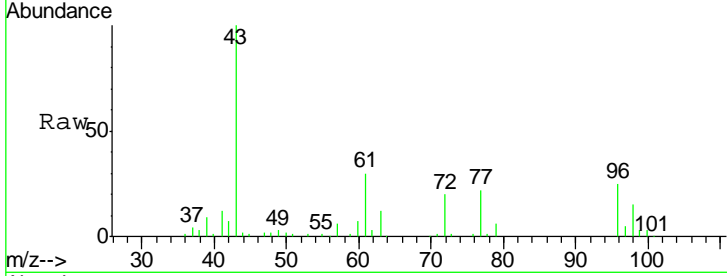
#25
 2-Butanone
 Concen: 243.952 ug/l
 RT: 6.09 min Scan# 474
 Delta R.T. 0.05 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument :
 MSVOA_D
ClientSampled :
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
43	100		
72	19.5	16.2	24.4

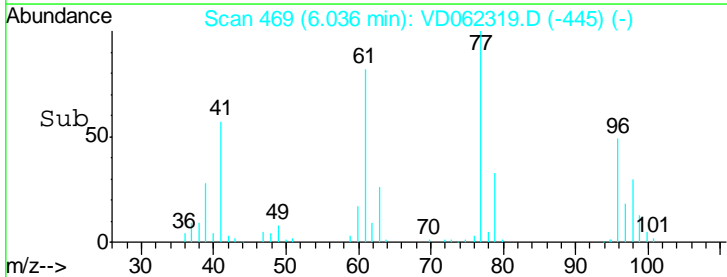
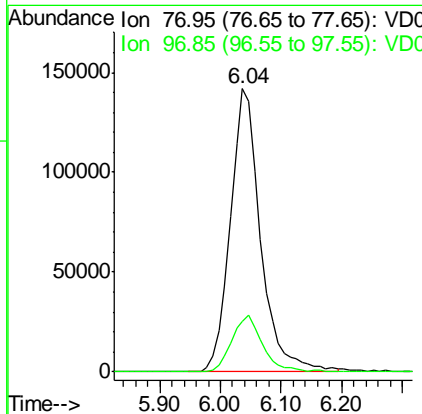
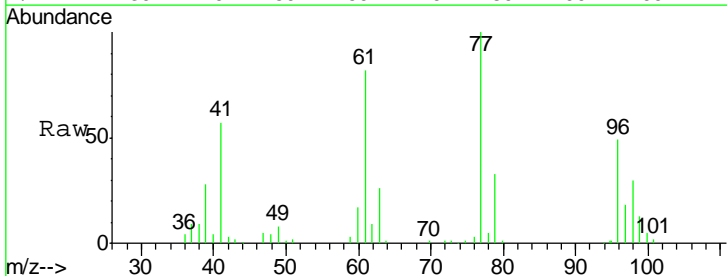
Manual Integrations
APPROVED

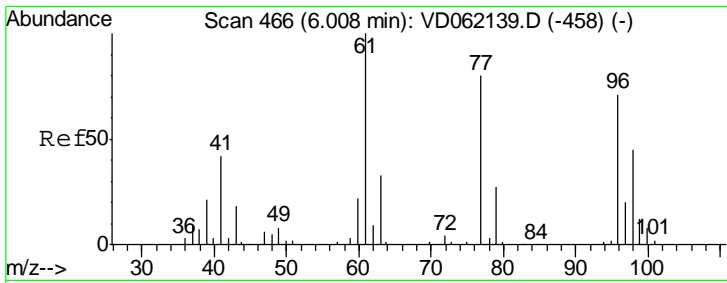
MMDadoda
 5/14/2019 9:50:46 AM



#26
 2,2-Dichloropropane
 Concen: 53.453 ug/l
 RT: 6.04 min Scan# 469
 Delta R.T. 0.04 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
77	100		
97	17.9	11.9	35.9





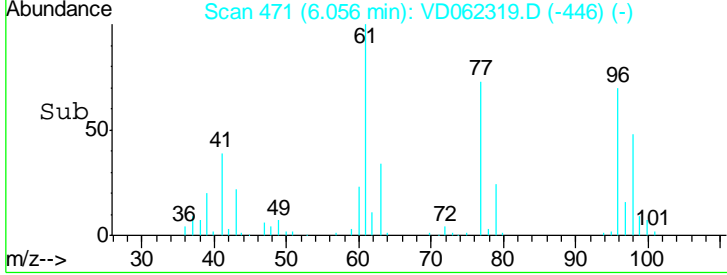
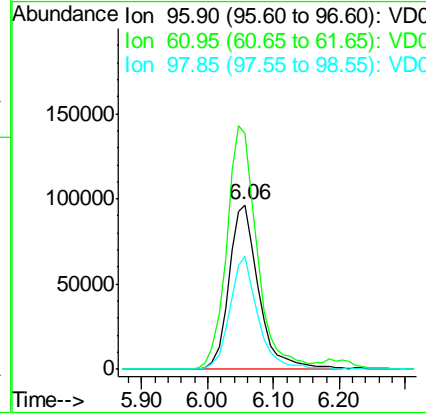
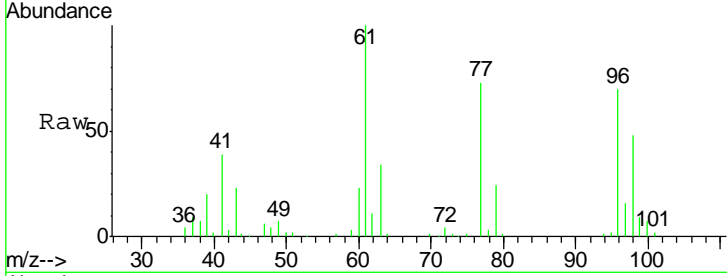
#27
 cis-1,2-Dichloroethene
 Concen: 49.447 ug/l
 RT: 6.06 min Scan# 471
 Delta R.T. 0.05 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument : MSVOA_D
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
96	304338		
96	100		
61	143.1	0.0	279.8
98	68.4	0.0	136.0

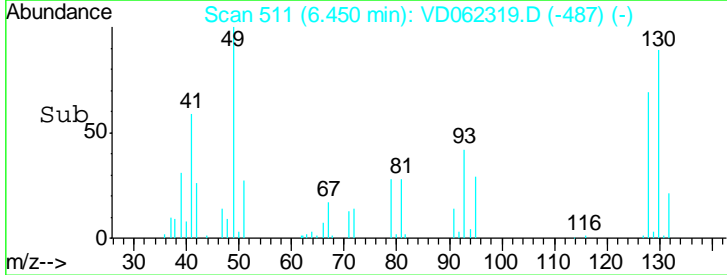
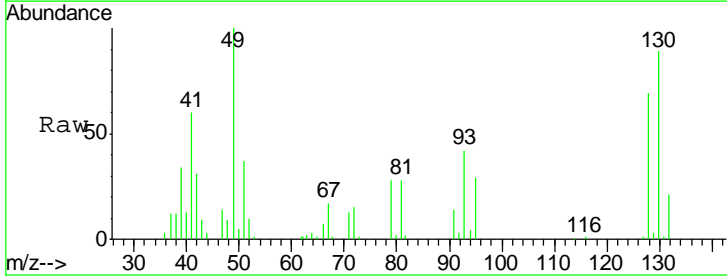
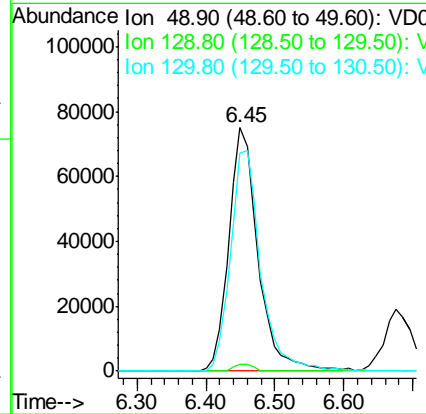
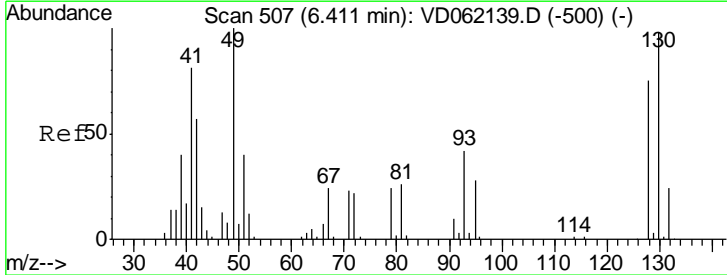
Manual Integrations
 APPROVED

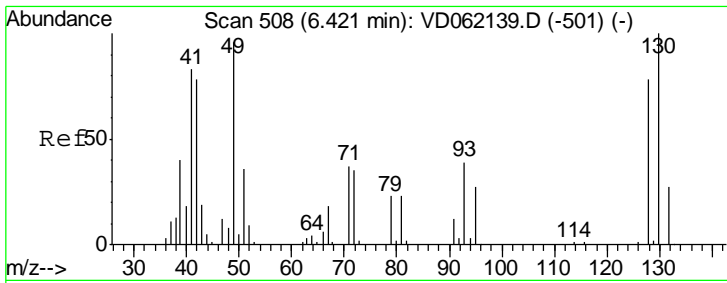
MMDadoda
 5/14/2019 9:50:46 AM



#28
 Bromochloromethane
 Concen: 60.633 ug/l
 RT: 6.45 min Scan# 511
 Delta R.T. 0.04 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
49	220024		
49	100		
129	2.6	0.0	6.6
130	89.4	86.7	130.1





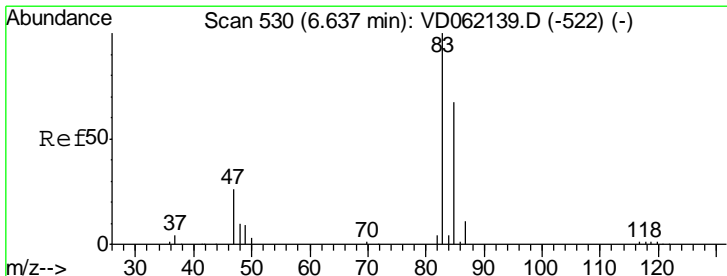
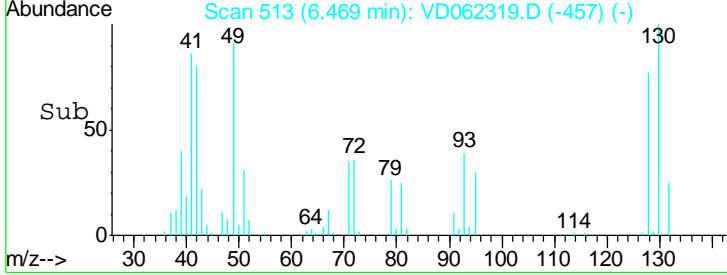
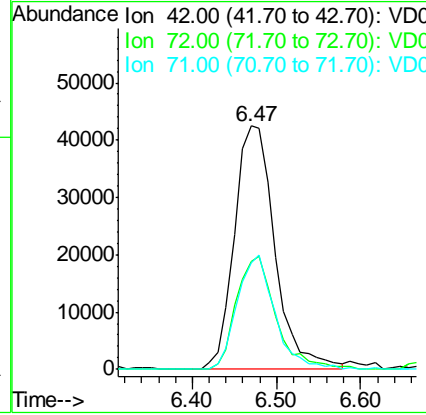
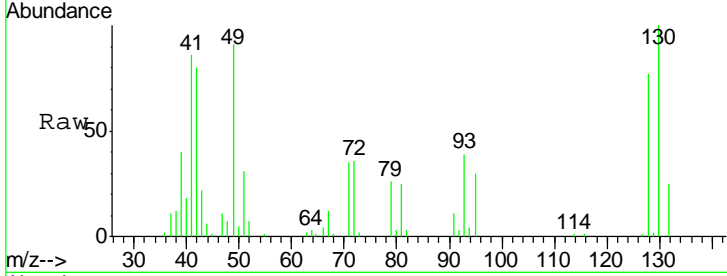
#29
 Tetrahydrofuran
 Concen: 224.496 ug/l
 RT: 6.47 min Scan# 513
 Delta R.T. 0.05 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument : MSVOA_D
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
42	142501		
42	100		
72	45.3	37.8	56.6
71	43.6	36.7	55.1

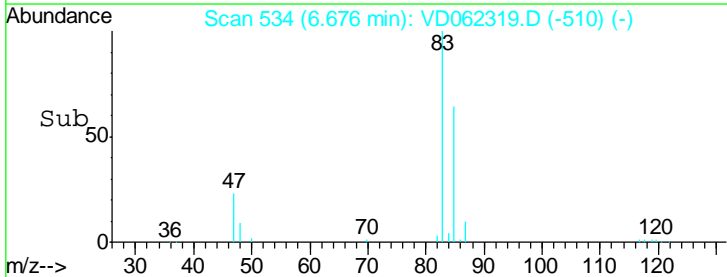
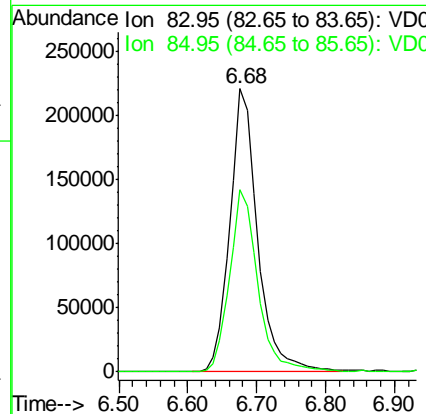
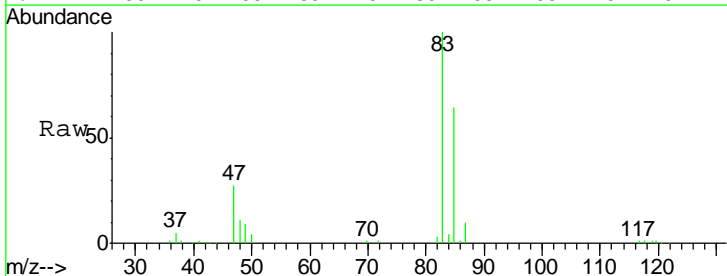
Manual Integrations
 APPROVED

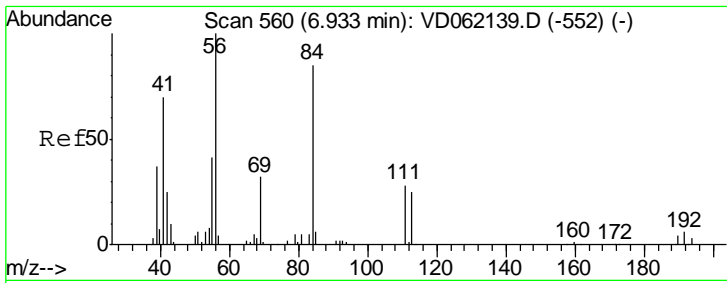
MMDadoda
 5/14/2019 9:50:46 AM



#30
 Chloroform
 Concen: 55.598 ug/l
 RT: 6.68 min Scan# 534
 Delta R.T. 0.04 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
83	618018		
83	100		
85	64.2	51.7	77.5





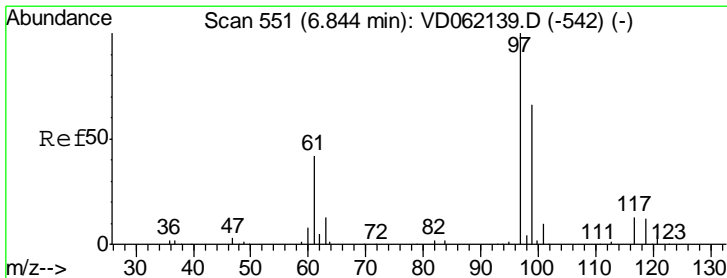
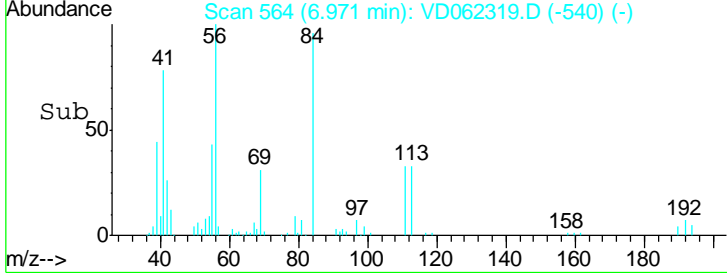
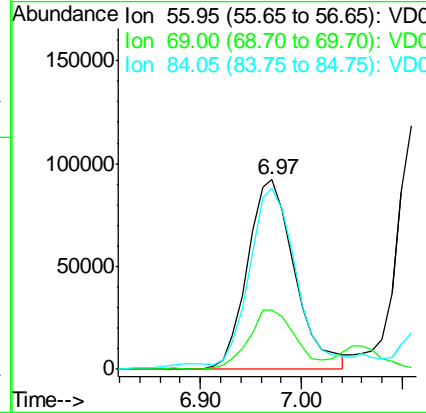
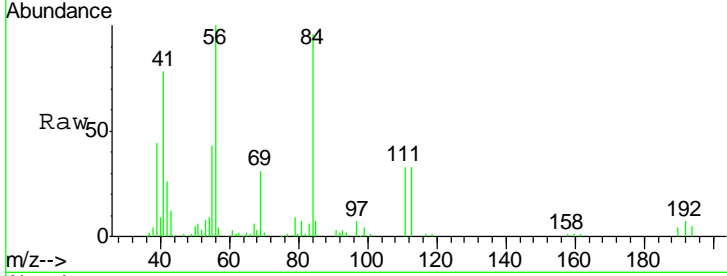
#31
 Cyclohexane
 Concen: 47.522 ug/l
 RT: 6.97 min Scan# 564
 Delta R.T. 0.04 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument :
 MSVOA_D
 ClientSampled :
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
56	100		
69	31.1	25.8	38.6
84	95.5	72.2	108.4

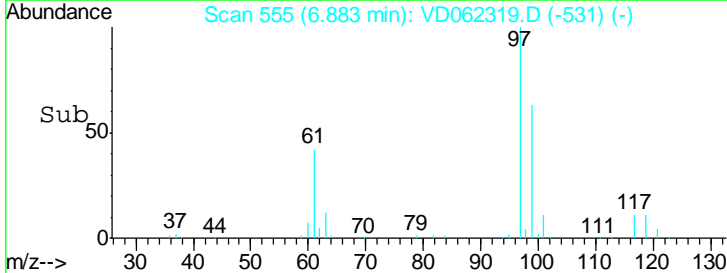
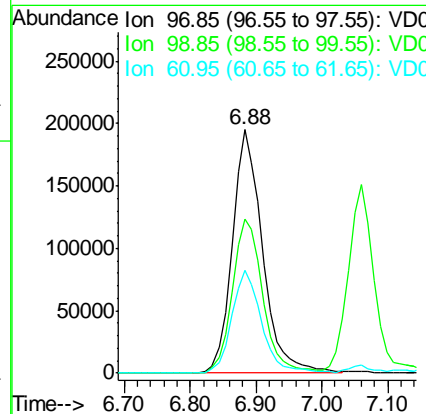
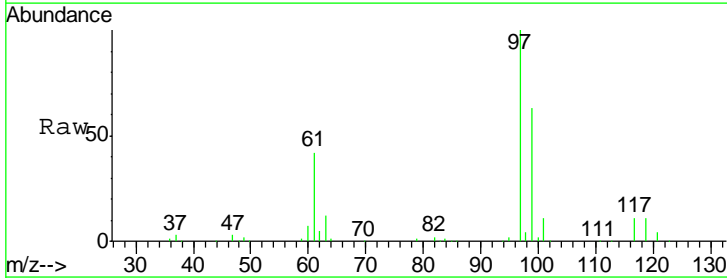
Manual Integrations
 APPROVED

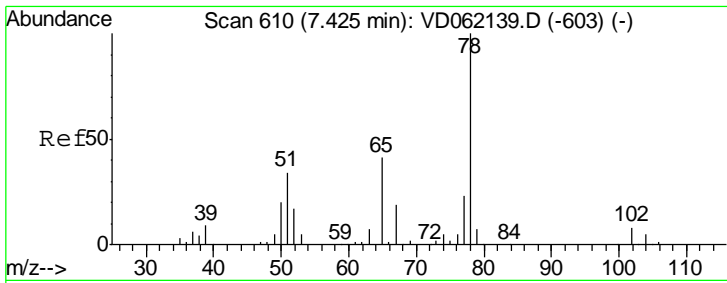
MMDadoda
 5/14/2019 9:50:46 AM



#32
 1,1,1-Trichloroethane
 Concen: 59.642 ug/l
 RT: 6.88 min Scan# 555
 Delta R.T. 0.04 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
97	100		
99	63.5	52.2	78.2
61	42.4	32.4	48.6



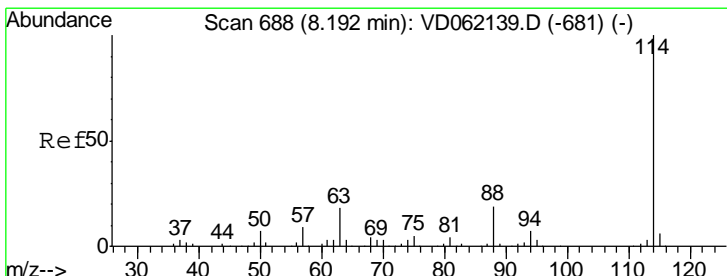
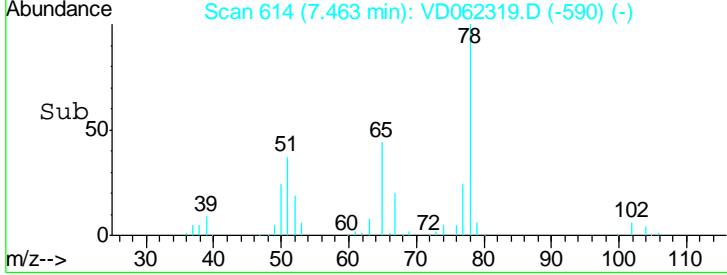
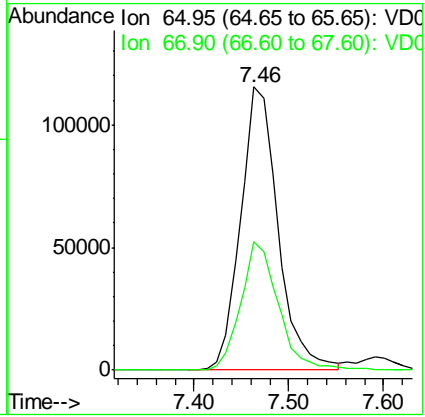
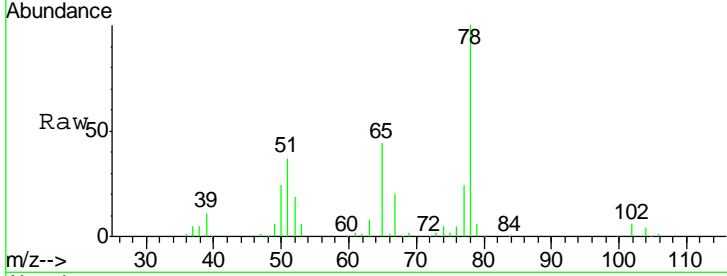


#33
 1,2-Dichloroethane-d4
 Concen: 52.535 ug/l
 RT: 7.46 min Scan# 614
 Delta R.T. 0.04 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument : MSVOA_D
 ClientSampled : VSTDCCC050

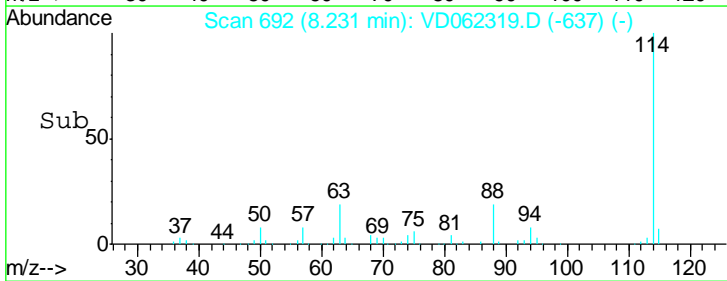
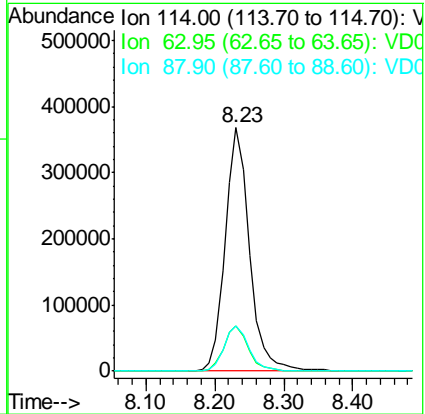
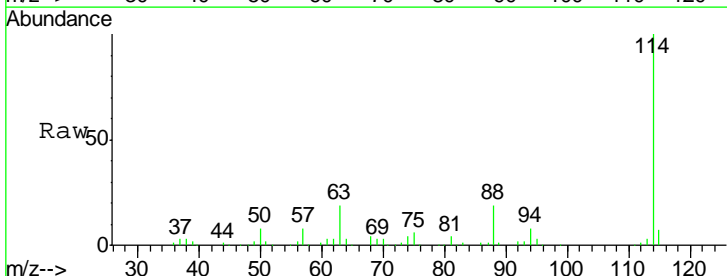
Tgt Ion	Resp	Lower	Upper
65	100		
67	45.5	0.0	98.0

