

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031320\
 Data File : VX015269.D
 Acq On : 13 Mar 2020 18:44
 Operator : JC/SP
 Sample : L1903-12MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MS

Manual Integrations
 APPROVED

MMDadoda
 3/16/2020 2:07:27 PM

Quant Time: Mar 16 09:36:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	250241	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	380150	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	355334	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	190432	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	138188	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
35) Dibromofluoromethane	5.49	113	116152	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
50) Toluene-d8	8.71	98	444118	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
62) 4-Bromofluorobenzene	11.13	95	164427	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	94382	43.072	ug/l	99
3) Chloromethane	1.32	50	123177	39.683	ug/l	99
4) Vinyl Chloride	1.40	62	126524	40.199	ug/l	96
5) Bromomethane	1.64	94	77278	39.936	ug/l	93
6) Chloroethane	1.72	64	78023	41.324	ug/l	100
7) Trichlorofluoromethane	1.92	101	164915	44.035	ug/l	98
8) Diethyl Ether	2.18	74	72905	42.979	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	115789	49.141	ug/l	97
10) Methyl Iodide	2.50	142	103353	38.824	ug/l	99
11) Tert butyl alcohol	3.05	59	132658	257.547	ug/l	99
12) 1,1-Dichloroethene	2.37	96	109793	45.149	ug/l	96
13) Acrolein	2.29	56	123082	254.272	ug/l	100
14) Allyl chloride	2.72	41	207470	48.930	ug/l	93
15) Acrylonitrile	3.13	53	344232	268.352	ug/l	99
16) Acetone	2.44	43	275911	229.485	ug/l	98
17) Carbon Disulfide	2.56	76	281854	41.736	ug/l	100
18) Methyl Acetate	2.76	43	155009	52.727	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	372772	49.055	ug/l	97
20) Methylene Chloride	2.85	84	126357	44.907	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	119066	45.855	ug/l	99
22) Diisopropyl ether	3.84	45	429380	50.827	ug/l	99
23) Vinyl Acetate	3.81	43	1803020	259.644	ug/l	99
24) 1,1-Dichloroethane	3.69	63	226233	48.252	ug/l	100
25) 2-Butanone	4.66	43	472831	268.628	ug/l	100
26) 2,2-Dichloropropane	4.58	77	148704	39.952	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	151129	51.880	ug/l	98
28) Bromochloromethane	5.01	49	107367	50.289	ug/l	96
29) Tetrahydrofuran	5.12	42	315281	277.872	ug/l	97
30) Chloroform	5.20	83	222573	48.705	ug/l	96
31) Cyclohexane	5.58	56	197269	47.170	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	180505	47.650	ug/l	99
36) 1,1-Dichloropropene	5.79	75	161073	45.833	ug/l	98
37) Ethyl Acetate	4.82	43	184845	56.702	ug/l	99
38) Carbon Tetrachloride	5.78	117	156061	47.045	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031320\
 Data File : VX015269.D
 Acq On : 13 Mar 2020 18:44
 Operator : JC/SP
 Sample : L1903-12MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MS

Manual Integrations
 APPROVED

MMDadoda
 3/16/2020 2:07:27 PM

Quant Time: Mar 16 09:36:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	191613	46.694	ug/l	97
40) Benzene	6.14	78	502166	48.162	ug/l	99
41) Methacrylonitrile	5.03	41	106015	54.142	ug/l	96
42) 1,2-Dichloroethane	6.18	62	169471	47.330	ug/l	99
43) Isopropyl Acetate	6.43	43	299238	52.179	ug/l	99
44) Trichloroethene	7.21	130	753563	259.516	ug/l	98
45) 1,2-Dichloropropane	7.51	63	133330	49.404	ug/l	99
46) Dibromomethane	7.65	93	84809	48.228	ug/l	97
47) Bromodichloromethane	7.89	83	169105	48.629	ug/l	99
48) Methyl methacrylate	7.76	41	150042	51.405	ug/l	97
49) 1,4-Dioxane	7.75	88	67768	1073.842	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	930693	274.480	ug/l	100
52) Toluene	8.78	92	311362	48.840	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	182817	49.392	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	201295	48.106	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	131340	50.054	ug/l	99
56) Ethyl methacrylate	9.17	69	203105	54.266	ug/l	96
57) 1,3-Dichloropropane	9.37	76	216360	49.011	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	492135	241.364	ug/l	100
59) 2-Hexanone	9.48	43	697507	277.540	ug/l	98
60) Dibromochloromethane	9.58	129	137983	50.059	ug/l	99
61) 1,2-Dibromoethane	9.67	107	132817	48.190	ug/l	99
64) Tetrachloroethene	9.33	164	187024	63.658	ug/l	98
65) Chlorobenzene	10.14	112	335682	47.055	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	127913	47.552	ug/l	98
67) Ethyl Benzene	10.25	91	585750	48.353	ug/l	99
68) m/p-Xylenes	10.35	106	451822	98.032	ug/l	100
69) o-Xylene	10.70	106	215802	48.904	ug/l	100
70) Styrene	10.71	104	385292	50.923	ug/l	99
71) Bromoform	10.85	173	108416	51.973	ug/l #	98
73) Isopropylbenzene	11.01	105	580166	47.692	ug/l	100
74) N-amyl acetate	10.89	43	257432	50.214	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	187730	46.306	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	156964m	41.322	ug/l	
77) Bromobenzene	11.25	156	154787	45.657	ug/l	98
78) n-propylbenzene	11.35	91	672598	48.395	ug/l	100
79) 2-Chlorotoluene	11.42	91	388978	46.866	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	476755	47.078	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	62991	47.063	ug/l	96
82) 4-Chlorotoluene	11.51	91	452477	46.144	ug/l	100
83) tert-Butylbenzene	11.76	119	461528	47.134	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	497645	48.916	ug/l	100
85) sec-Butylbenzene	11.94	105	570697	48.280	ug/l	100
86) p-Isopropyltoluene	12.06	119	529673	48.636	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	277788	46.610	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	278688	45.293	ug/l	99
89) n-Butylbenzene	12.39	91	462609	47.760	ug/l	100
90) Hexachloroethane	12.59	117	93250	45.292	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	273112	46.092	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	40384	49.745	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031320\
Data File : VX015269.D
Acq On : 13 Mar 2020 18:44
Operator : JC/SP
Sample : L1903-12MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

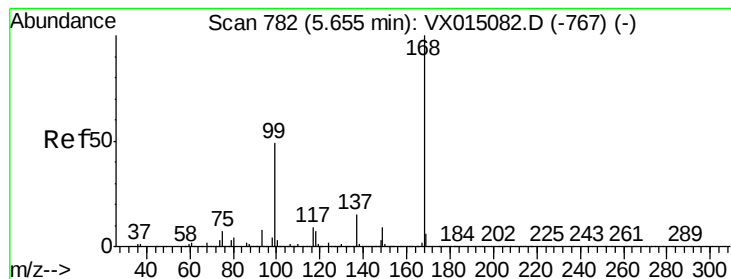
Manual Integrations
APPROVED

MMDadoda
3/16/2020 2:07:27 PM

Quant Time: Mar 16 09:36:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 04 14:19:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	198687	48.307	ug/l	100
94) Hexachlorobutadiene	13.78	225	94627	44.835	ug/l	97
95) Naphthalene	13.83	128	581876	46.271	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	200978	48.975	ug/l	99

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



#1

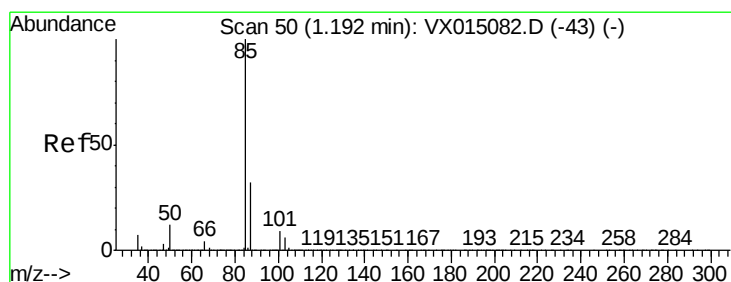
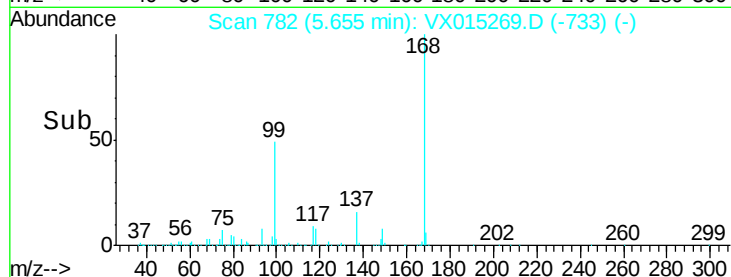
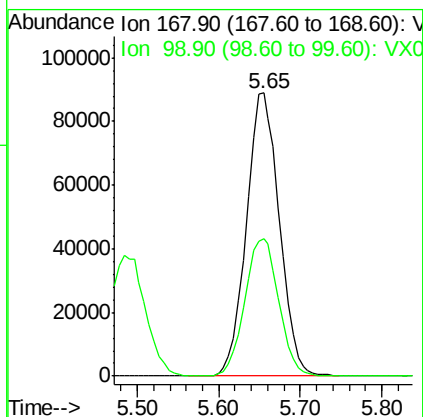
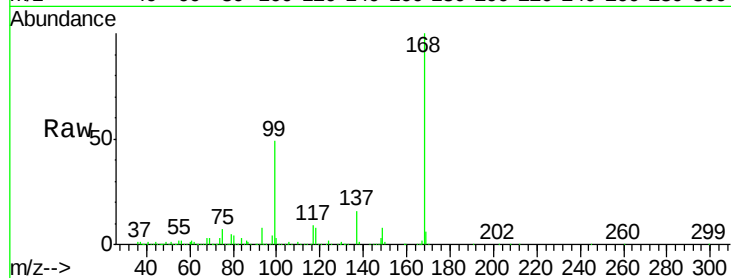
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 782
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	250241		
99	48.5	39.4	59.2	

Manual Integrations
APPROVED

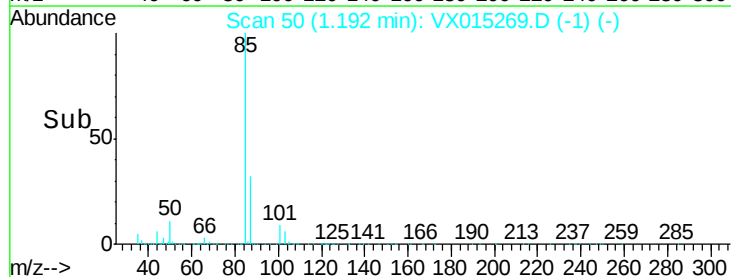
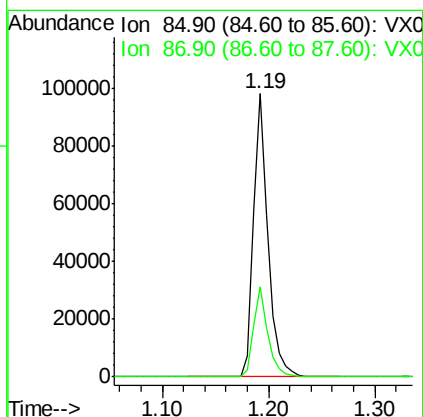
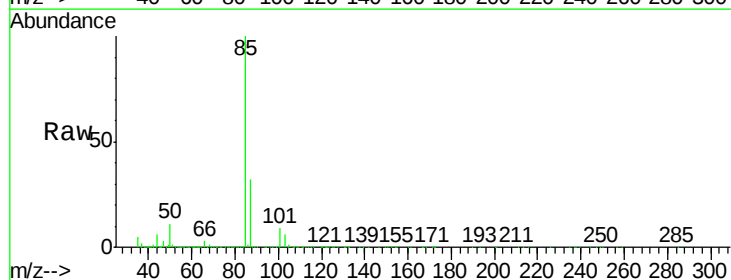
MMDadoda
3/16/2020 2:07:27 PM

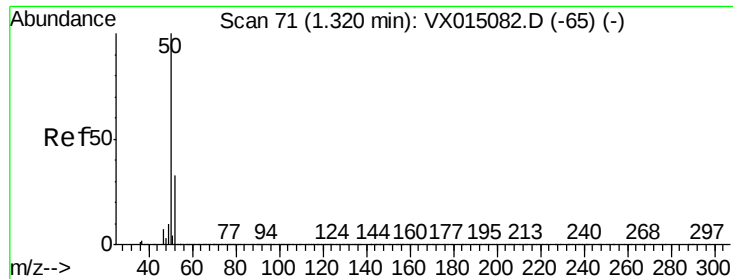


#2

Dichlorodifluoromethane
Concen: 43.072 ug/l
RT: 1.19 min Scan# 50
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	94382		
87	31.5	16.2	48.5	





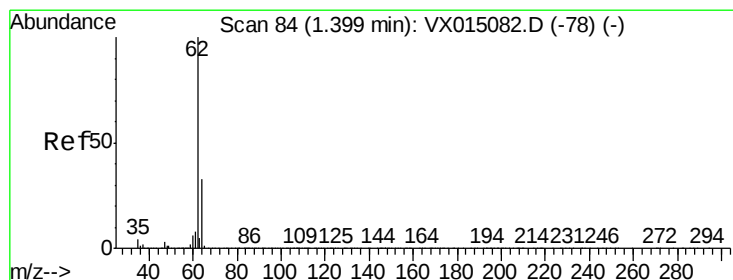
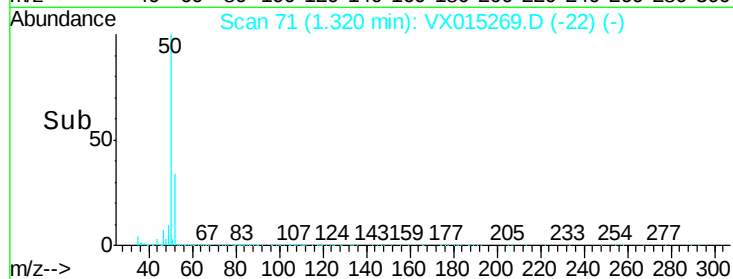
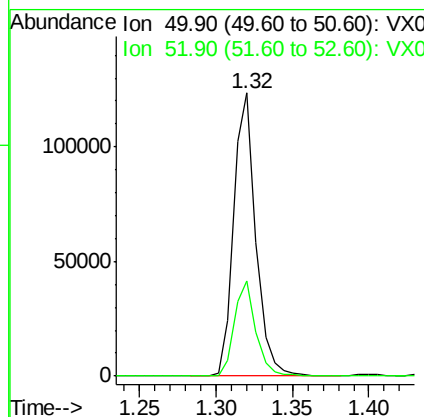
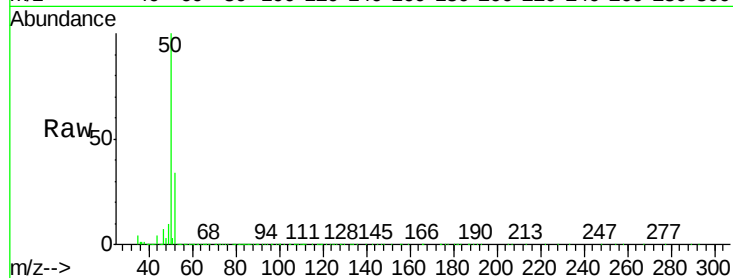
#3
Chloromethane
Concen: 39.683 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

Tot Ion	Ratio	Lower	Upper
50	100		
52	33.5	26.2	39.2

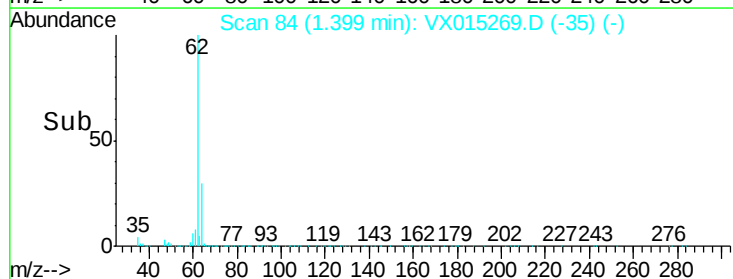
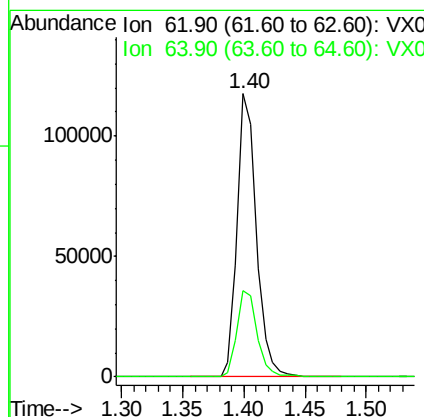
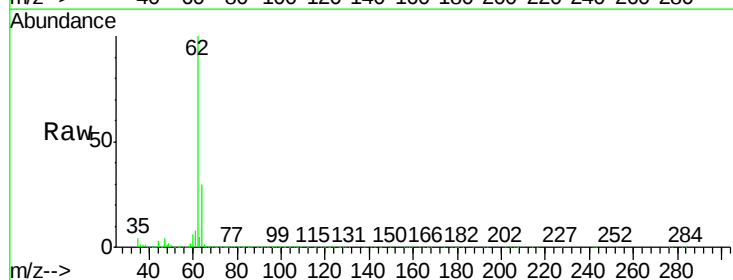
Manual Integrations
APPROVED

MMDadoda
3/16/2020 2:07:27 PM



#4
Vinyl Chloride
Concen: 40.199 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Tgt Ion	Ratio	Lower	Upper
62	100		
64	30.3	26.1	39.1





#5

Bromomethane

Concen: 39.936 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MS

Tot Ion: 94 Resp: 77278

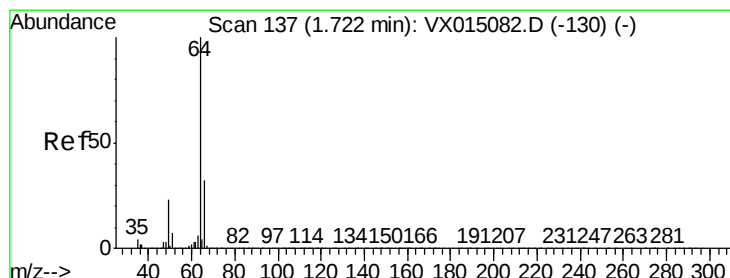
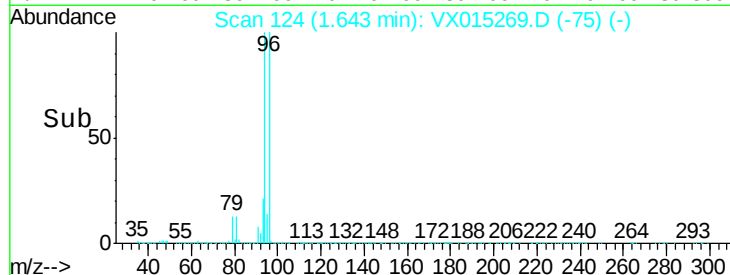
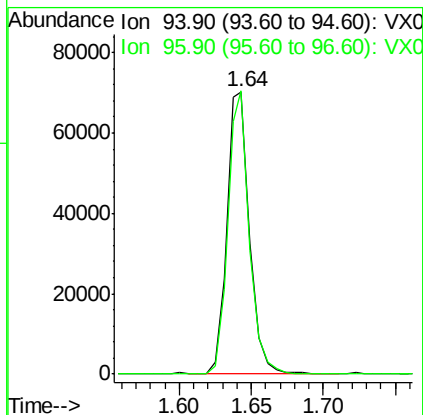
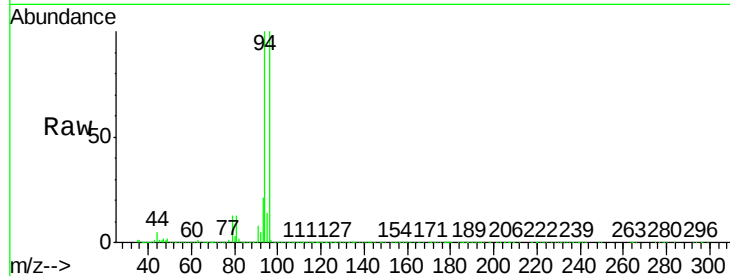
Ion Ratio Lower Upper

94 100

96 100.2 74.6 111.8

Manual Integrations
APPROVED

MMDadoda
3/16/2020 2:07:27 PM



#6

Chloroethane

Concen: 41.324 ug/l

RT: 1.72 min Scan# 136

Delta R.T. -0.01 min

Lab File: VX015269.D

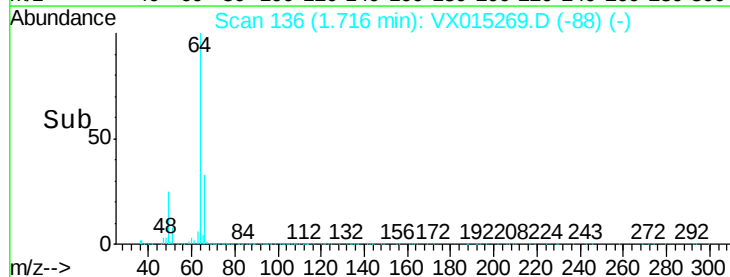
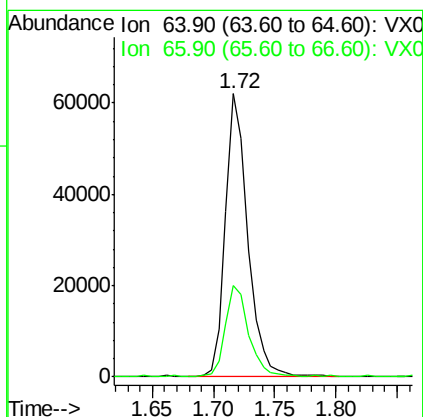
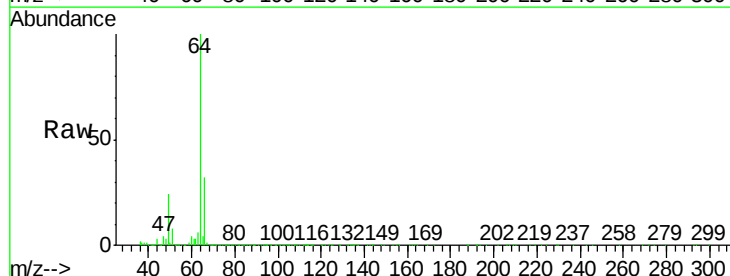
Acq: 13 Mar 2020 18:44

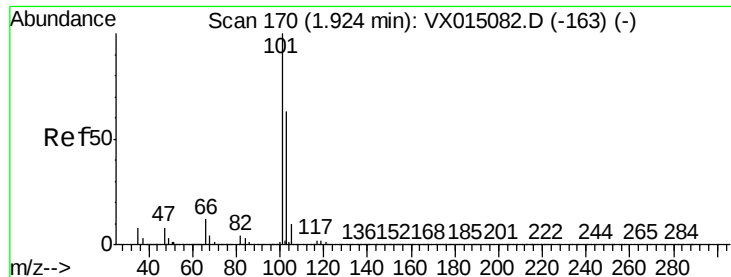
Tgt Ion: 64 Resp: 78023

Ion Ratio Lower Upper

64 100

66 32.1 25.8 38.8





#7

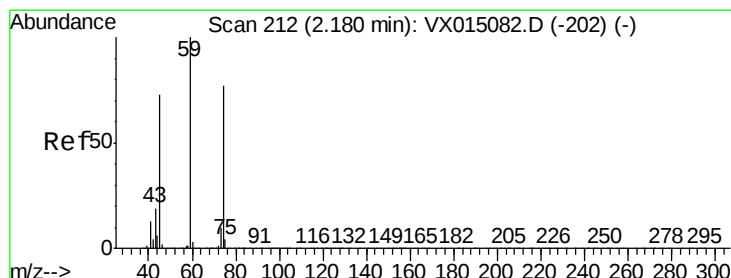
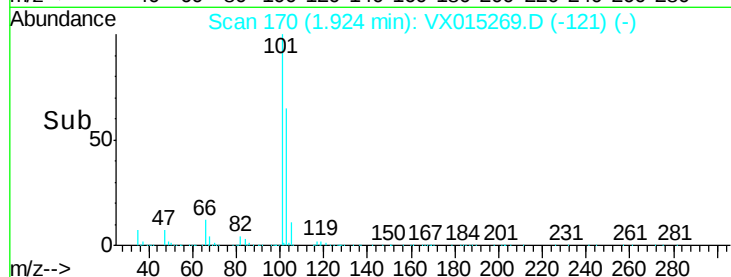
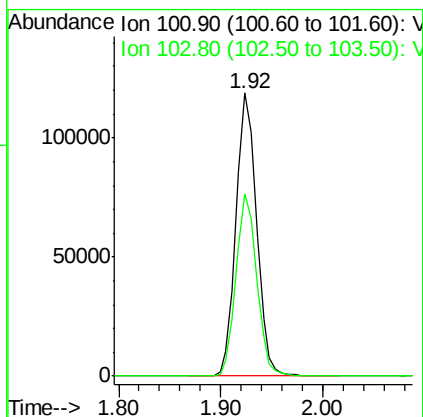
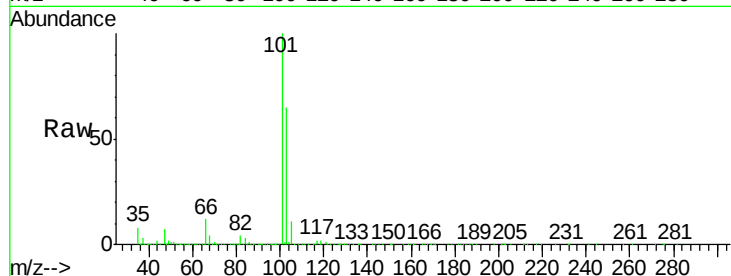
Trichlorofluoromethane
Concen: 44.035 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	50.4	75.6

Manual Integrations
APPROVED

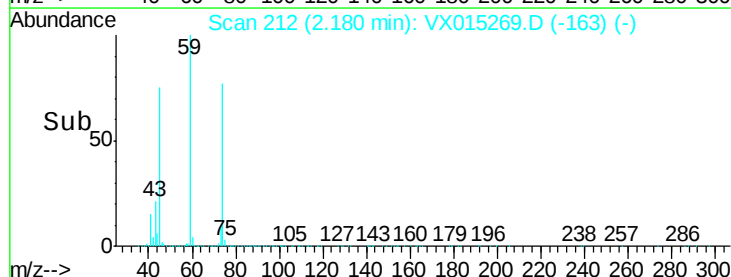
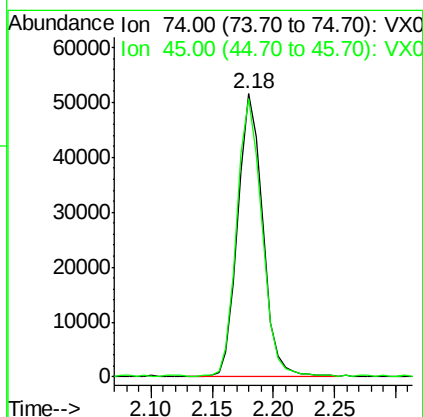
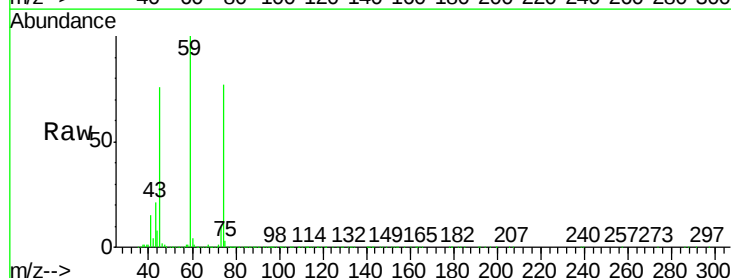
MMDadoda
3/16/2020 2:07:27 PM

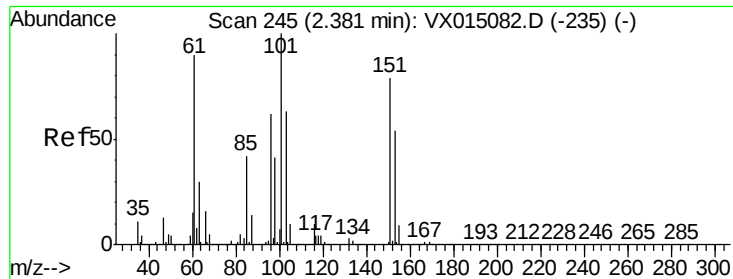


#8

Diethyl Ether
Concen: 42.979 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.5	49.2	147.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.141 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

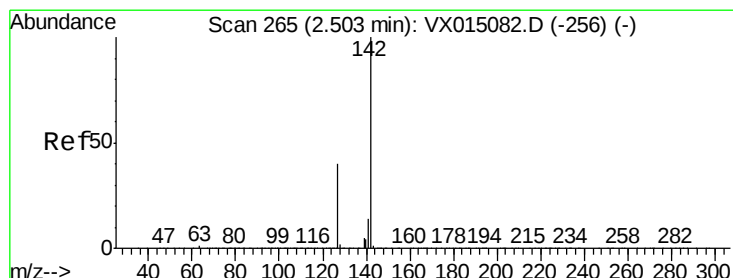
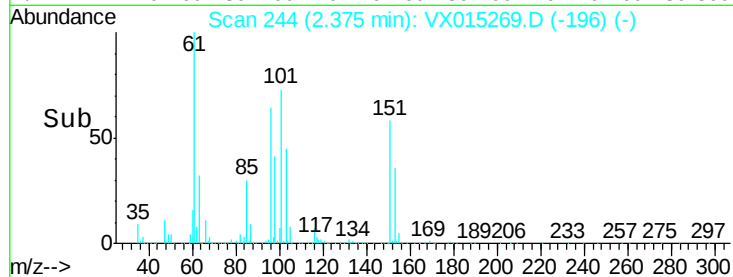
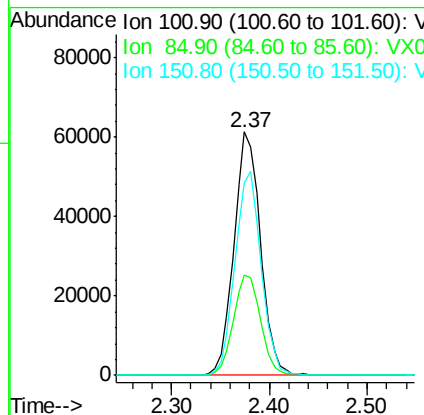
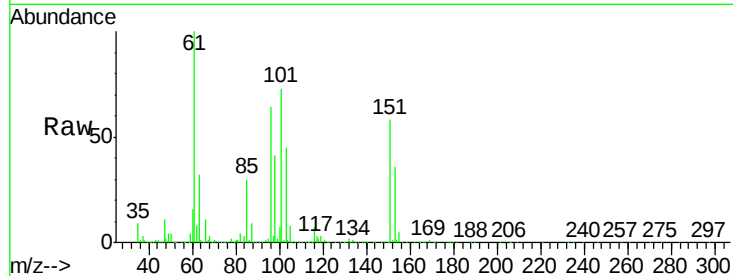
ClientSampleId :

RE131D1-20200309MS

Tot Ion:	101	Resp:	115789
Ion Ratio	Lower	Upper	
101	100		
85	41.7	33.7	50.5
151	83.1	64.0	96.0

Manual Integrations
APPROVED

MMDadoda
3/16/2020 2:07:27 PM



#10

Methyl Iodide

Concen: 38.824 ug/l

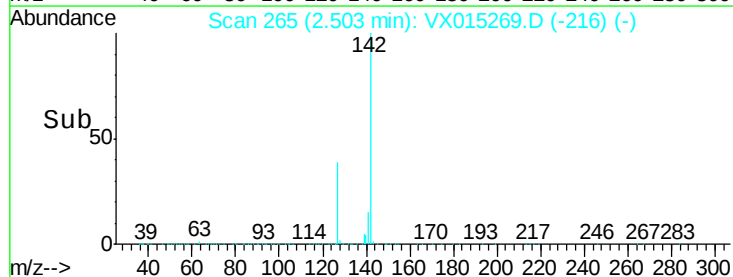
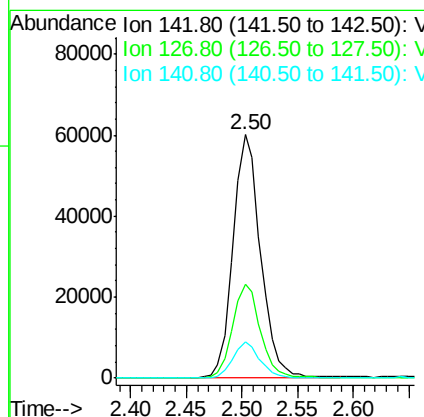
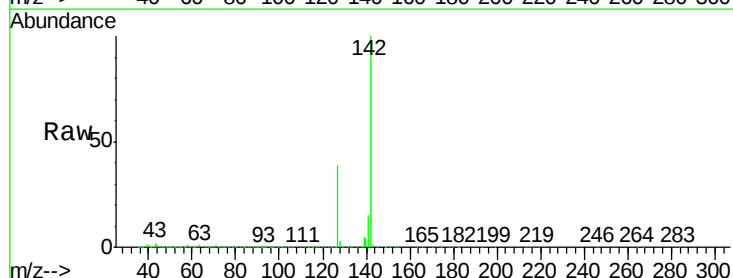
RT: 2.50 min Scan# 265

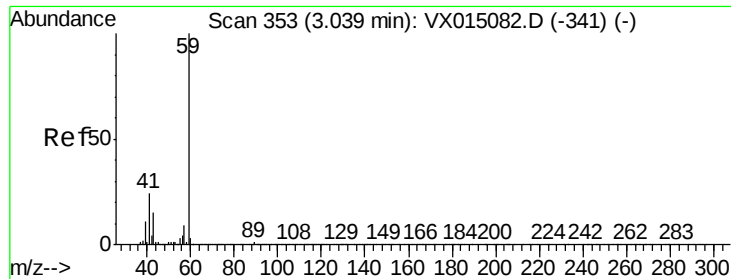
Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Tgt Ion:	142	Resp:	103353
Ion Ratio	Lower	Upper	
142	100		
127	39.2	31.7	47.5
141	14.8	11.3	16.9





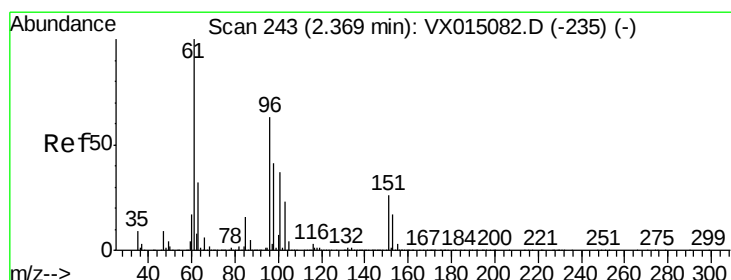
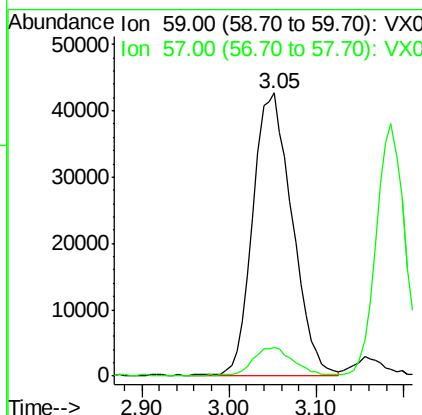
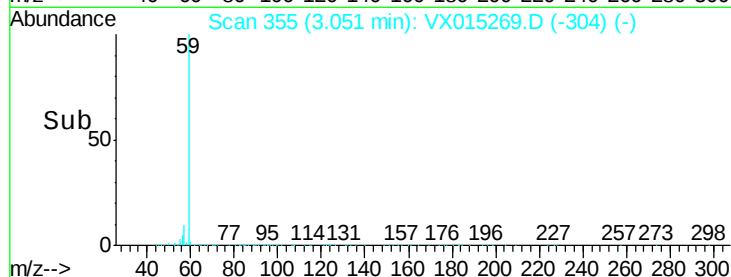
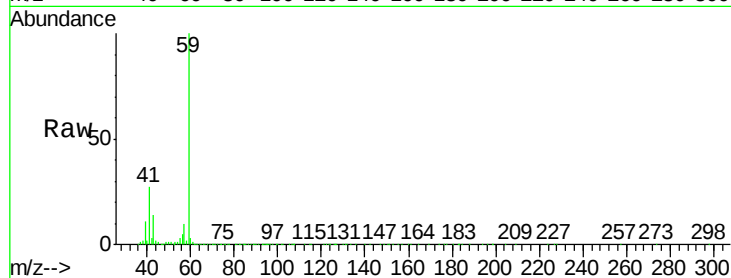
#11
Tert butyl alcohol
Concen: 257.547 ug/l
RT: 3.05 min Scan# 355
Delta R.T. 0.01 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

Tot Ion: 59 Resp: 132658
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

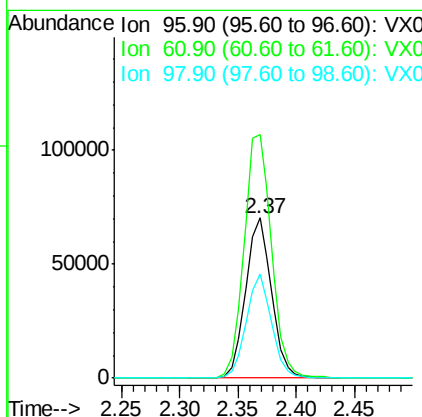
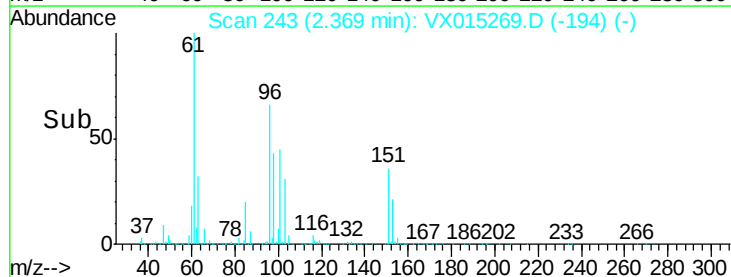
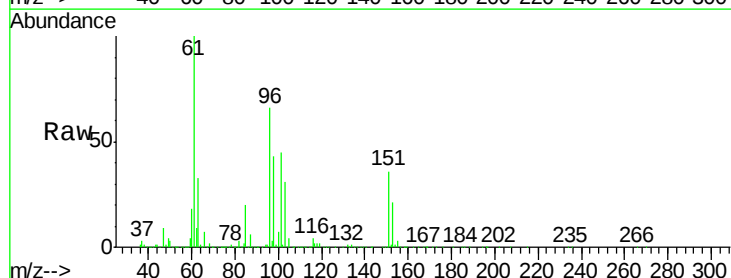
Manual Integrations
APPROVED

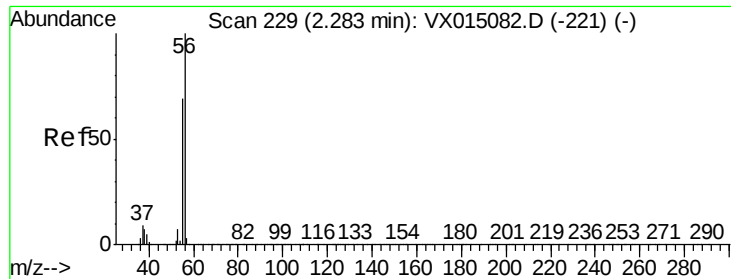
MMDadoda
3/16/2020 2:07:27 PM



#12
1,1-Dichloroethene
Concen: 45.149 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Tgt Ion: 96 Resp: 109793
Ion Ratio Lower Upper
96 100
61 152.0 126.2 189.4
98 65.4 51.4 77.0





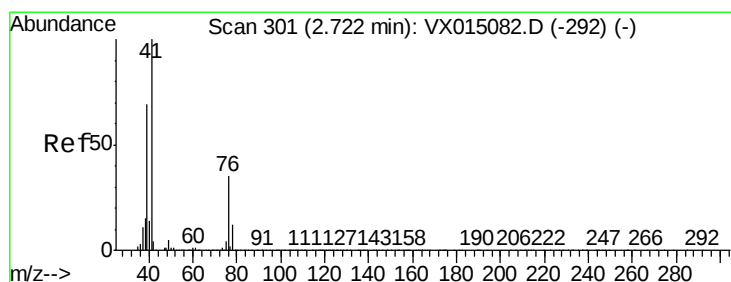
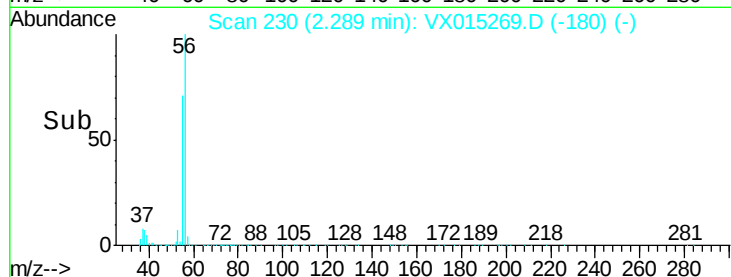
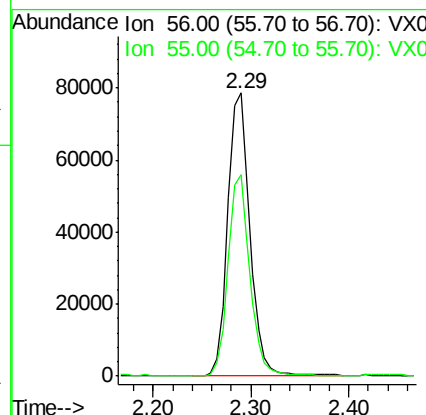
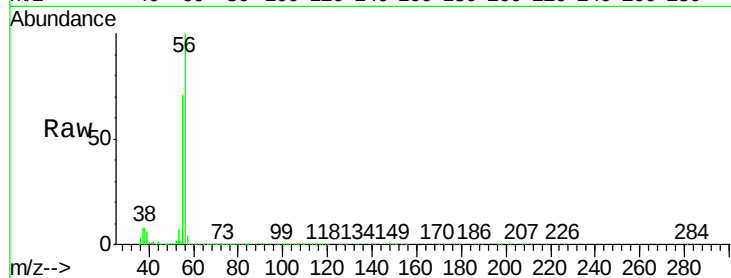
#13
Acrolein
Concen: 254.272 ug/l
RT: 2.29 min Scan# 230
Delta R.T. 0.01 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.5	55.4	83.0

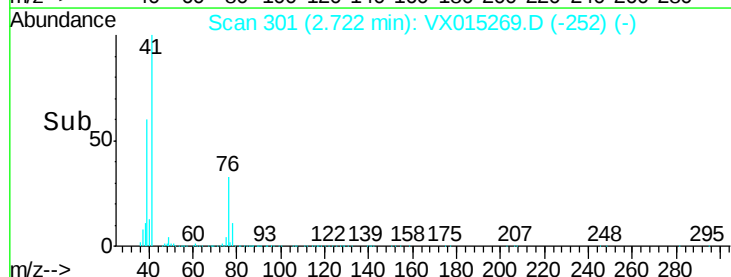
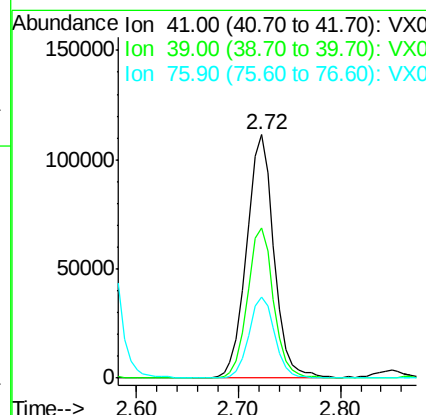
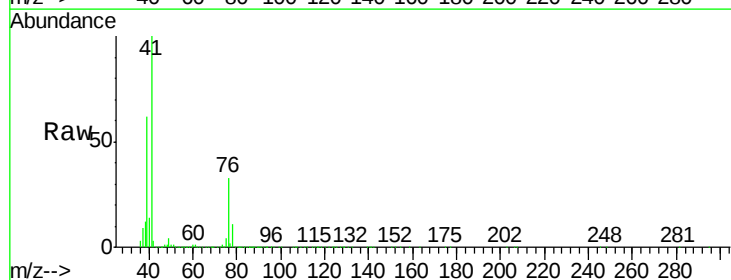
Manual Integrations
APPROVED

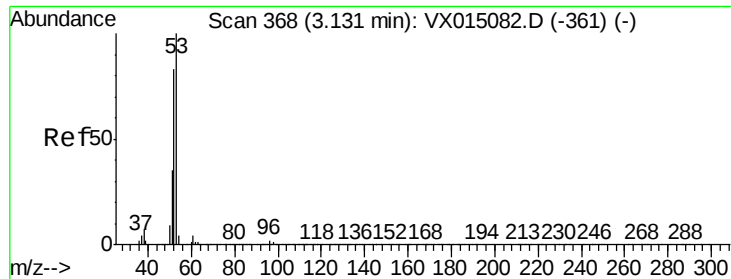
MMDadoda
3/16/2020 2:07:27 PM



#14
Allyl chloride
Concen: 48.930 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Tgt Ion	Ratio	Lower	Upper
41	100		
39	58.8	52.9	79.3
76	31.1	26.8	40.2





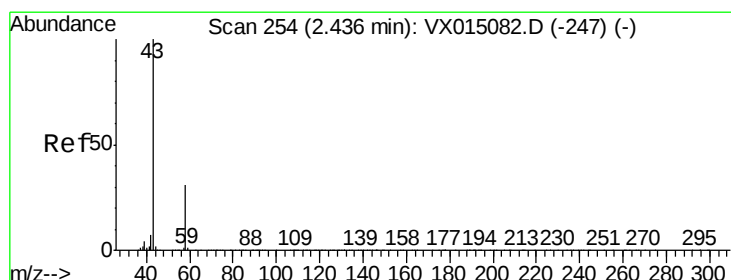
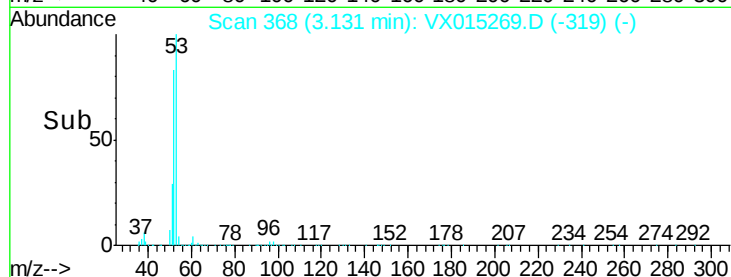
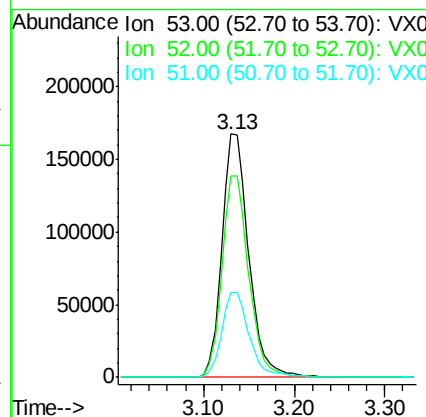
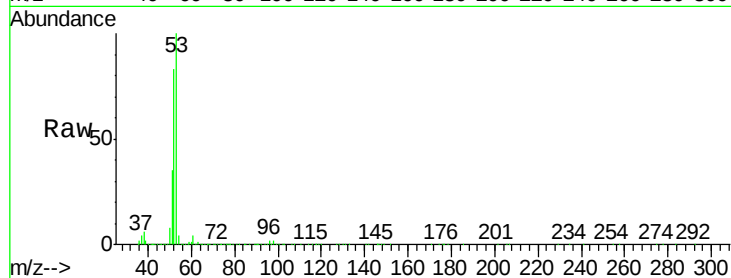
#15
 Acrylonitrile
 Concen: 268.352 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX015269.D
 Acq: 13 Mar 2020 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MS

Tot Ion:	53	Resp:	344232
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.6	100.0
51	35.6	29.0	43.6

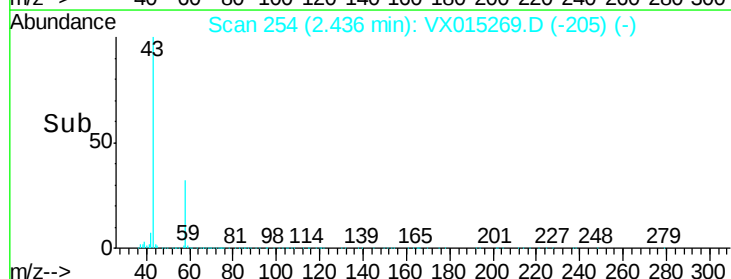
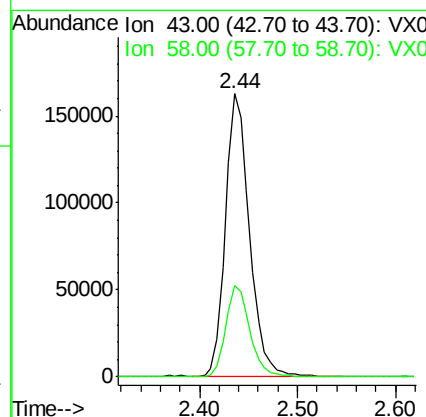
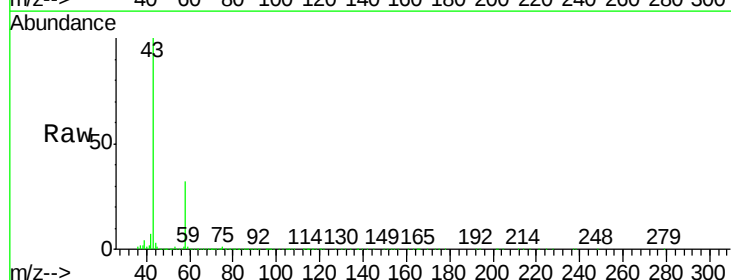
Manual Integrations
 APPROVED

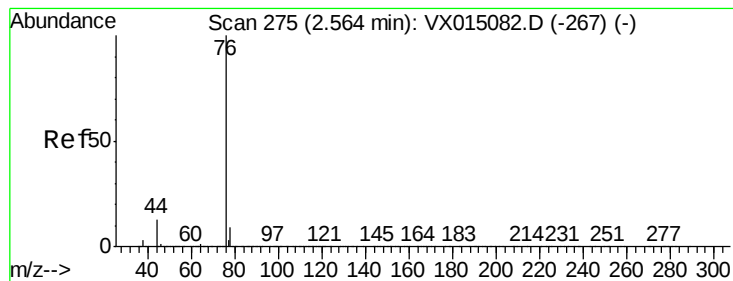
MMDadoda
 3/16/2020 2:07:27 PM



#16
 Acetone
 Concen: 229.485 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VX015269.D
 Acq: 13 Mar 2020 18:44

Tgt Ion:	43	Resp:	275911
Ion Ratio	Lower	Upper	
43	100		
58	32.0	24.8	37.2





#17

Carbon Disulfide

Concen: 41.736 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MS

Tot Ion: 76 Resp: 281854

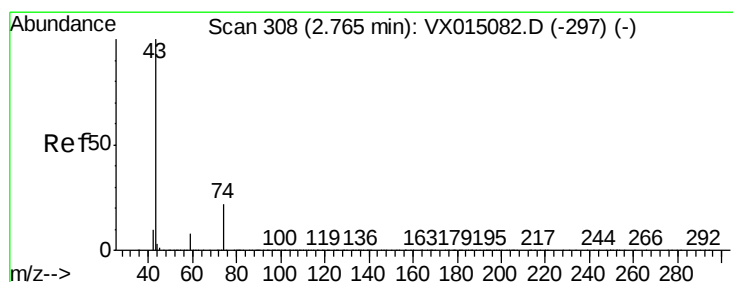
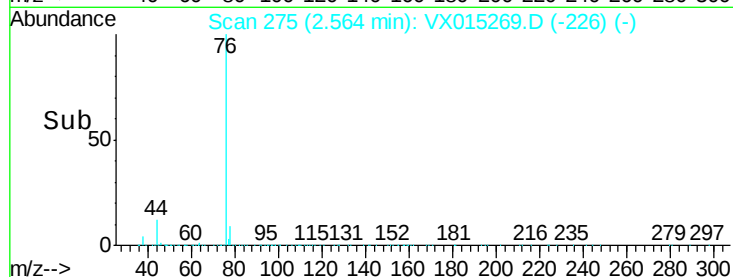
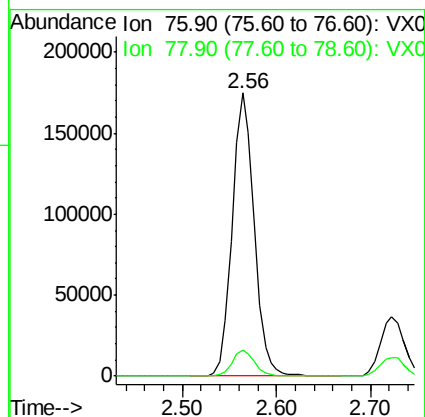
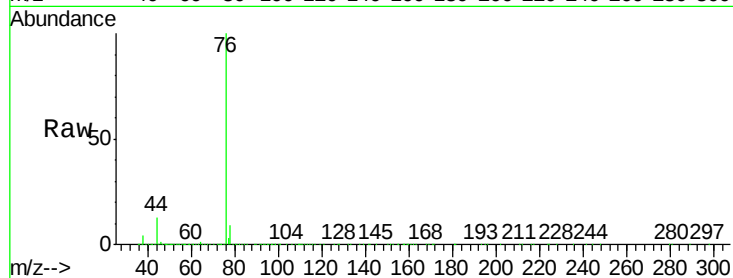
Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

Manual Integrations
APPROVED

MMDadoda
3/16/2020 2:07:27 PM



#18

Methyl Acetate

Concen: 52.727 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX015269.D

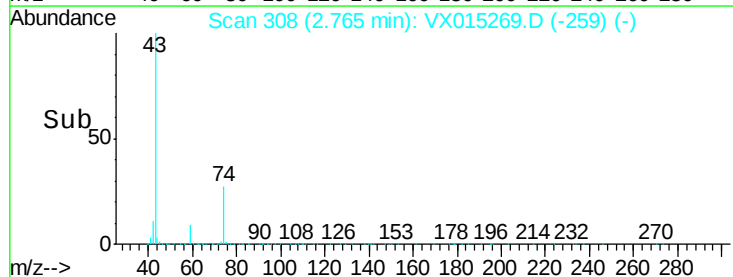
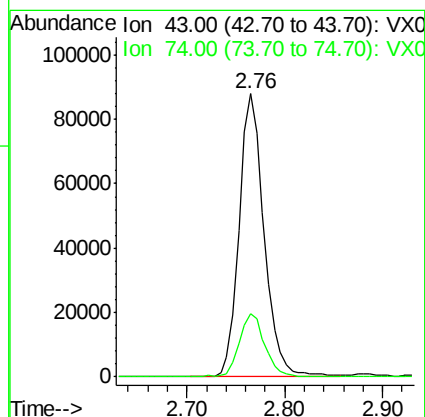
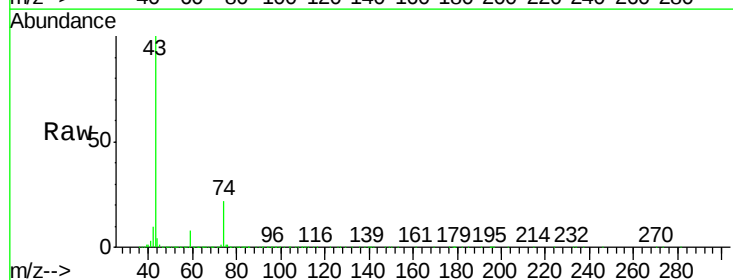
Acq: 13 Mar 2020 18:44