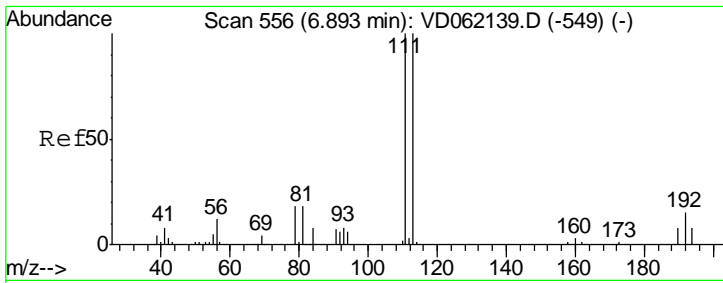
Manual Integrations
APPROVED
 MMDadoda
 5/14/2019 9:50:46 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
114	100		
63	18.7	0.0	32.4
88	18.8	0.0	33.6





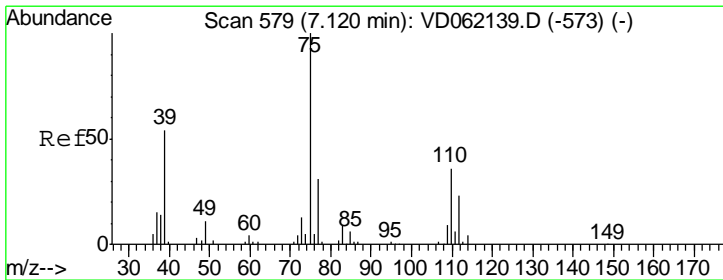
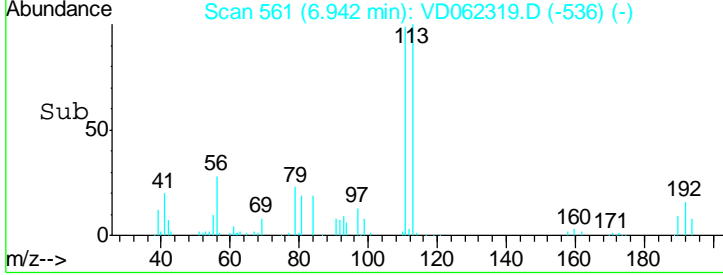
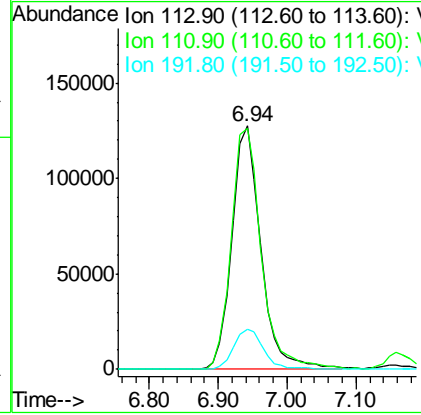
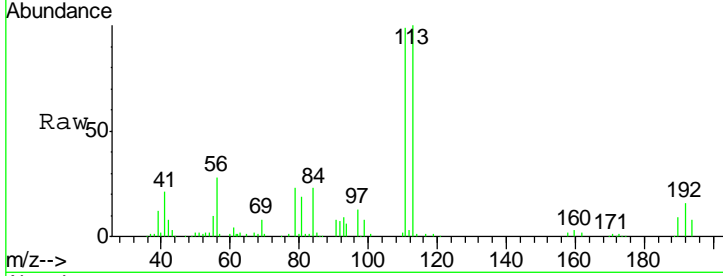
#35
 Dibromofluoromethane
 Concen: 49.848 ug/l
 RT: 6.94 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument : MSVOA_D
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
113	100		
111	98.8	78.5	117.7
192	16.5	13.0	19.4

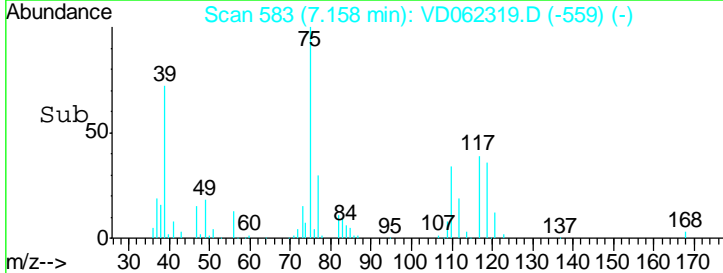
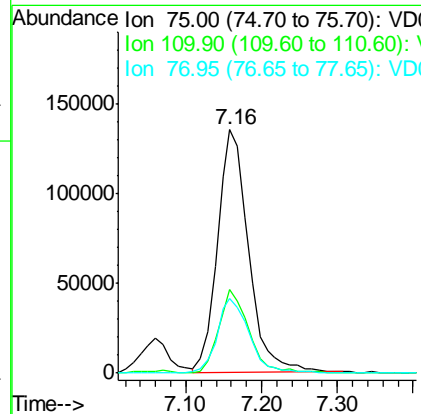
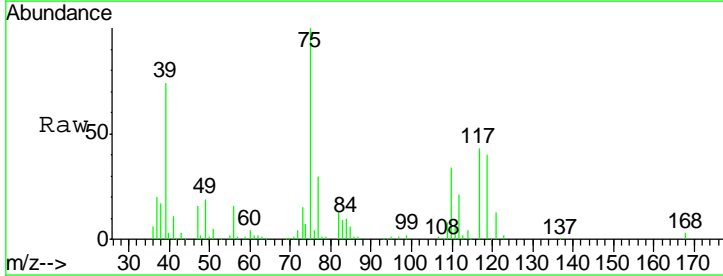
Manual Integrations
 APPROVED

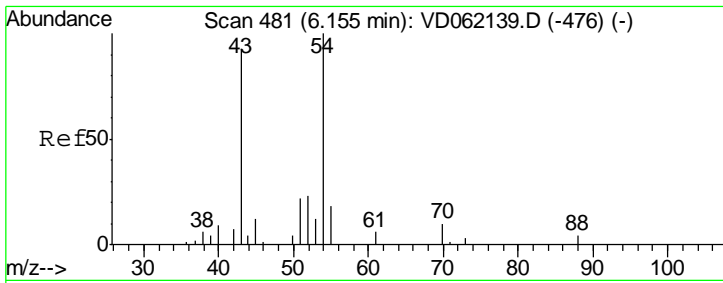
MMDadoda
 5/14/2019 9:50:46 AM



#36
 1,1-Dichloropropene
 Concen: 52.302 ug/l
 RT: 7.16 min Scan# 583
 Delta R.T. 0.04 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
75	100		
110	34.1	19.1	57.1
77	30.4	25.6	38.4





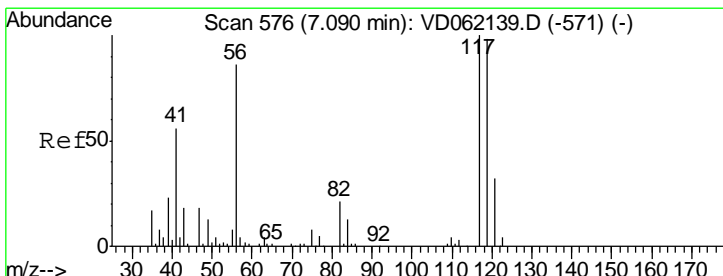
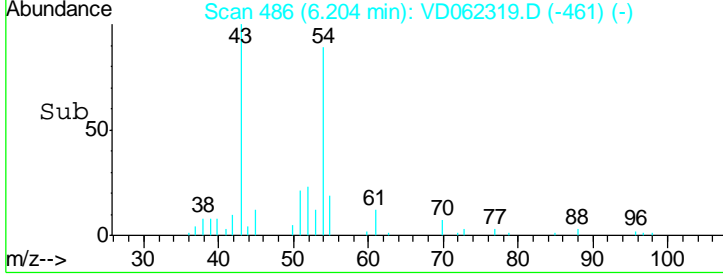
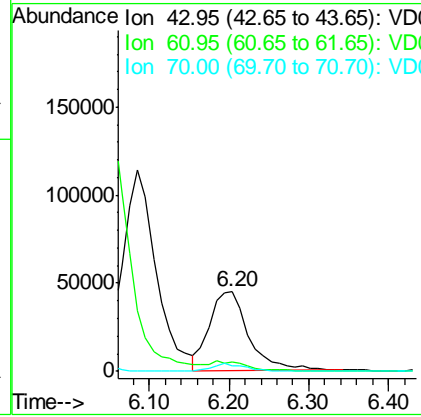
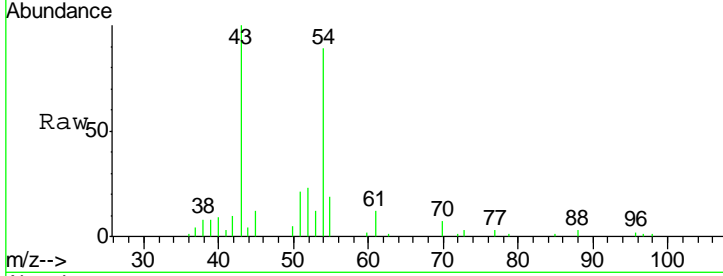
#37
Ethyl Acetate
Concen: 49.223 ug/l
RT: 6.20 min Scan# 486
Delta R.T. 0.05 min
Lab File: VD062319.D
Acq: 13 May 2019 22:49

Instrument : MSVOA_D
ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
43	100		
61	12.5	14.7	22.1#
70	7.5	7.8	11.6#

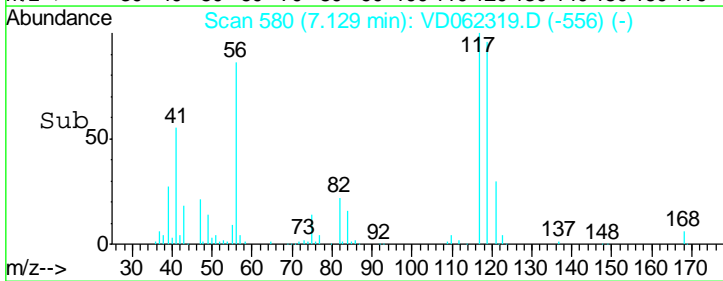
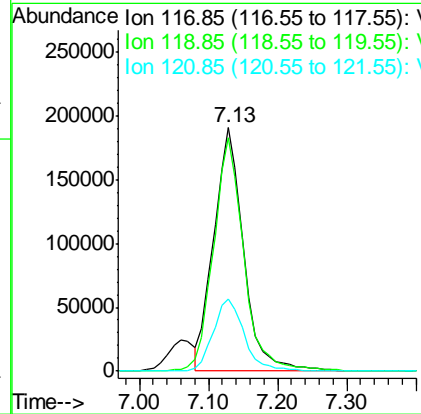
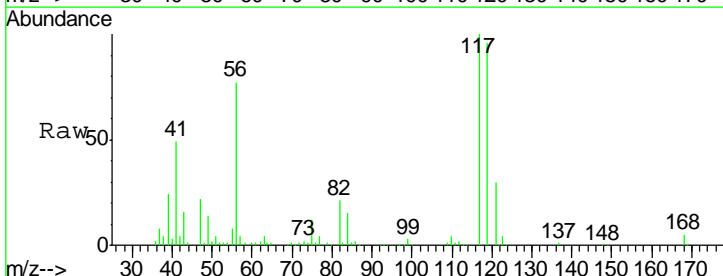
Manual Integrations
APPROVED

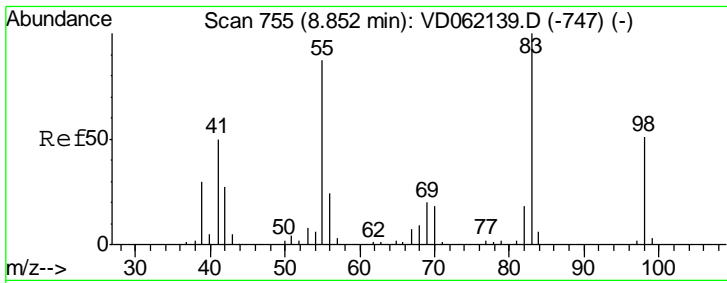
MMDadoda
5/14/2019 9:50:46 AM



#38
Carbon Tetrachloride
Concen: 56.878 ug/l m
RT: 7.13 min Scan# 580
Delta R.T. 0.04 min
Lab File: VD062319.D
Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
117	100		
119	95.9	75.8	113.8
121	29.8	25.9	38.9





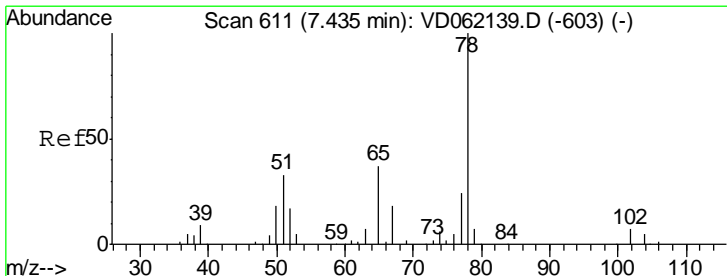
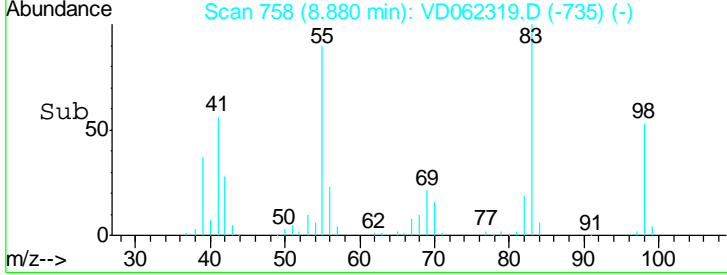
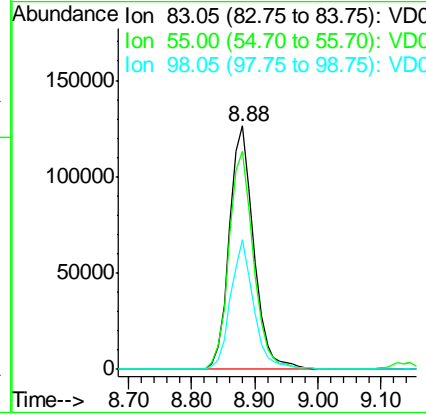
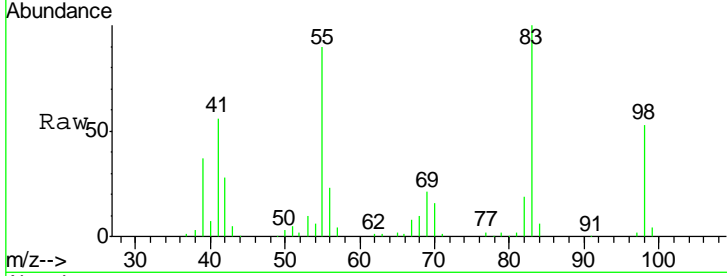
#39
 Methylcyclohexane
 Concen: 47.916 ug/l
 RT: 8.88 min Scan# 758
 Delta R.T. 0.03 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument : MSVOA_D
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
83	100		
55	89.7	68.2	102.4
98	53.4	38.2	57.4

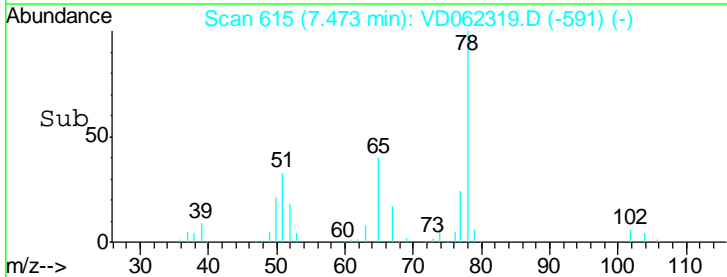
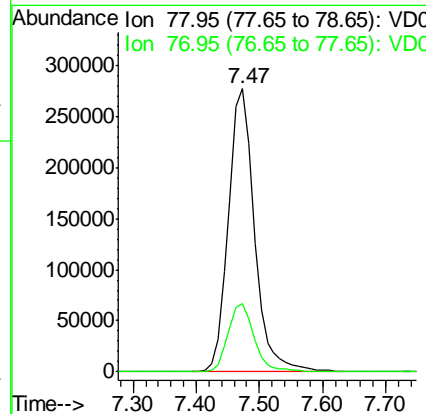
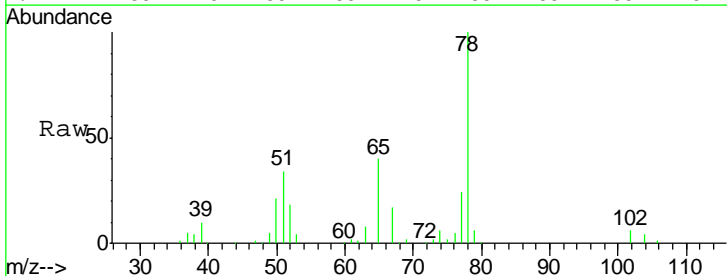
Manual Integrations
 APPROVED

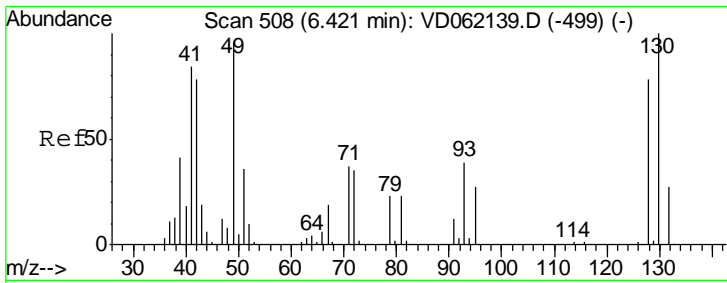
MMDadoda
 5/14/2019 9:50:46 AM



#40
 Benzene
 Concen: 47.874 ug/l
 RT: 7.47 min Scan# 615
 Delta R.T. 0.04 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
78	100		
77	24.3	19.7	29.5





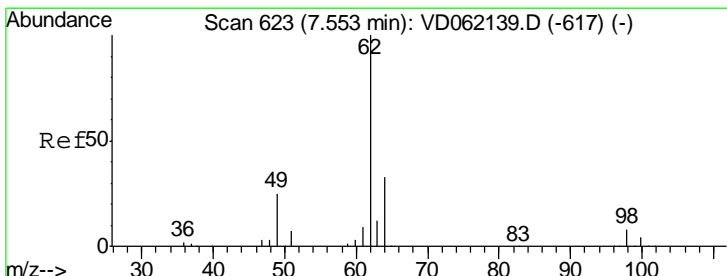
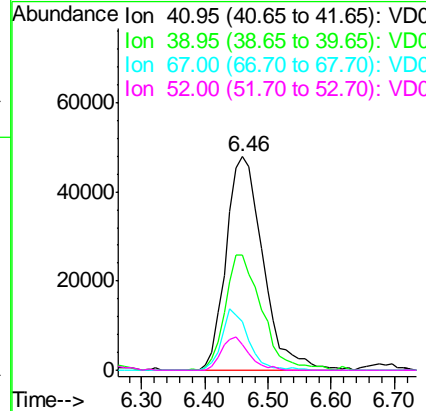
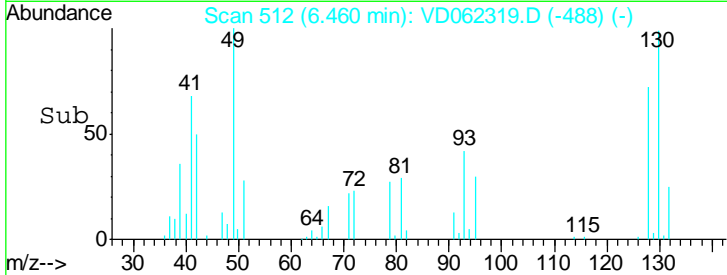
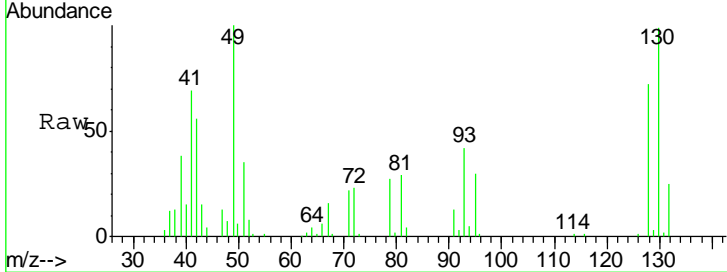
#41
 Methacrylonitrile
 Concen: 50.955 ug/l
 RT: 6.46 min Scan# 512
 Delta R.T. 0.04 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument : MSVOA_D
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
41	100		
39	54.2	34.1	51.1#
67	23.0	23.8	35.6#
52	11.9	8.8	13.2

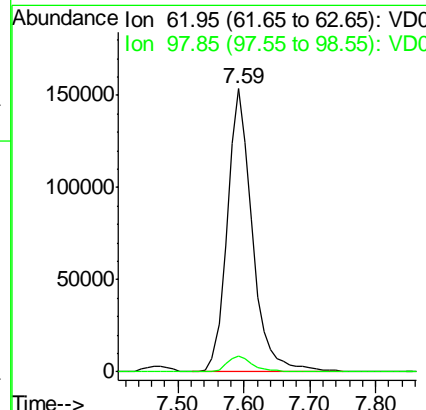
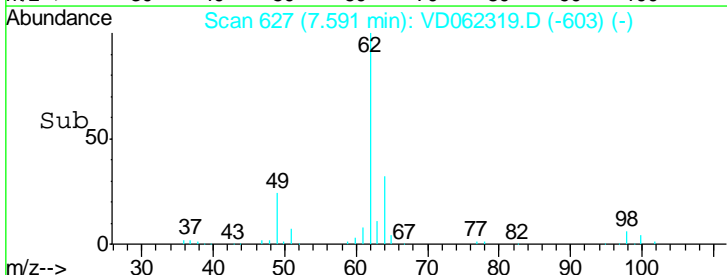
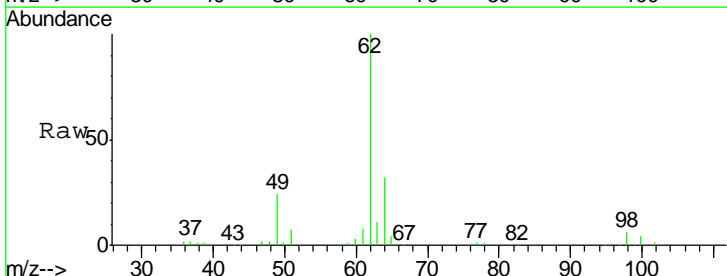
Manual Integrations
 APPROVED

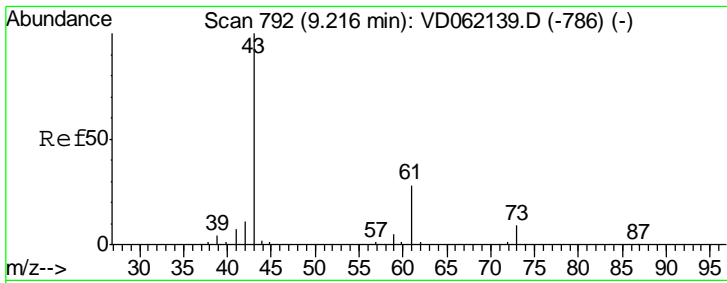
MMDadoda
 5/14/2019 9:50:46 AM



#42
 1,2-Dichloroethane
 Concen: 57.694 ug/l
 RT: 7.59 min Scan# 627
 Delta R.T. 0.04 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
62	100		
98	5.5	0.0	17.8





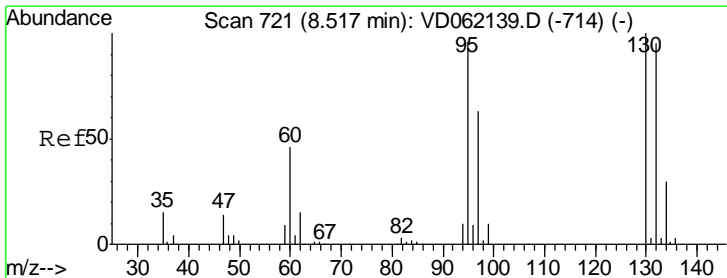
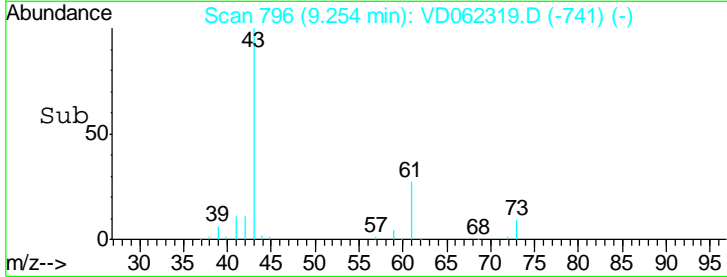
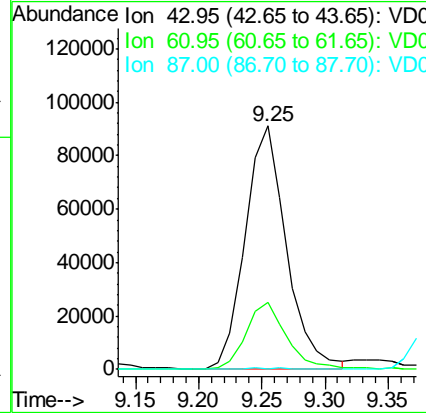
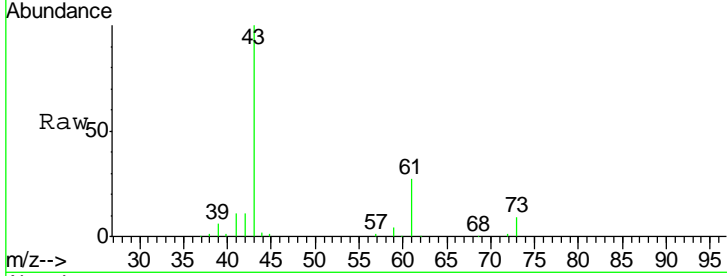
#43
 Isopropyl Acetate
 Concen: 46.849 ug/l
 RT: 9.25 min Scan# 796
 Delta R.T. 0.04 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument : MSVOA_D
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
43	100		
61	27.3	25.1	37.7
87	0.0	0.0	0.0

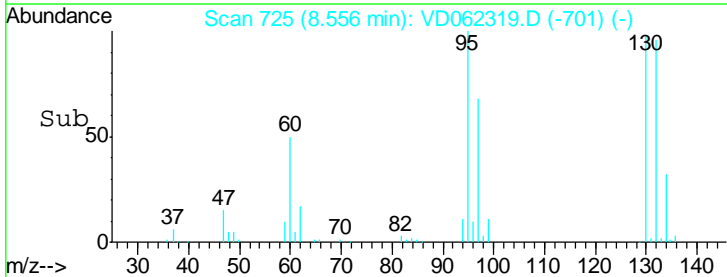
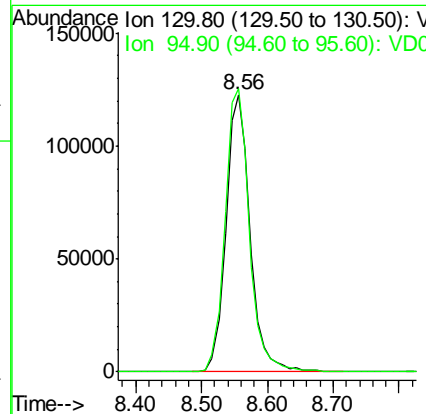
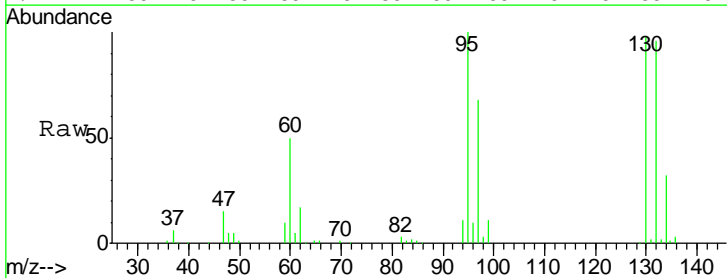
Manual Integrations
 APPROVED

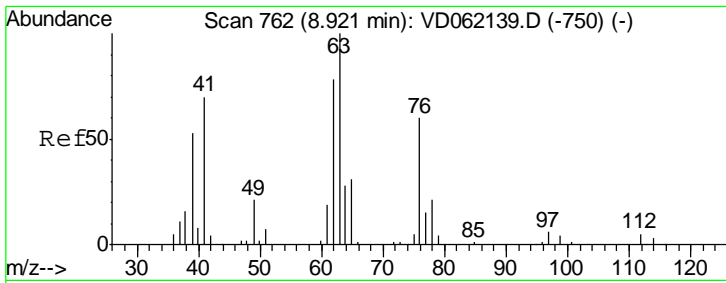
MMDadoda
 5/14/2019 9:50:46 AM



#44
 Trichloroethene
 Concen: 49.347 ug/l
 RT: 8.56 min Scan# 725
 Delta R.T. 0.04 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
130	100		
95	102.1	0.0	174.0





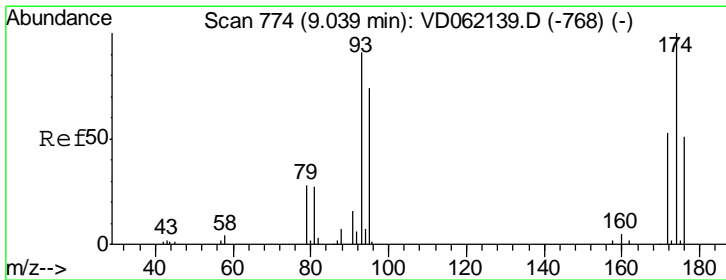
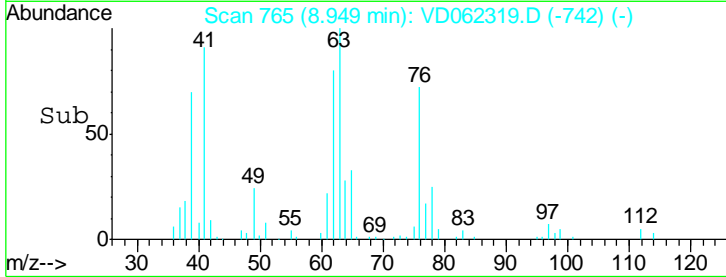
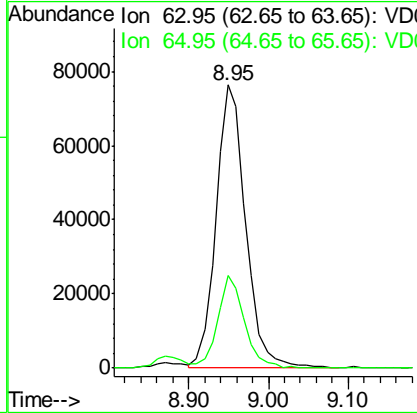
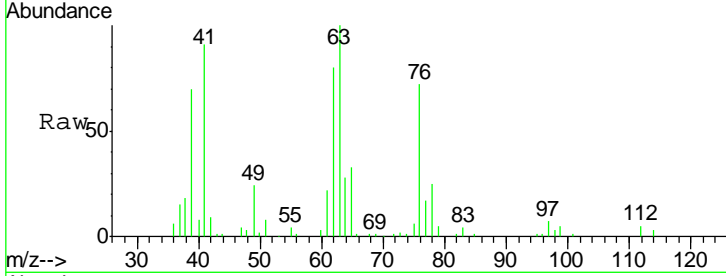
#45
 1,2-Dichloropropane
 Concen: 48.348 ug/l
 RT: 8.95 min Scan# 765
 Delta R.T. 0.03 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument : MSVOA_D
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
63	198794		
63	100		
65	32.7	23.8	35.6

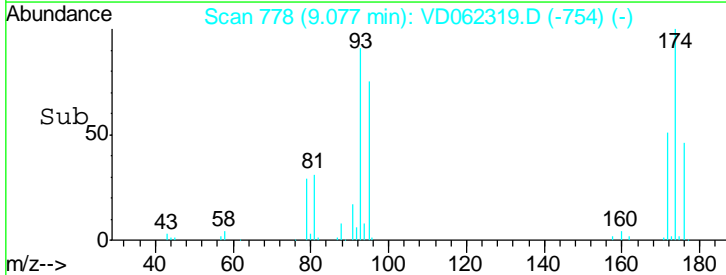
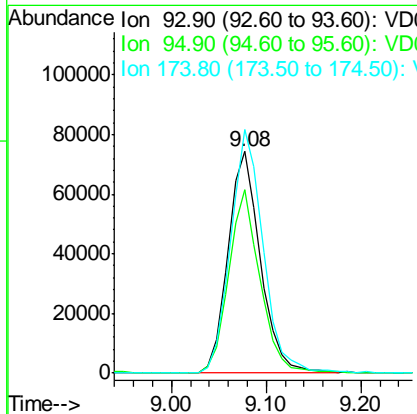
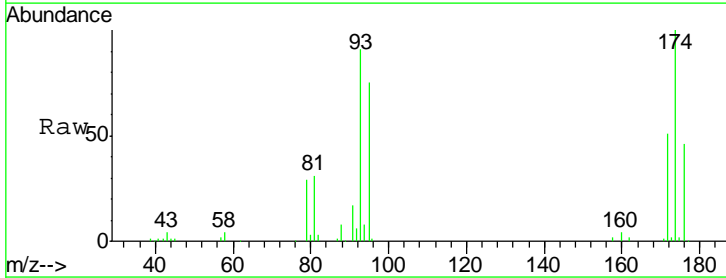
Manual Integrations
 APPROVED

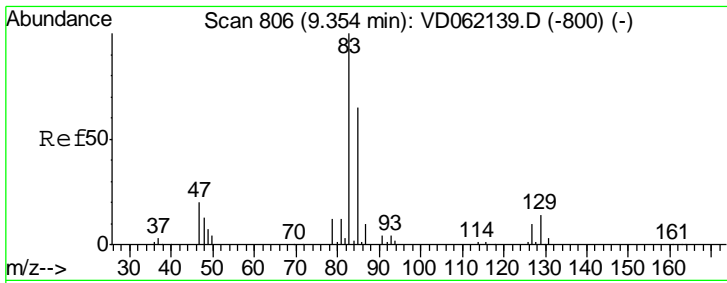
MMDadoda
 5/14/2019 9:50:46 AM



#46
 Dibromomethane
 Concen: 52.548 ug/l
 RT: 9.08 min Scan# 778
 Delta R.T. 0.04 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
93	175703		
93	100		
95	82.6	64.8	97.2
174	109.8	79.3	118.9





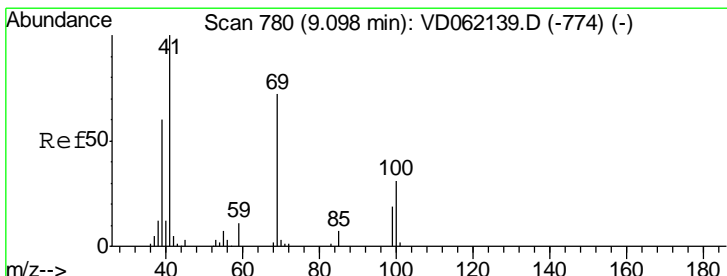
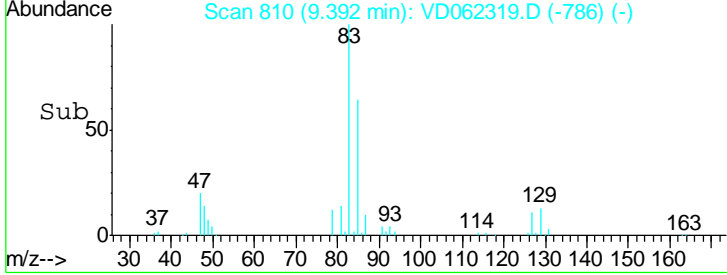
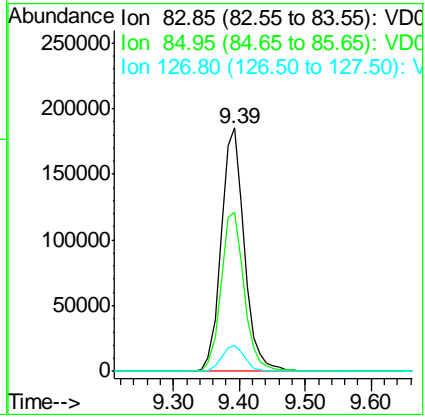
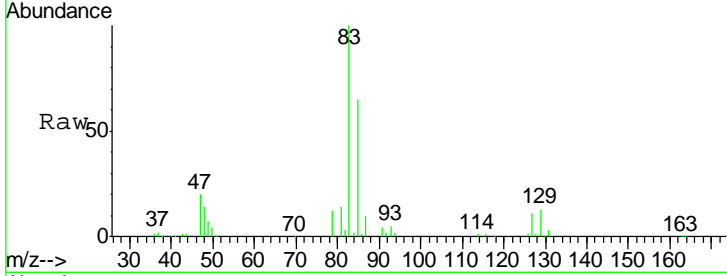
#47

Bromodichloromethane
 Concen: 55.355 ug/l
 RT: 9.39 min Scan# 810
 Delta R.T. 0.04 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument :
 MSVOA_D
ClientSampled :
 VSTDCCC050

Tgt Ion	Resp	Lower	Upper
83	452727		
85	65.2	50.9	76.3
127	10.7	8.1	12.1

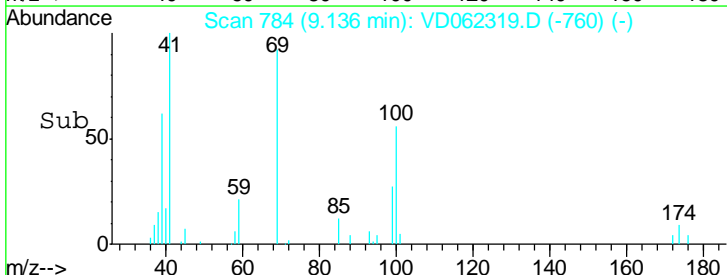
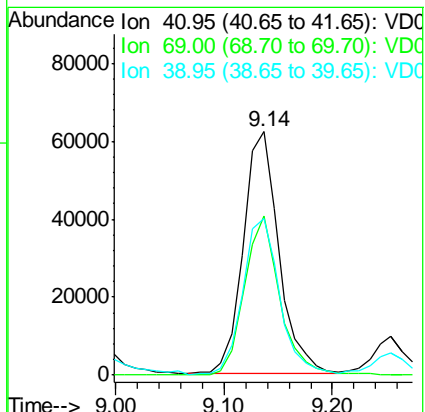
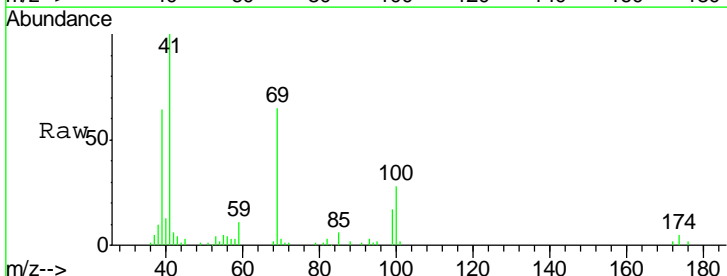
Manual Integrations
APPROVED
 MMDadoda
 5/14/2019 9:50:46 AM

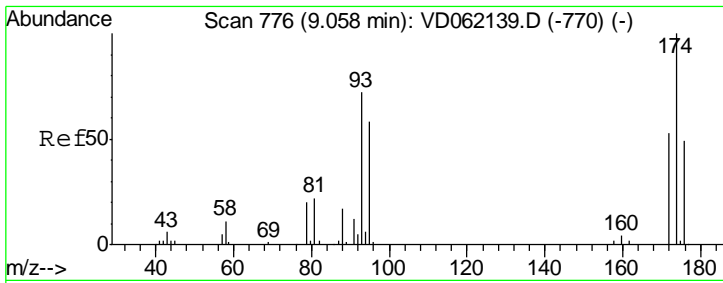


#48

Methyl methacrylate
 Concen: 51.966 ug/l
 RT: 9.14 min Scan# 784
 Delta R.T. 0.04 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
41	141723		
69	65.3	64.2	96.2
39	64.3	46.8	70.2



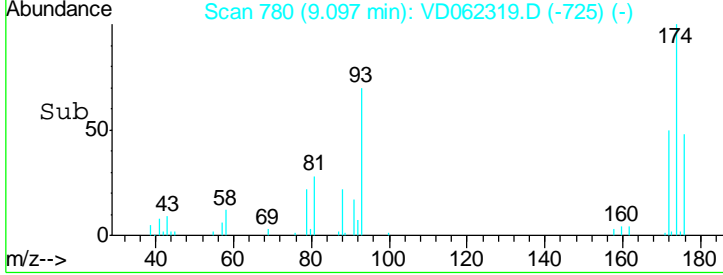
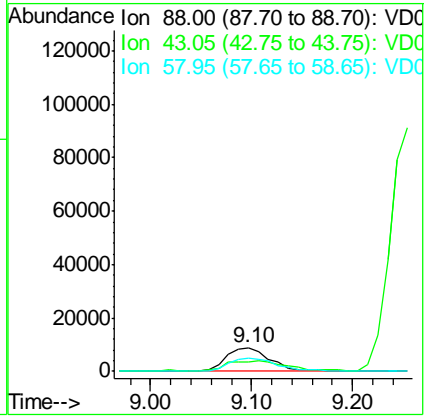
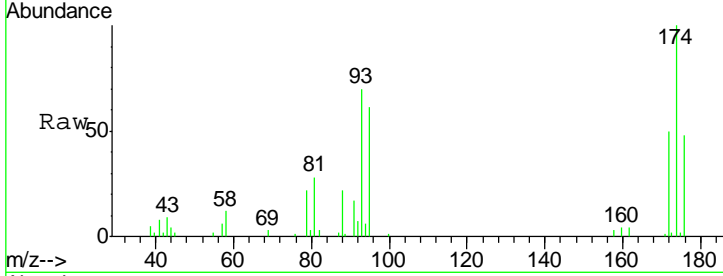


#49
 1,4-Dioxane
 Concen: 901.806 ug/l
 RT: 9.10 min Scan# 780
 Delta R.T. 0.04 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument : MSVOA_D
 ClientSampled : VSTDCCC050

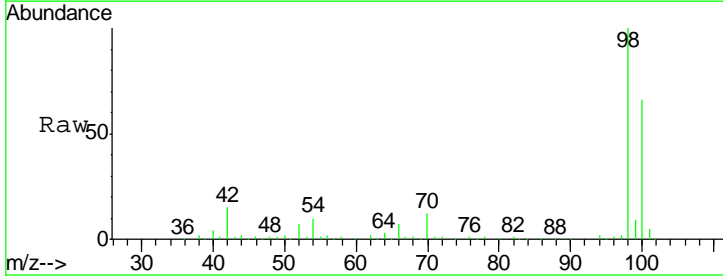
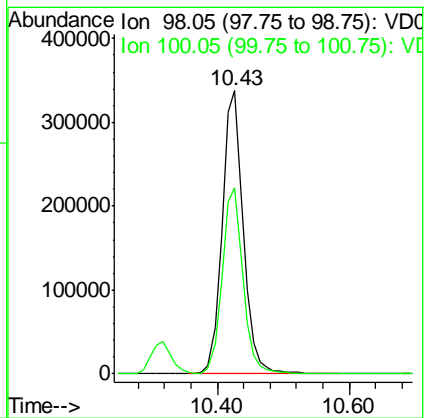
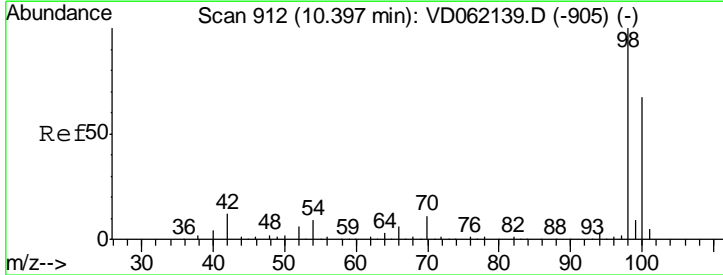
Tgt Ion	Resp	Lower	Upper
88	26536		
88	100		
43	40.1	23.4	35.0#
58	53.9	44.0	66.0

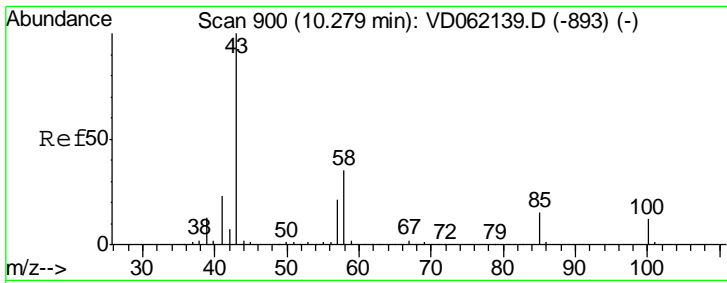
Manual Integrations
APPROVED
 MMDadoda
 5/14/2019 9:50:46 AM



#50
 Toluene-d8
 Concen: 41.912 ug/l
 RT: 10.43 min Scan# 915
 Delta R.T. 0.03 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
98	752798		
98	100		
100	65.6	53.8	80.8



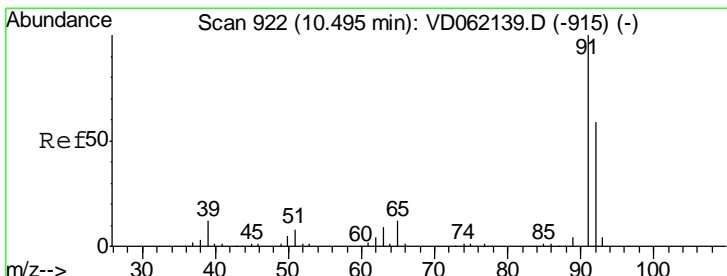
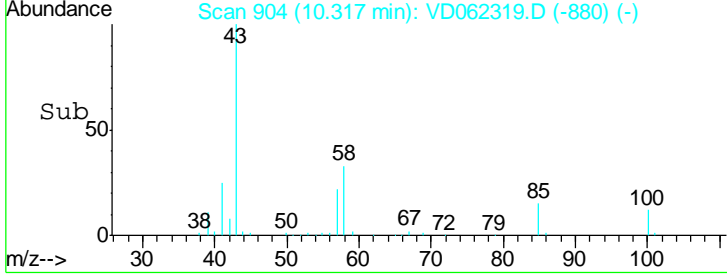
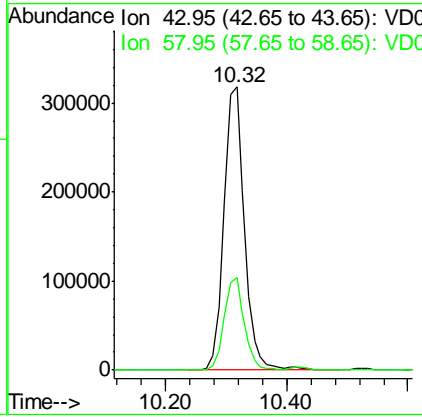
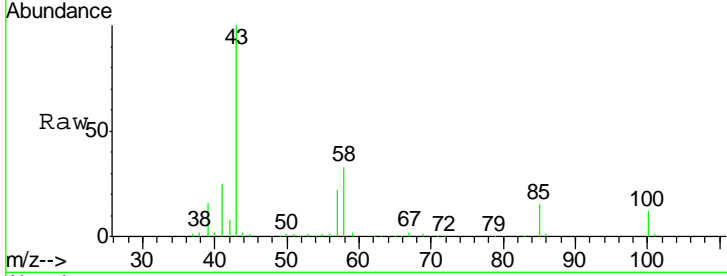


#51
 4-Methyl-2-Pentanone
 Concen: 263.240 ug/l
 RT: 10.32 min Scan# 904
 Delta R.T. 0.04 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument : MSVOA_D
 ClientSampled : VSTDCCC050

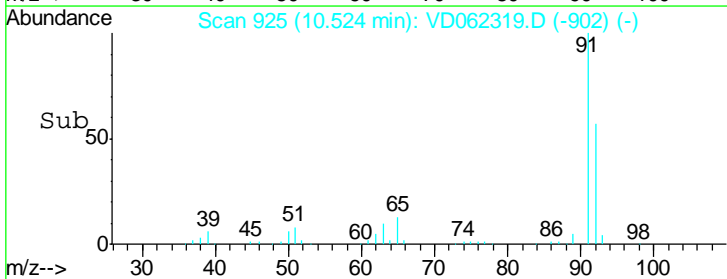
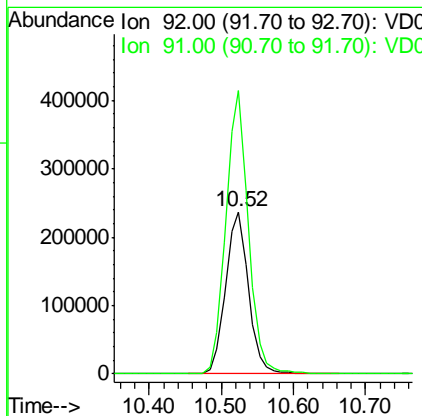
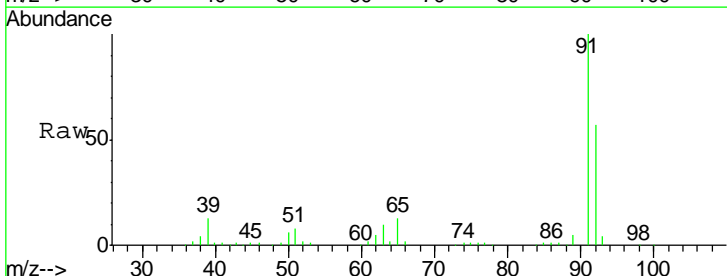
Tgt Ion	Resp	Lower	Upper
43	100		
58	32.5	30.4	45.6