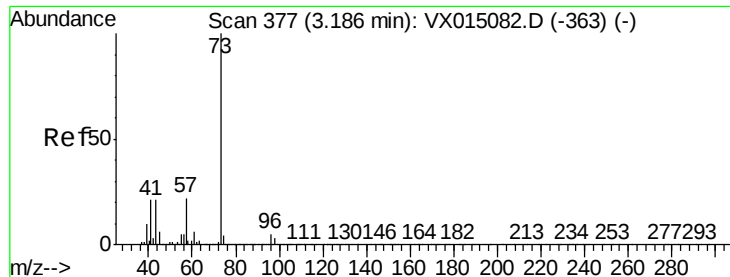
Tgt Ion: 43 Resp: 155009

Ion Ratio Lower Upper

43 100

74 23.3 18.8 28.2





#19

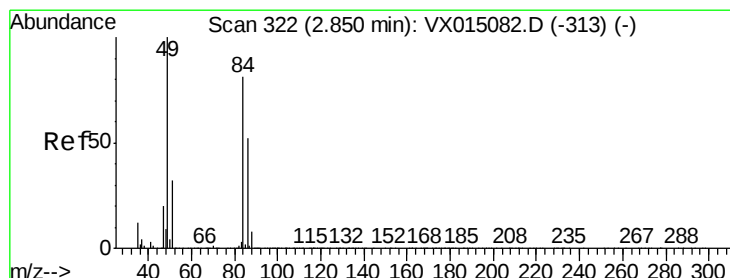
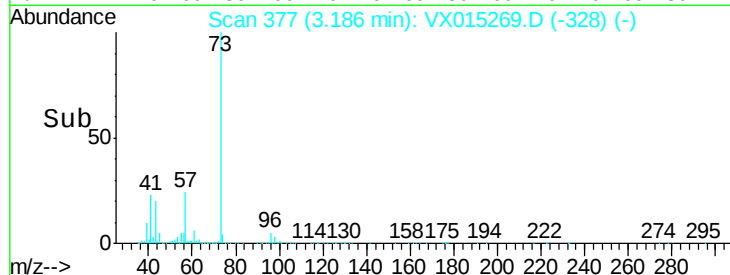
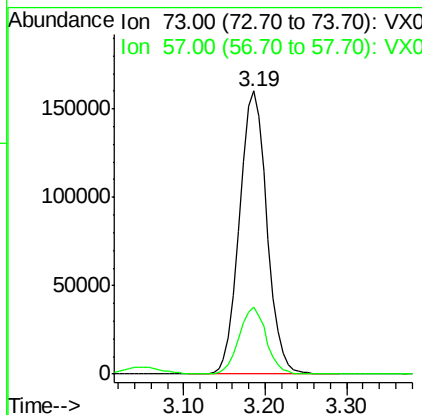
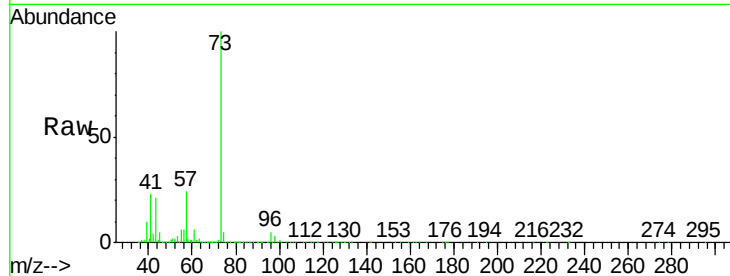
Methyl tert-butyl Ether
 Concen: 49.055 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. 0.00 min
 Lab File: VX015269.D
 Acq: 13 Mar 2020 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MS

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.7	17.8	26.6

Manual Integrations
 APPROVED

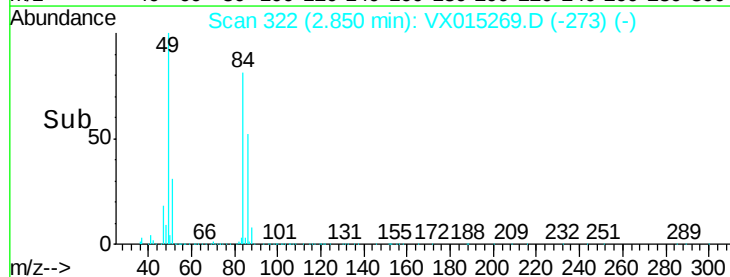
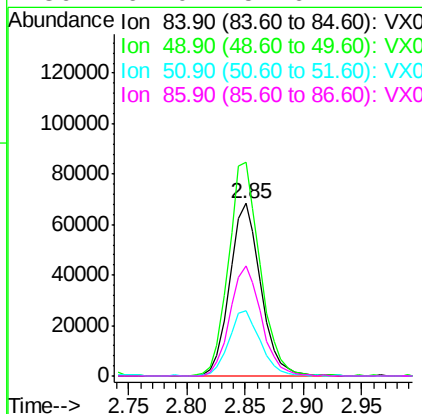
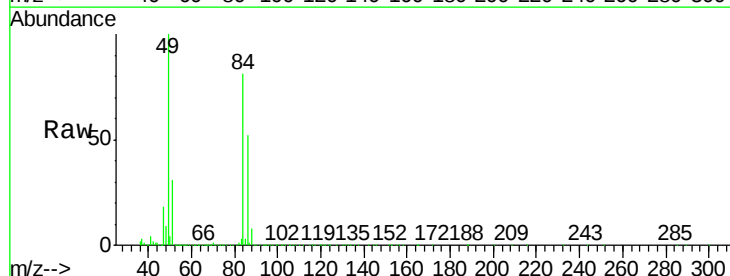
MMDadoda
 3/16/2020 2:07:27 PM

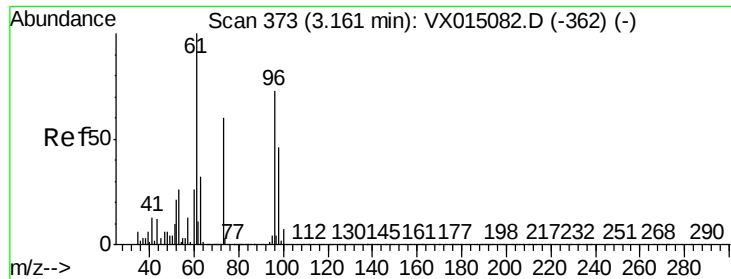


#20

Methylene Chloride
 Concen: 44.907 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. 0.00 min
 Lab File: VX015269.D
 Acq: 13 Mar 2020 18:44

Tgt Ion	Ratio	Lower	Upper
84	100		
49	123.7	99.4	149.2
51	38.0	31.5	47.3
86	64.0	51.6	77.4





#21

trans-1,2-Dichloroethene

Concen: 45.855 ug/l

RT: 3.16 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

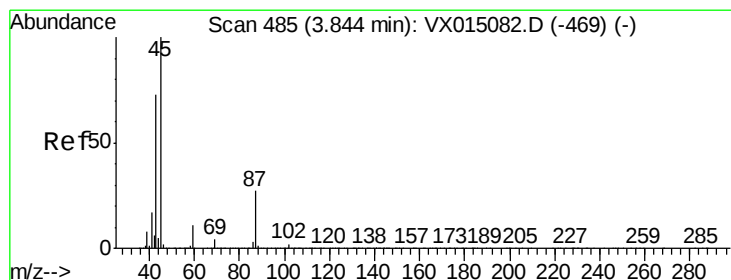
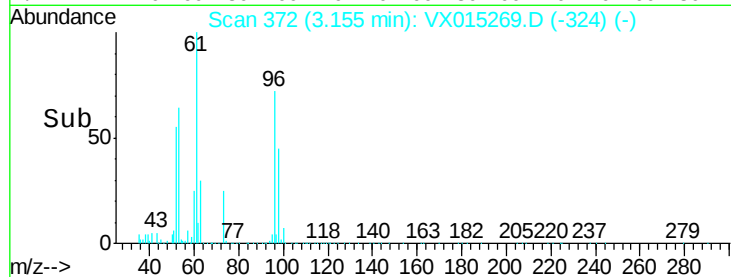
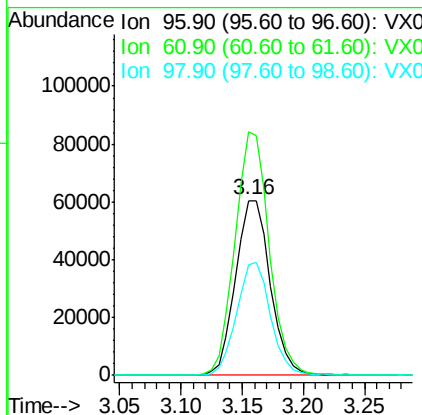
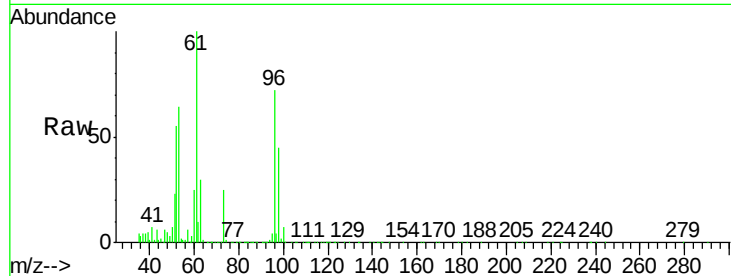
ClientSampleId :

RE131D1-20200309MS

Tot Ion:	96	Resp:	119066
Ion	Ratio	Lower	Upper
96	100		
61	138.8	109.9	164.9
98	62.7	50.2	75.2

Manual Integrations
APPROVED

MMDadoda
3/16/2020 2:07:27 PM



#22

Diisopropyl ether

Concen: 50.827 ug/l

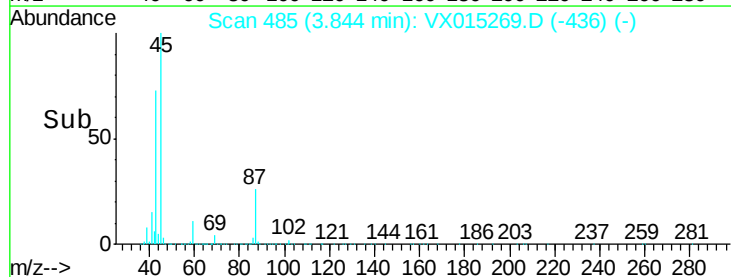
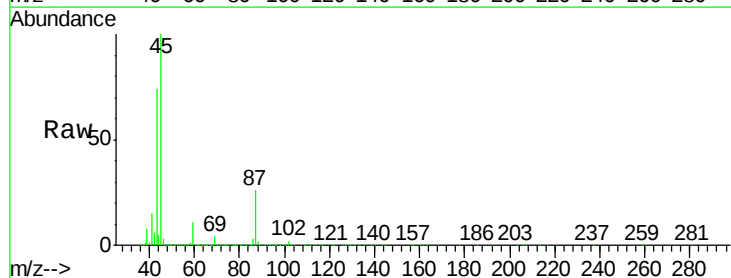
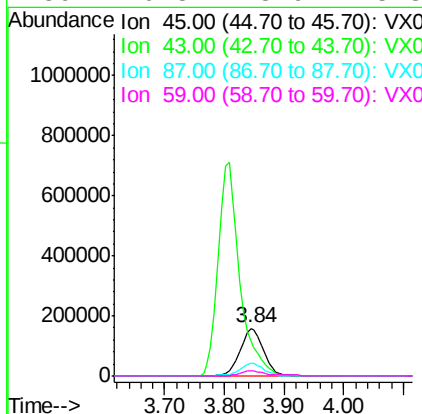
RT: 3.84 min Scan# 485

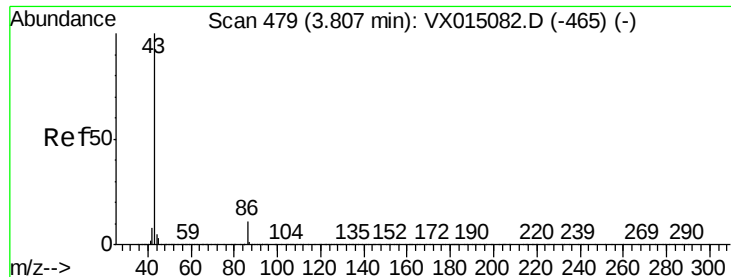
Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Tgt Ion:	45	Resp:	429380
Ion	Ratio	Lower	Upper
45	100		
43	73.6	58.2	87.2
87	25.9	21.2	31.8
59	10.8	8.9	13.3





#23

Vinyl Acetate

Concen: 259.644 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Tot Ion: 43 Resp: 1803020

Ion Ratio Lower Upper

43 100

86 10.3 8.6 12.8

Instrument :

MSVOA_X

ClientSampleId :

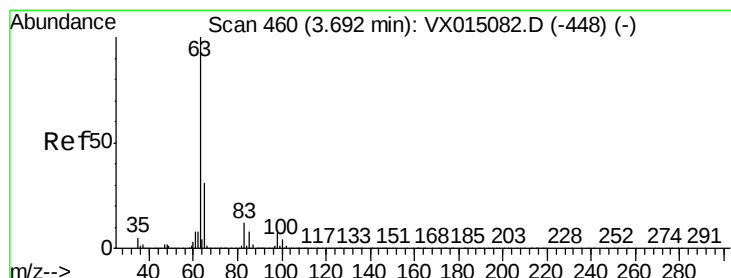
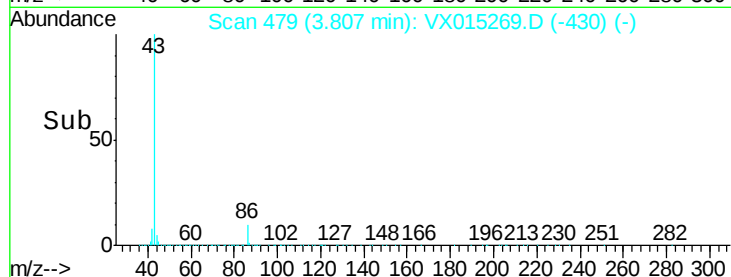
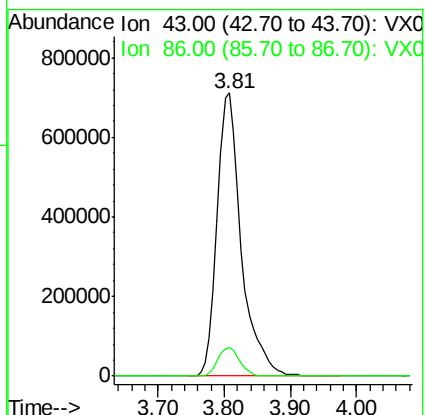
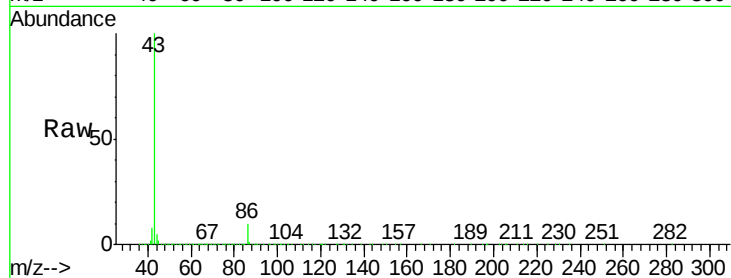
RE131D1-20200309MS

Manual Integrations

APPROVED

MMDadoda

3/16/2020 2:07:27 PM



#24

1,1-Dichloroethane

Concen: 48.252 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

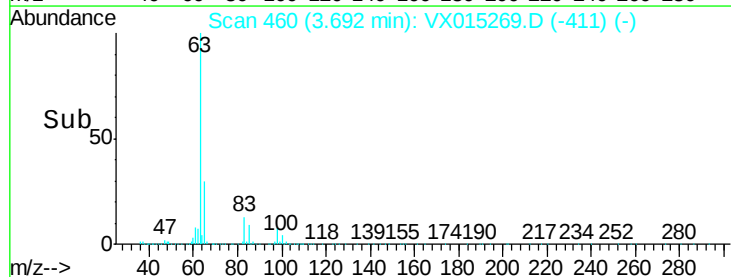
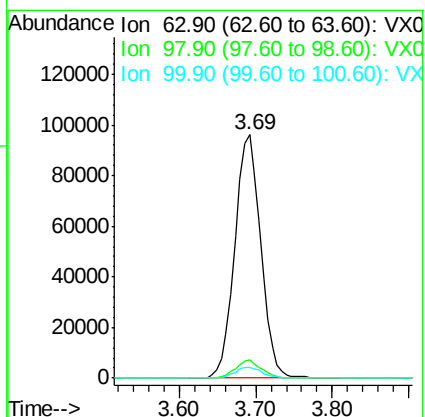
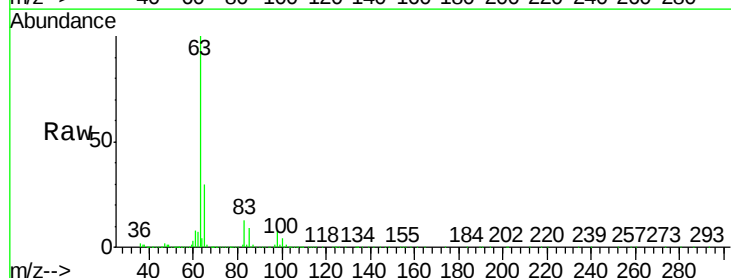
Tgt Ion: 63 Resp: 226233

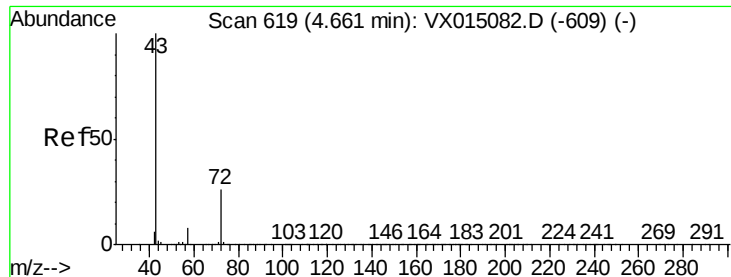
Ion Ratio Lower Upper

63 100

98 7.5 3.7 11.1

100 4.2 2.1 6.5





#25

2-Butanone

Concen: 268.628 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Tot Ion: 43 Resp: 472831

Ion Ratio Lower Upper

43 100

72 25.5 20.6 30.8

Instrument :

MSVOA_X

ClientSampleId :

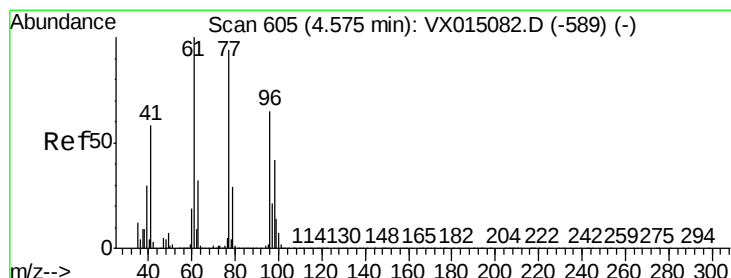
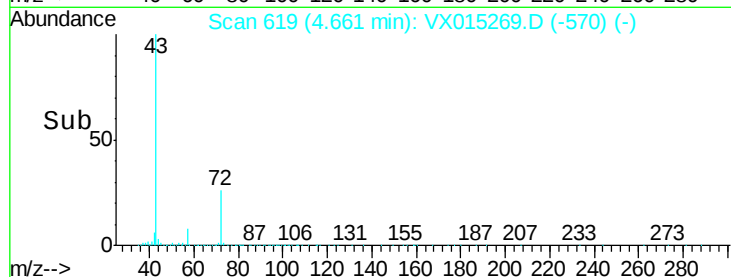
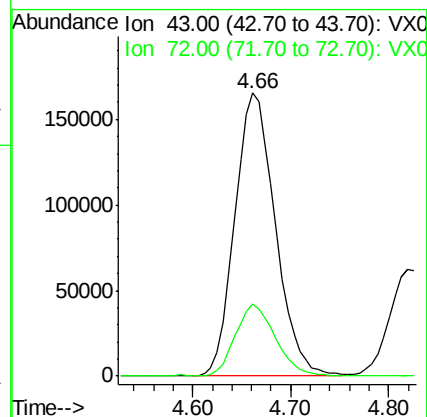
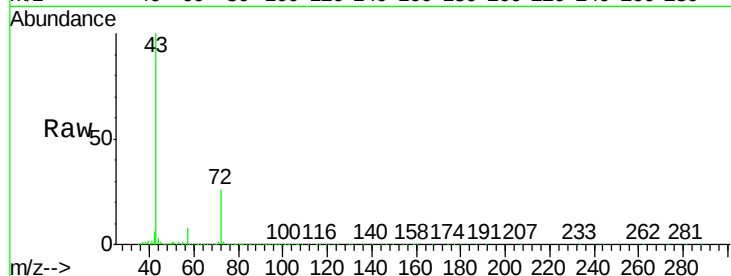
RE131D1-20200309MS

Manual Integrations

APPROVED

MMDadoda

3/16/2020 2:07:27 PM



#26

2,2-Dichloropropane

Concen: 39.952 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX015269.D

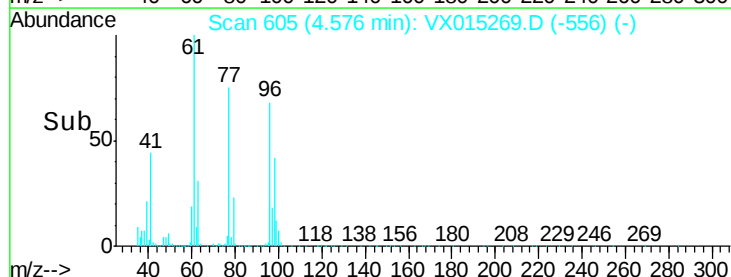
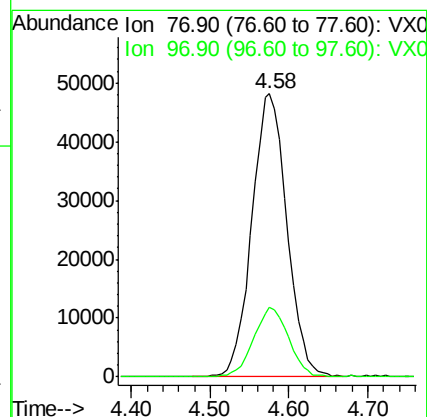
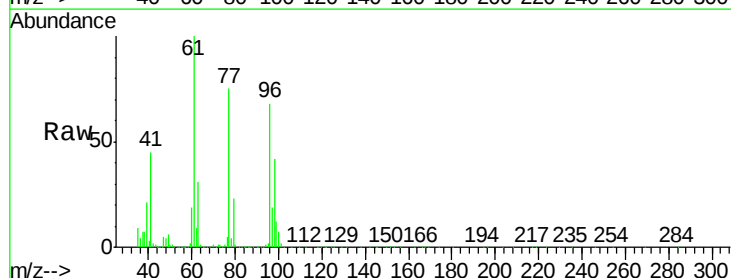
Acq: 13 Mar 2020 18:44

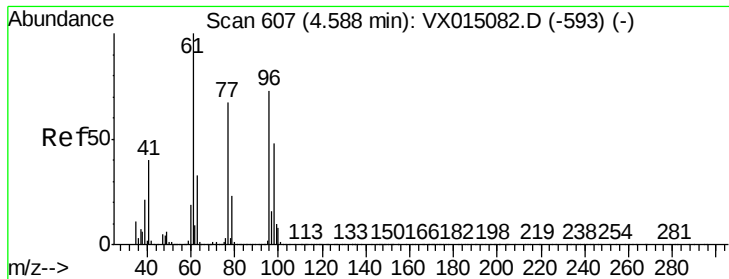
Tgt Ion: 77 Resp: 148704

Ion Ratio Lower Upper

77 100

97 24.9 11.8 35.4





#27

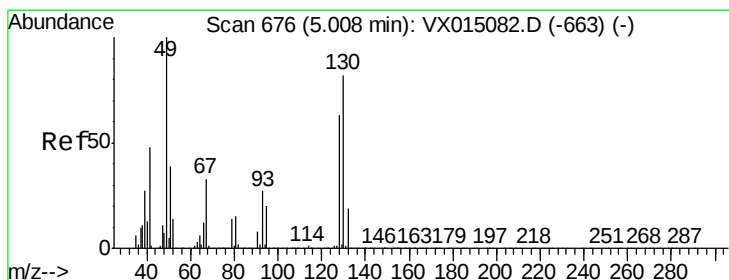
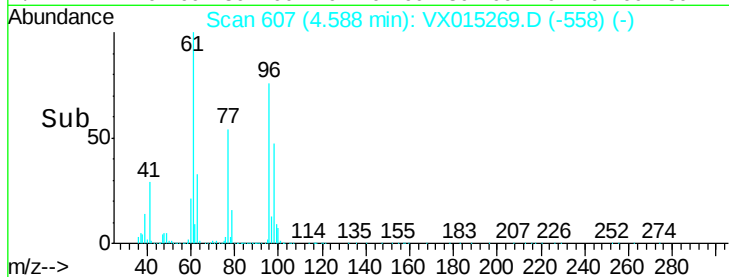
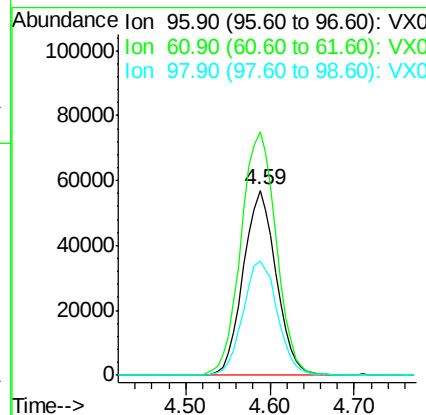
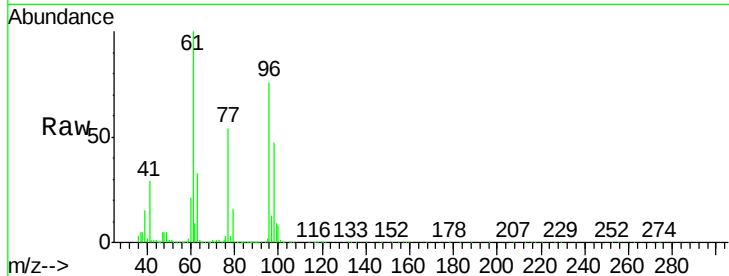
cis-1,2-Dichloroethene
Concen: 51.880 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	139.7	0.0	286.8
98	64.3	0.0	128.4

Manual Integrations
APPROVED

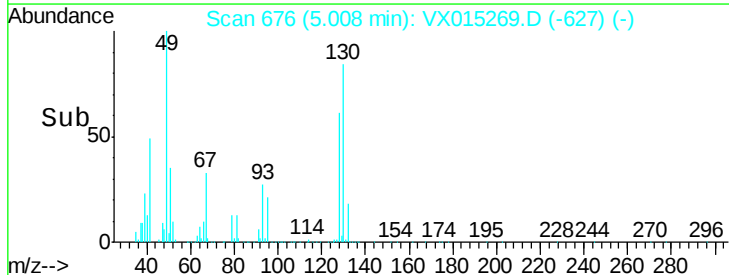
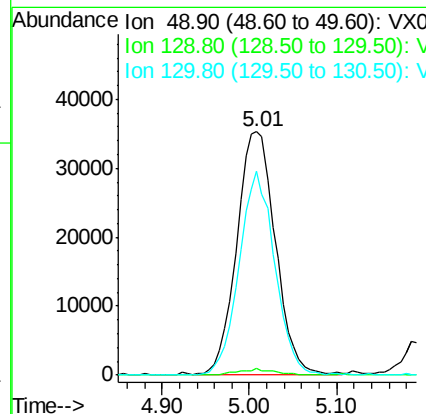
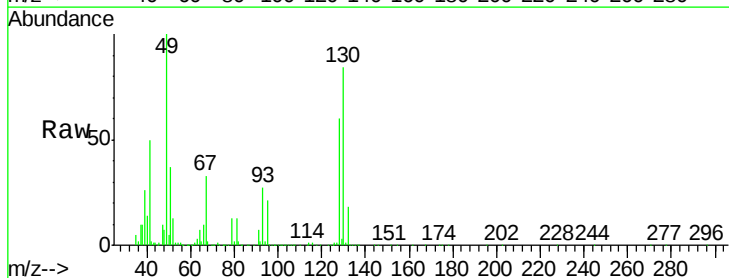
MMDadoda
3/16/2020 2:07:27 PM

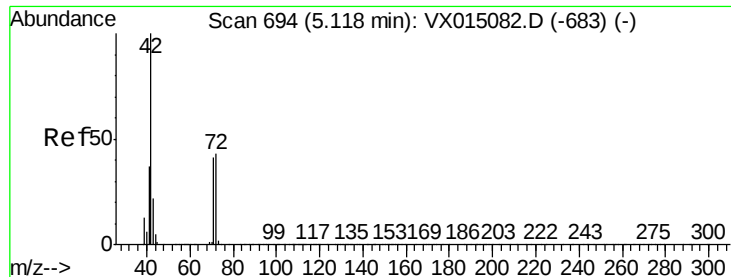


#28

Bromochloromethane
Concen: 50.289 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.4
130	78.1	65.0	97.6