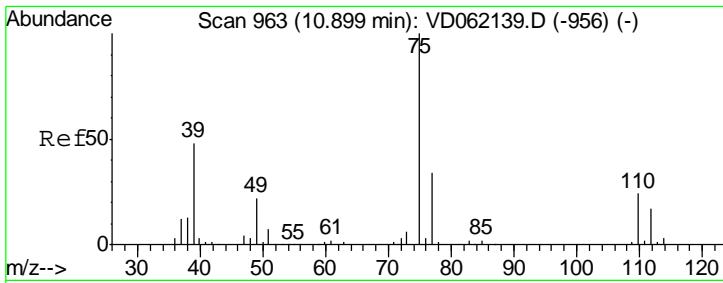
Manual Integrations
APPROVED
 MMDadoda
 5/14/2019 9:50:46 AM



#52
 Toluene
 Concen: 48.114 ug/l
 RT: 10.52 min Scan# 925
 Delta R.T. 0.03 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
92	100		
91	174.3	136.6	204.8



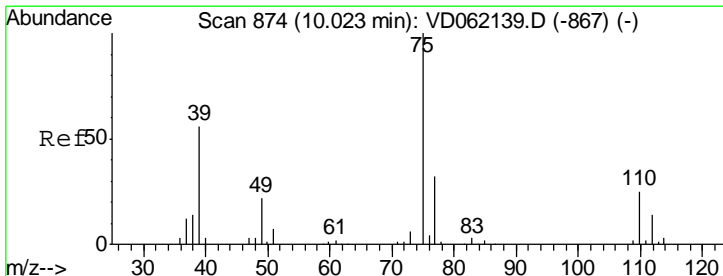
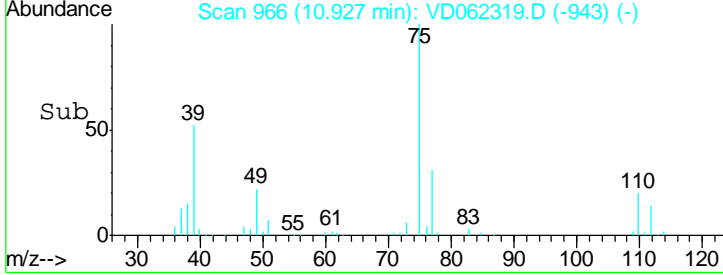
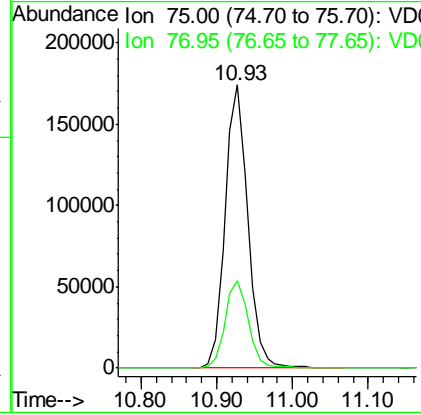
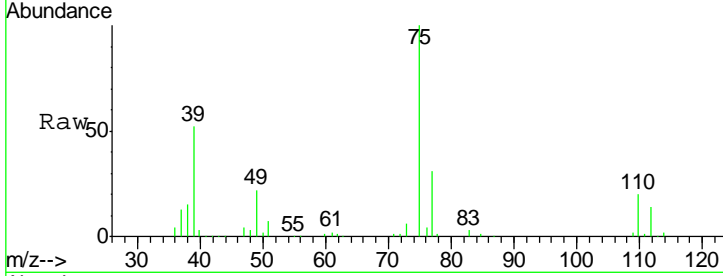


#53
 t-1,3-Dichloropropene
 Concen: 51.110 ug/l
 RT: 10.93 min Scan# 966
 Delta R.T. 0.03 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument :
 MSVOA_D
ClientSampled :
 VSTDCCC050

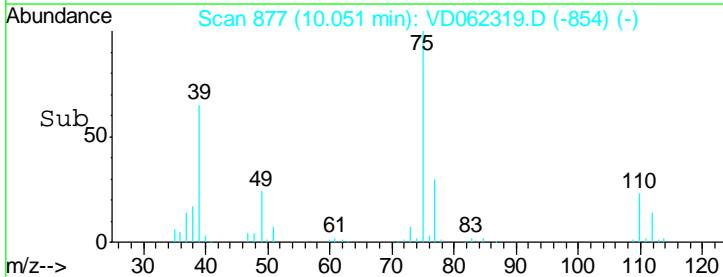
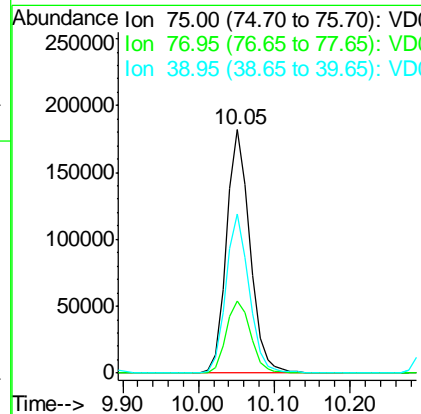
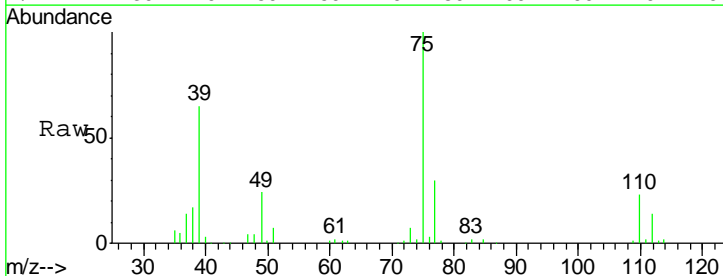
Tgt Ion	Resp	Lower	Upper
75	100		
77	30.9	25.8	38.8

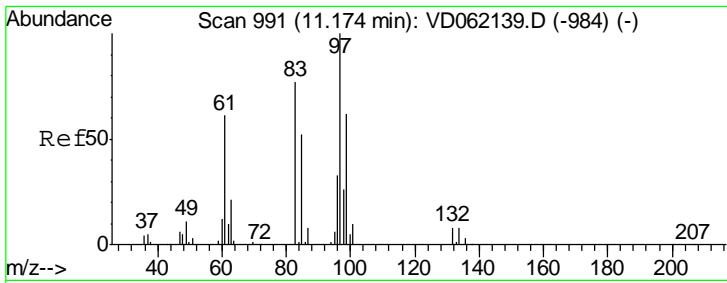
Manual Integrations
APPROVED
 MMDadoda
 5/14/2019 9:50:46 AM



#54
 cis-1,3-Dichloropropene
 Concen: 50.696 ug/l
 RT: 10.05 min Scan# 877
 Delta R.T. 0.03 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
75	100		
77	29.9	25.5	38.3
39	65.2	39.4	59.2#





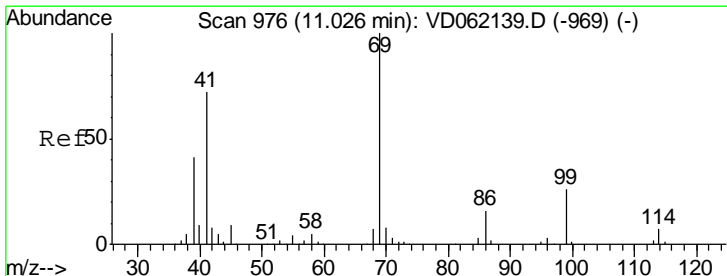
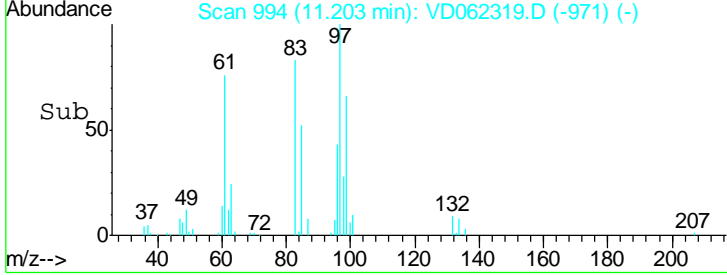
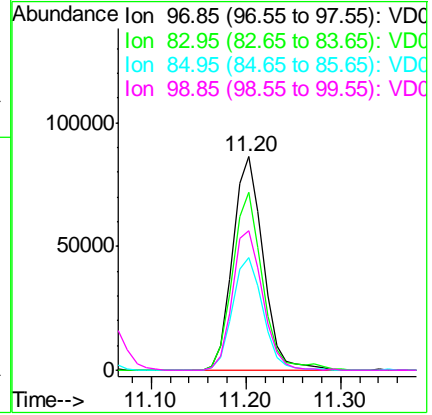
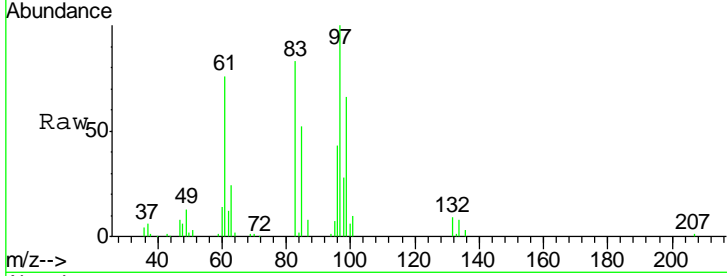
#55
 1,1,2-Trichloroethane
 Concen: 50.211 ug/l
 RT: 11.20 min Scan# 994
 Delta R.T. 0.03 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument : MSVOA_D
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
97	192151		
97	100		
83	83.2	65.7	98.5
85	52.5	45.6	68.4
99	65.6	48.4	72.6

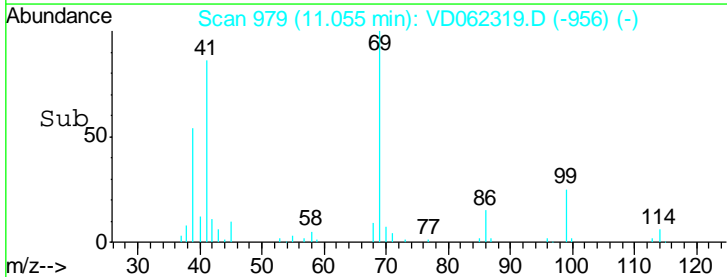
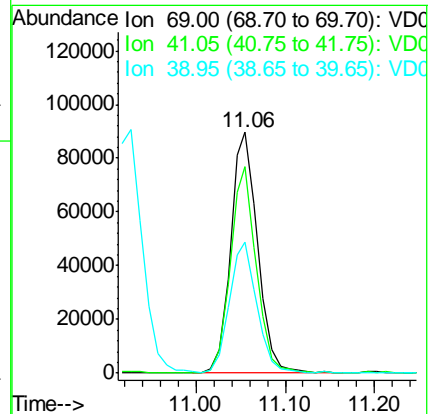
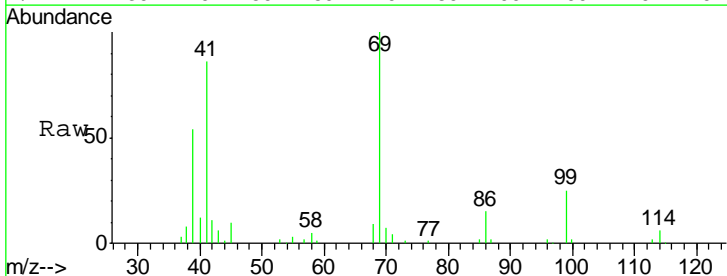
Manual Integrations
 APPROVED

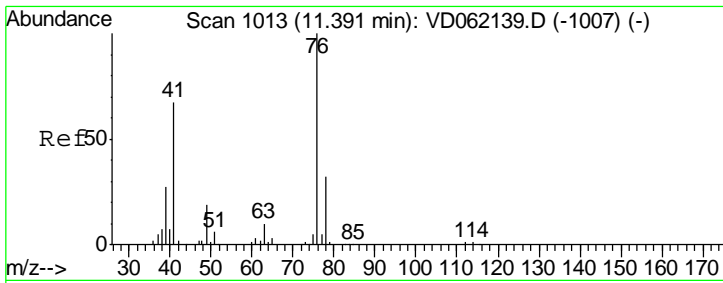
MMDadoda
 5/14/2019 9:50:46 AM



#56
 Ethyl methacrylate
 Concen: 47.898 ug/l
 RT: 11.06 min Scan# 979
 Delta R.T. 0.03 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
69	190476		
69	100		
41	85.8	56.3	84.5#
39	54.4	29.4	44.2#



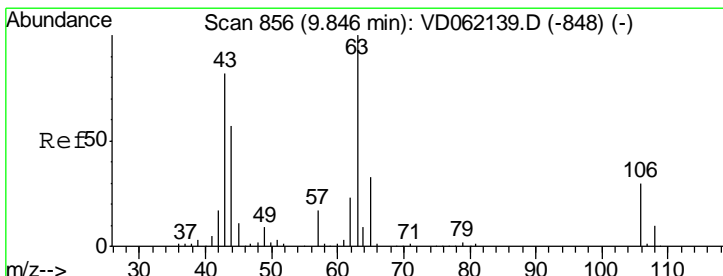
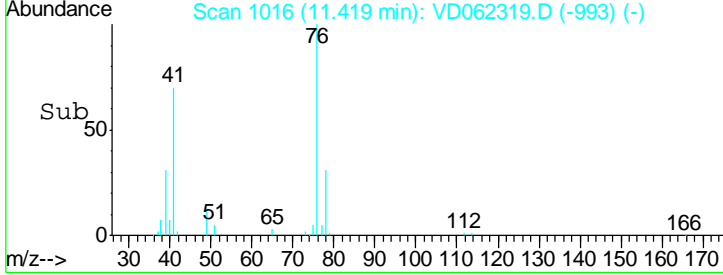
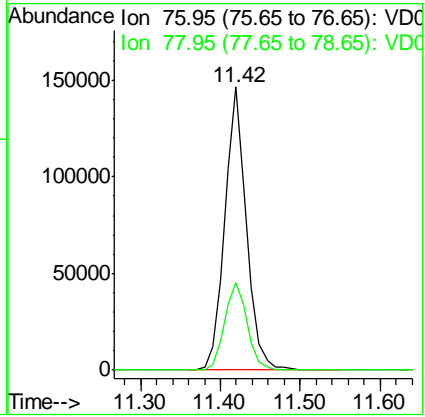
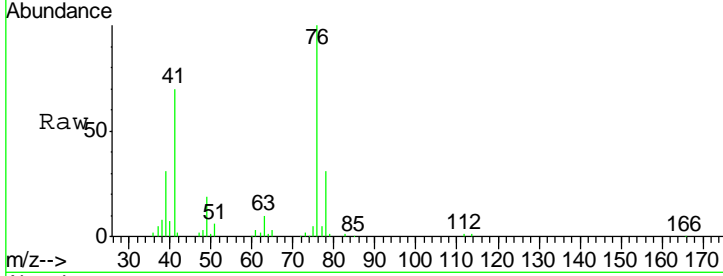


#57
 1,3-Dichloropropane
 Concen: 48.339 ug/l
 RT: 11.42 min Scan# 1016
 Delta R.T. 0.03 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument : MSVOA_D
 ClientSampled : VSTDCCC050

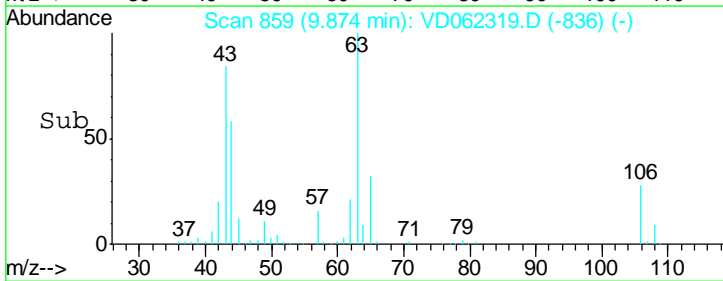
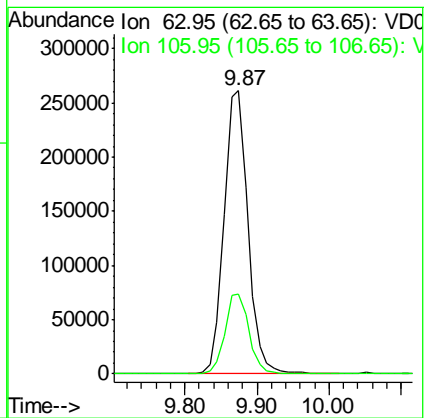
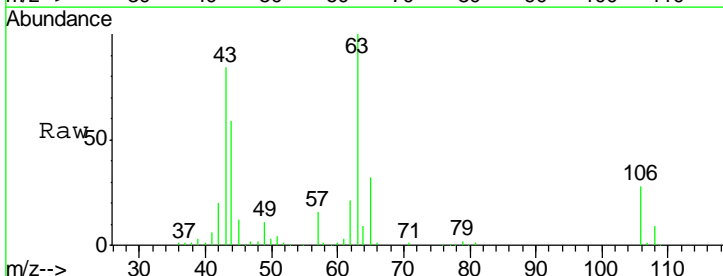
Tgt Ion	Resp	Lower	Upper
76	279468		
76	100		
78	30.8	26.2	39.2

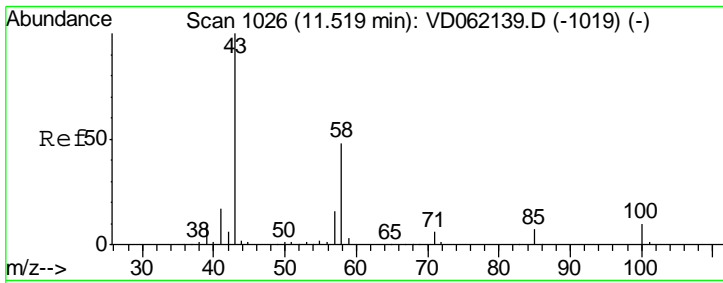
Manual Integrations
APPROVED
 MMDadoda
 5/14/2019 9:50:46 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 276.798 ug/l
 RT: 9.87 min Scan# 859
 Delta R.T. 0.03 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
63	601261		
63	100		
106	28.4	22.6	34.0



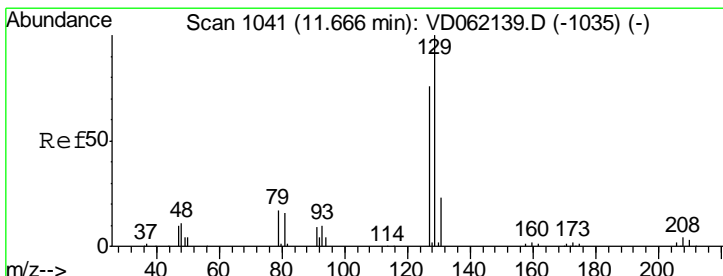
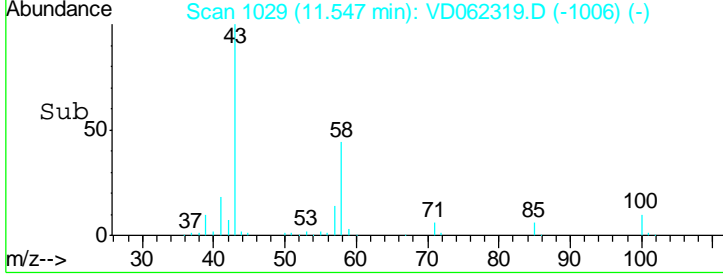
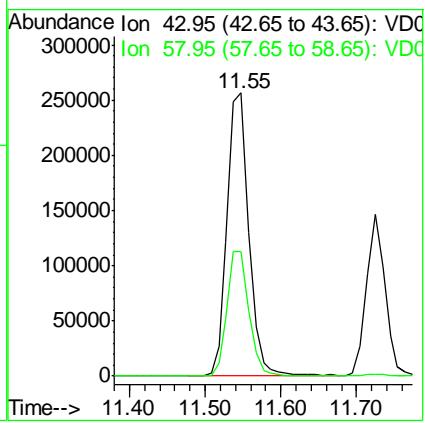
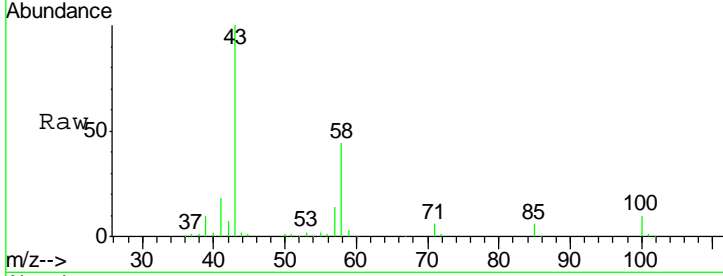


#59
 2-Hexanone
 Concen: 242.658 ug/l
 RT: 11.55 min Scan# 1029
 Delta R.T. 0.03 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument : MSVOA_D
 ClientSampled : VSTDC050

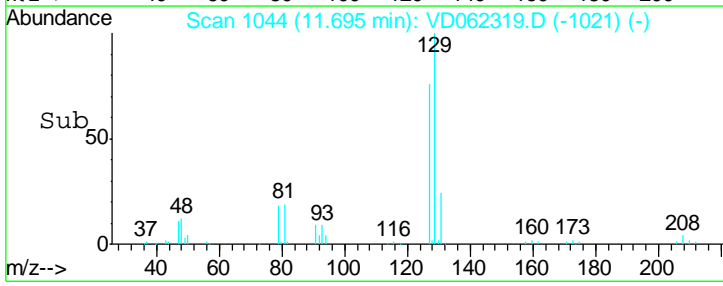
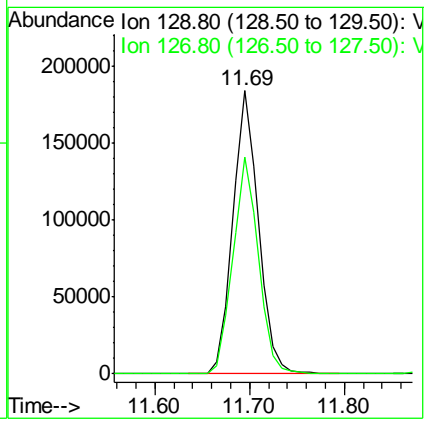
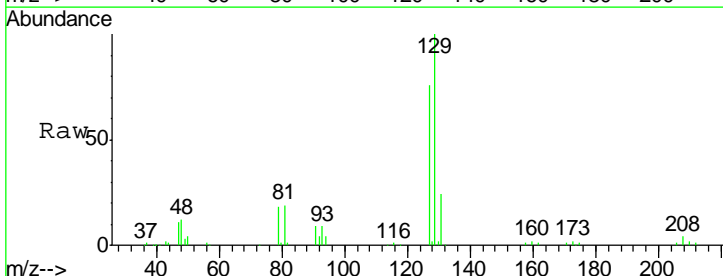
Tgt Ion: 43 Resp: 509020
 Ion Ratio Lower Upper
 43 100
 58 44.1 25.4 76.4

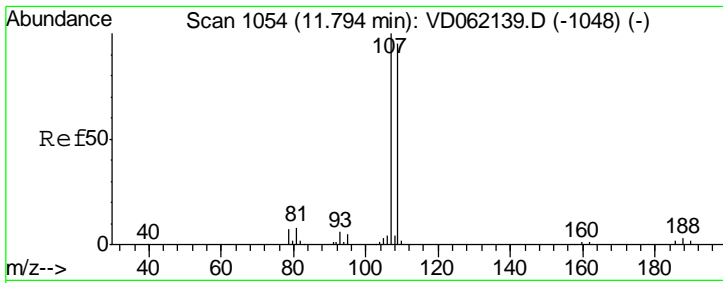
Manual Integrations
APPROVED
 MMDadoda
 5/14/2019 9:50:46 AM



#60
 Dibromochloromethane
 Concen: 52.224 ug/l
 RT: 11.69 min Scan# 1044
 Delta R.T. 0.03 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion: 129 Resp: 345389
 Ion Ratio Lower Upper
 129 100
 127 76.4 38.0 113.9





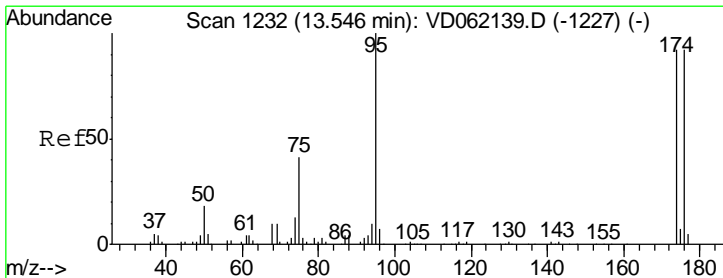
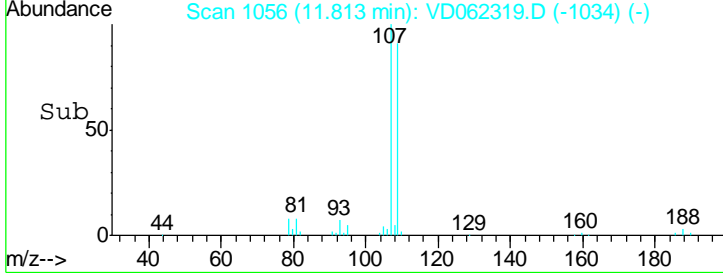
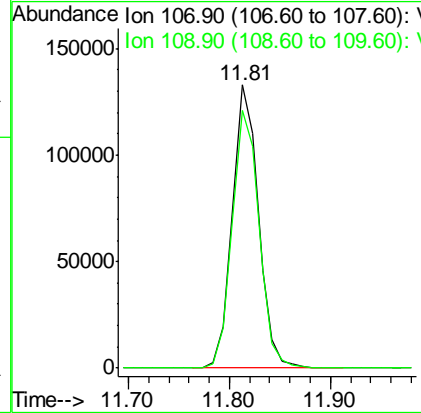
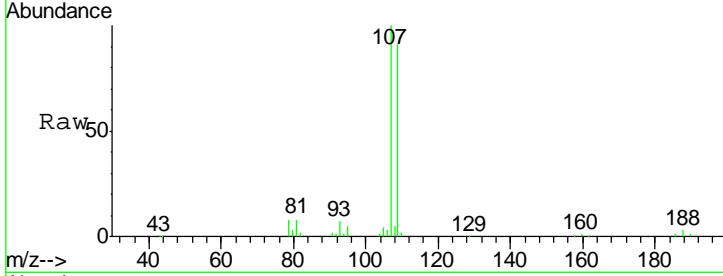
#61
 1,2-Dibromoethane
 Concen: 51.239 ug/l
 RT: 11.81 min Scan# 1056
 Delta R.T. 0.02 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument :
 MSVOA_D
 ClientSampled :
 VSTDC050

Tgt Ion	Resp	Lower	Upper
107	100		
109	91.2	78.3	117.5

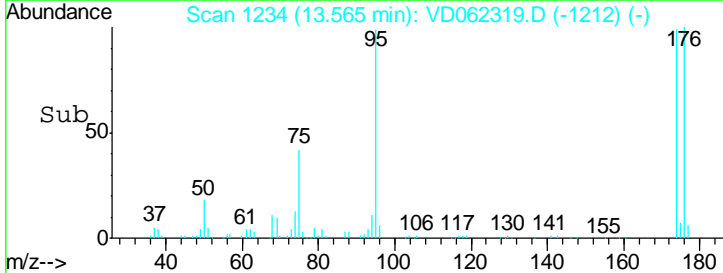
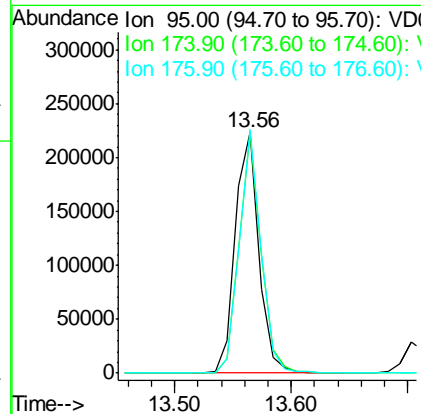
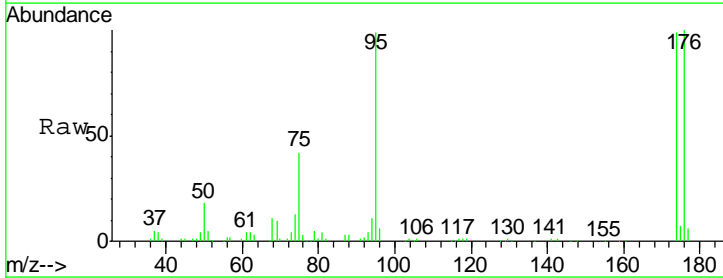
Manual Integrations
 APPROVED

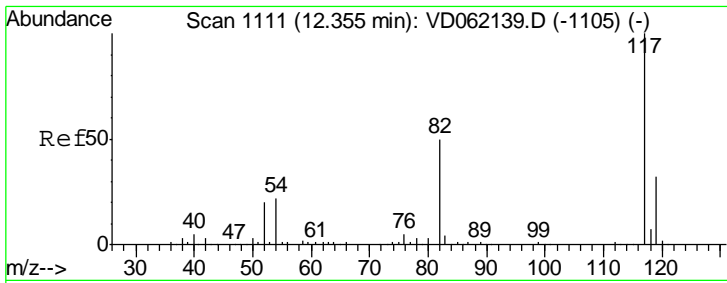
MMDadoda
 5/14/2019 9:50:46 AM



#62
 4-Bromofluorobenzene
 Concen: 43.471 ug/l
 RT: 13.56 min Scan# 1234
 Delta R.T. 0.02 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
95	100		
174	99.8	0.0	181.8
176	101.1	0.0	174.4



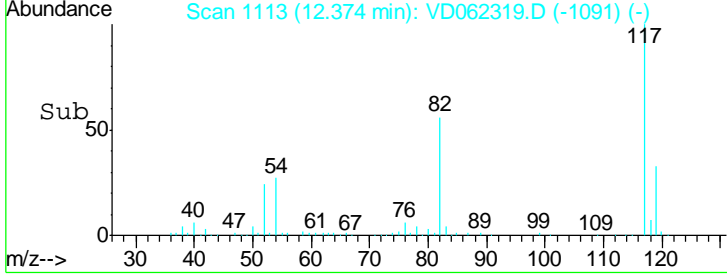
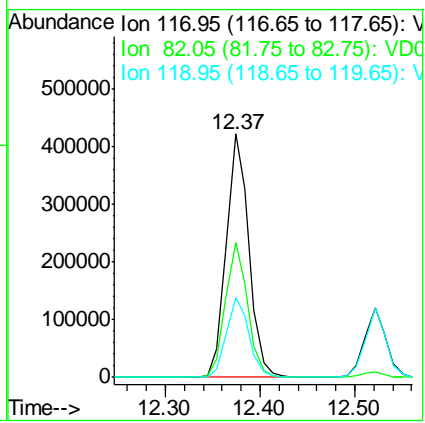
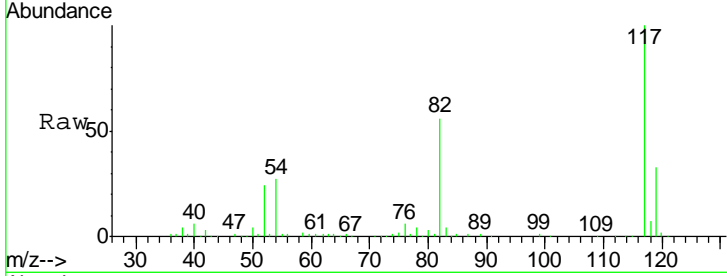


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.37 min Scan# 1113
 Delta R.T. 0.02 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument :
 MSVOA_D
 ClientSampled :
 VSTDCCC050

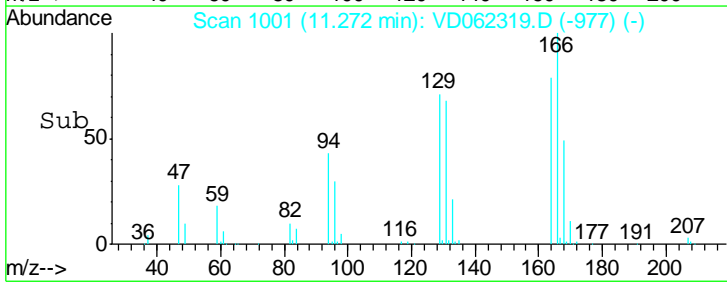
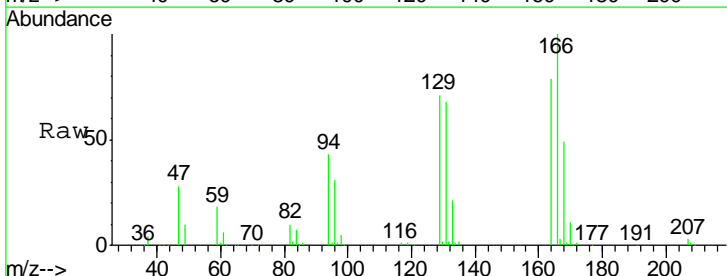
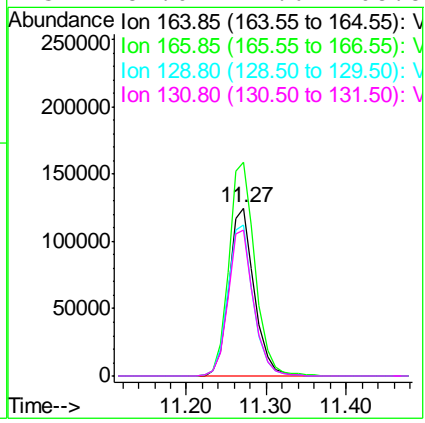
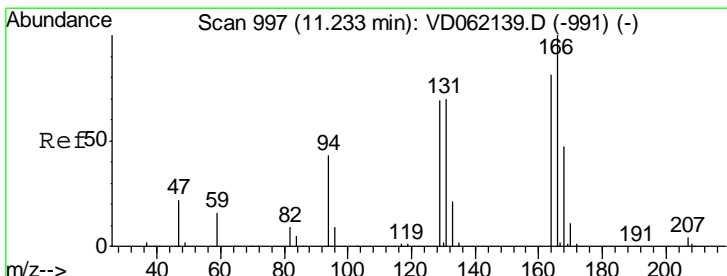
Tgt Ion	Resp	Lower	Upper
117	100		
82	55.5	36.2	54.2#
119	33.0	26.2	39.4

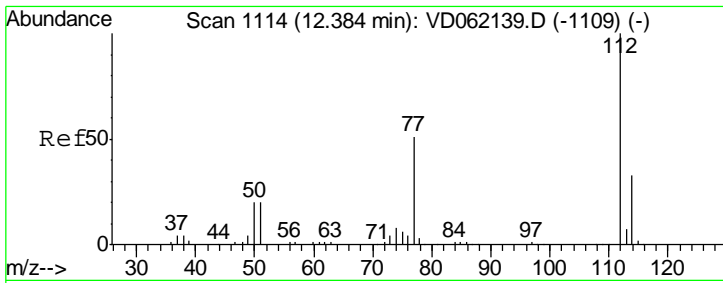
Manual Integrations
APPROVED
 MMDadoda
 5/14/2019 9:50:46 AM



#64
 Tetrachloroethene
 Concen: 50.950 ug/l
 RT: 11.27 min Scan# 1001
 Delta R.T. 0.04 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
164	100		
166	127.2	101.5	152.3
129	90.3	74.6	112.0
131	87.0	72.6	108.8





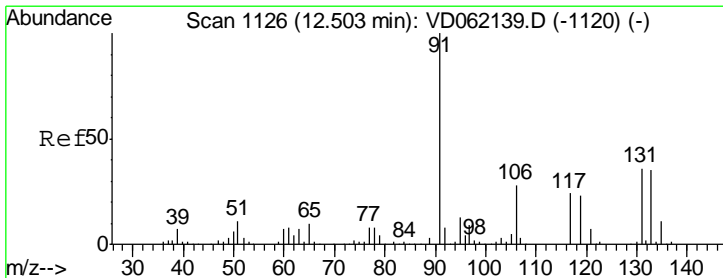
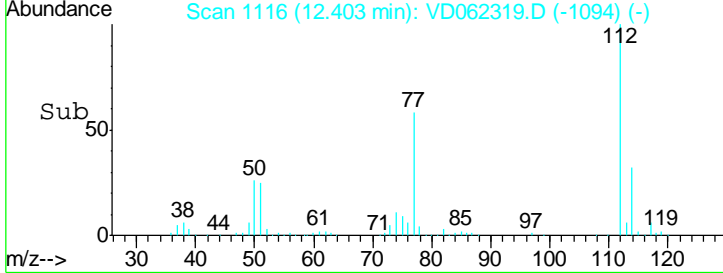
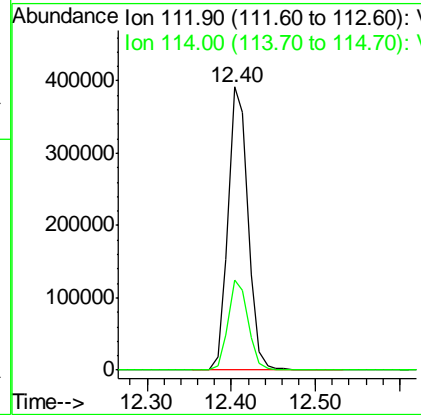
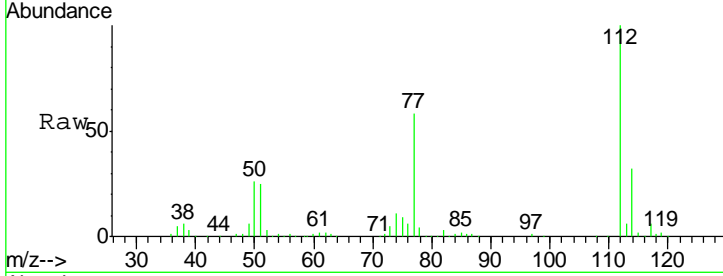
#65
 Chlorobenzene
 Concen: 49.867 ug/l
 RT: 12.40 min Scan# 1116
 Delta R.T. 0.02 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument : MSVOA_D
 Client Sampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
112	100		
114	31.9	25.8	38.8

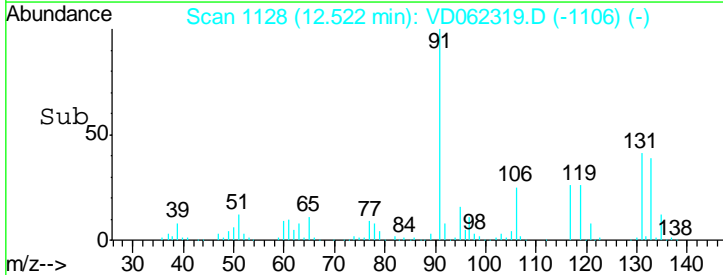
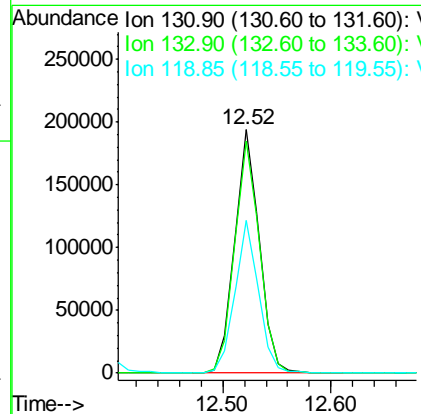
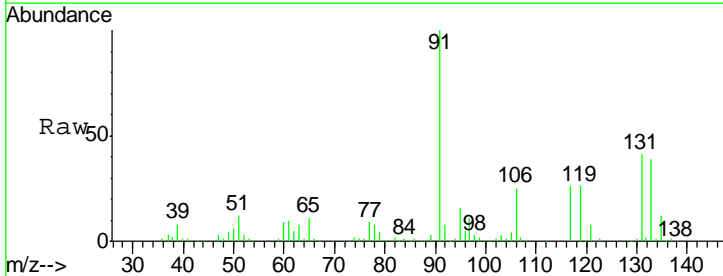
Manual Integrations
 APPROVED

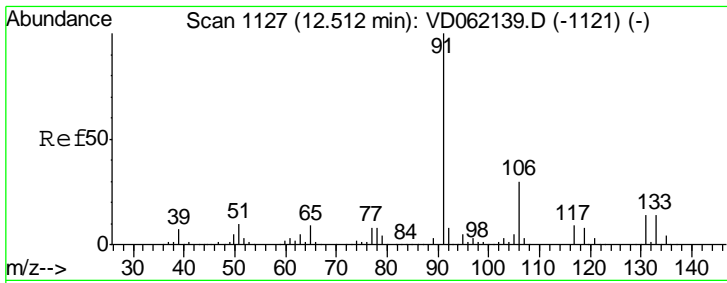
MMDadoda
 5/14/2019 9:50:46 AM



#66
 1,1,1,2-Tetrachloroethane
 Concen: 54.510 ug/l
 RT: 12.52 min Scan# 1128
 Delta R.T. 0.02 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
131	100		
133	95.2	48.6	145.8
119	62.5	34.7	104.1



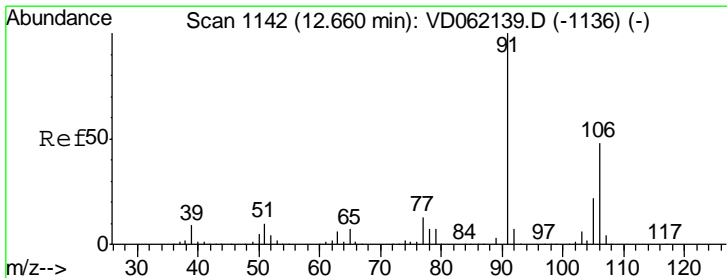
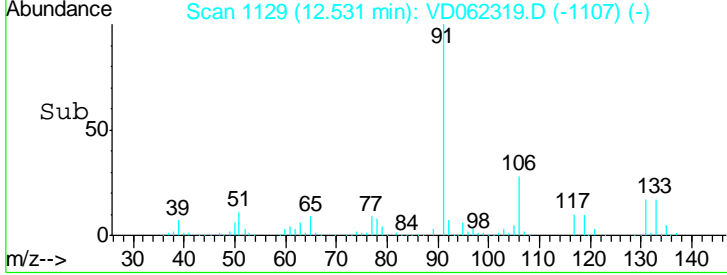
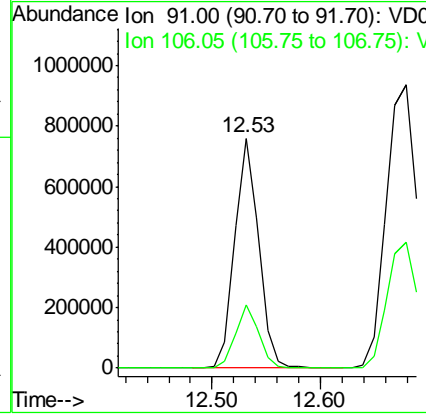
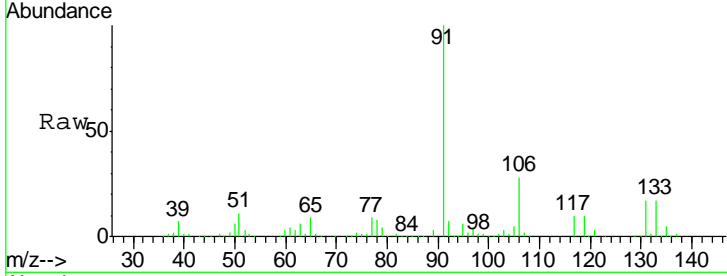


#67
 Ethyl Benzene
 Concen: 53.975 ug/l
 RT: 12.53 min Scan# 1129
 Delta R.T. 0.02 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument : MSVOA_D
 ClientSampled : VSTDCCC050

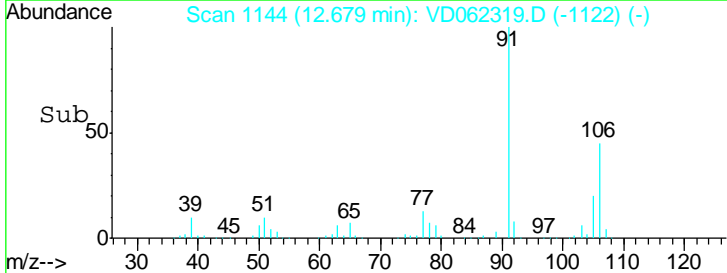
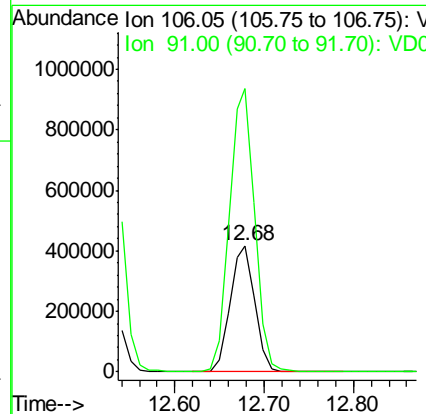
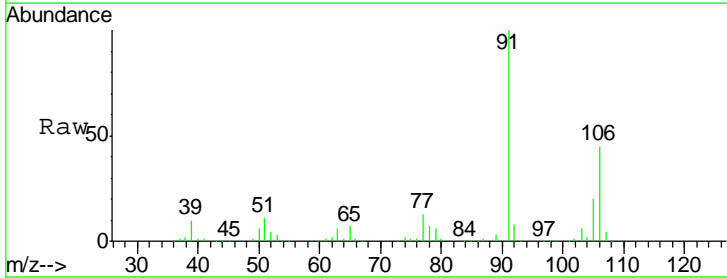
Tgt Ion: 91 Resp: 1170464
 Ion Ratio Lower Upper
 91 100
 106 27.5 24.7 37.1

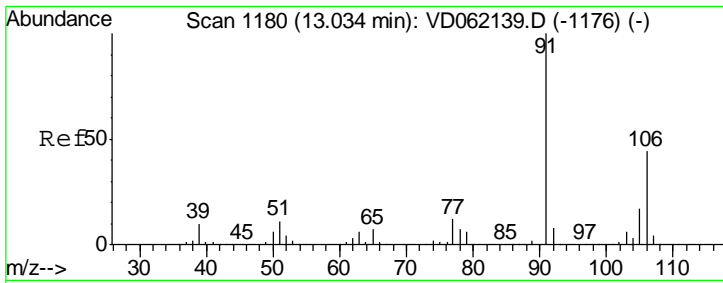
Manual Integrations
 APPROVED
 MMDadoda
 5/14/2019 9:50:46 AM



#68
 m/p-Xylenes
 Concen: 102.710 ug/l
 RT: 12.68 min Scan# 1144
 Delta R.T. 0.02 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion: 106 Resp: 810343
 Ion Ratio Lower Upper
 106 100
 91 224.5 164.0 246.0



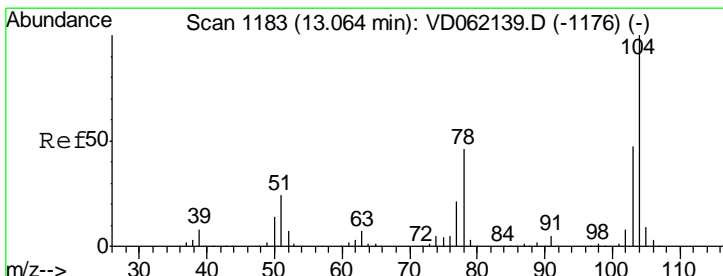
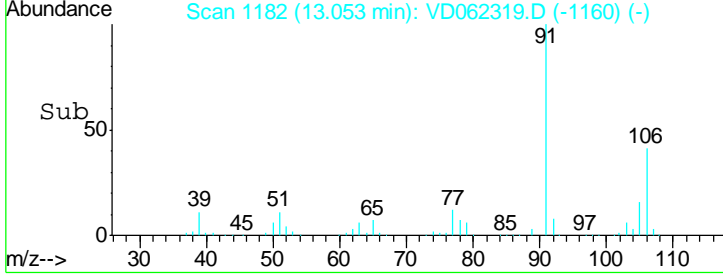
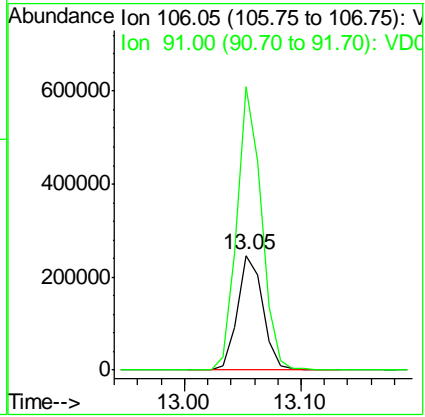
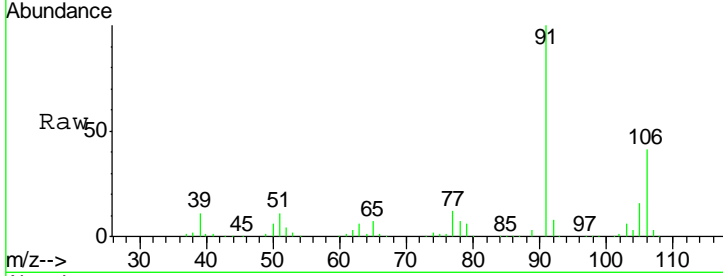


#69
 o-Xylene
 Concen: 50.743 ug/l
 RT: 13.05 min Scan# 1182
 Delta R.T. 0.02 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument : MSVOA_D
 Client Sampled : VSTDC050