#29

Tetrahydrofuran

Concen: 277.872 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

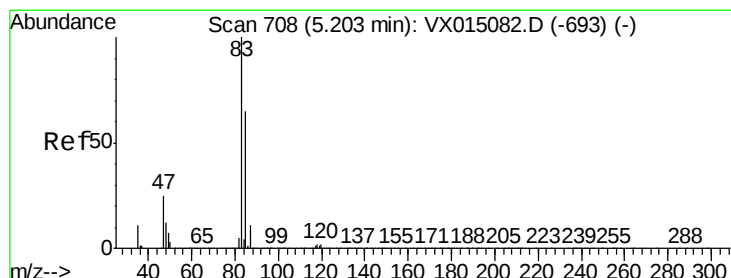
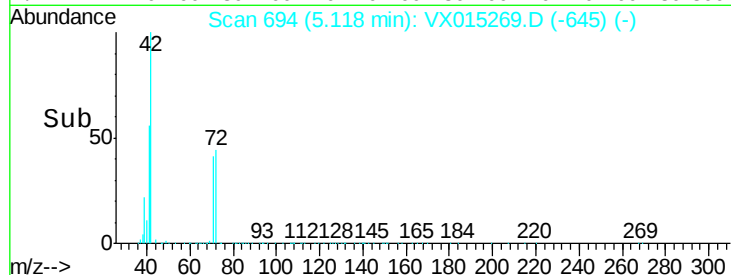
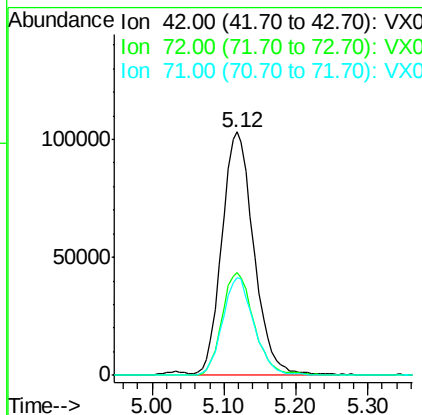
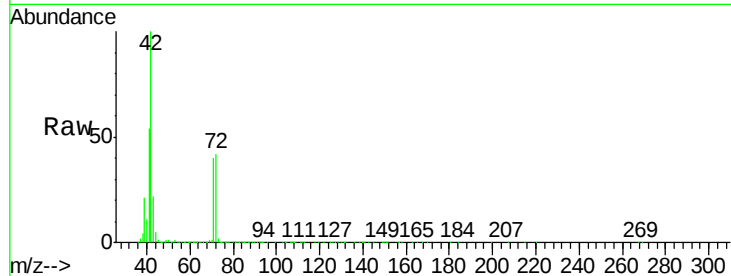
ClientSampleId :

RE131D1-20200309MS

Tot Ion:	42	Resp:	315281
Ion Ratio		Lower	Upper
42	100		
72	42.8	36.4	54.6
71	39.8	33.3	49.9

Manual Integrations
APPROVED

MMDadoda
3/16/2020 2:07:27 PM



#30

Chloroform

Concen: 48.705 ug/l

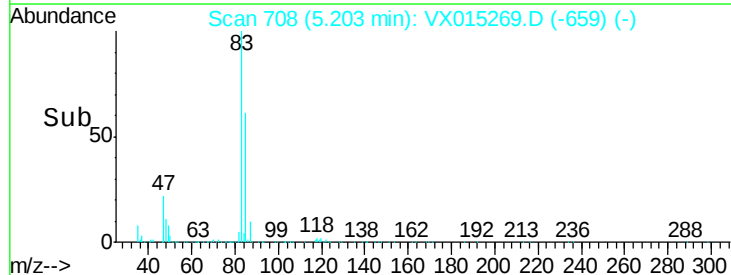
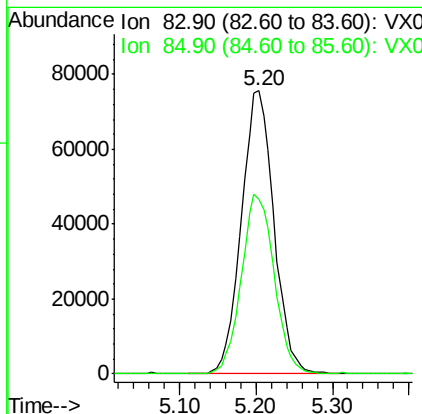
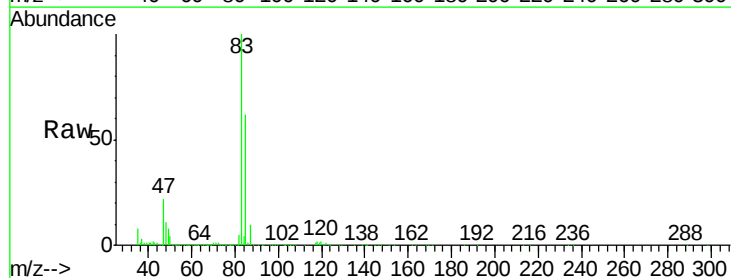
RT: 5.20 min Scan# 708

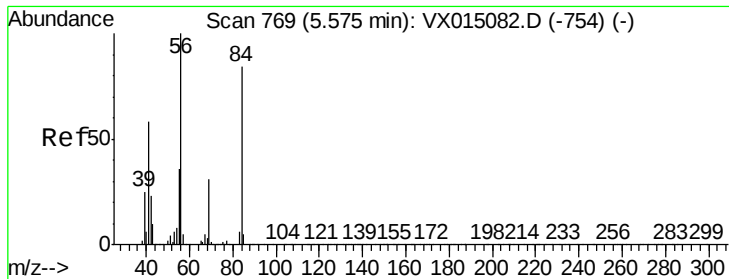
Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Tgt Ion:	83	Resp:	222573
Ion Ratio		Lower	Upper
83	100		
85	61.6	52.0	78.0





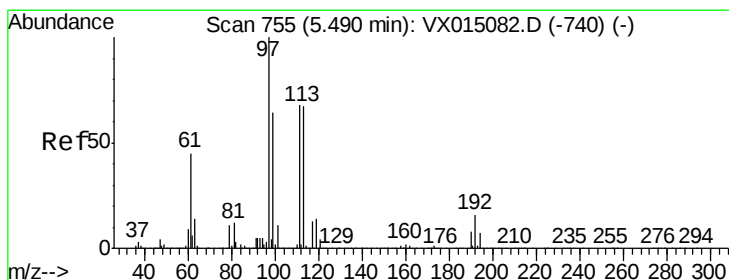
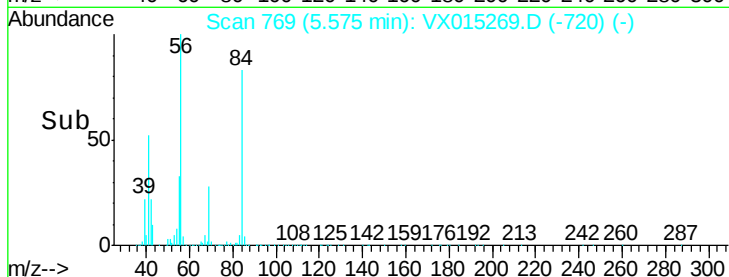
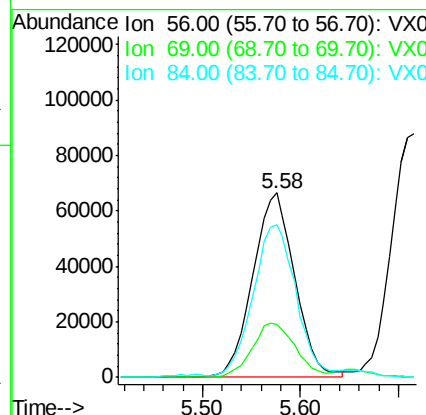
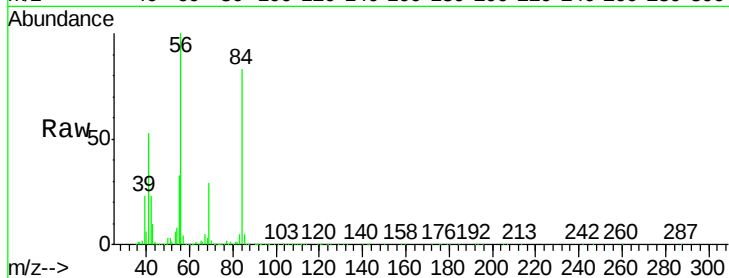
#31
Cyclohexane
Concen: 47.170 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.4	25.0	37.6
84	81.8	67.6	101.4

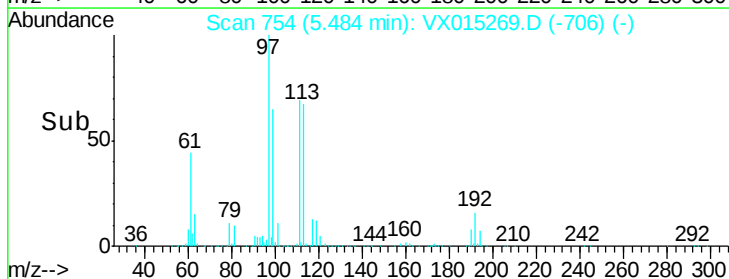
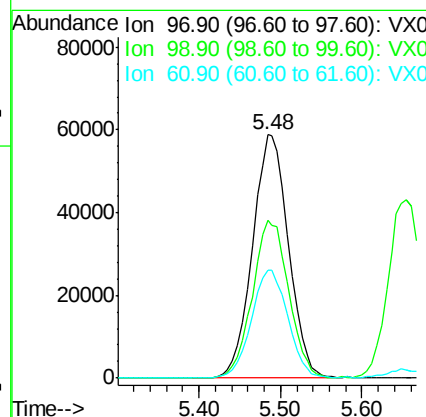
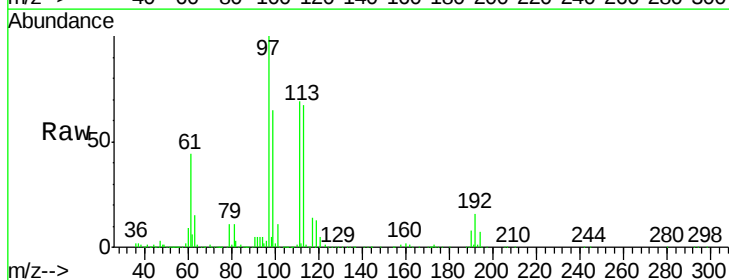
Manual Integrations
APPROVED

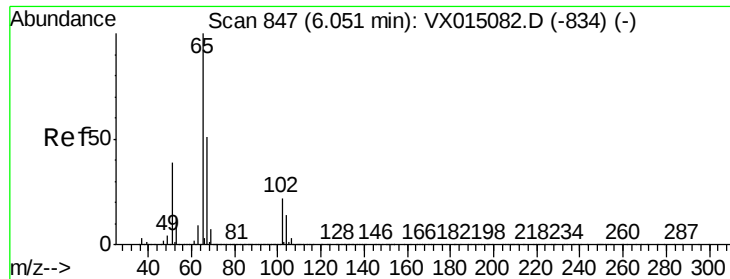
MMDadoda
3/16/2020 2:07:27 PM



#32
1,1,1-Trichloroethane
Concen: 47.650 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.5	52.8	79.2
61	44.7	36.6	54.8





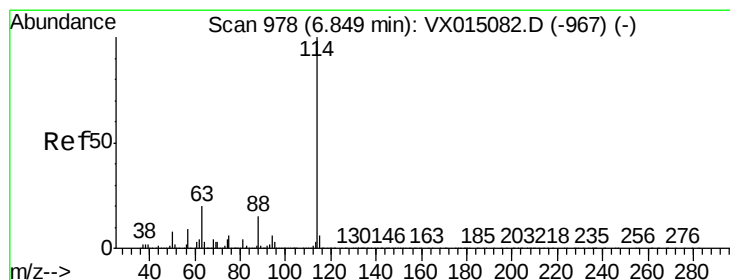
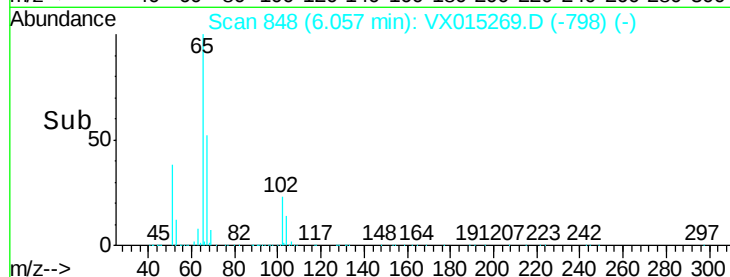
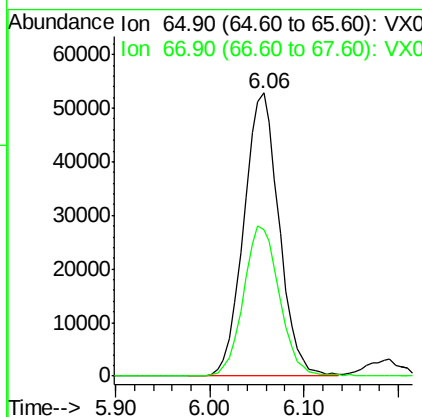
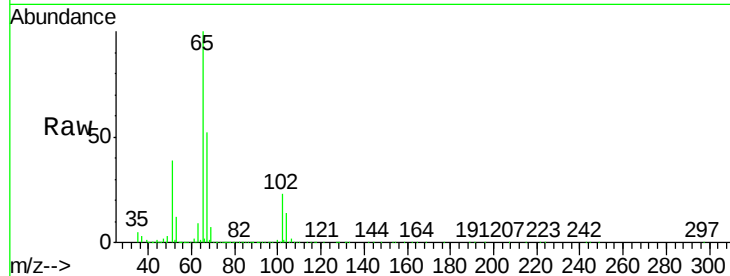
#33
 1,2-Dichloroethane-d4
 Concen: 46.547 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX015269.D
 Acq: 13 Mar 2020 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	138188		
67	53.3	0.0	105.6	

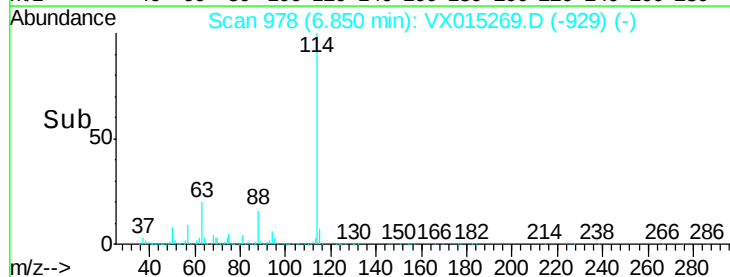
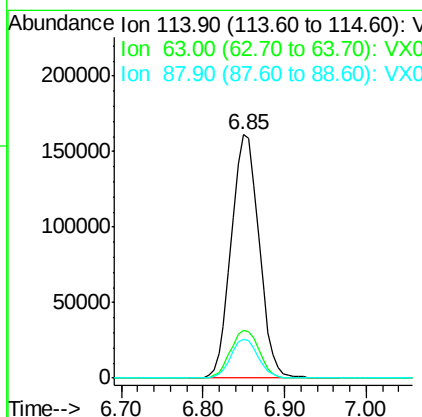
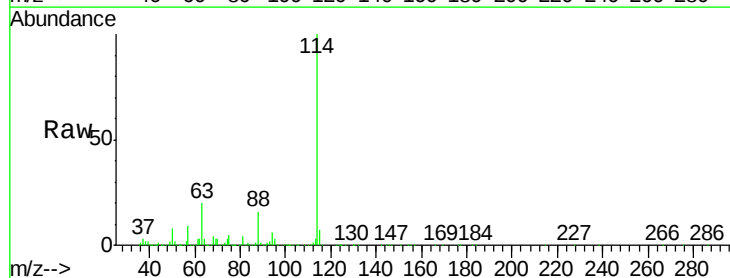
Manual Integrations
 APPROVED

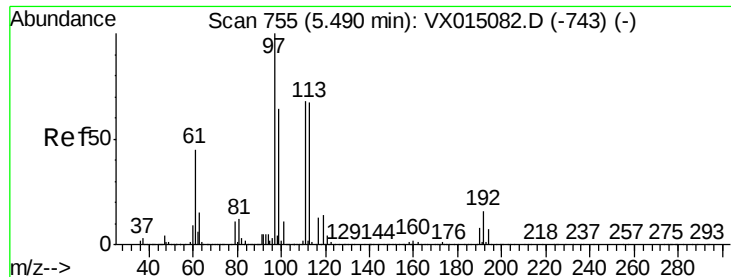
MMDadoda
 3/16/2020 2:07:27 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015269.D
 Acq: 13 Mar 2020 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	380150		
63	19.8	0.0	40.0	
88	15.9	0.0	30.6	





#35

Dibromofluoromethane

Concen: 48.432 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

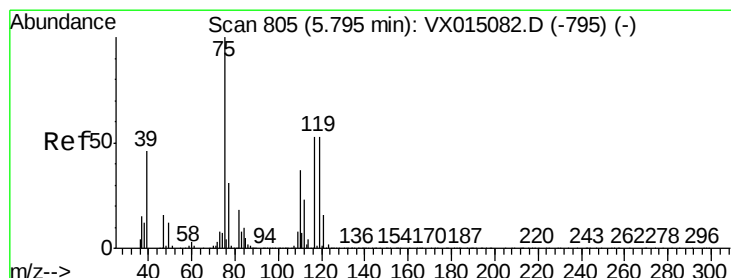
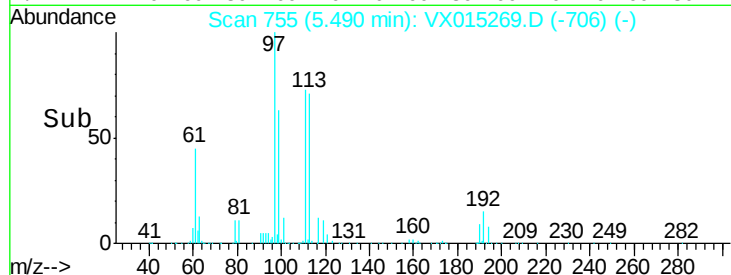
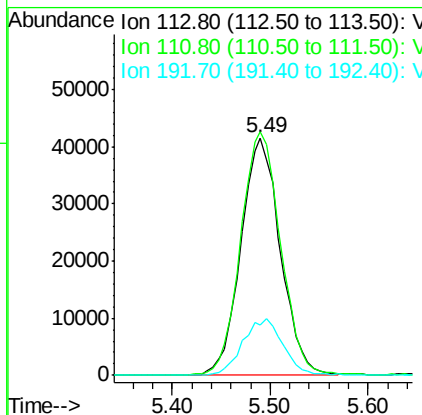
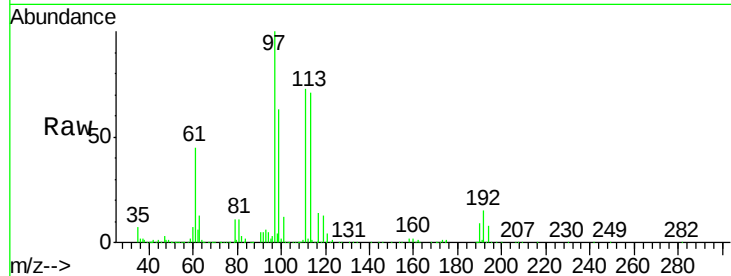
ClientSampleId :

RE131D1-20200309MS

Tot Ion:	113	Resp:	116152
Ion Ratio	Lower	Upper	
113	100		
111	104.4	82.6	123.8
192	24.5	18.6	28.0

Manual Integrations
APPROVED

MMDadoda
3/16/2020 2:07:27 PM



#36

1,1-Dichloropropene

Concen: 45.833 ug/l

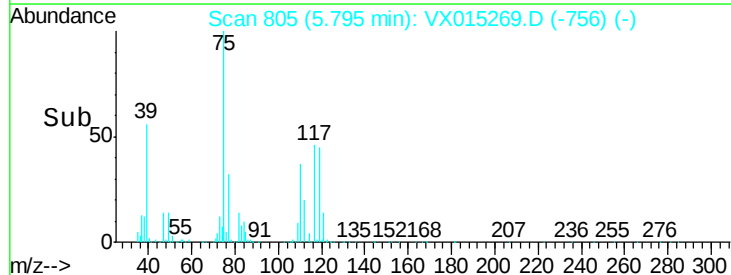
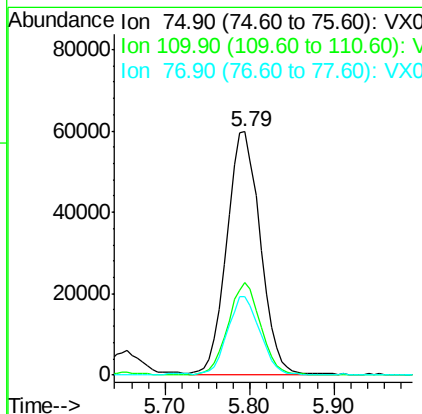
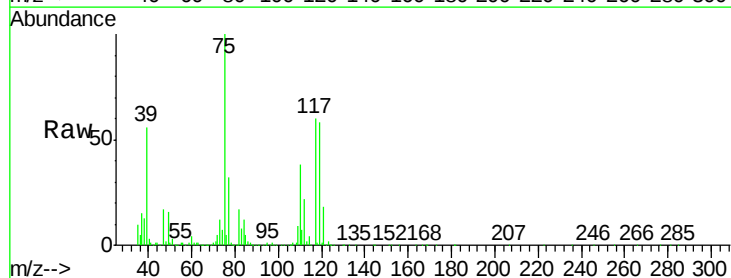
RT: 5.79 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Tgt Ion:	75	Resp:	161073
Ion Ratio	Lower	Upper	
75	100		
110	37.1	17.9	53.8
77	31.8	24.8	37.2





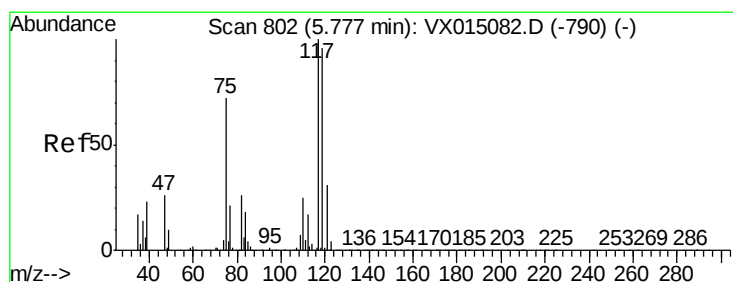
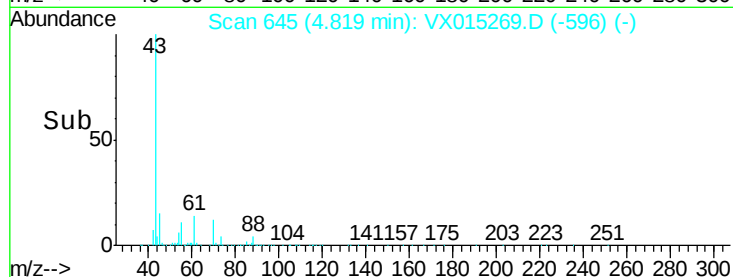
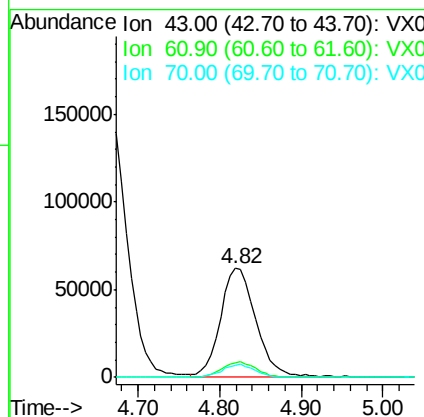
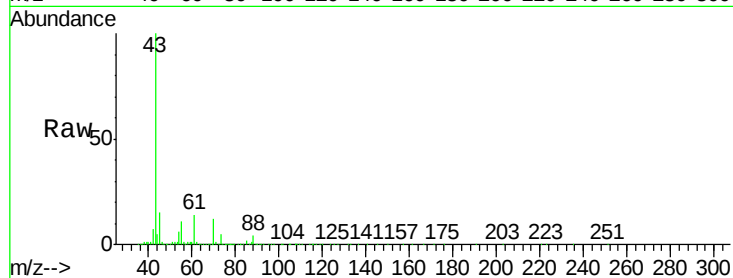
#37
Ethyl Acetate
Concen: 56.702 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

Tot Ion:	43	Resp:	184845
Ion Ratio	Lower	Upper	
43	100		
61	13.5	11.0	16.4
70	10.7	8.1	12.1

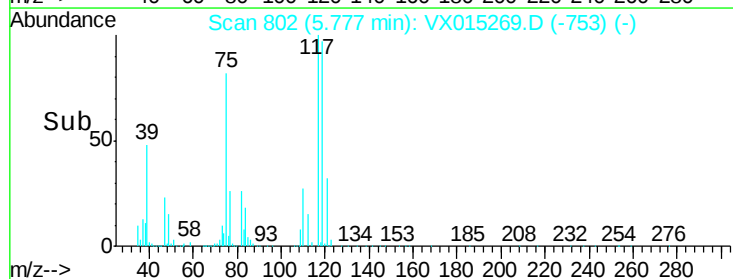
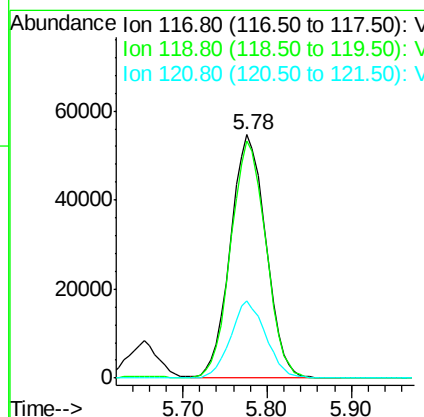
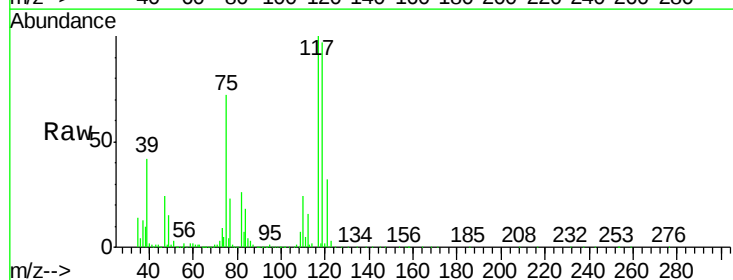
Manual Integrations
APPROVED

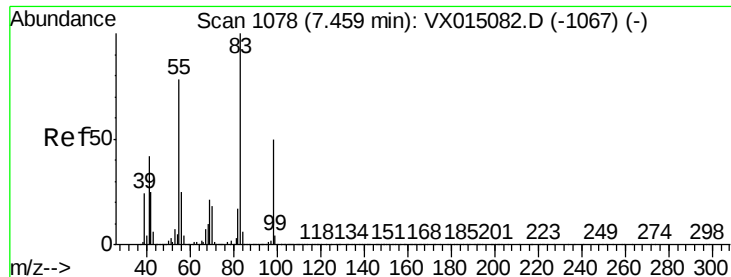
MMDadoda
3/16/2020 2:07:27 PM



#38
Carbon Tetrachloride
Concen: 47.045 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Tgt Ion:	117	Resp:	156061
Ion Ratio	Lower	Upper	
117	100		
119	97.4	76.9	115.3
121	31.9	24.6	37.0