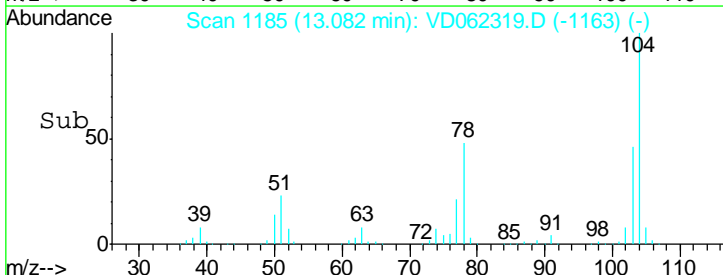
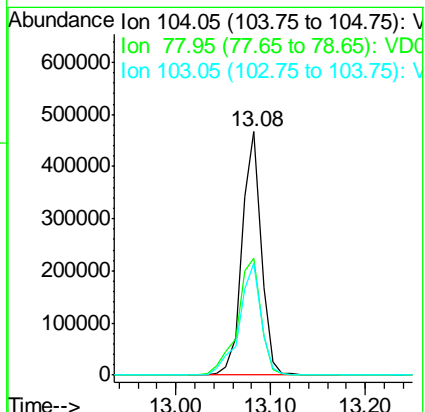
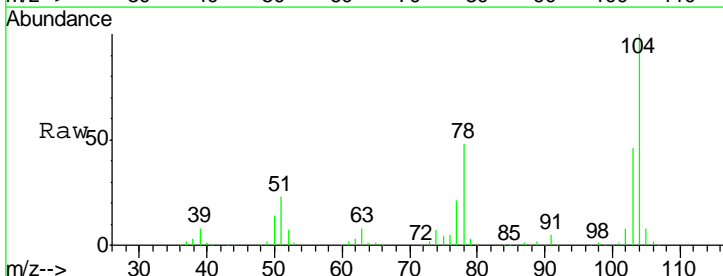
Tgt Ion	Resp	Lower	Upper
106	372196		
106	100		
91	246.8	106.7	319.9

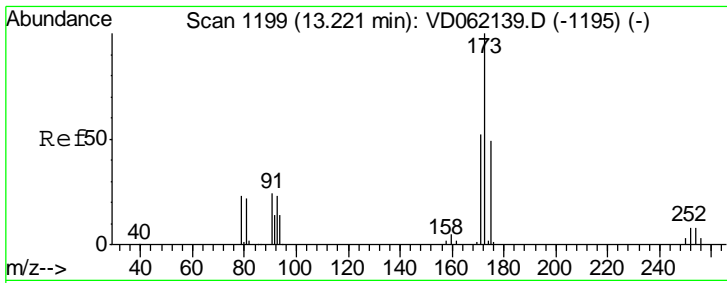
Manual Integrations
APPROVED
 MMDadoda
 5/14/2019 9:50:46 AM



#70
 Styrene
 Concen: 52.463 ug/l
 RT: 13.08 min Scan# 1185
 Delta R.T. 0.02 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
104	651873		
104	100		
78	48.0	35.4	53.2
103	45.8	37.5	56.3





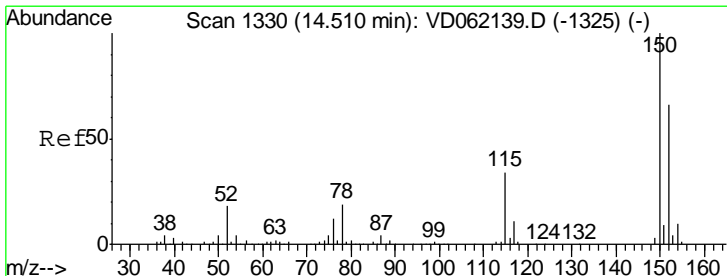
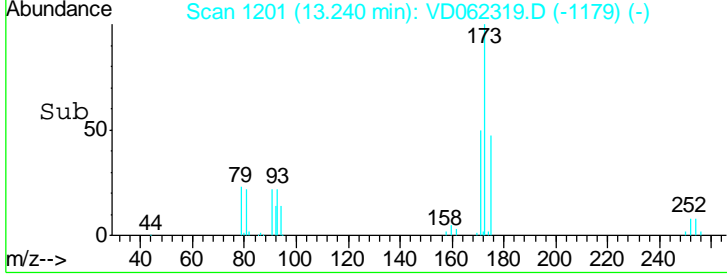
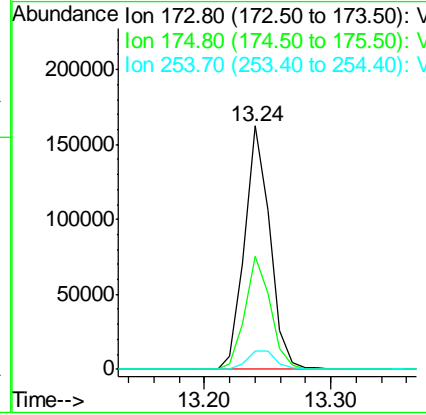
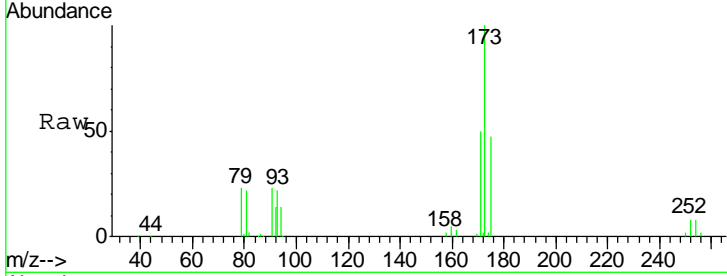
#71
 Bromoform
 Concen: 57.289 ug/l
 RT: 13.24 min Scan# 1201
 Delta R.T. 0.02 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument : MSVOA_D
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
173	100		
175	46.7	24.4	73.4
254	7.7	5.4	8.2

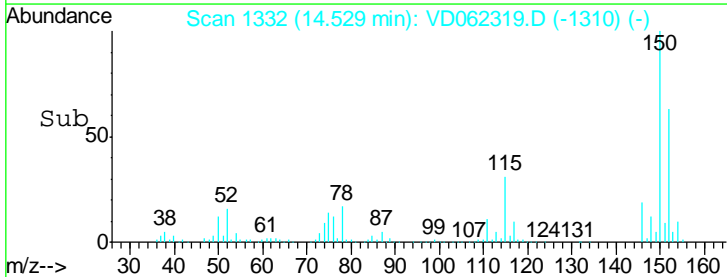
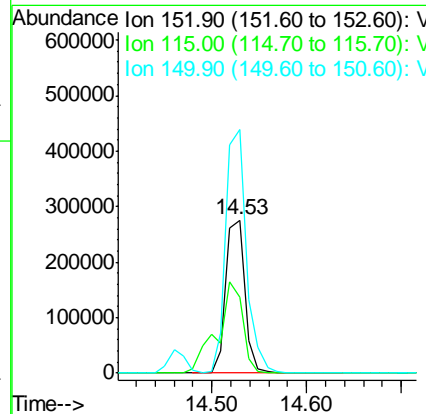
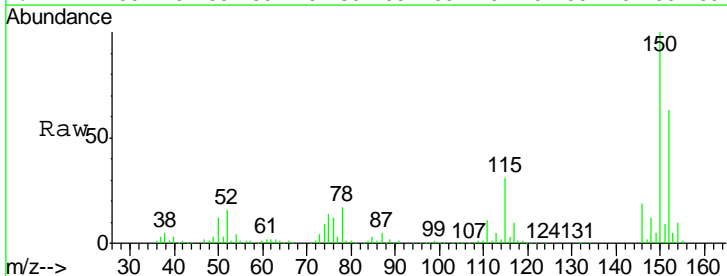
Manual Integrations
 APPROVED

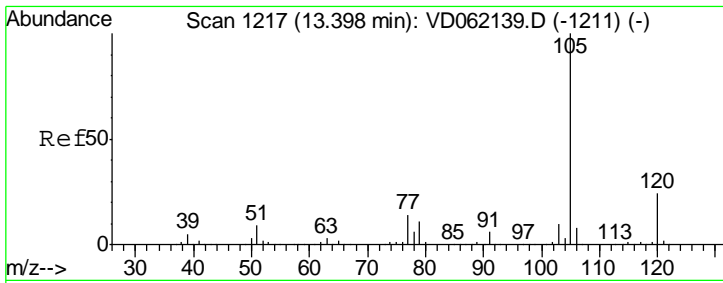
MMDadoda
 5/14/2019 9:50:46 AM



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.53 min Scan# 1332
 Delta R.T. 0.02 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
152	100		
115	49.8	30.9	92.7
150	159.0	0.0	314.8





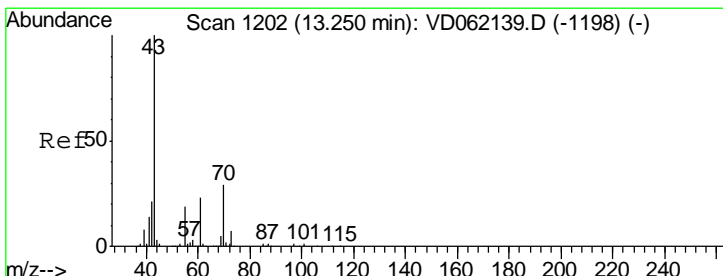
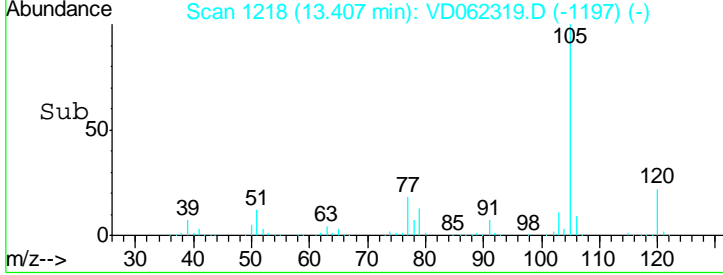
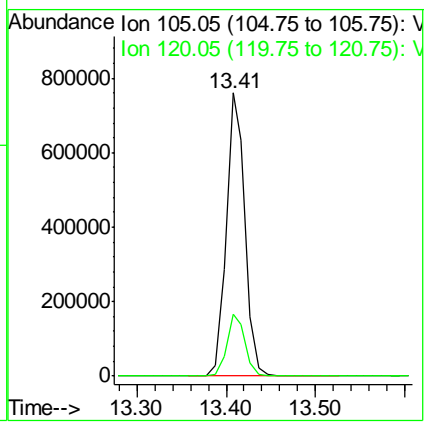
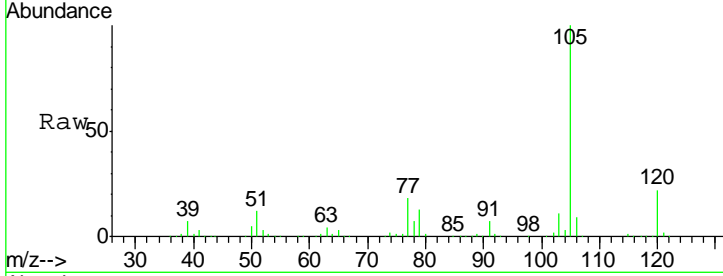
#73
 Isopropylbenzene
 Concen: 48.783 ug/l
 RT: 13.41 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument : MSVOA_D
 ClientSampled : VSTDCCC050

Tgt Ion: 105 Resp: 1123539

Ion	Ratio	Lower	Upper
105	100		
120	21.7	12.0	36.1

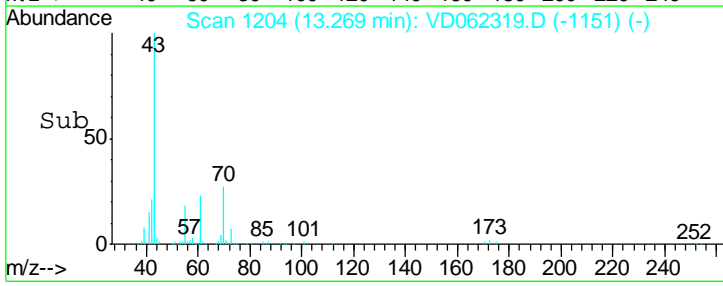
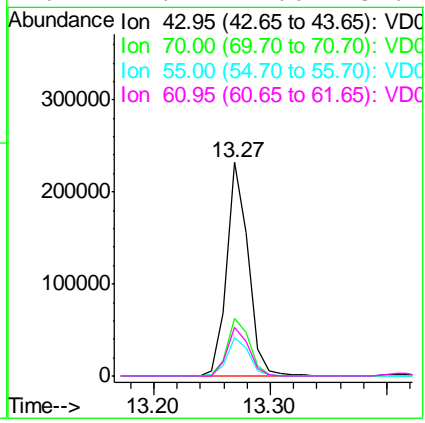
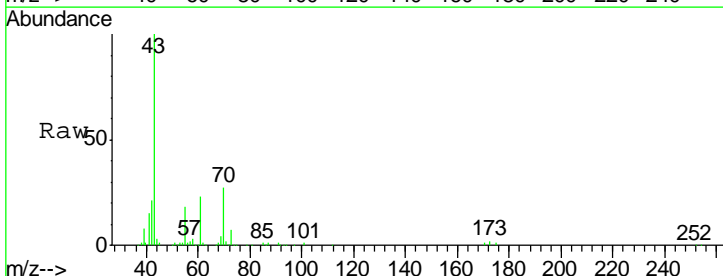
Manual Integrations
APPROVED
 MMDadoda
 5/14/2019 9:50:46 AM

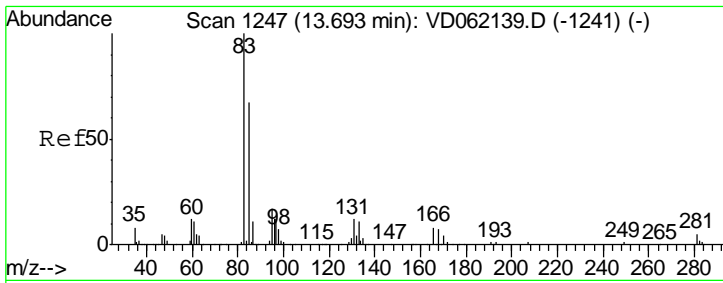


#74
 N-nyl acetate
 Concen: 49.126 ug/l
 RT: 13.27 min Scan# 1204
 Delta R.T. 0.02 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion: 43 Resp: 296637

Ion	Ratio	Lower	Upper
43	100		
70	26.9	24.2	36.4
55	18.0	16.0	24.0
61	22.7	21.6	32.4



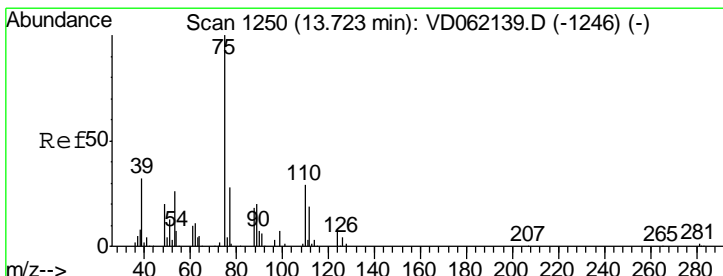
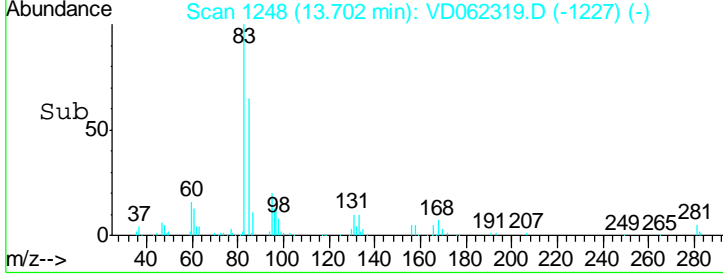
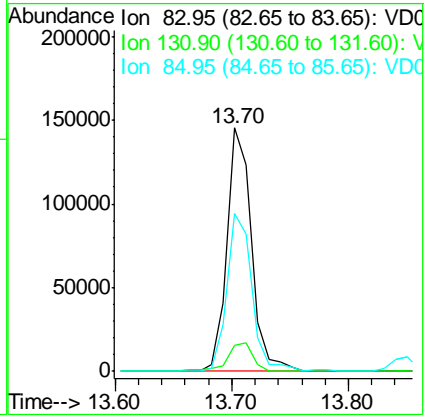
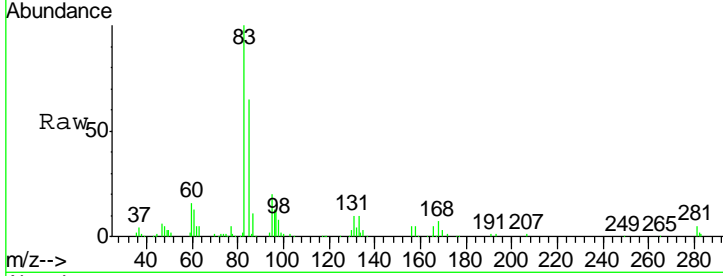


#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.513 ug/l
 RT: 13.70 min Scan# 1248
 Delta R.T. 0.01 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument :
 MSVOA_D
ClientSampled :
 VSTDCCC050

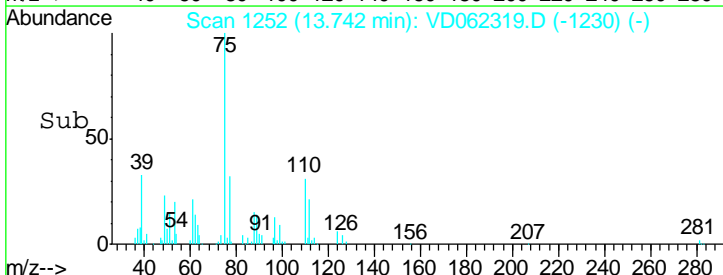
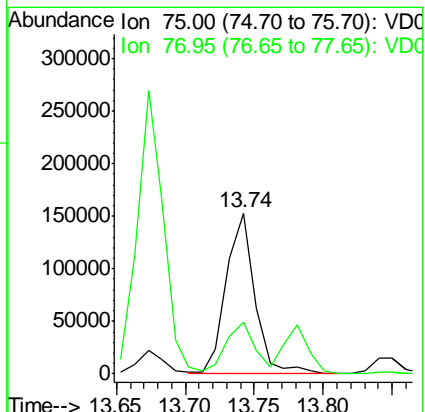
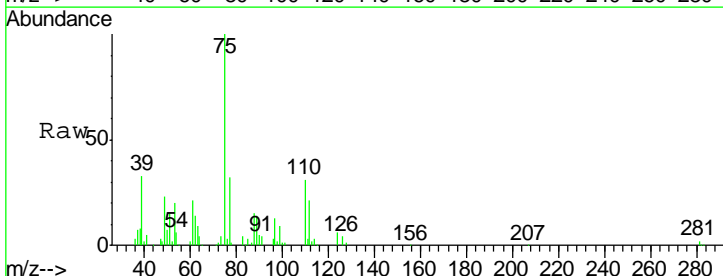
Tgt Ion	Resp	Lower	Upper
83	100		
131	10.5	5.0	14.9
85	65.0	32.6	97.7

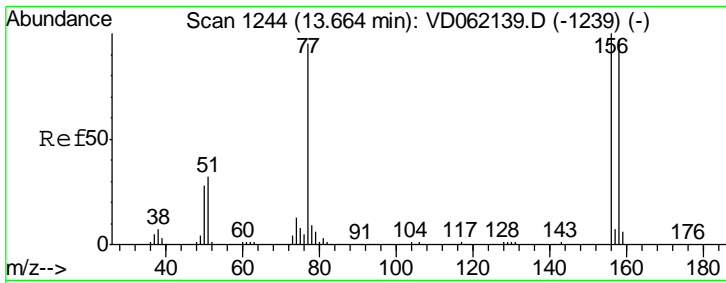
Manual Integrations
APPROVED
 MMDadoda
 5/14/2019 9:50:46 AM



#76
 1,2,3-Trichloropropane
 Concen: 48.748 ug/l
 RT: 13.74 min Scan# 1252
 Delta R.T. 0.02 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
75	100		
77	32.4	16.4	49.4





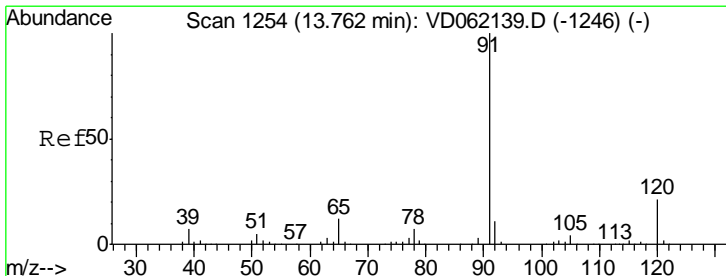
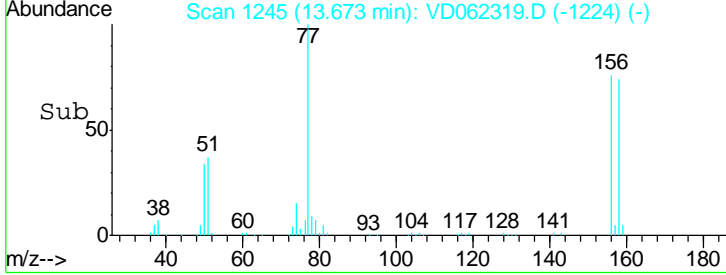
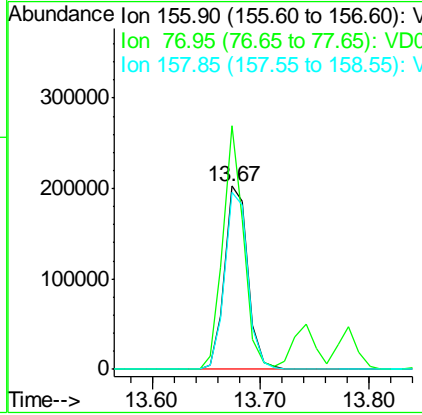
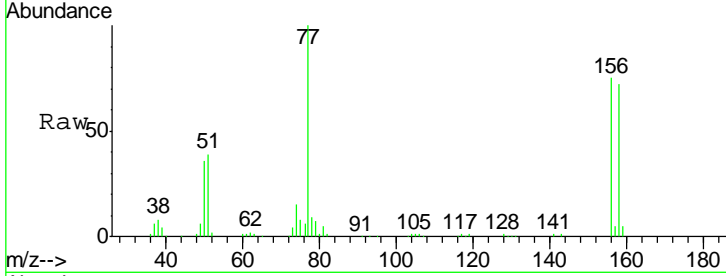
#77
 Bromobenzene
 Concen: 47.033 ug/l
 RT: 13.67 min Scan# 1245
 Delta R.T. 0.01 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument : MSVOA_D
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
156	303236		
77	132.8	53.1	159.4
158	96.3	49.4	148.0

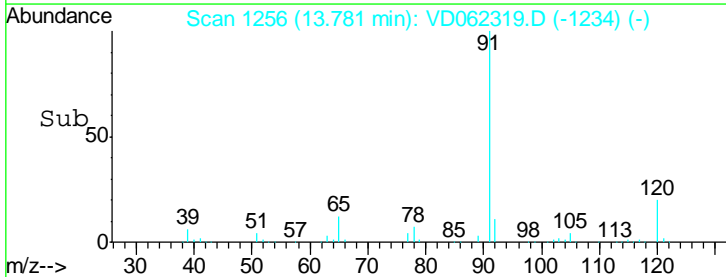
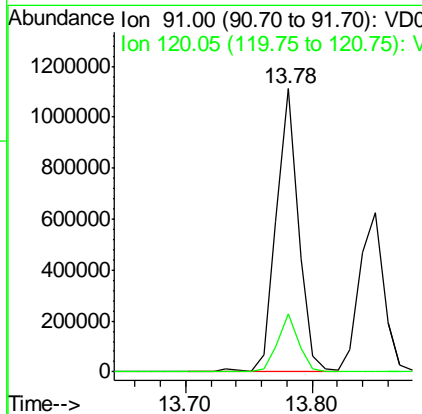
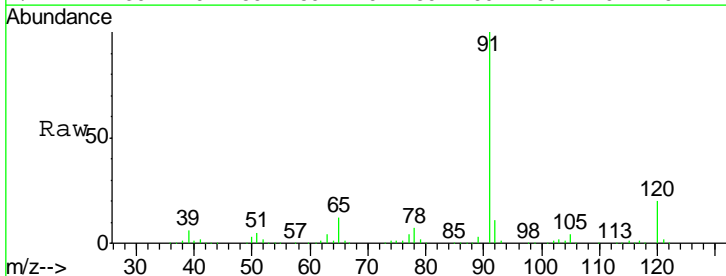
Manual Integrations
 APPROVED

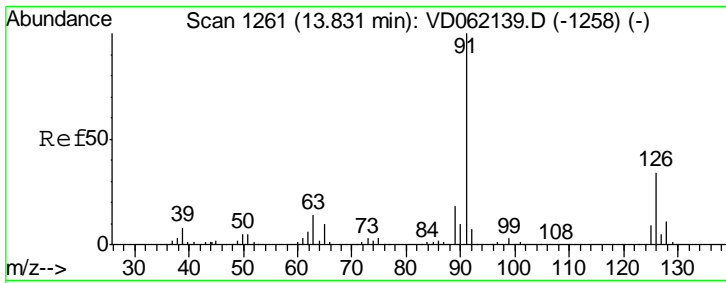
MMDadoda
 5/14/2019 9:50:46 AM



#78
 n-propylbenzene
 Concen: 49.841 ug/l
 RT: 13.78 min Scan# 1256
 Delta R.T. 0.02 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
91	1369303		
120	20.5	11.1	33.1





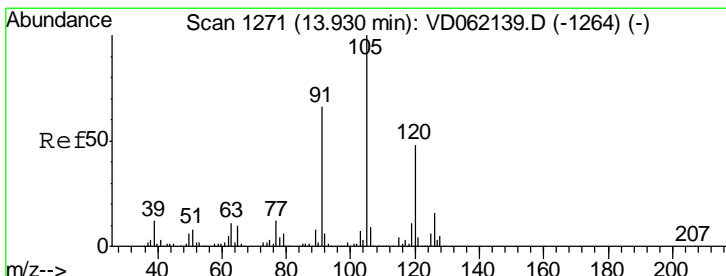
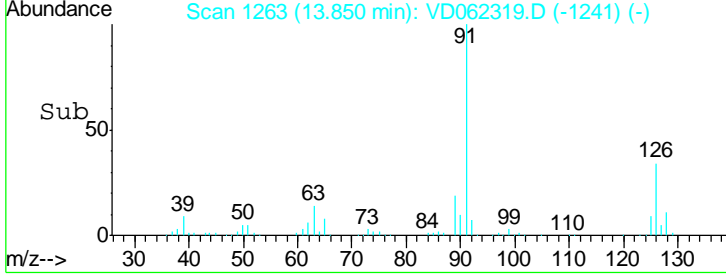
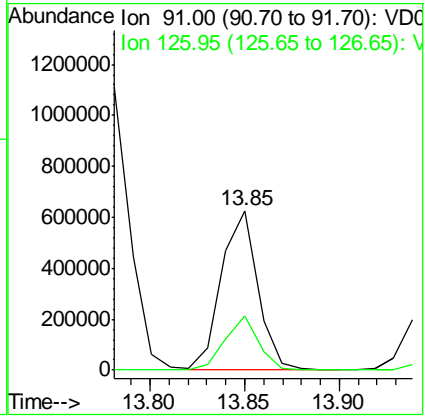
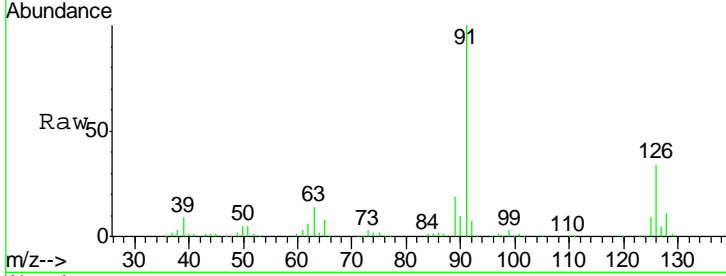
#79
 2-Chlorotoluene
 Concen: 52.223 ug/l
 RT: 13.85 min Scan# 1263
 Delta R.T. 0.02 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument : MSVOA_D
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
91	100		
126	33.6	18.6	55.8

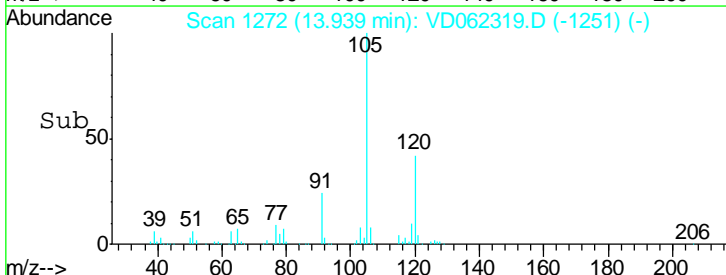
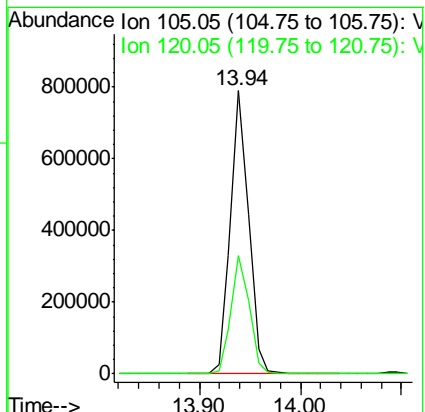
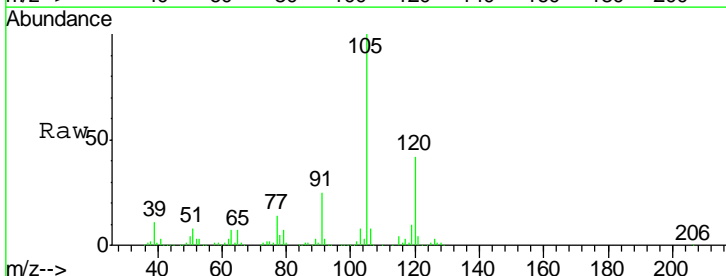
Manual Integrations
 APPROVED

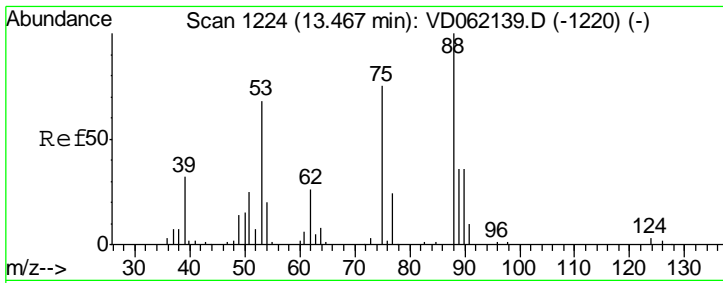
MMDadoda
 5/14/2019 9:50:46 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 51.000 ug/l
 RT: 13.94 min Scan# 1272
 Delta R.T. 0.01 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
105	100		
120	41.8	24.0	72.0



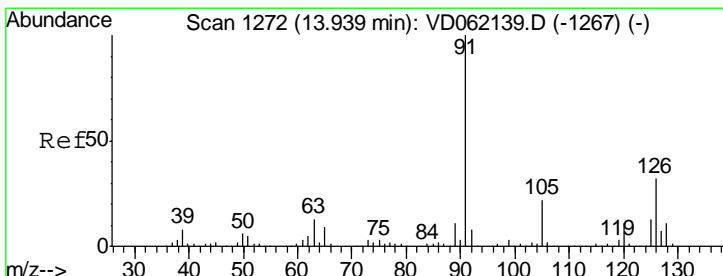
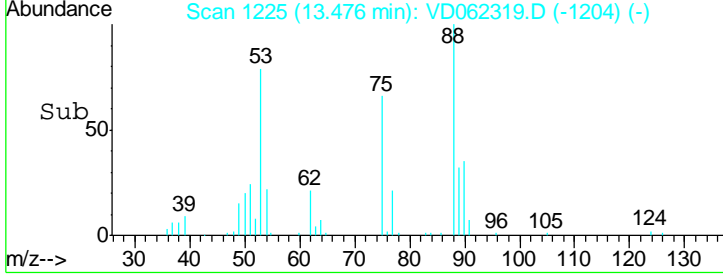
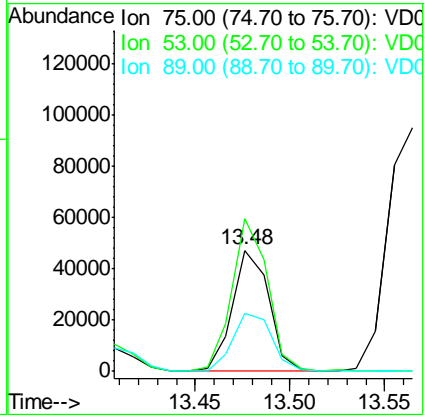
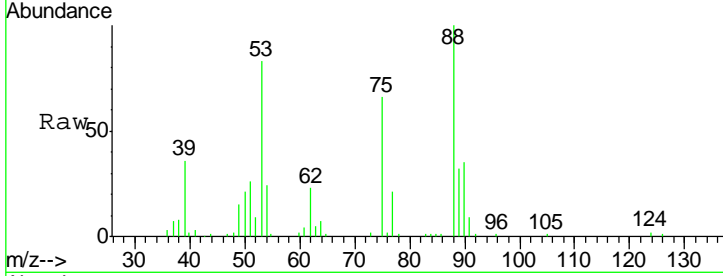


#81
 trans-1,4-Dichloro-2-butene
 Concen: 48.985 ug/l
 RT: 13.48 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument : MSVOA_D
 ClientSampled : VSTDCCC050

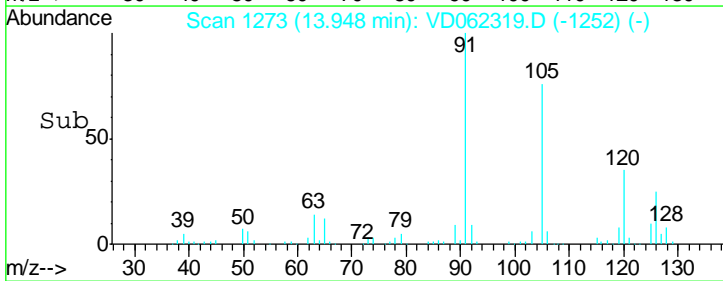
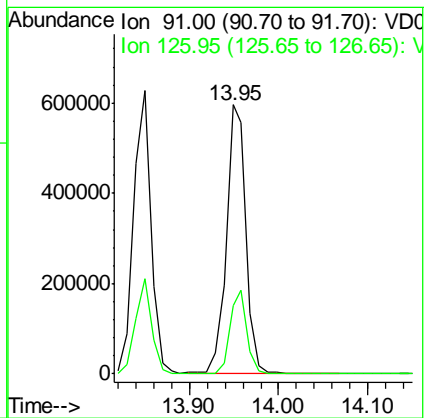
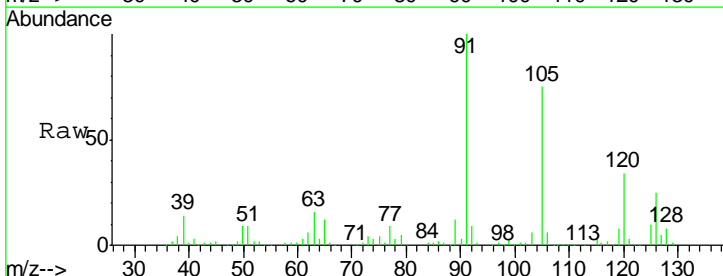
Tgt Ion	Resp	Lower	Upper
75	63144		
75	100		
53	126.0	65.8	98.8#
89	48.3	35.0	52.6

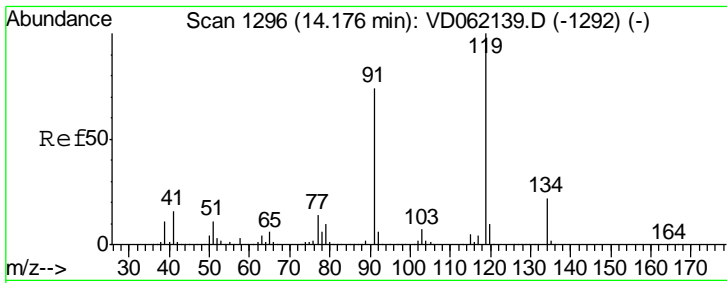
Manual Integrations
APPROVED
 MMDadoda
 5/14/2019 9:50:46 AM



#82
 4-Chlorotoluene
 Concen: 49.817 ug/l
 RT: 13.95 min Scan# 1273
 Delta R.T. 0.01 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
91	922398		
91	100		
126	25.4	19.1	57.5





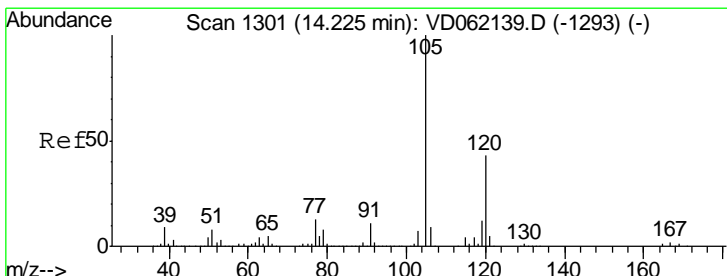
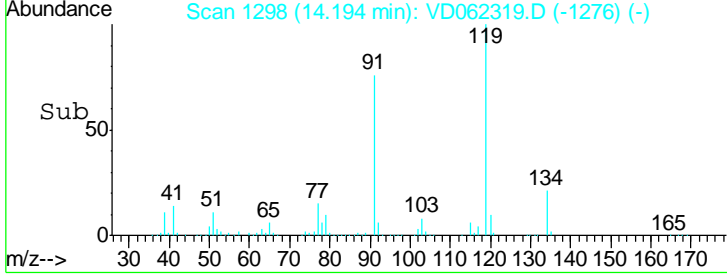
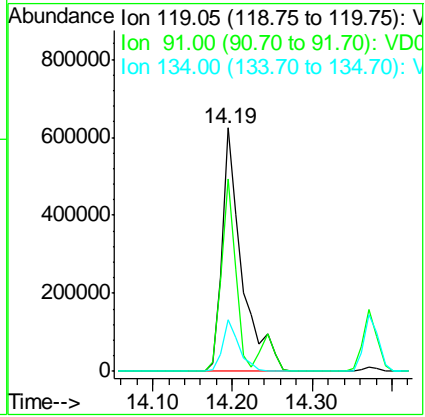
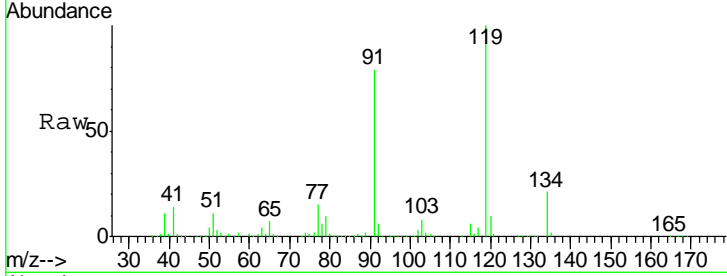
#83
 tert-Butylbenzene
 Concen: 50.258 ug/l
 RT: 14.19 min Scan# 1298
 Delta R.T. 0.02 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument : MSVOA_D
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
119	1095560		
119	100		
91	79.0	34.2	102.6
134	21.2	12.0	36.0

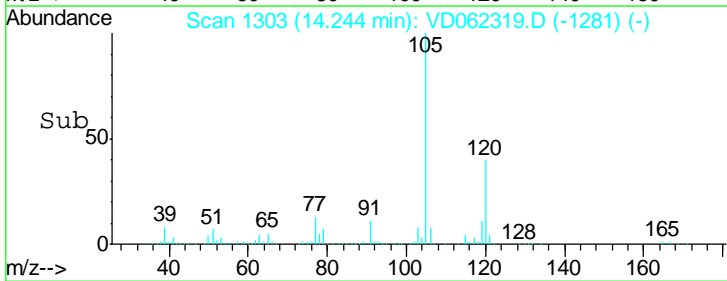
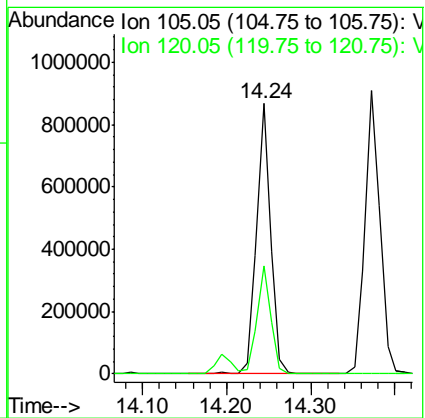
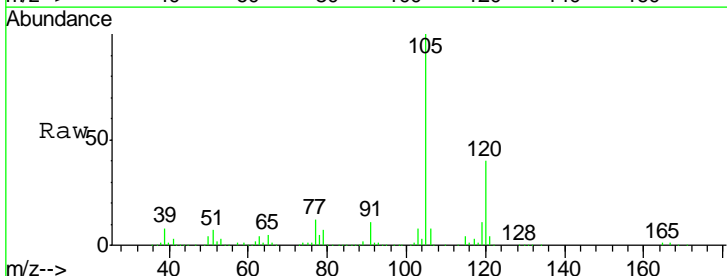
Manual Integrations
 APPROVED

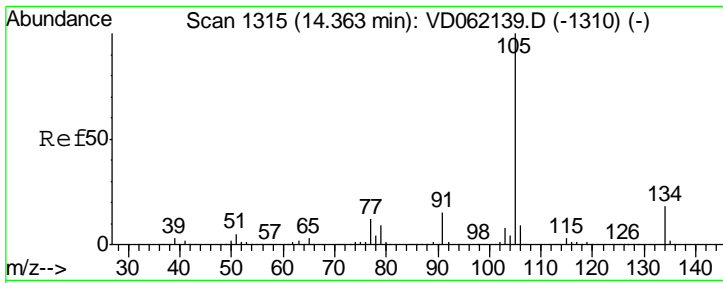
MMDadoda
 5/14/2019 9:50:46 AM



#84
 1,2,4-Trimethylbenzene
 Concen: 53.100 ug/l
 RT: 14.24 min Scan# 1303
 Delta R.T. 0.02 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
105	1033430		
105	100		
120	40.0	23.1	69.2





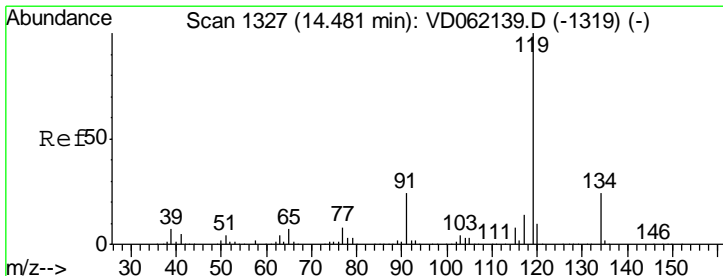
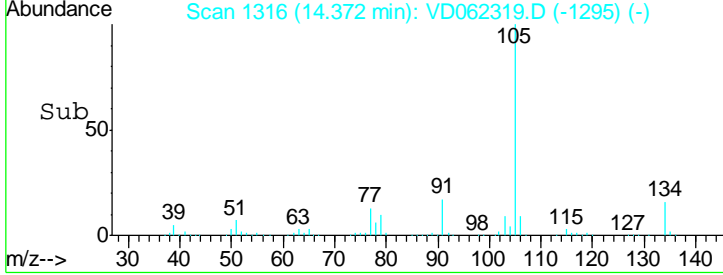
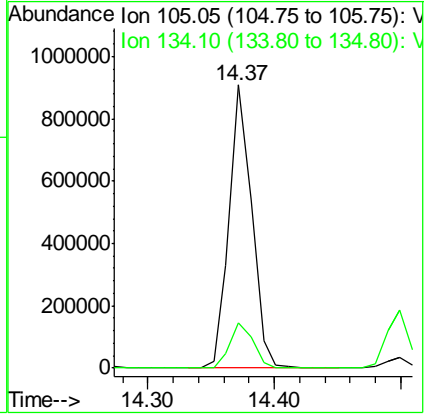
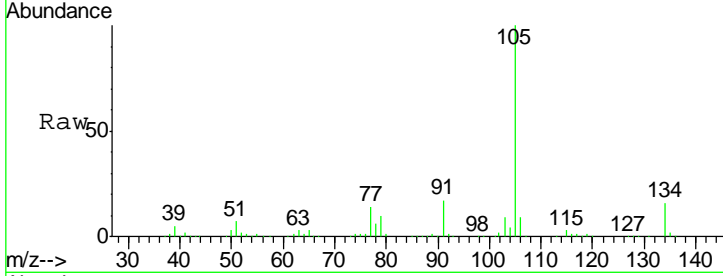
#85
 sec-Butylbenzene
 Concen: 47.251 ug/l
 RT: 14.37 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument : MSVOA_D
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
105	1129332		
134	16.1	8.9	26.7

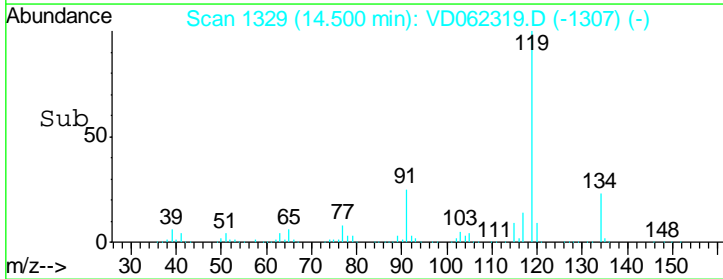
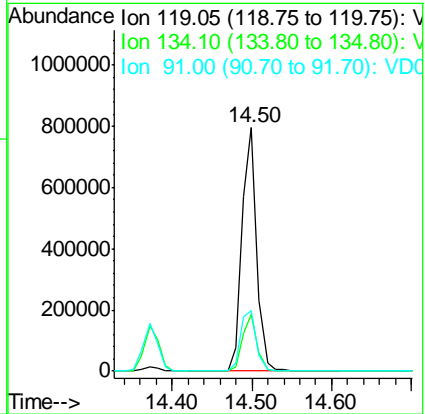
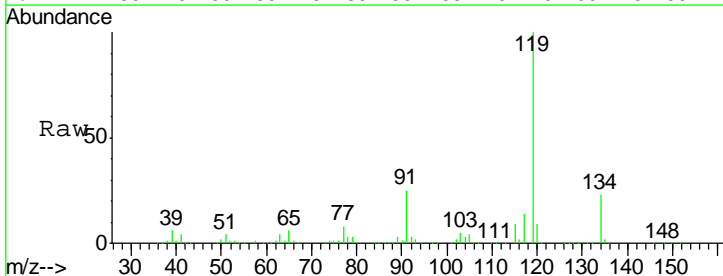
Manual Integrations
 APPROVED

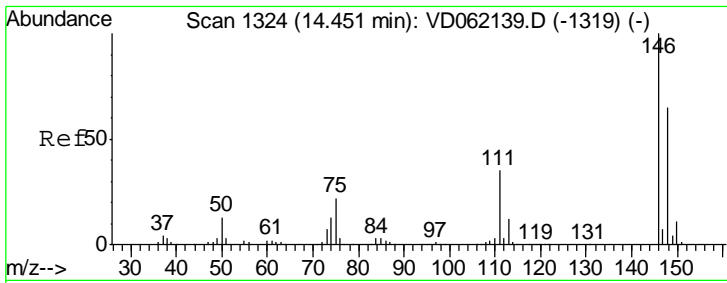
MMDadoda
 5/14/2019 9:50:46 AM



#86
 p-Isopropyltoluene
 Concen: 47.538 ug/l
 RT: 14.50 min Scan# 1329
 Delta R.T. 0.02 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
119	1015115		
134	23.4	12.8	38.3
91	25.1	10.7	32.1



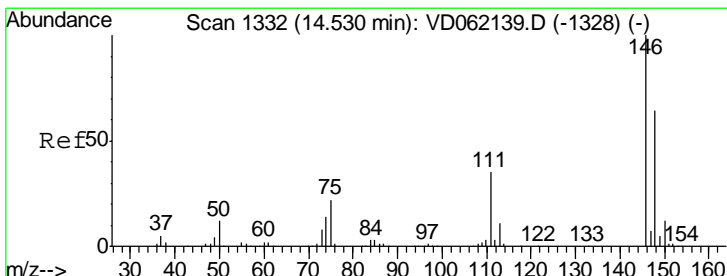
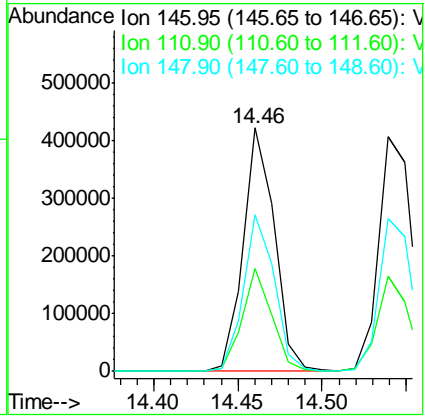
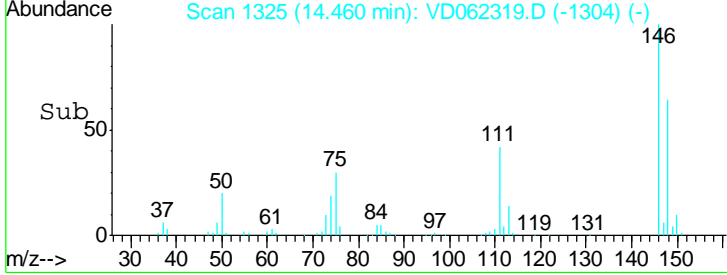
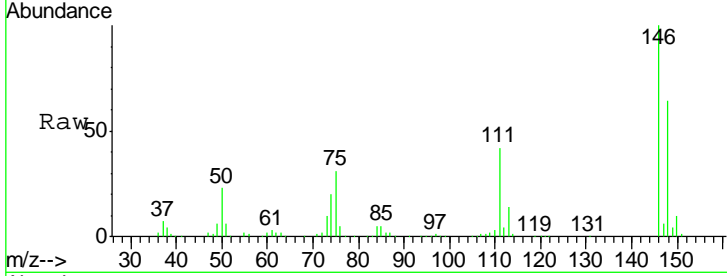