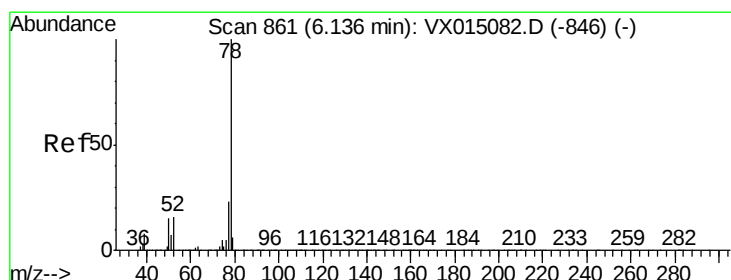
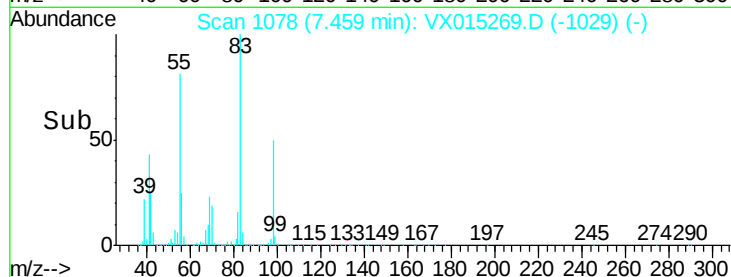
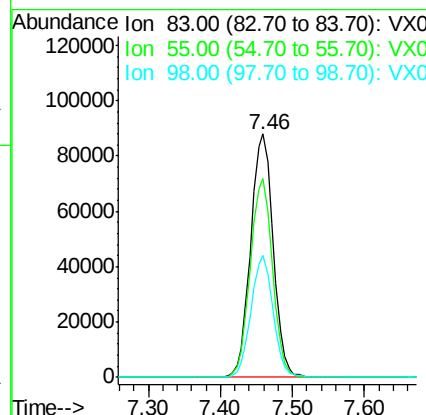
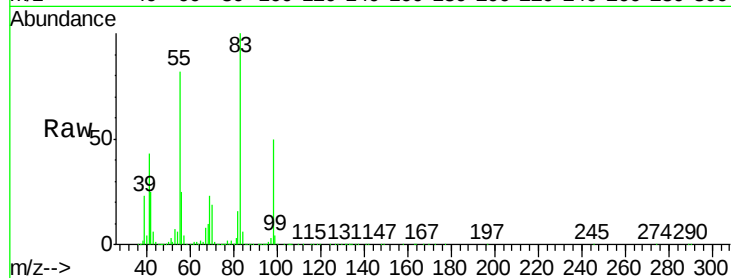
#39
Methvlcvclohexane
Concen: 46.694 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.5	62.4	93.6
98	50.0	39.7	59.5

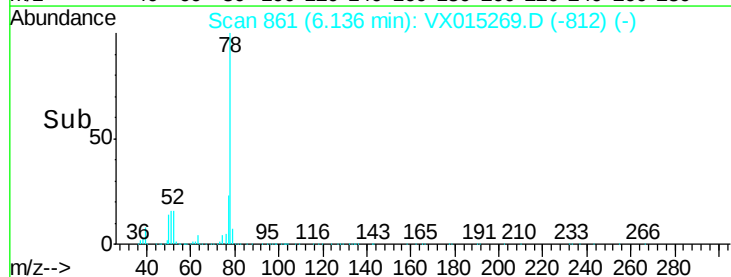
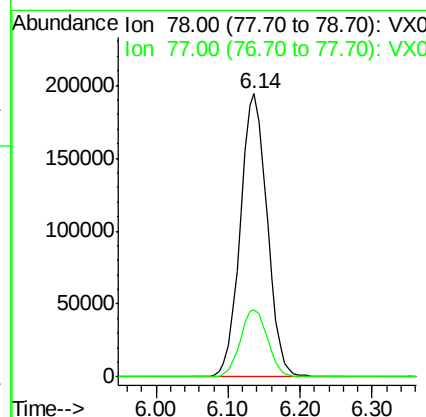
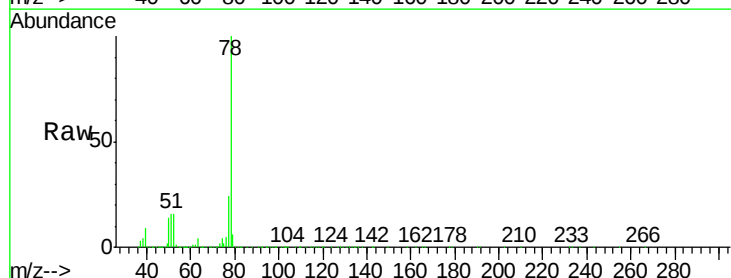
Manual Integrations
APPROVED

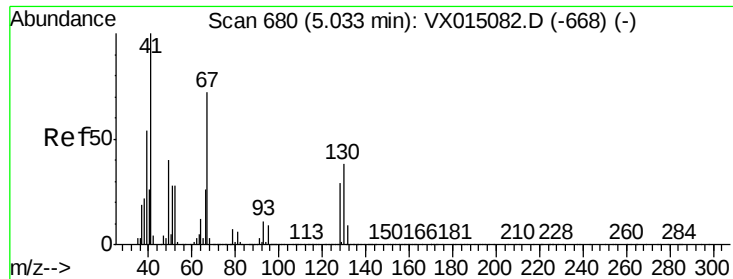
MMDadoda
3/16/2020 2:07:27 PM



#40
Benzene
Concen: 48.162 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.6	28.0





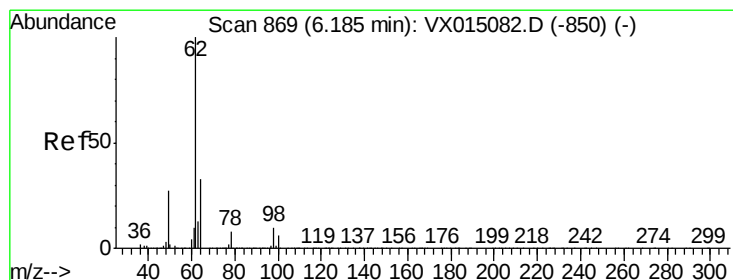
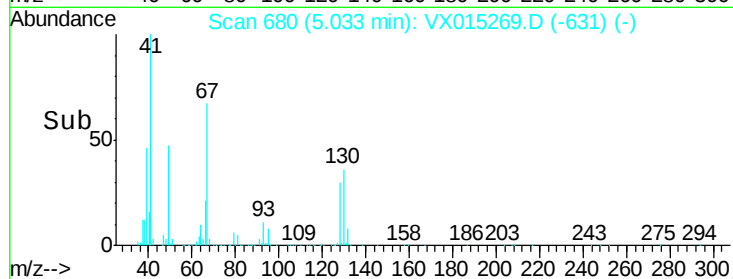
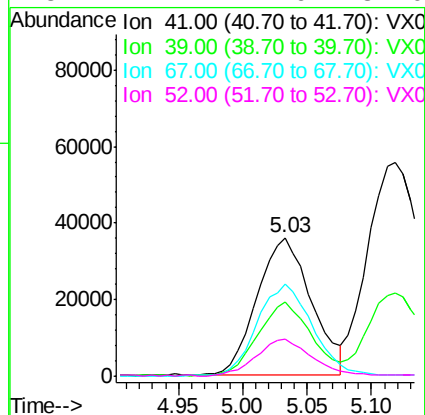
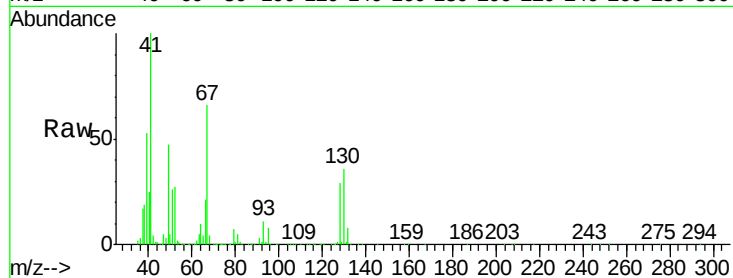
#41
Methacrylonitrile
Concen: 54.142 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.4	43.9	65.9	
67	67.8	57.8	86.8	
52	27.1	22.6	34.0	

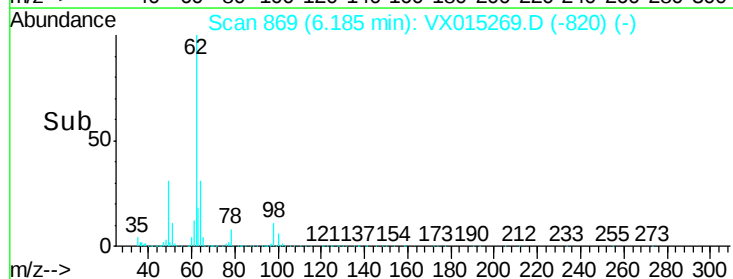
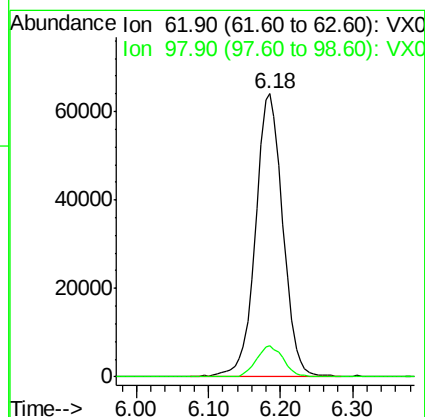
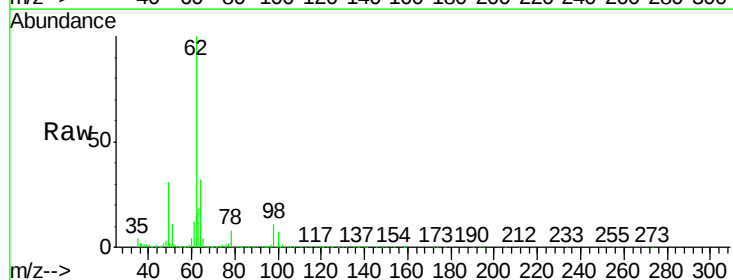
Manual Integrations
APPROVED

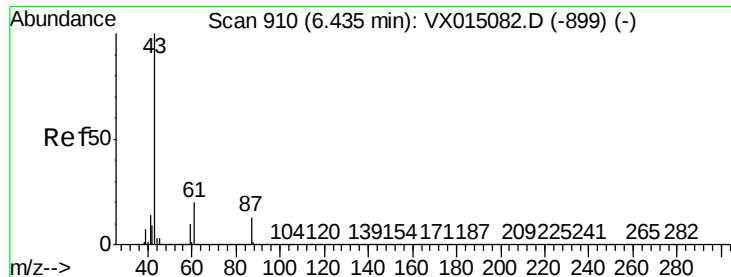
MMDadoda
3/16/2020 2:07:27 PM



#42
1,2-Dichloroethane
Concen: 47.330 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.9	0.0	20.6	





#43

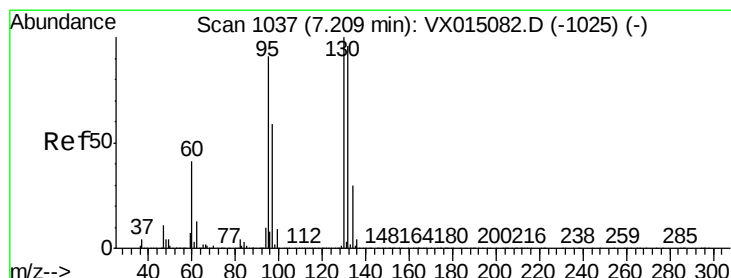
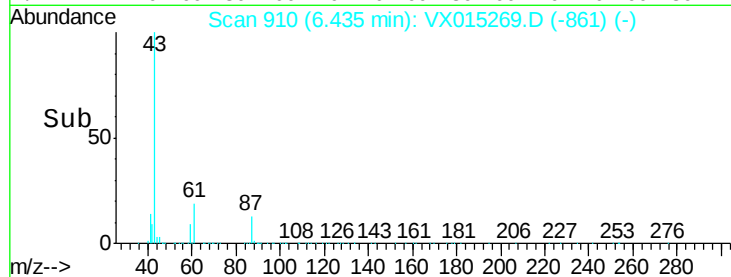
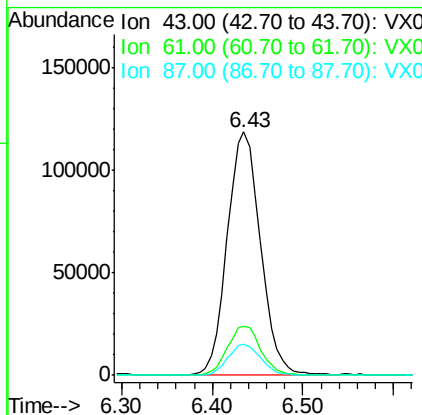
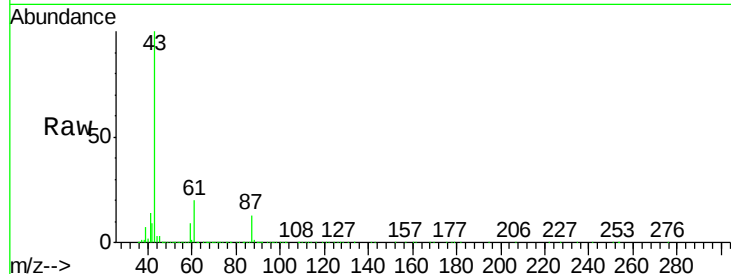
Isopropyl Acetate
 Concen: 52.179 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX015269.D
 Acq: 13 Mar 2020 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	16.1	24.1
87	12.7	10.6	16.0

Manual Integrations
 APPROVED

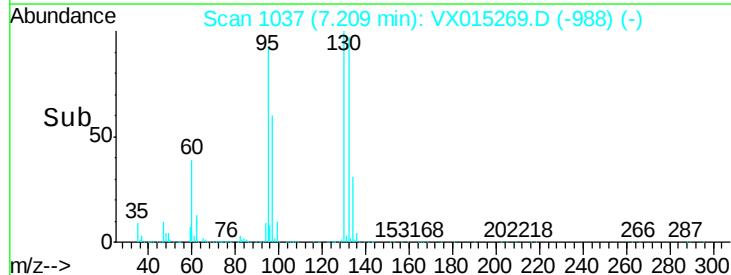
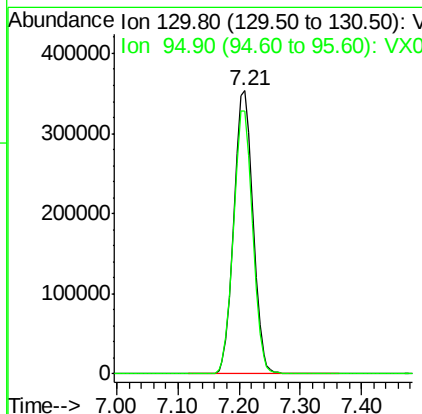
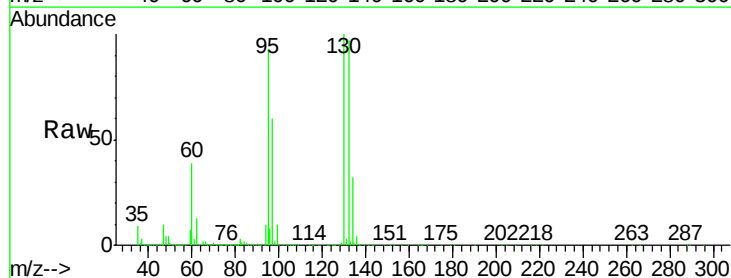
MMDadoda
 3/16/2020 2:07:27 PM

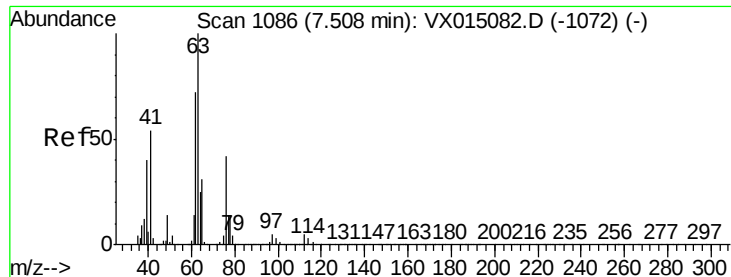


#44

Trichloroethene
 Concen: 259.516 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX015269.D
 Acq: 13 Mar 2020 18:44

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.7	0.0	181.2





#45

1,2-Dichloropropane

Concen: 49.404 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MS

Tot Ion: 63 Resp: 133330

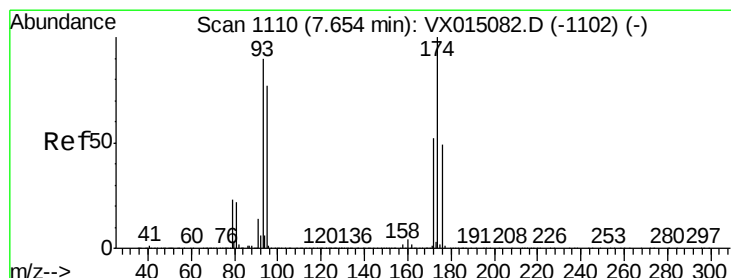
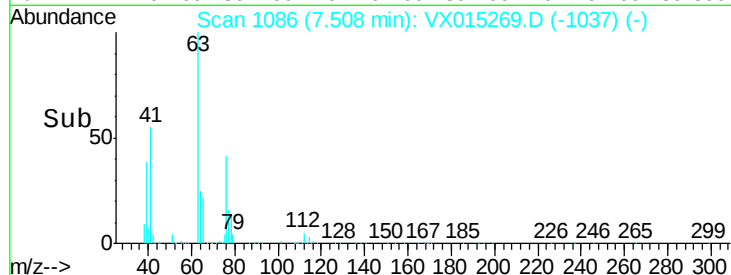
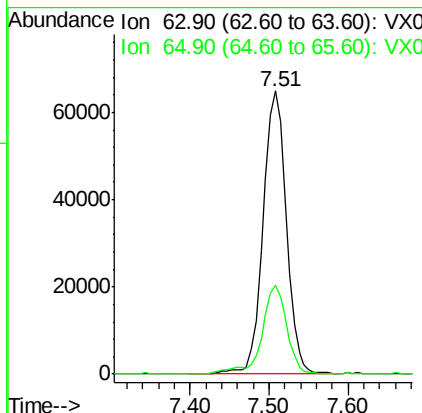
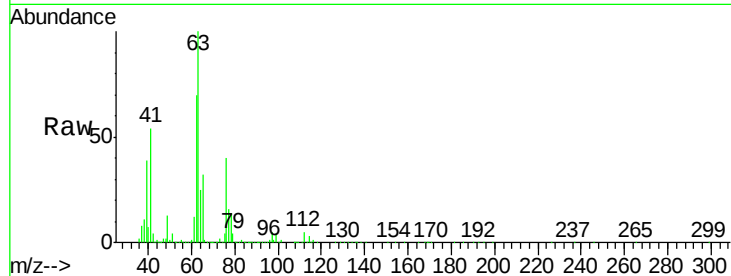
Ion Ratio Lower Upper

63 100

65 31.3 24.6 36.8

Manual Integrations
APPROVED

MMDadoda
3/16/2020 2:07:27 PM



#46

Dibromomethane

Concen: 48.228 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

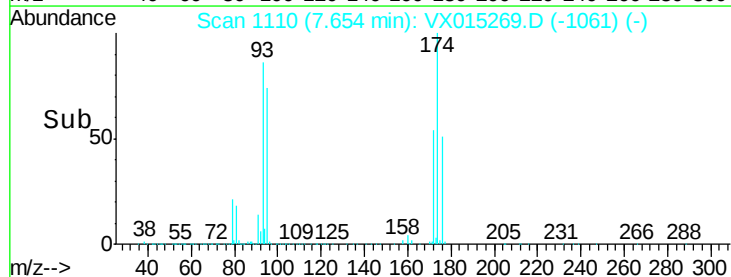
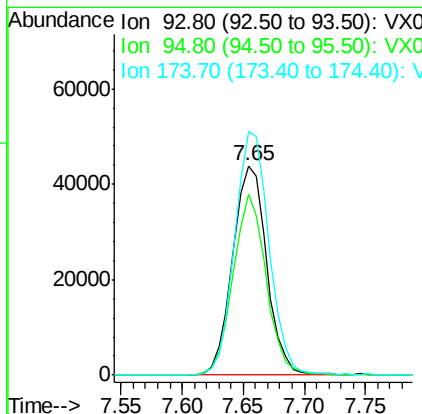
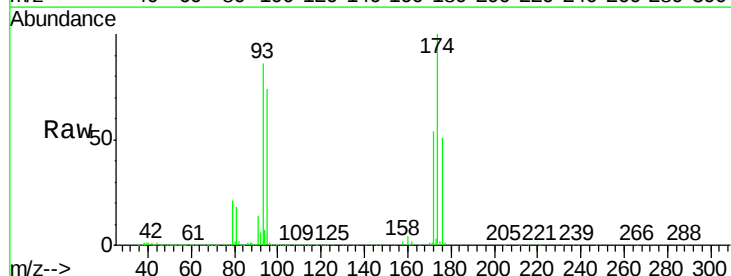
Tgt Ion: 93 Resp: 84809

Ion Ratio Lower Upper

93 100

95 82.7 67.8 101.8

174 117.4 91.0 136.4





#47

Bromodichloromethane

Concen: 48.629 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

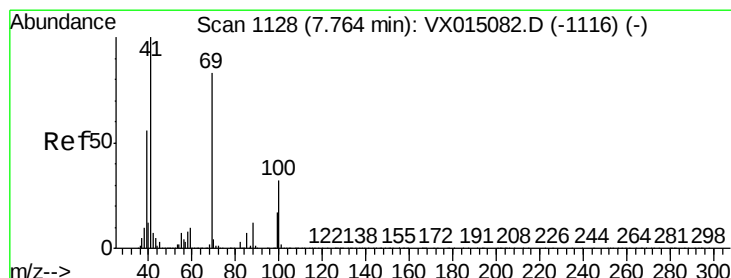
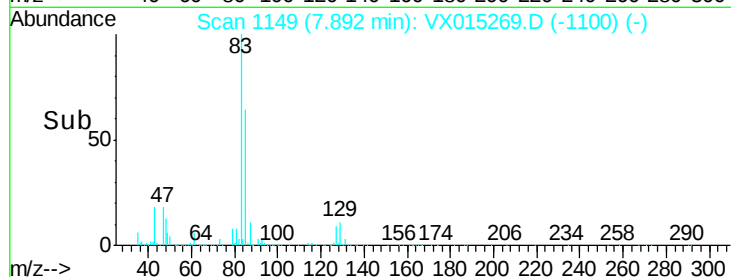
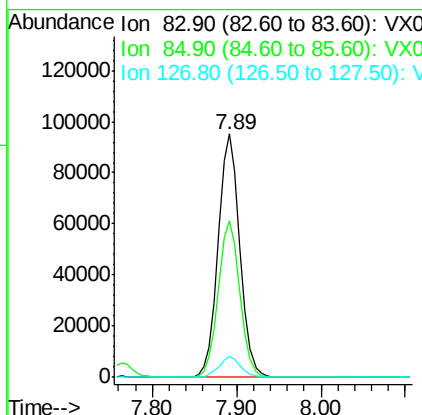
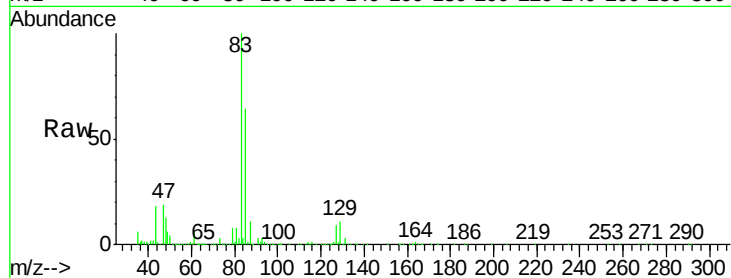
ClientSampleId :

RE131D1-20200309MS

Tot Ion:	83	Resp:	169105
Ion Ratio	Lower	Upper	
83	100		
85	63.9	50.6	75.8
127	8.6	7.1	10.7

Manual Integrations
APPROVED

MMDadoda
3/16/2020 2:07:27 PM



#48

Methyl methacrylate

Concen: 51.405 ug/l

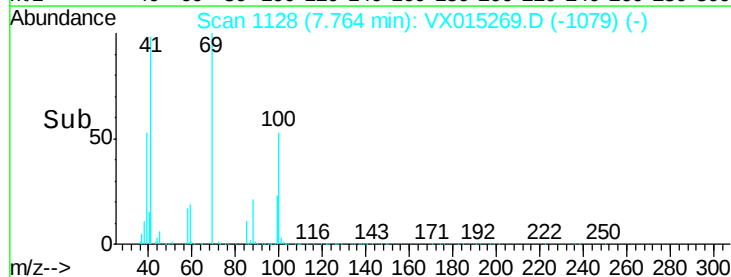
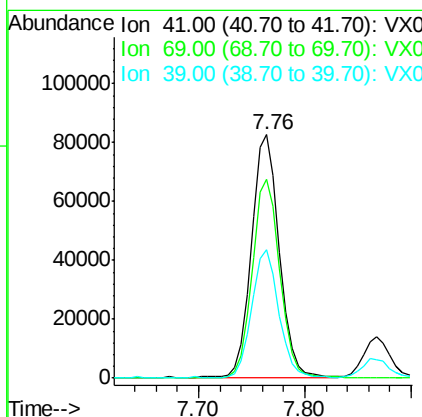
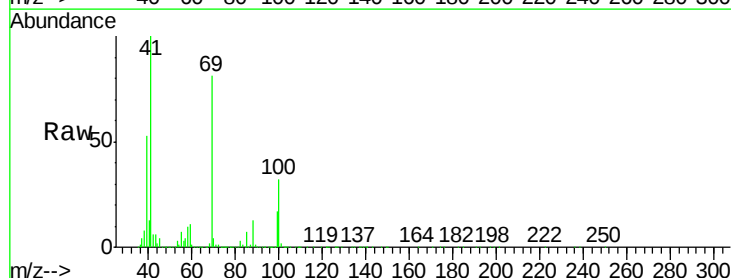
RT: 7.76 min Scan# 1128

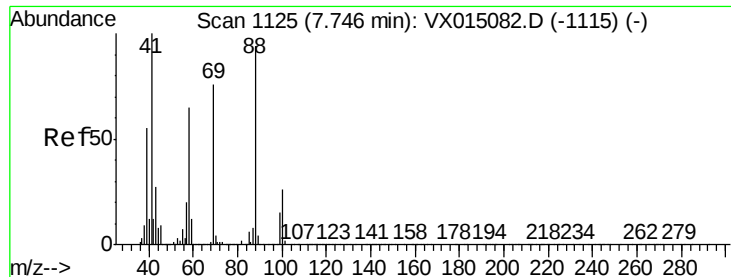
Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Tgt Ion:	41	Resp:	150042
Ion Ratio	Lower	Upper	
41	100		
69	82.3	65.4	98.2
39	51.5	44.6	67.0





#49

1,4-Dioxane

Concen: 1073.842 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

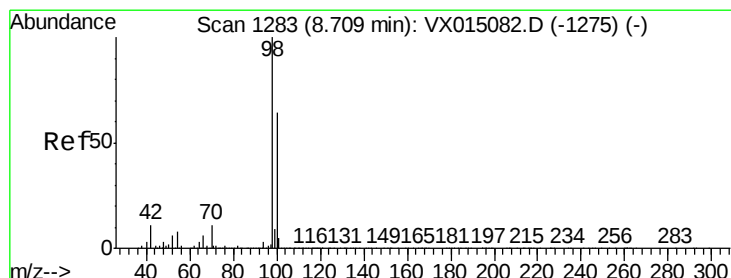
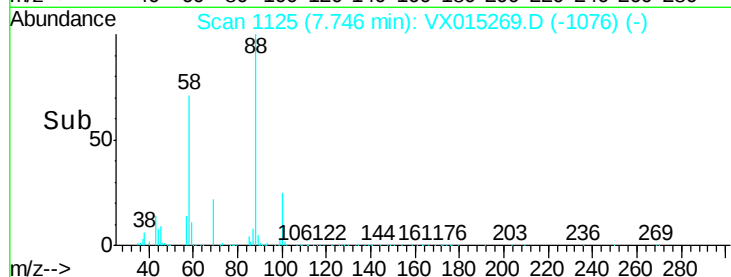
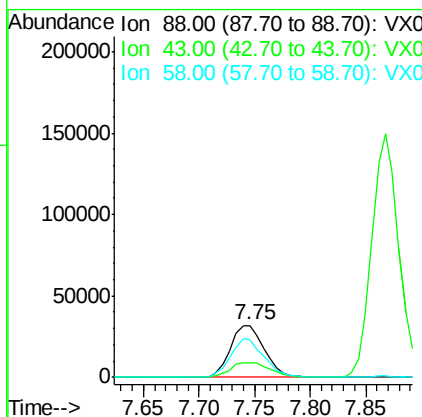
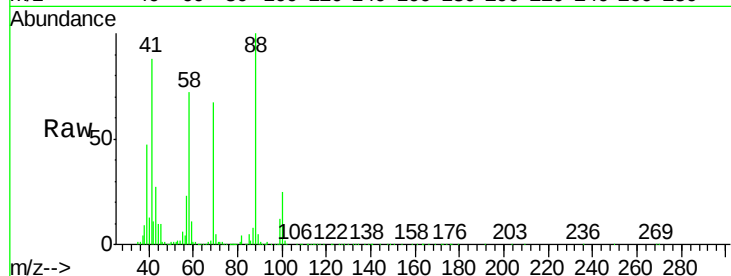
ClientSampleId :

RE131D1-20200309MS

Tot Ion:	88	Resp:	67768
Ion Ratio	Lower	Upper	
88	100		
43	31.4	27.0	40.4
58	71.6	55.6	83.4

Manual Integrations
APPROVED

MMDadoda
3/16/2020 2:07:27 PM



#50

Toluene-d8

Concen: 48.683 ug/l

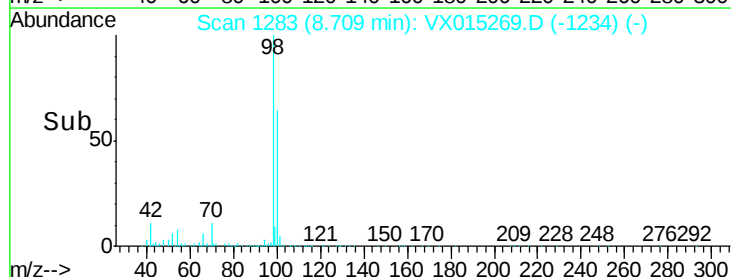
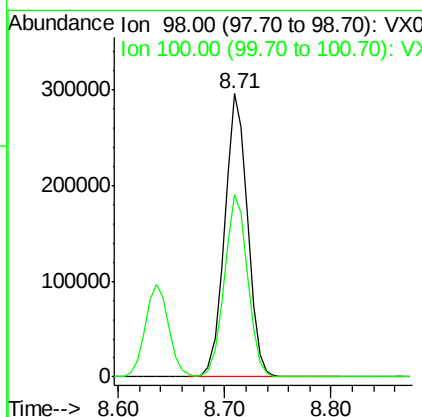
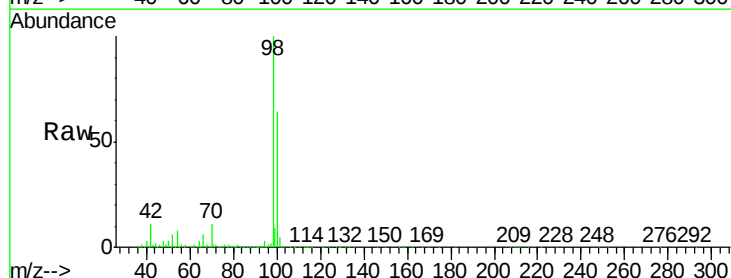
RT: 8.71 min Scan# 1283

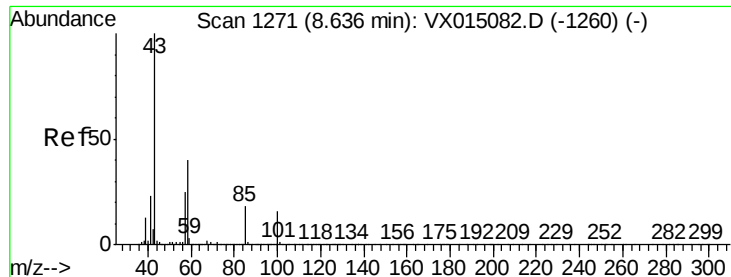
Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Tgt Ion:	98	Resp:	444118
Ion Ratio	Lower	Upper	
98	100		
100	65.4	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 274.480 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MS

Tot Ion: 43 Resp: 930693

Ion Ratio Lower Upper

43 100

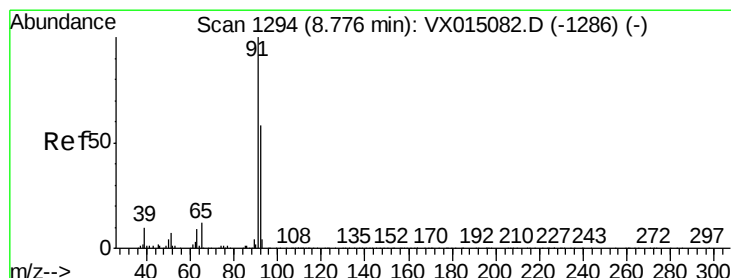
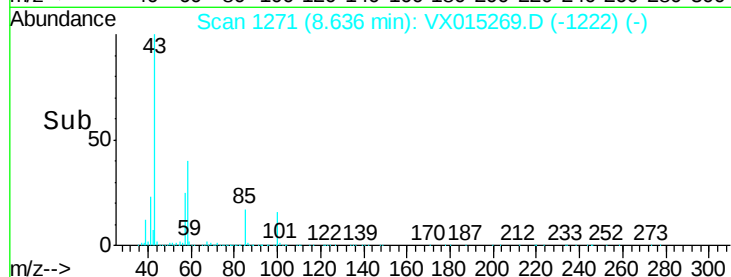
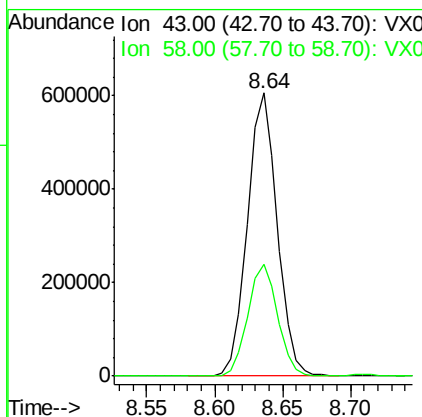
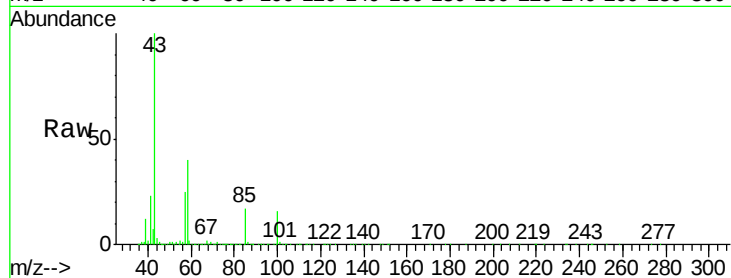
58 39.6 31.6 47.4

Manual Integrations

APPROVED

MMDadoda

3/16/2020 2:07:27 PM



#52

Toluene

Concen: 48.840 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX015269.D

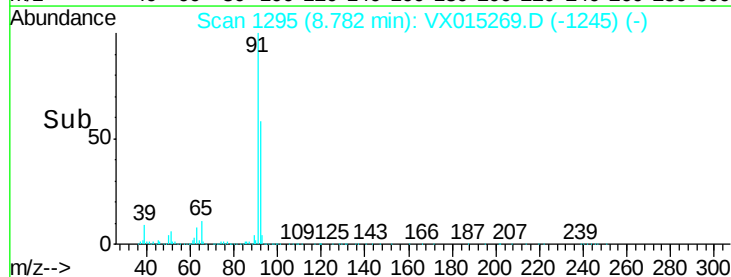
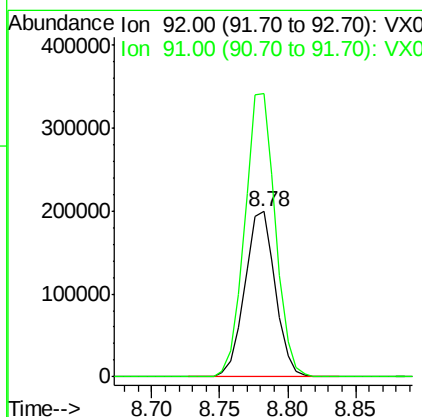
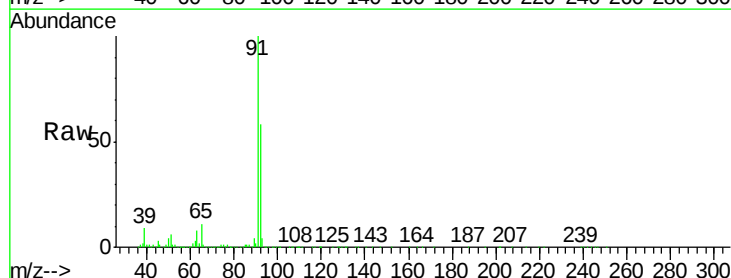
Acq: 13 Mar 2020 18:44

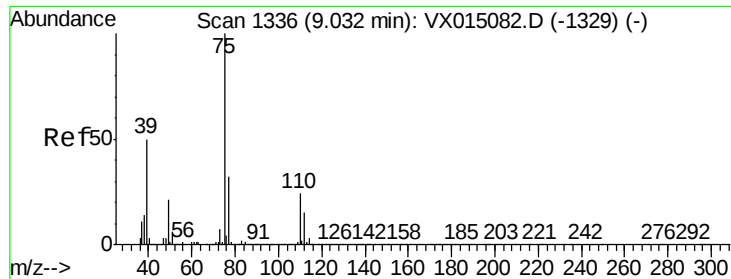
Tgt Ion: 92 Resp: 311362

Ion Ratio Lower Upper

92 100

91 172.2 136.9 205.3





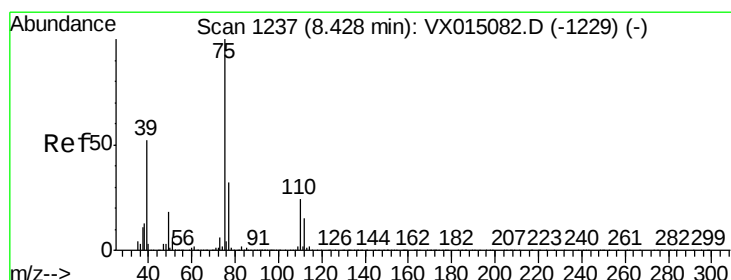
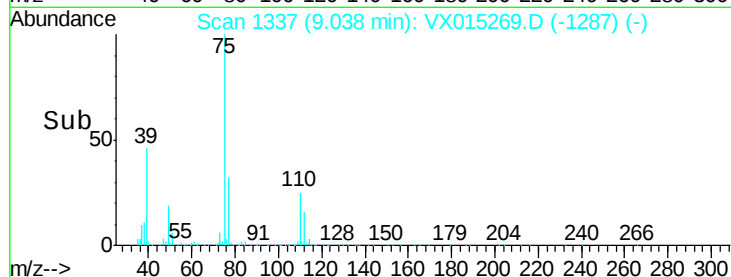
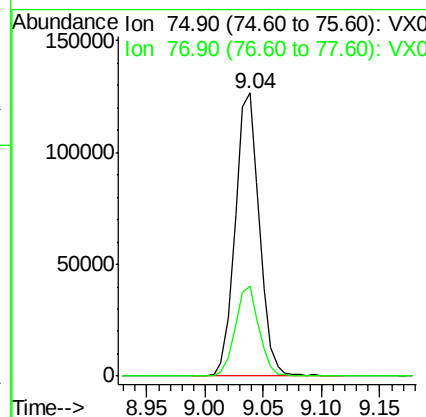
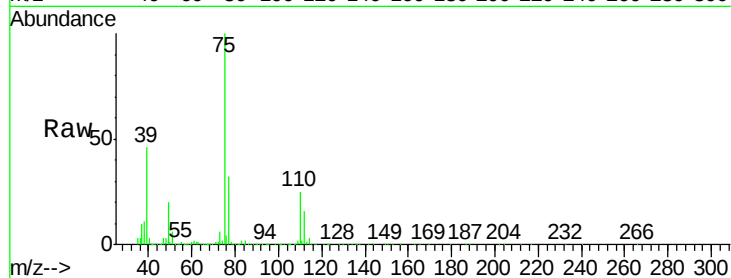
#53
t-1,3-Dichloropropene
Concen: 49.392 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.01 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

Tot Ion	Ratio	Resp	Lower	Upper
75	100	182817		
77	31.8	25.4	38.0	

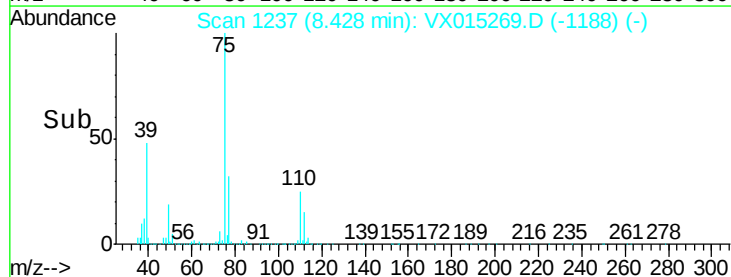
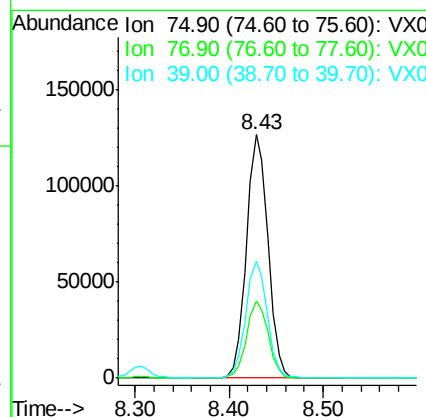
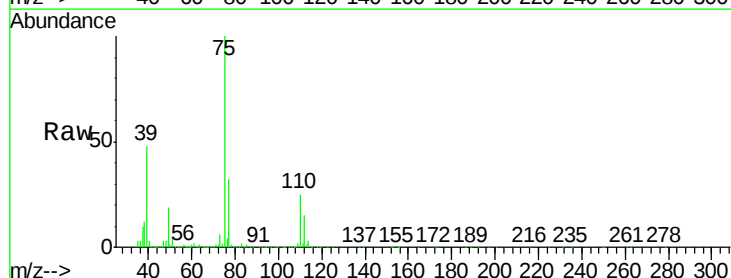
Manual Integrations
APPROVED

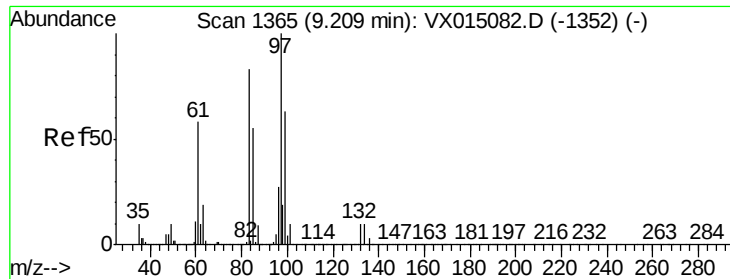
MMDadoda
3/16/2020 2:07:27 PM



#54
cis-1,3-Dichloropropene
Concen: 48.106 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	201295		
77	31.5	25.8	38.6	
39	48.1	41.3	61.9	





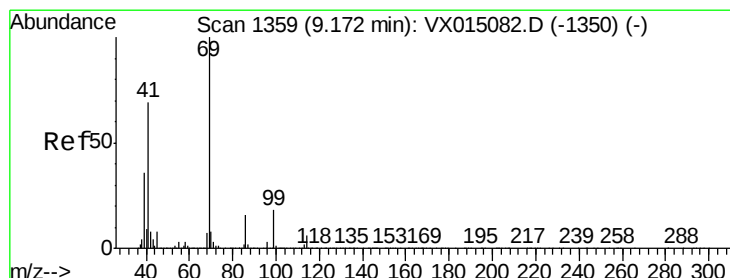
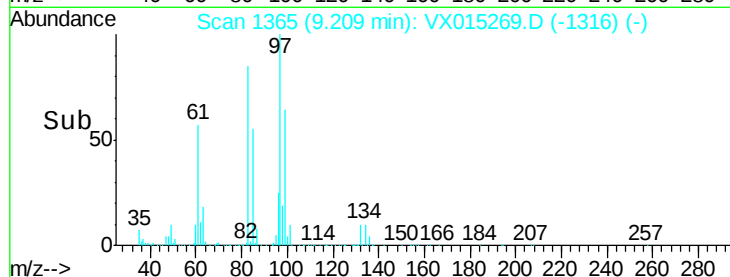
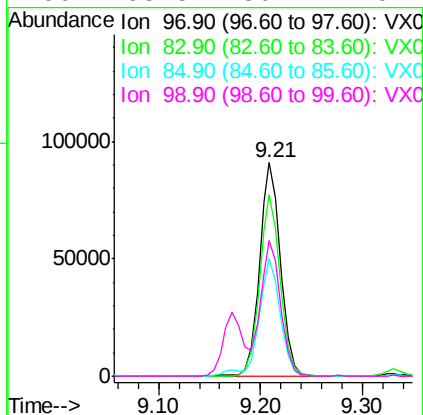
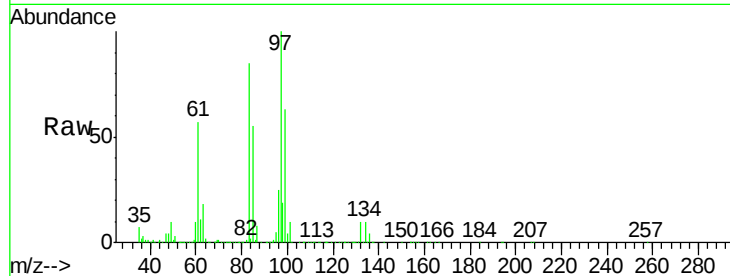
#55
 1,1,2-Trichloroethane
 Concen: 50.054 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015269.D
 Acq: 13 Mar 2020 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		131340		
83	85.0	66.4	99.6		
85	55.2	43.5	65.3		
99	63.5	50.7	76.1		

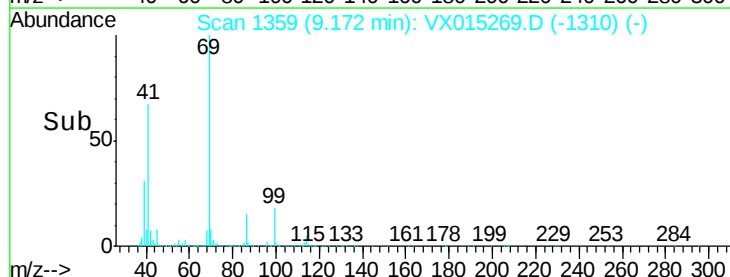
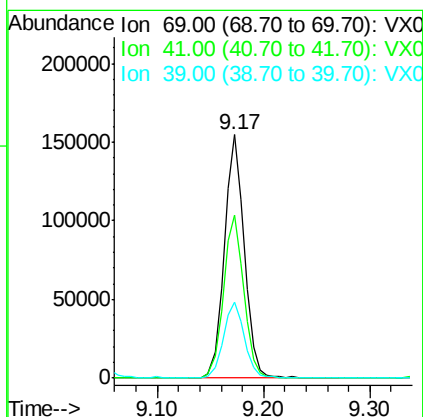
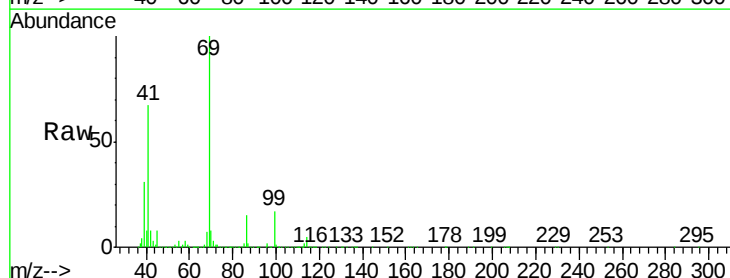
Manual Integrations
 APPROVED

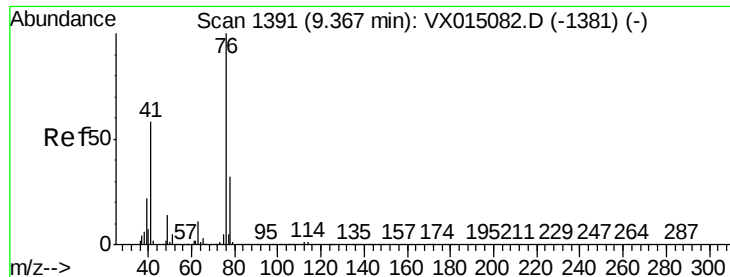
MMDadoda
 3/16/2020 2:07:27 PM



#56
 Ethyl methacrylate
 Concen: 54.266 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015269.D
 Acq: 13 Mar 2020 18:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		203105		
41	67.9	55.8	83.8		
39	32.4	29.4	44.2		





#57

1,3-Dichloropropane

Concen: 49.011 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MS

Tot Ion: 76 Resp: 216360

Ion Ratio Lower Upper

76 100

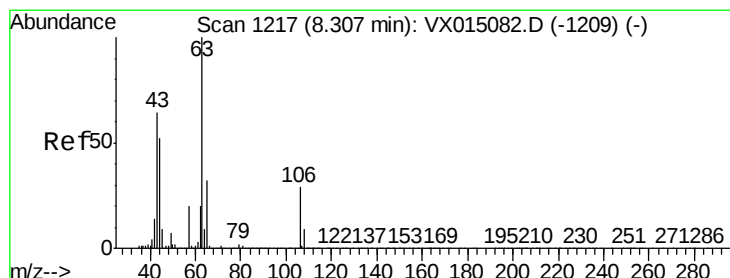
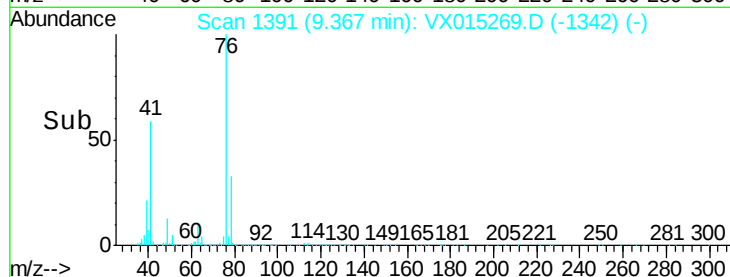
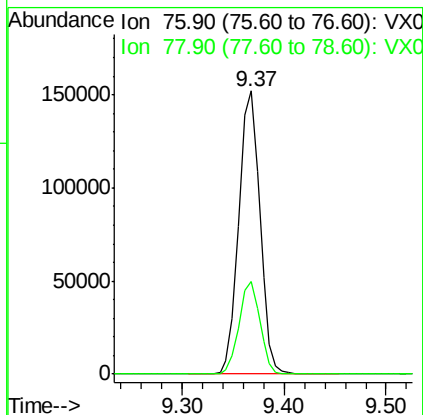
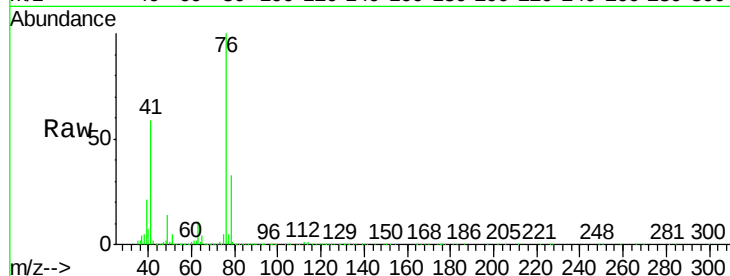
78 32.6 25.6 38.4

Manual Integrations

APPROVED

MMDadoda

3/16/2020 2:07:27 PM



#58

2-Chloroethyl Vinyl ether

Concen: 241.364 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX015269.D

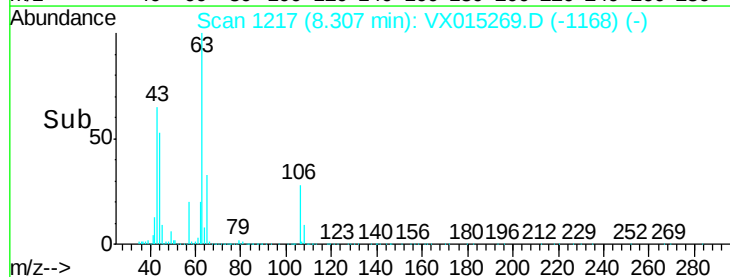
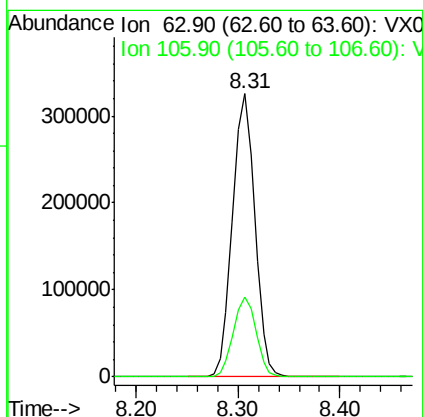
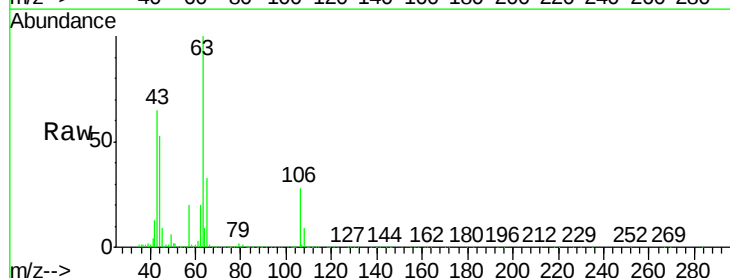
Acq: 13 Mar 2020 18:44

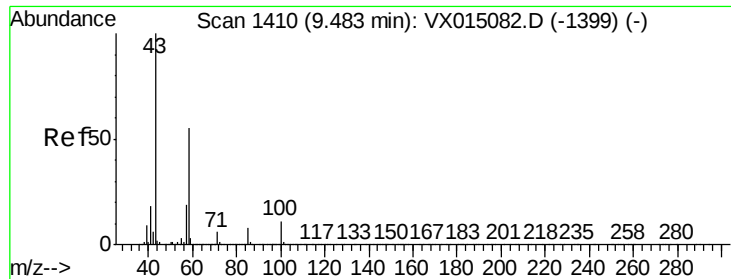
Tgt Ion: 63 Resp: 492135

Ion Ratio Lower Upper

63 100

106 28.5 22.8 34.2





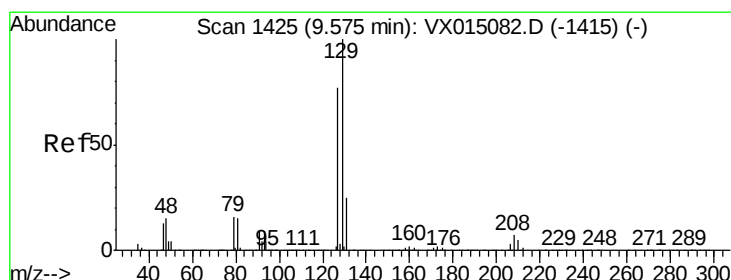
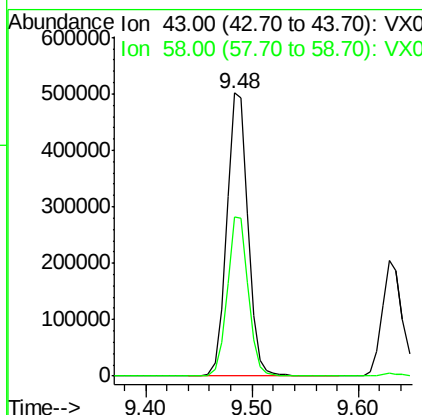
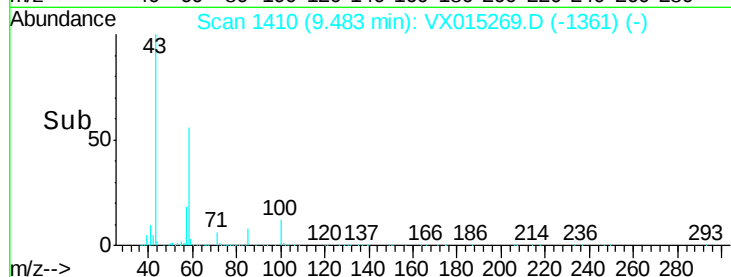
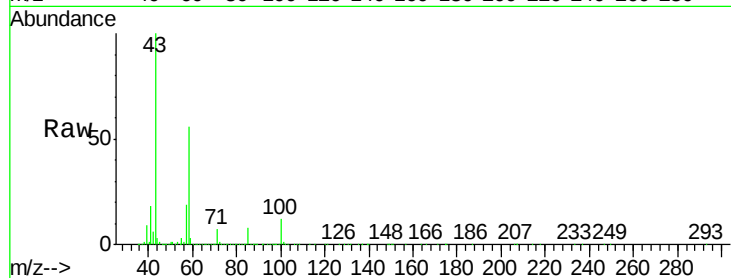
#59
2-Hexanone
Concen: 277.540 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