#87
 1,3-Dichlorobenzene
 Concen: 46.148 ug/l
 RT: 14.46 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument :
 MSVOA_D
Client Sampled :
 VSTDCCC050

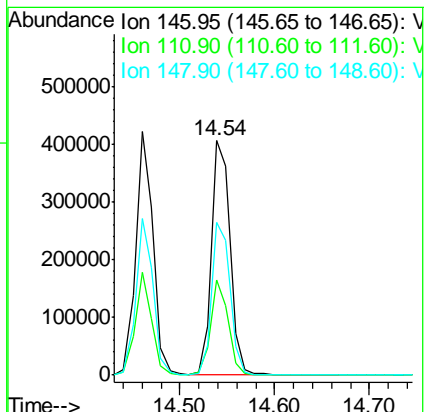
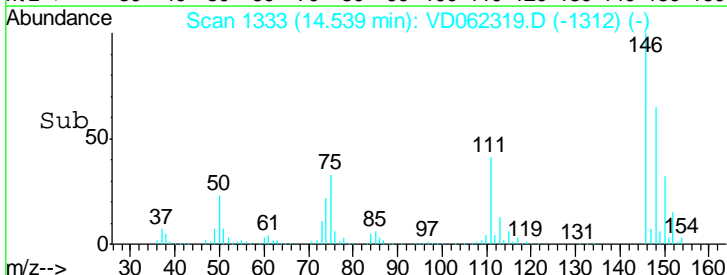
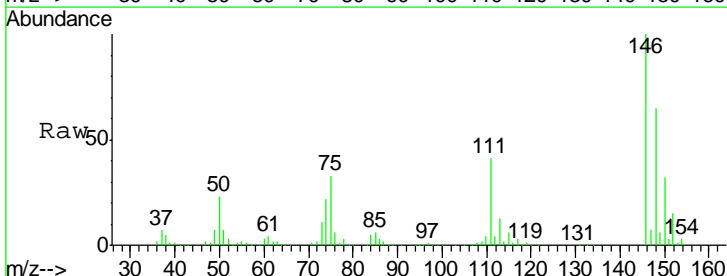
Tgt Ion	Resp	Lower	Upper
146	100		
111	42.3	20.0	60.0
148	64.2	31.8	95.4

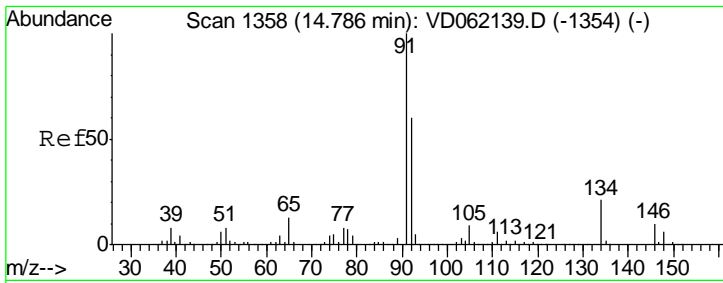
Manual Integrations
APPROVED
 MMDadoda
 5/14/2019 9:50:46 AM



#88
 1,4-Dichlorobenzene
 Concen: 48.092 ug/l
 RT: 14.54 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
146	100		
111	40.7	20.2	60.5
148	65.4	32.0	96.2





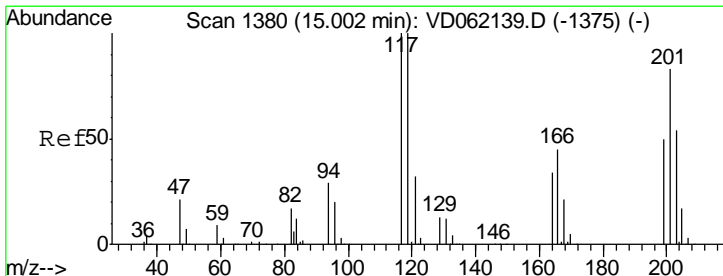
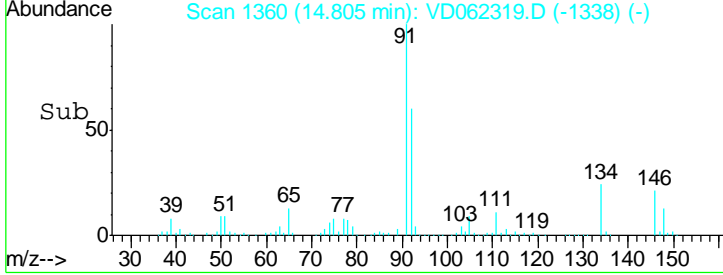
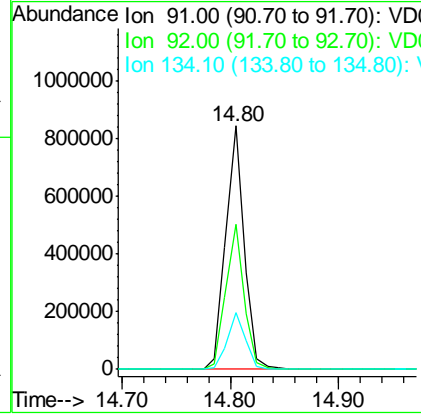
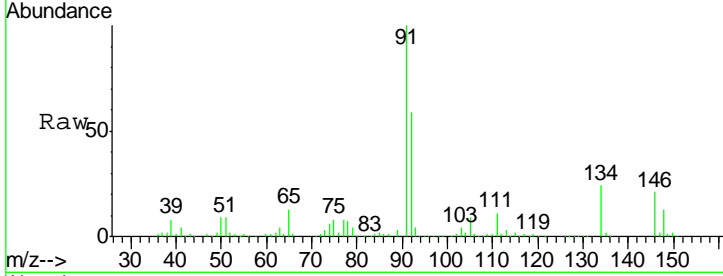
#89
 n-Butylbenzene
 Concen: 51.971 ug/l
 RT: 14.80 min Scan# 1360
 Delta R.T. 0.02 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument : MSVOA_D
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
91	100		
92	59.5	30.3	91.0
134	23.5	14.5	43.6

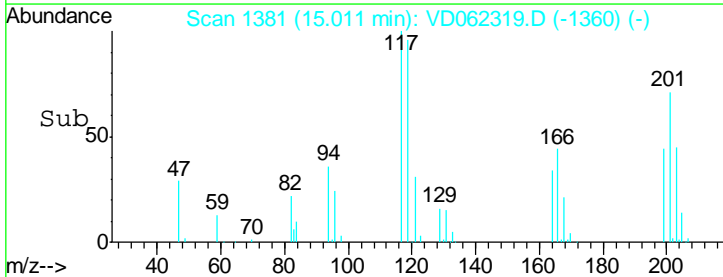
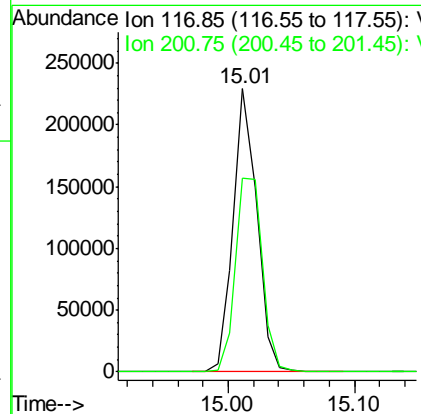
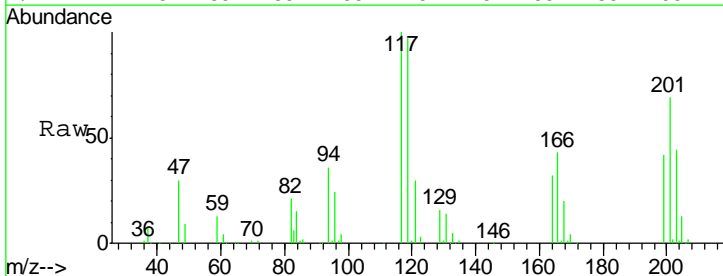
Manual Integrations
 APPROVED

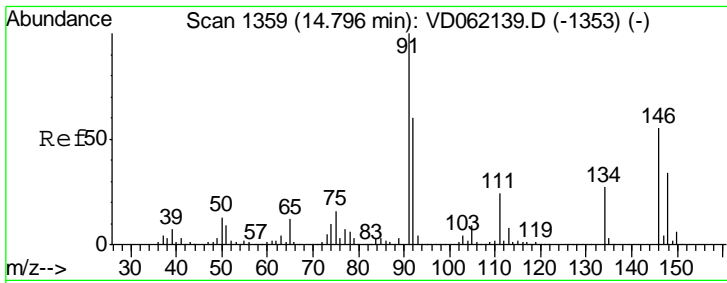
MMDadoda
 5/14/2019 9:50:46 AM



#90
 Hexachloroethane
 Concen: 51.073 ug/l
 RT: 15.01 min Scan# 1381
 Delta R.T. 0.01 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
117	100		
201	68.6	30.2	90.6





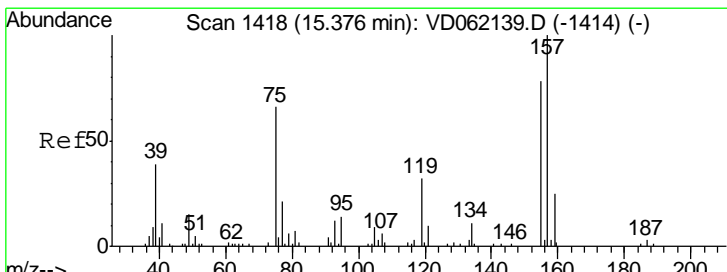
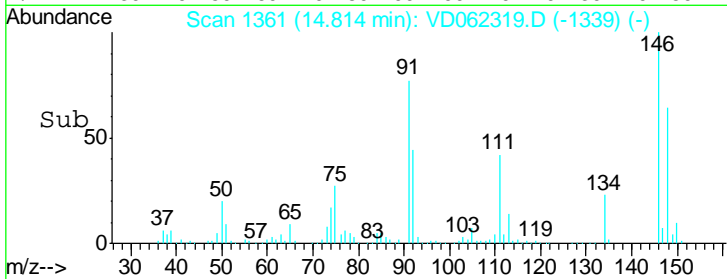
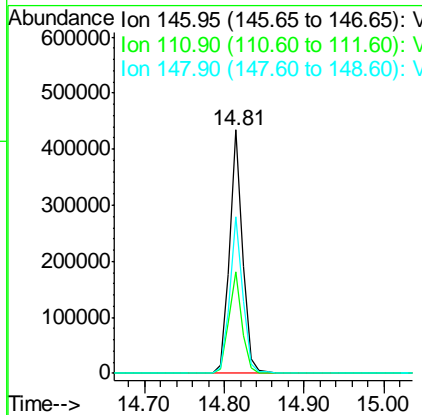
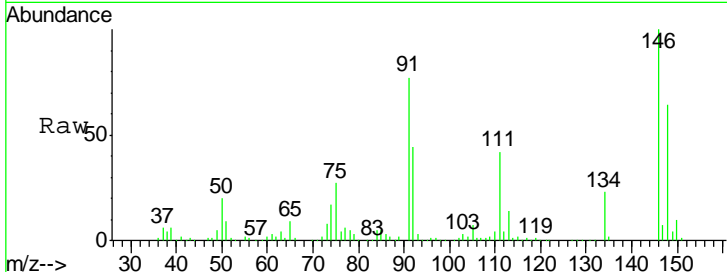
#91
 1,2-Dichlorobenzene
 Concen: 52.171 ug/l
 RT: 14.81 min Scan# 1361
 Delta R.T. 0.02 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument : MSVOA_D
 ClientSampleId : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
146	100		
111	41.6	20.0	59.9
148	64.1	32.3	96.8

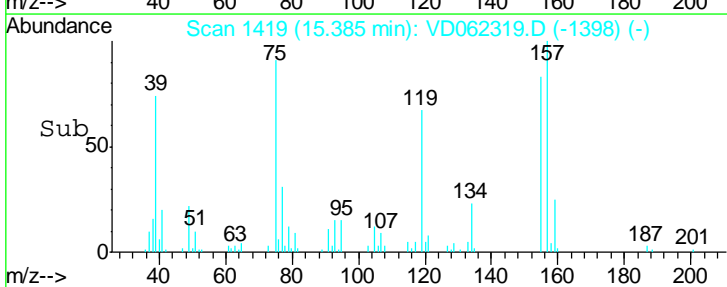
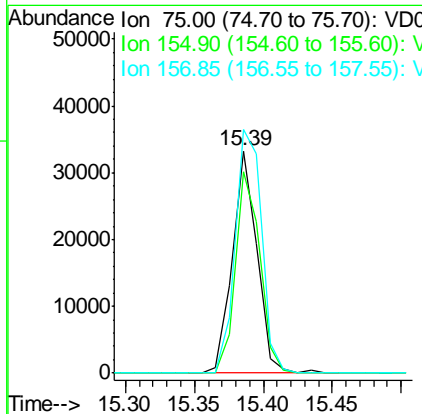
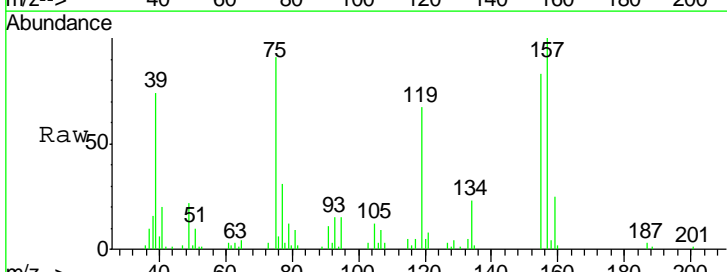
Manual Integrations
 APPROVED

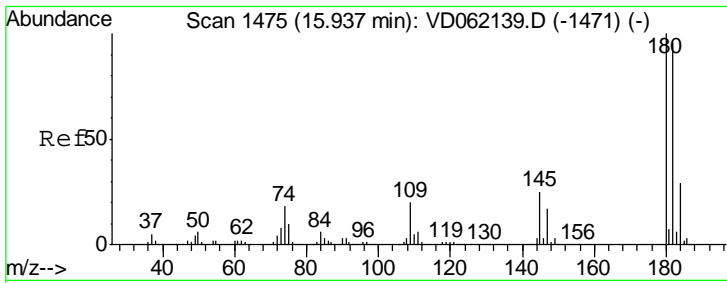
MMDadoda
 5/14/2019 9:50:46 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.580 ug/l
 RT: 15.39 min Scan# 1419
 Delta R.T. 0.01 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Tgt Ion	Resp	Lower	Upper
75	100		
155	90.8	55.3	165.8
157	109.7	67.8	203.2





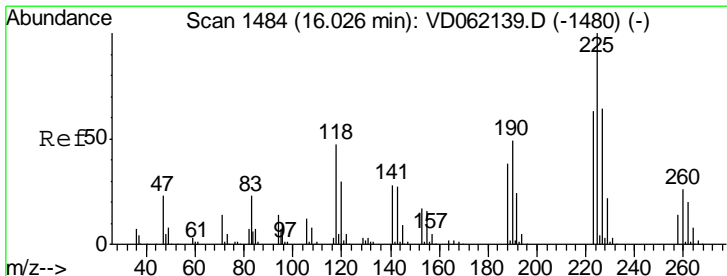
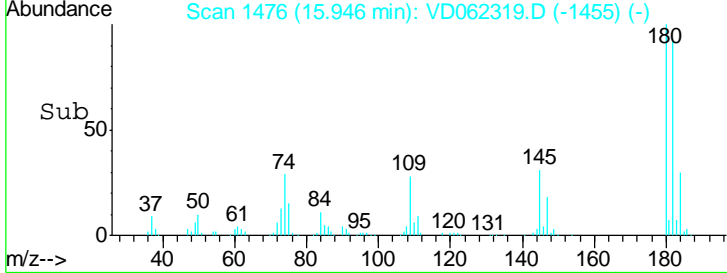
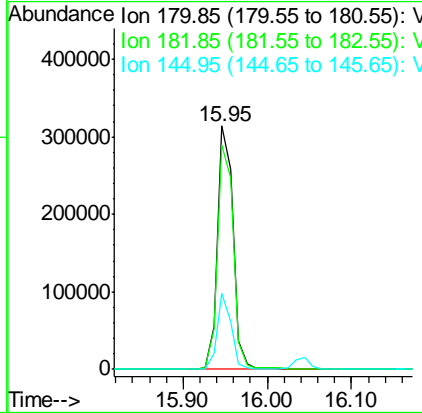
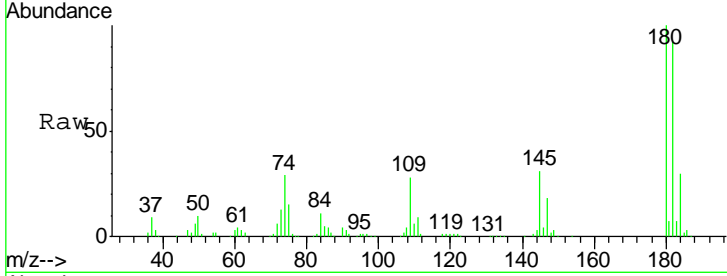
#93
 1,2,4-Trichlorobenzene
 Concen: 57.304 ug/l
 RT: 15.95 min Scan# 1476
 Delta R.T. 0.01 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument : MSVOA_D
 ClientSampled : VSTDCCC050

Tgt Ion	Resp	Lower	Upper
180	100		
182	92.1	49.3	147.8
145	31.2	16.2	48.6

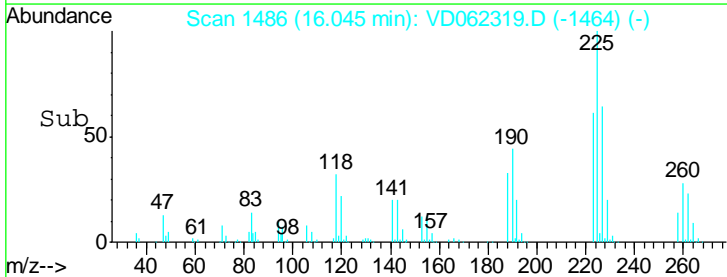
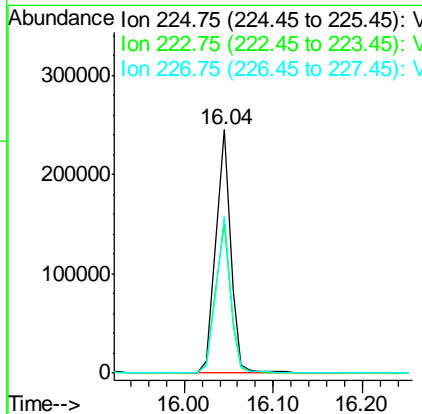
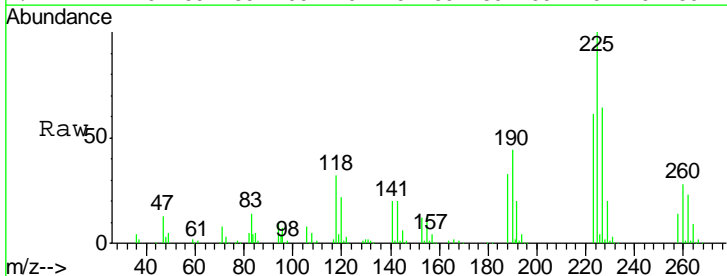
Manual Integrations
 APPROVED

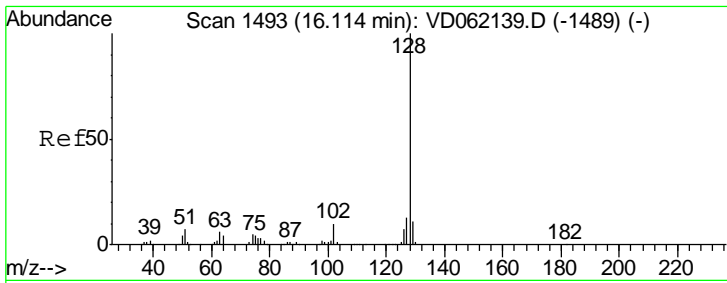
MMDadoda
 5/14/2019 9:50:46 AM



#94
 Hexachlorobutadiene
 Concen: 55.048 ug/l
 RT: 16.04 min Scan# 1486
 Delta R.T. 0.02 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

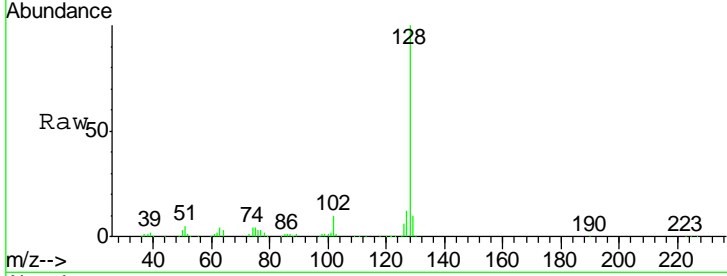
Tgt Ion	Resp	Lower	Upper
225	100		
223	61.3	30.6	92.0
227	64.4	32.0	96.2





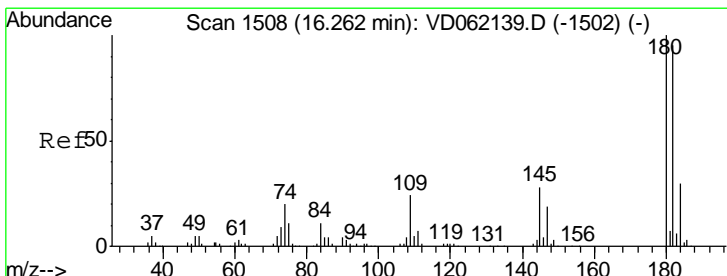
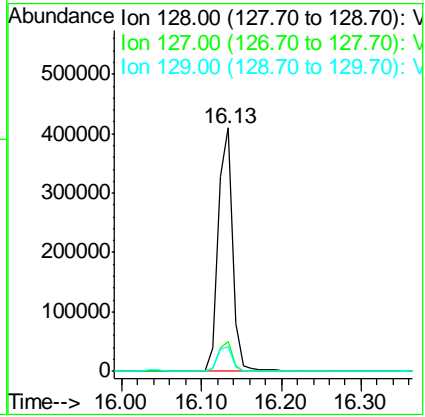
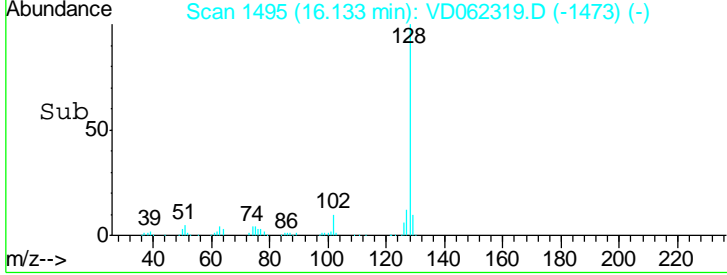
#95
 Naphthalene
 Concen: 53.424 ug/l
 RT: 16.13 min Scan# 1495
 Delta R.T. 0.02 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49

Instrument : MSVOA_D
 Client Sampled : VSTDCCC050

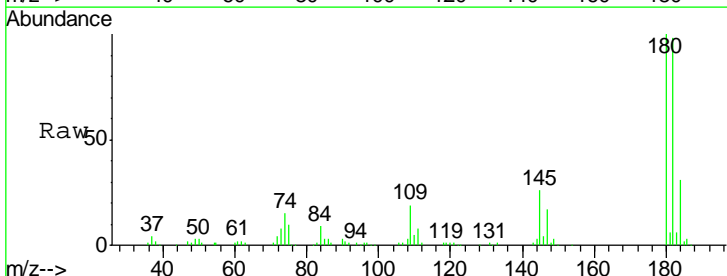


Tgt Ion	Resp	Lower	Upper
128	100		
127	12.3	9.8	14.8
129	10.3	8.8	13.2

Manual Integrations
APPROVED
 MMDadoda
 5/14/2019 9:50:46 AM



#96
 1,2,3-Trichlorobenzene
 Concen: 66.722 ug/l
 RT: 16.28 min Scan# 1510
 Delta R.T. 0.02 min
 Lab File: VD062319.D
 Acq: 13 May 2019 22:49



Tgt Ion	Resp	Lower	Upper
180	100		
182	97.9	47.0	141.0
145	26.4	17.0	51.0