Tot Ion: 43 Resp: 697507
Ion Ratio Lower Upper
43 100
58 55.9 27.3 81.8

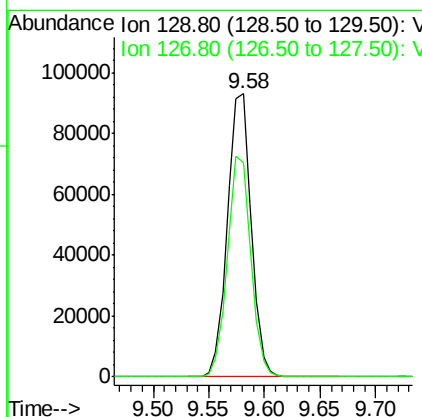
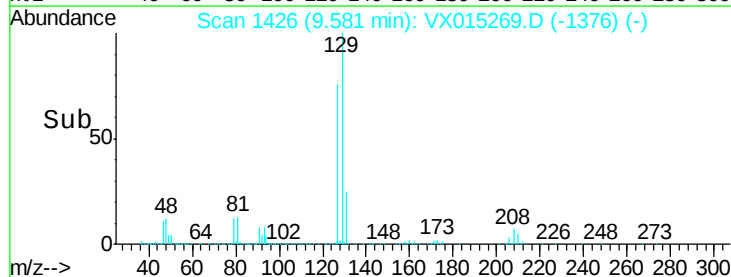
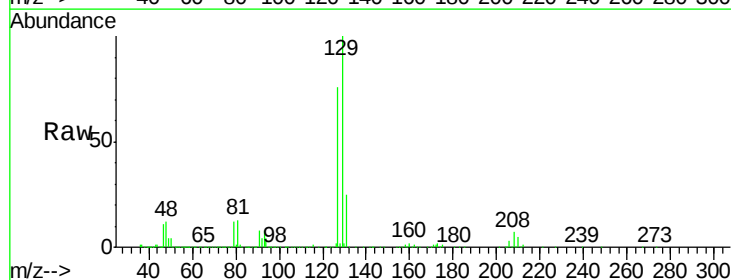
Manual Integrations
APPROVED

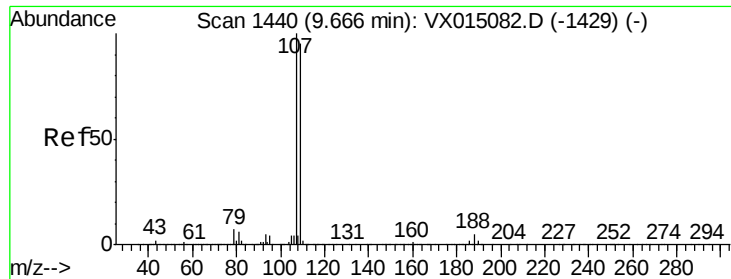
MMDadoda
3/16/2020 2:07:27 PM



#60
Dibromochloromethane
Concen: 50.059 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.01 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Tgt Ion: 129 Resp: 137983
Ion Ratio Lower Upper
129 100
127 76.8 38.8 116.3





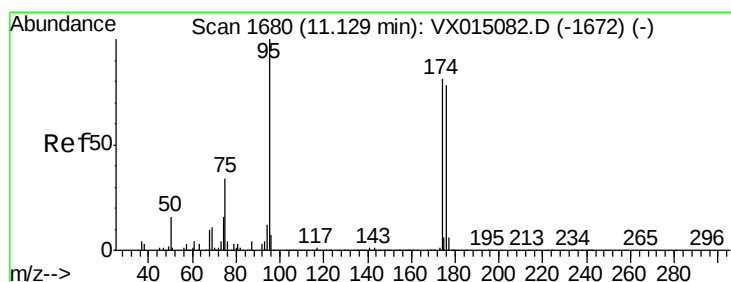
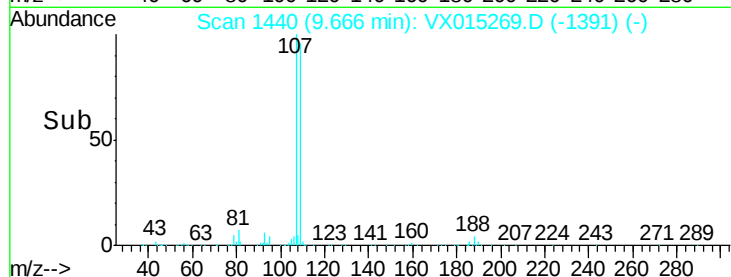
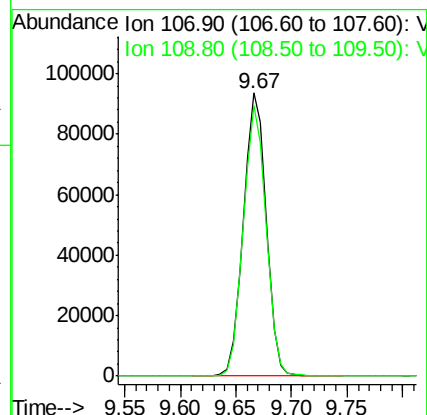
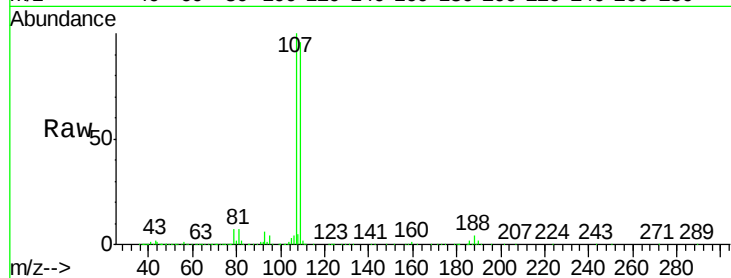
#61
 1,2-Dibromoethane
 Concen: 48.190 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX015269.D
 Acq: 13 Mar 2020 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MS

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.2	75.6	113.4

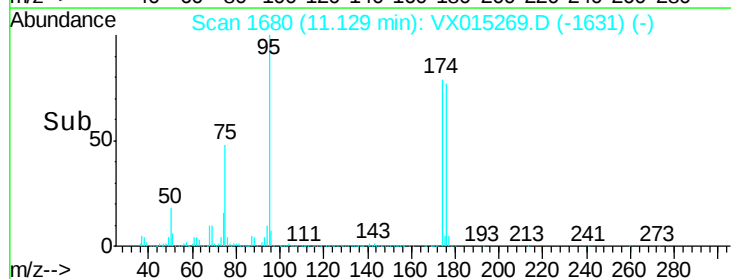
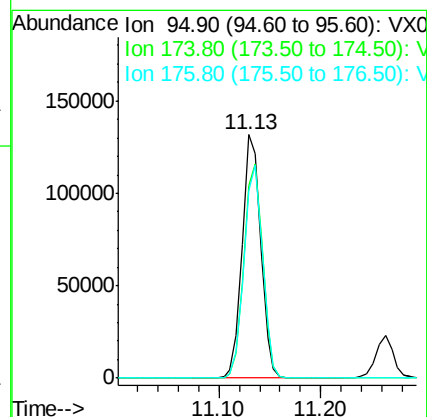
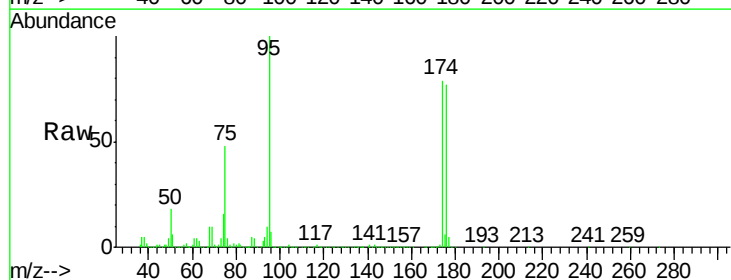
Manual Integrations
 APPROVED

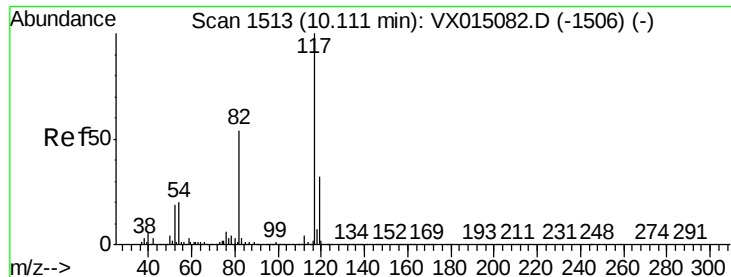
MMDadoda
 3/16/2020 2:07:27 PM



#62
 4-Bromofluorobenzene
 Concen: 50.532 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VX015269.D
 Acq: 13 Mar 2020 18:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.1	0.0	177.6
176	87.9	0.0	170.2





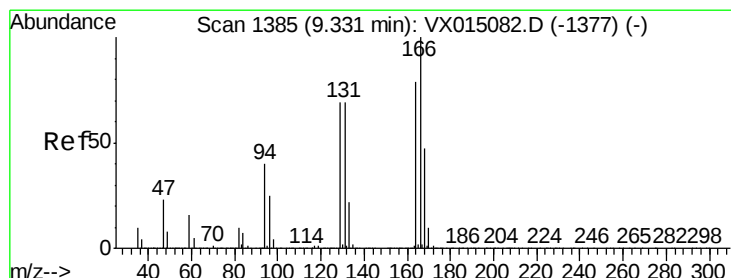
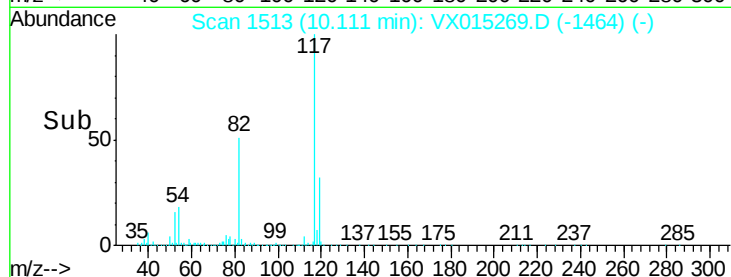
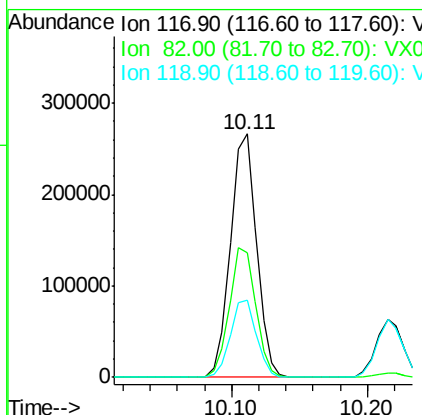
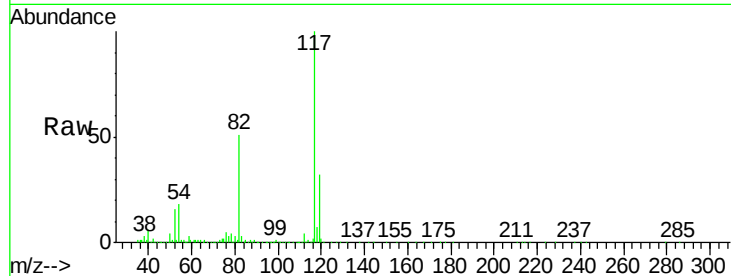
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.3	43.3	64.9
119	31.7	25.8	38.8

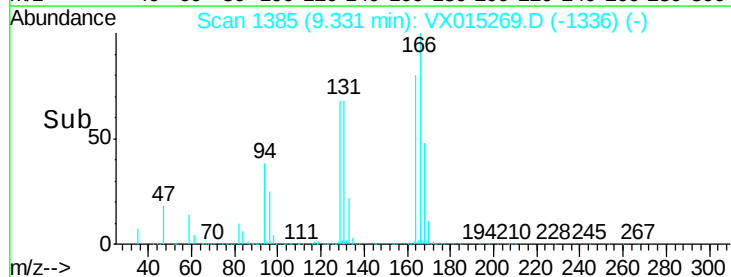
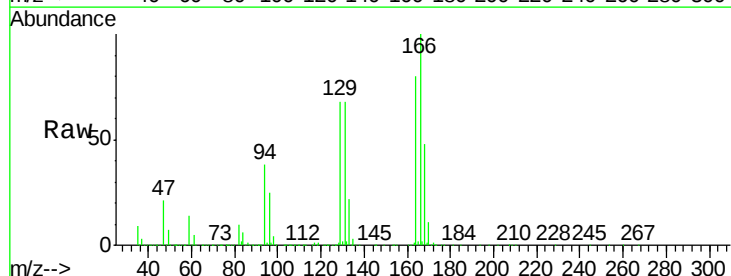
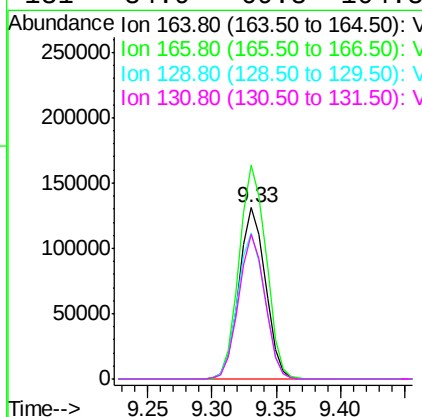
Manual Integrations
APPROVED

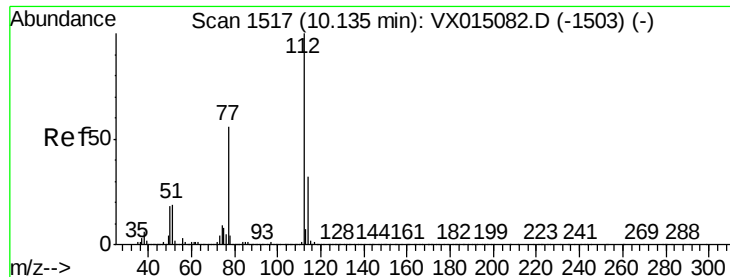
MMDadoda
3/16/2020 2:07:27 PM



#64
Tetrachloroethene
Concen: 63.658 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.9	101.1	151.7
129	85.3	69.4	104.0
131	84.9	69.8	104.8





#65

Chlorobenzene

Concen: 47.055 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MS

Tot Ion:112 Resp: 335682

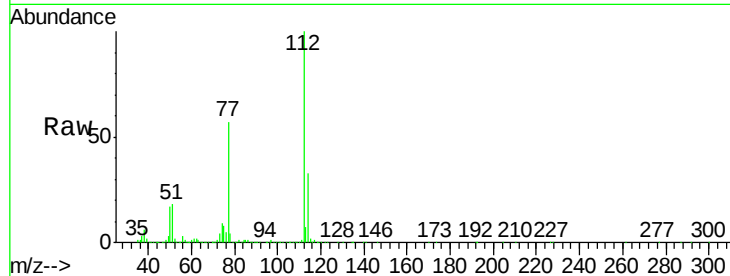
Ion Ratio Lower Upper

112 100

114 32.8 25.5 38.3

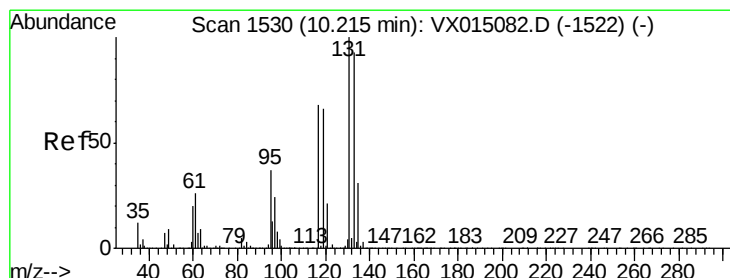
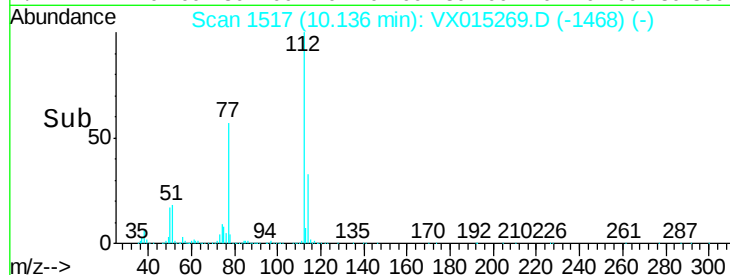
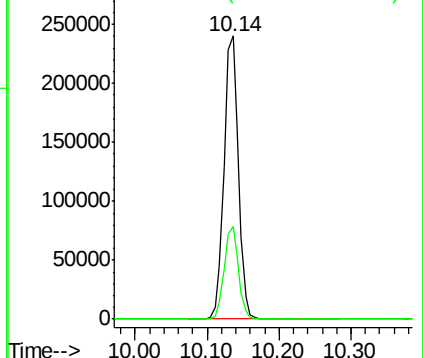
Manual Integrations
APPROVED

MMDadoda
3/16/2020 2:07:27 PM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 47.552 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

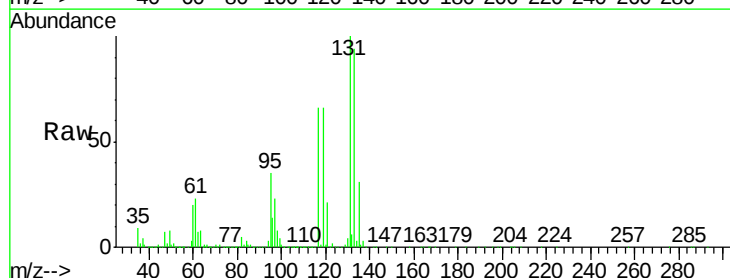
Tgt Ion:131 Resp: 127913

Ion Ratio Lower Upper

131 100

133 96.2 47.5 142.5

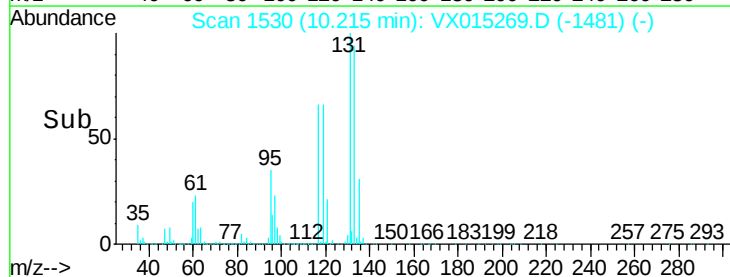
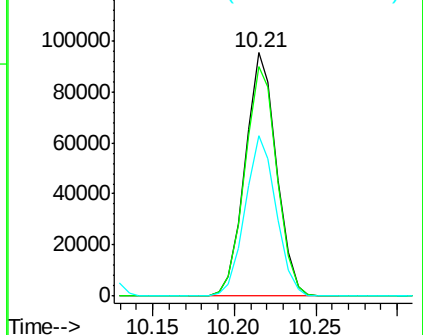
119 65.0 33.4 100.1

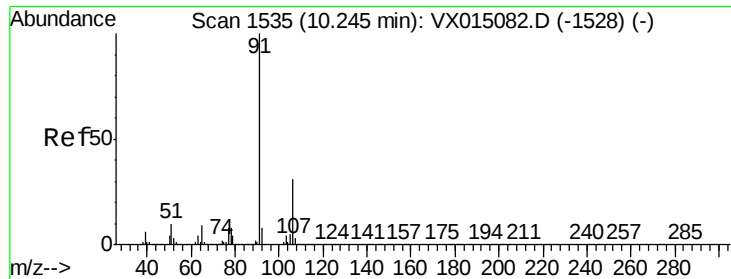


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





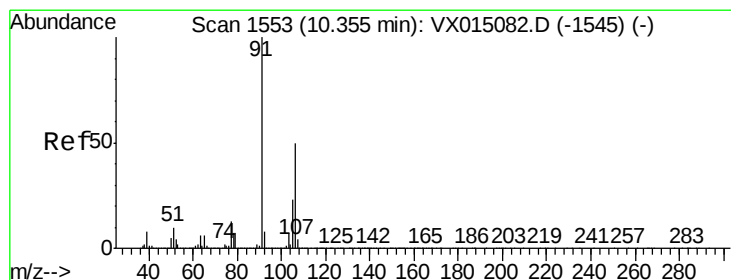
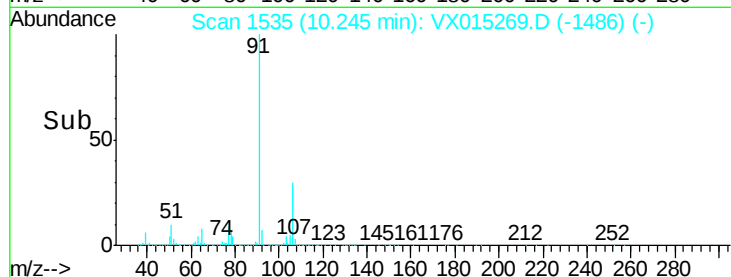
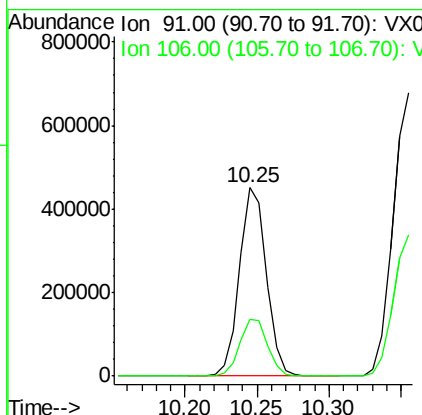
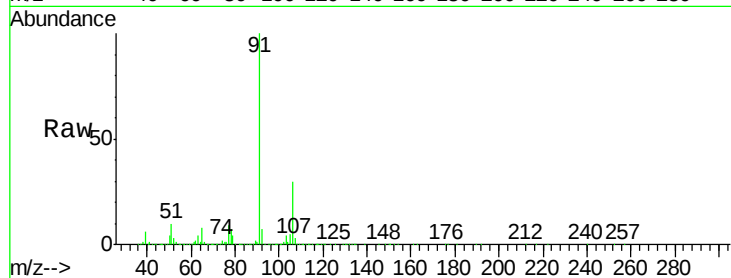
#67
Ethyl Benzene
Concen: 48.353 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

Tot Ion: 91 Resp: 585750
Ion Ratio Lower Upper
91 100
106 30.3 24.9 37.3

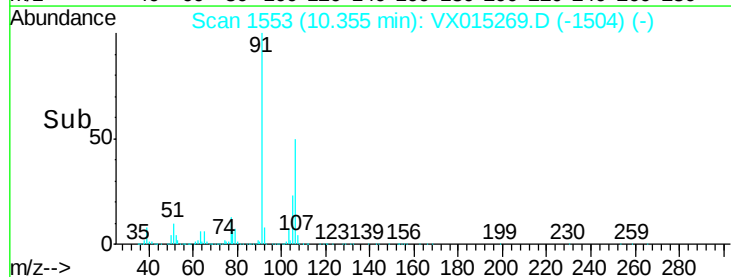
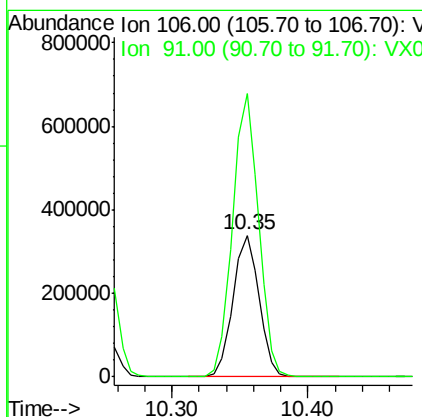
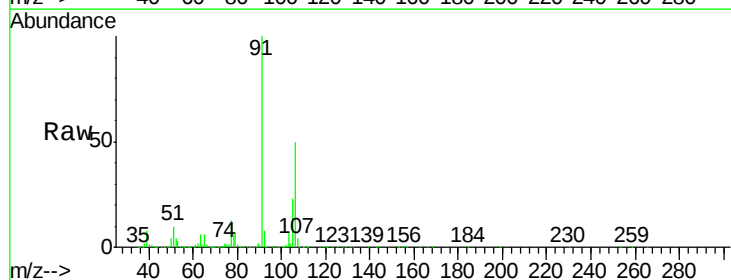
Manual Integrations
APPROVED

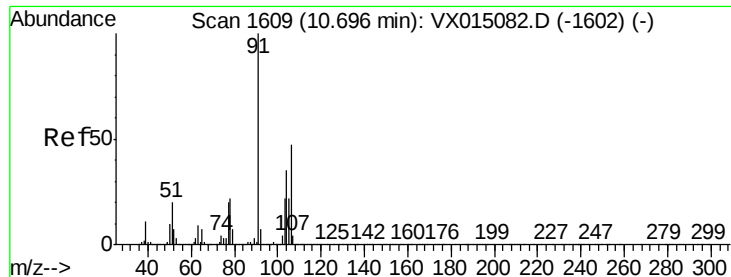
MMDadoda
3/16/2020 2:07:27 PM



#68
m/p-Xylenes
Concen: 98.032 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Tgt Ion: 106 Resp: 451822
Ion Ratio Lower Upper
106 100
91 199.6 159.4 239.2





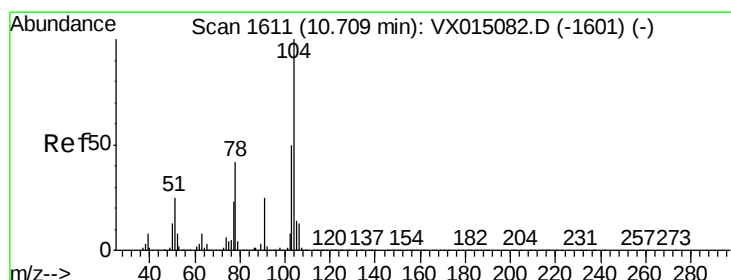
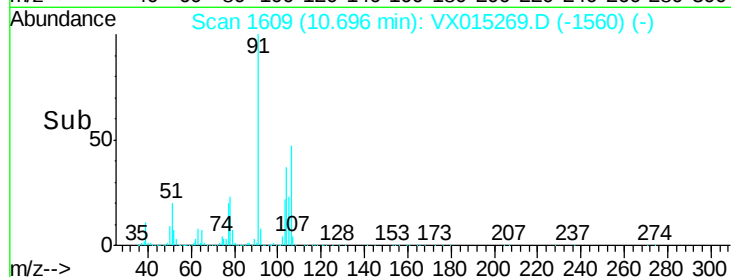
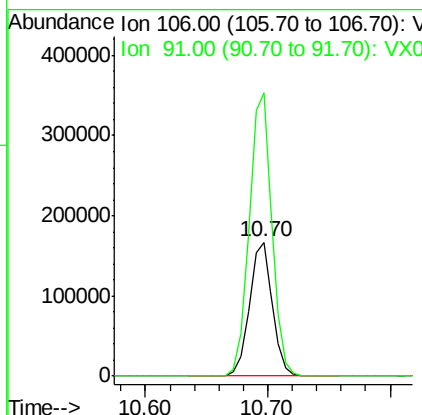
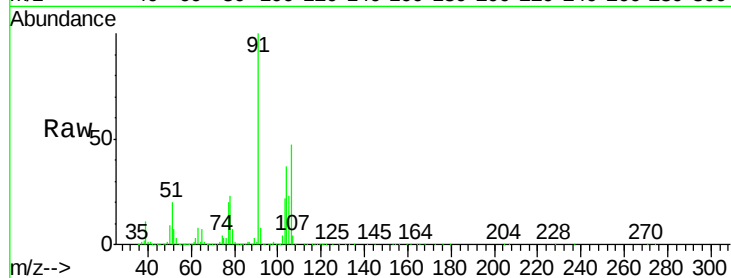
#69
o-Xylene
Concen: 48.904 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

Tot Ion	Ratio	Lower	Upper
106	100		
91	210.5	105.4	316.1

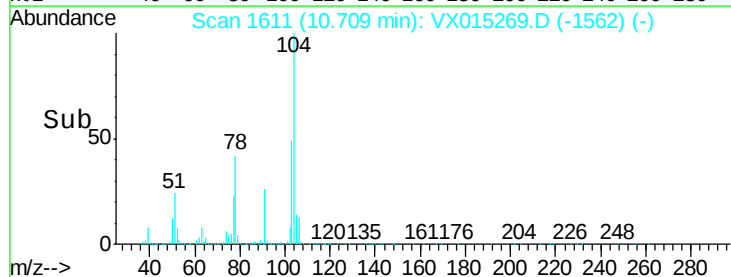
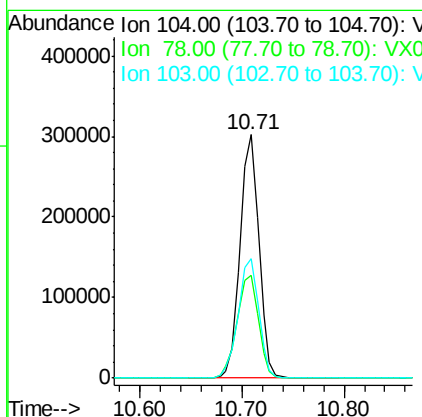
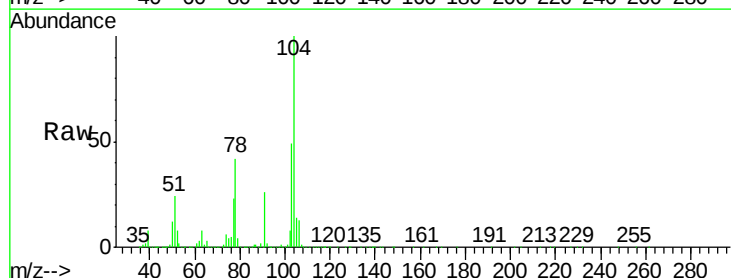
Manual Integrations
APPROVED

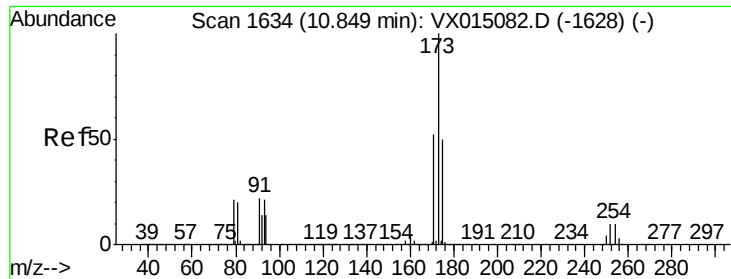
MMDadoda
3/16/2020 2:07:27 PM



#70
Styrene
Concen: 50.923 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.2	39.0	58.4
103	53.6	43.7	65.5





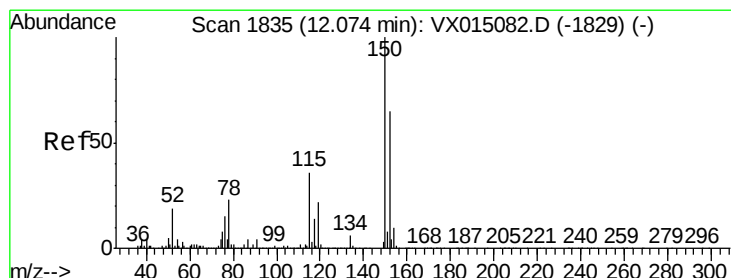
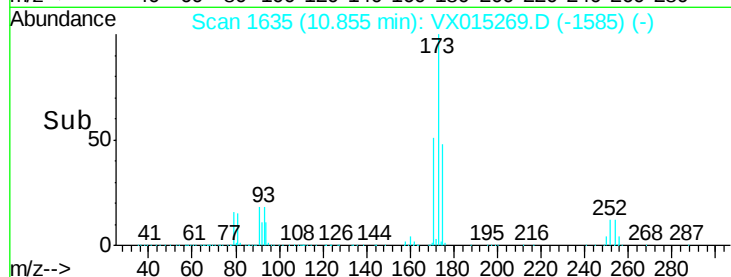
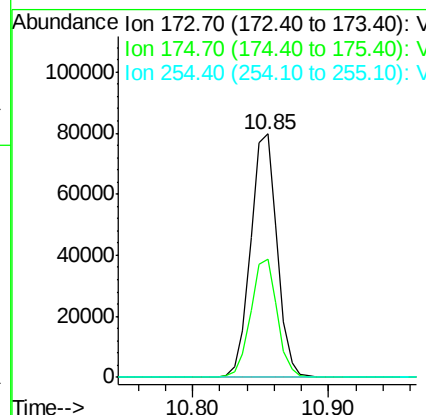
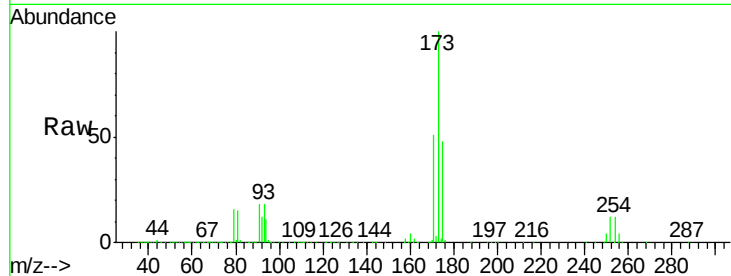
#71
Bromoform
Concen: 51.973 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.9	74.7
254	0.2	0.2	0.2

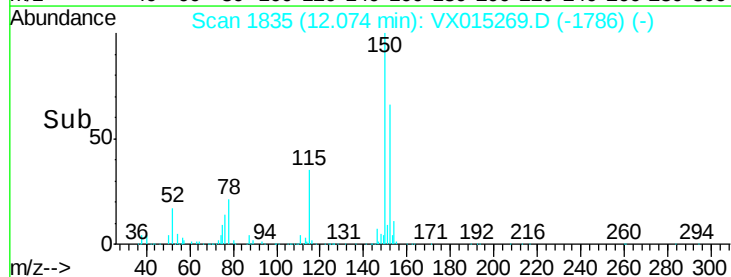
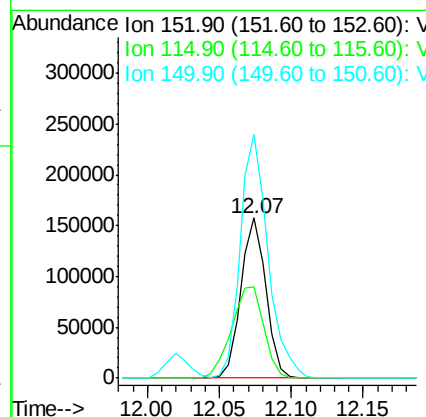
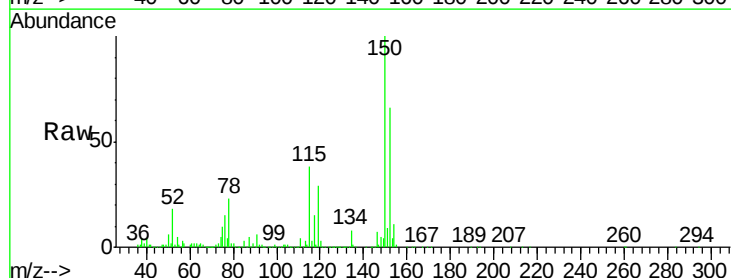
Manual Integrations
APPROVED

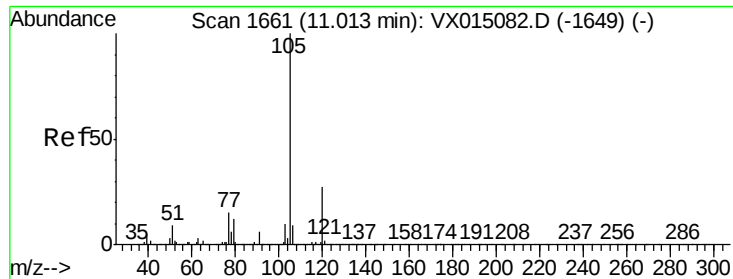
MMDadoda
3/16/2020 2:07:27 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Tgt Ion	Ratio	Lower	Upper
152	100		
115	74.3	38.2	114.6
150	169.1	0.0	343.8





#73

Isopropylbenzene

Concen: 47.692 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MS

Tot Ion:105 Resp: 580166

Ion Ratio Lower Upper

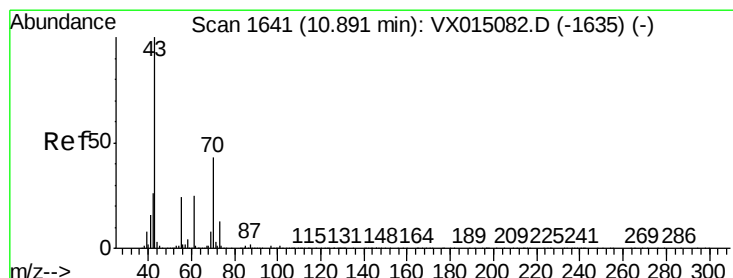
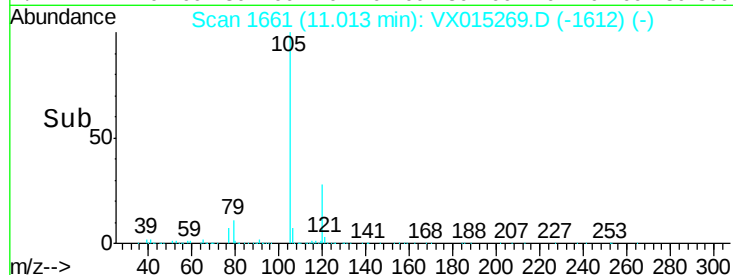
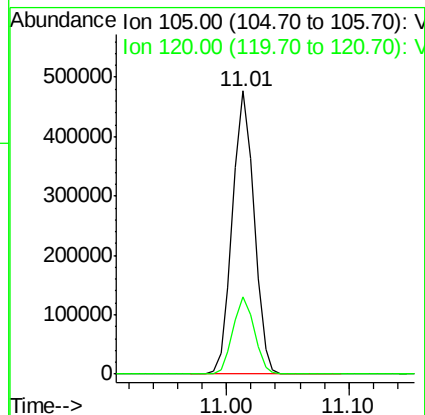
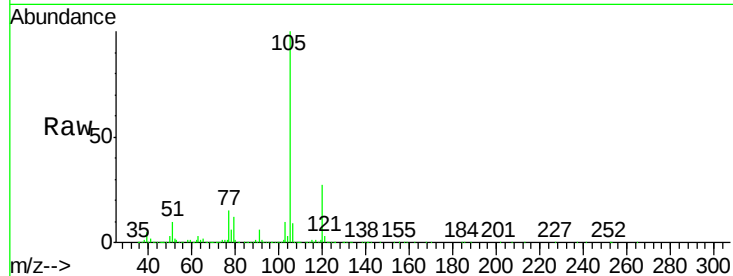
105 100

120 27.0

13.5 40.5

Manual Integrations
APPROVED

MMDadoda
3/16/2020 2:07:27 PM



#74

N-ethyl acetate

Concen: 50.214 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Tgt Ion: 43 Resp: 257432

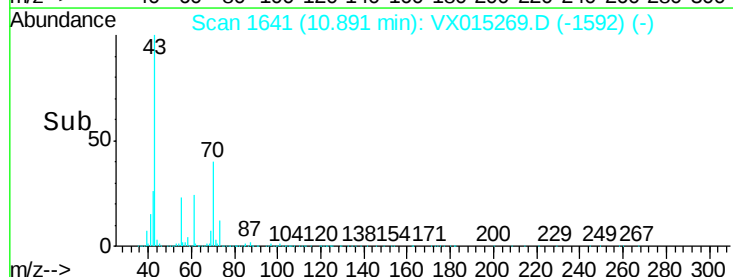
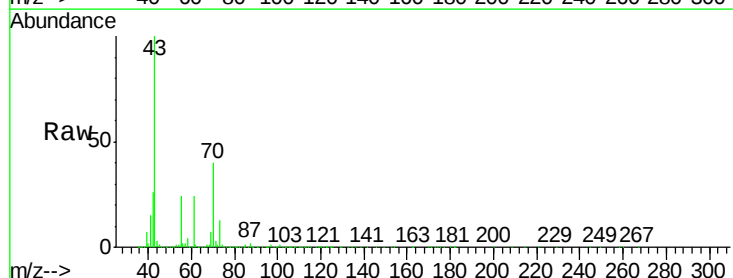
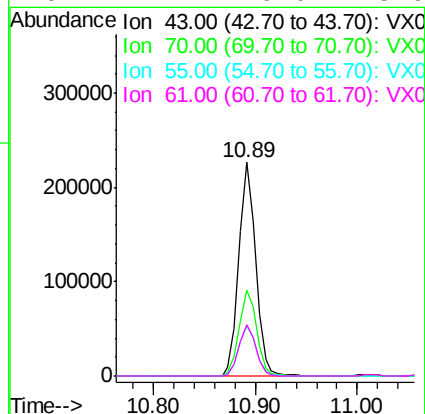
Ion Ratio Lower Upper

43 100

70 41.5 34.7 52.1

55 24.1 19.4 29.0

61 24.1 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 46.306 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

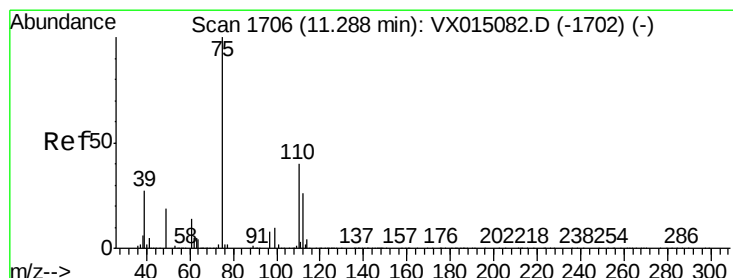
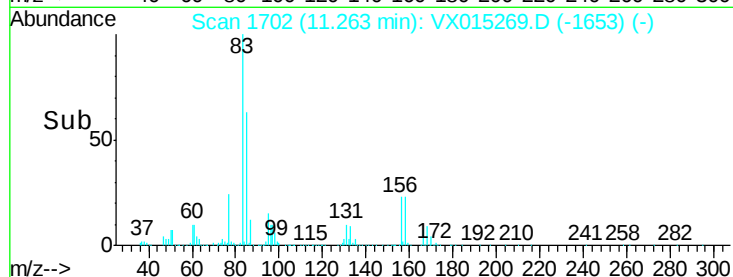
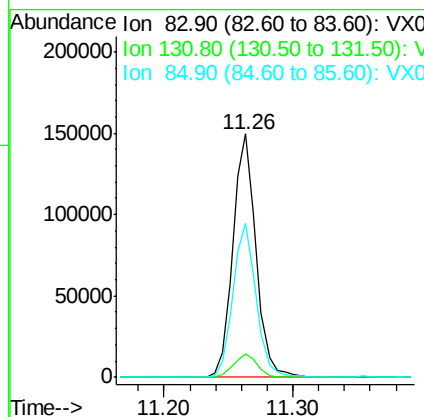
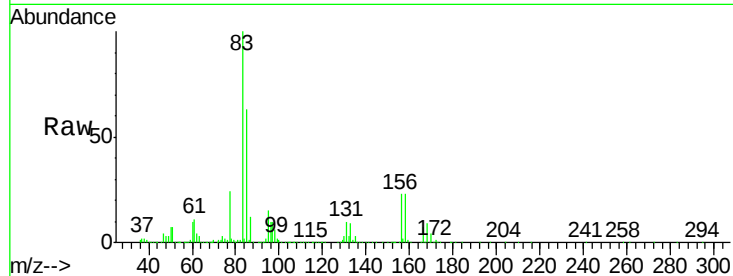
ClientSampleId :

RE131D1-20200309MS

Tot Ion:	83	Resp:	187730
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.0	14.9
85	63.7	31.9	95.9

Manual Integrations
APPROVED

MMDadoda
3/16/2020 2:07:27 PM



#76

1,2,3-Trichloropropane

Concen: 41.322 ug/l m

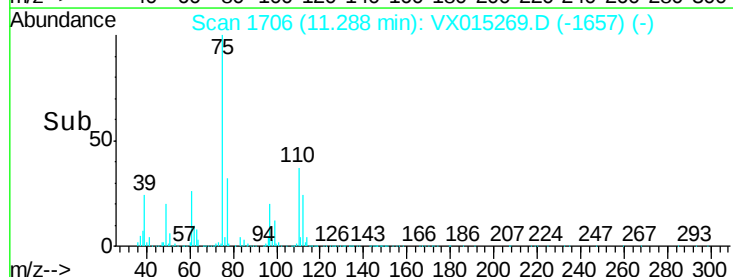
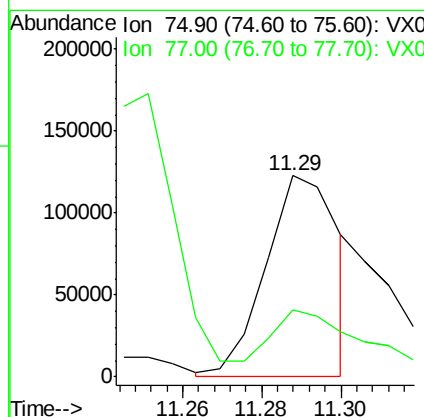
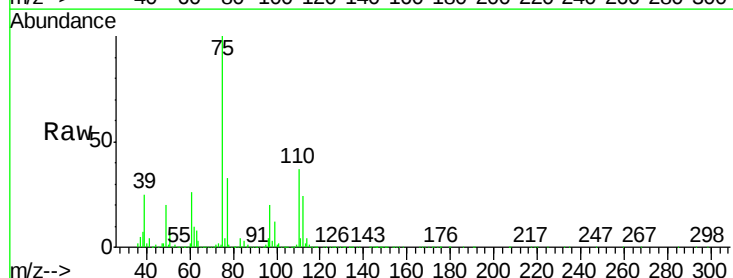
RT: 11.29 min Scan# 1706

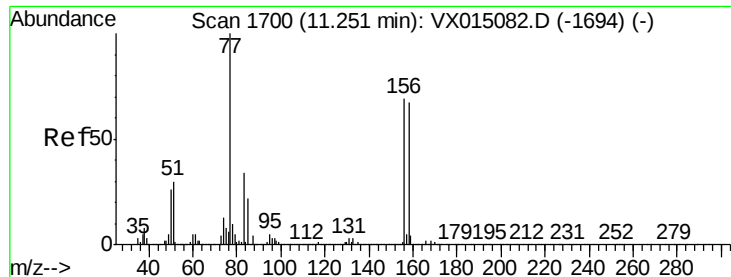
Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Tgt Ion:	75	Resp:	156964
Ion Ratio	Lower	Upper	
75	100		
77	42.5	22.6	67.8





#77

Bromobenzene

Concen: 45.657 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

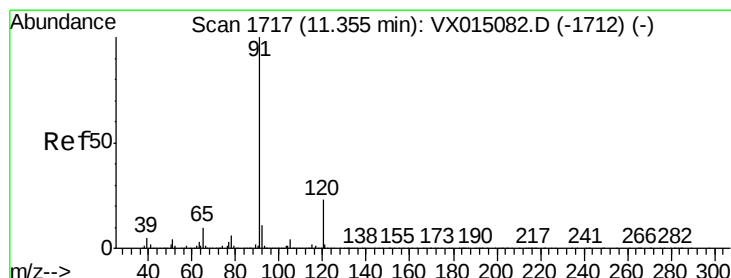
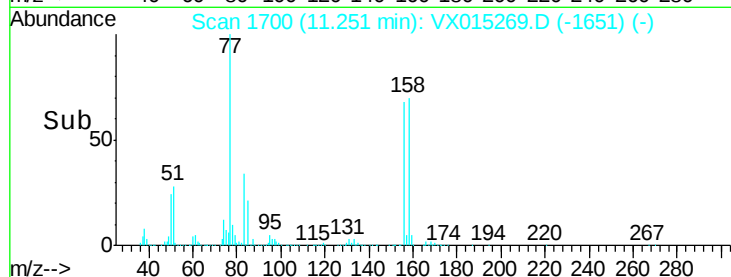
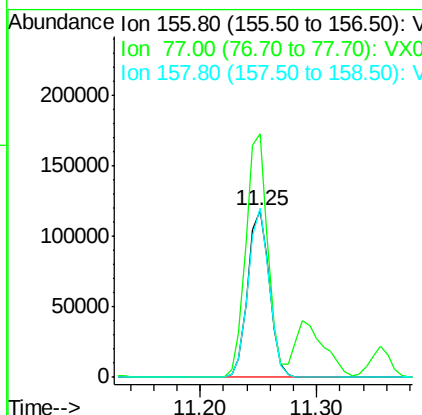
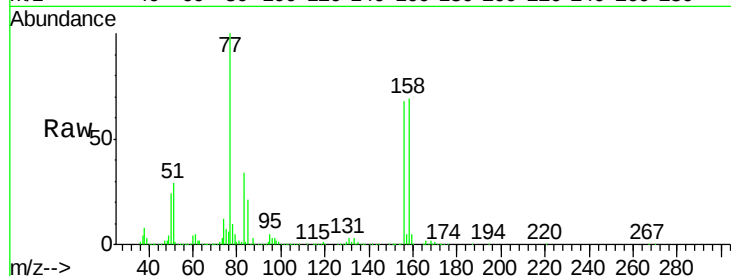
ClientSampleId :

RE131D1-20200309MS

Tot Ion	Ratio	Lower	Upper
156	100		
77	148.7	75.3	225.9
158	99.0	48.5	145.6

Manual Integrations
APPROVED

MMDadoda
3/16/2020 2:07:27 PM



#78

n-propylbenzene

Concen: 48.395 ug/l

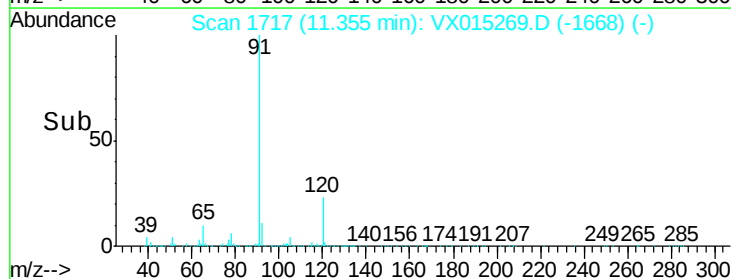
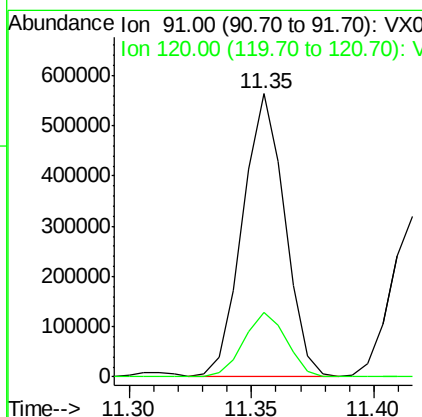
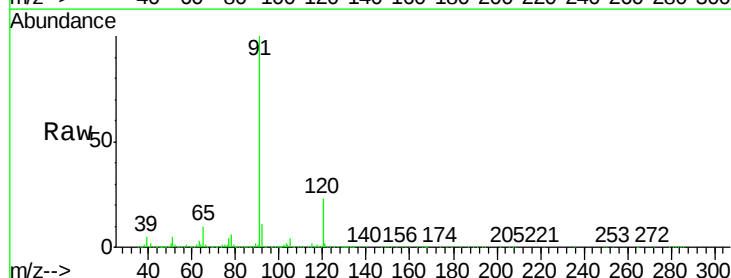
RT: 11.35 min Scan# 1717

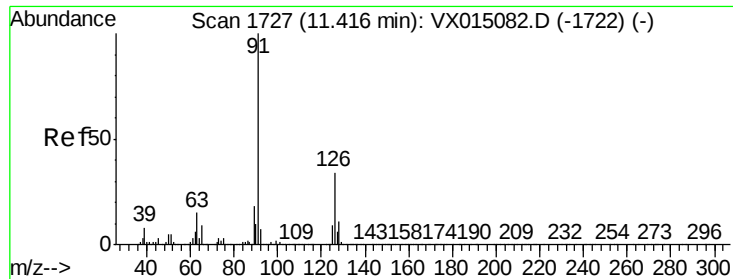
Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	11.7	35.1





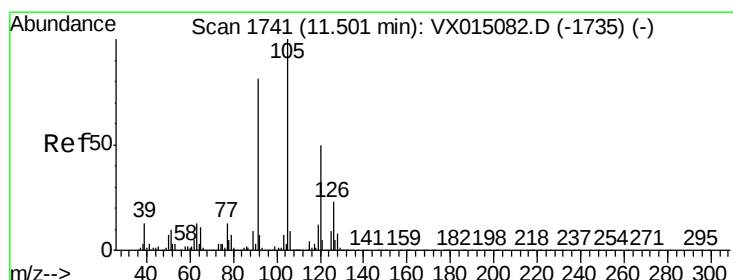
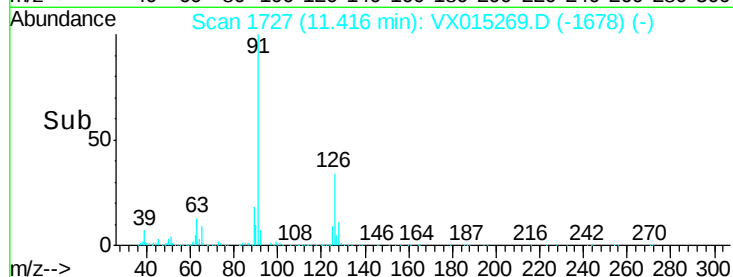
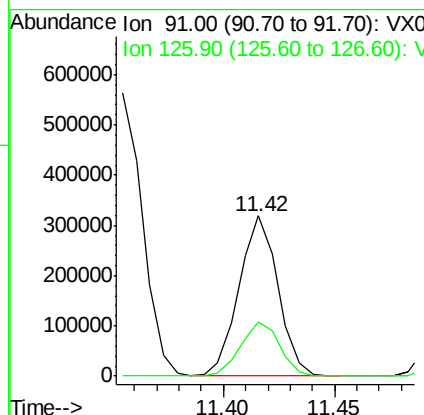
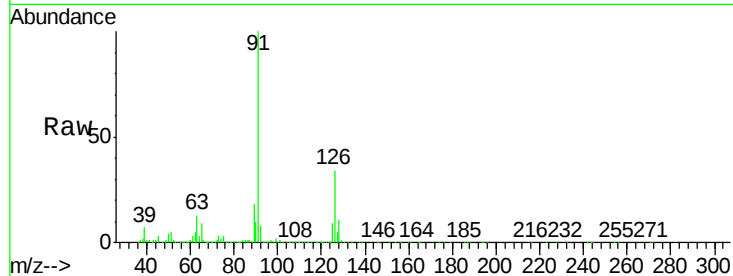
#79
2-Chlorotoluene
Concen: 46.866 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

Tot Ion	Ratio	Lower	Upper
91	100		
126	34.2	17.3	52.0

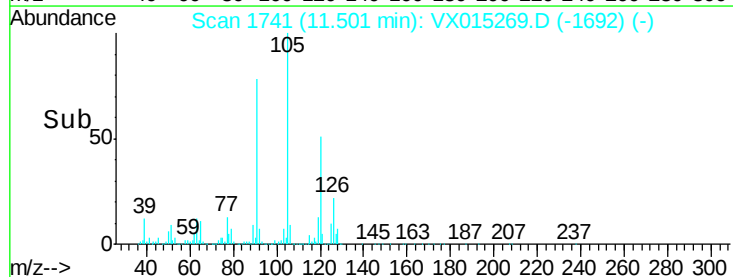
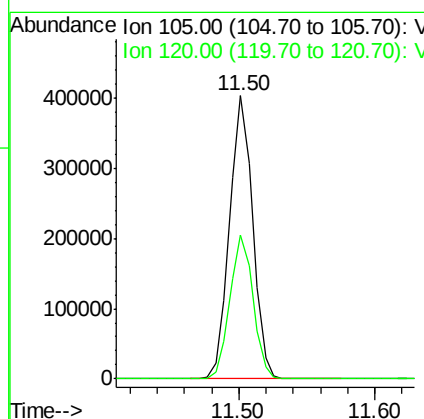
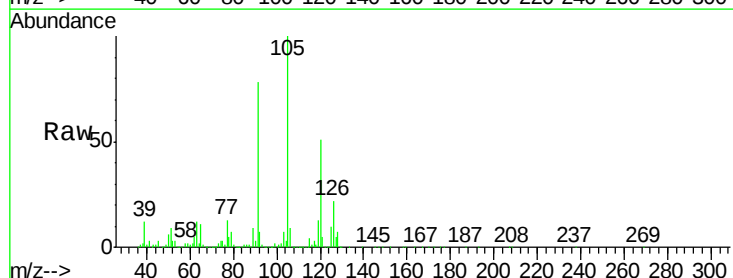
Manual Integrations
APPROVED

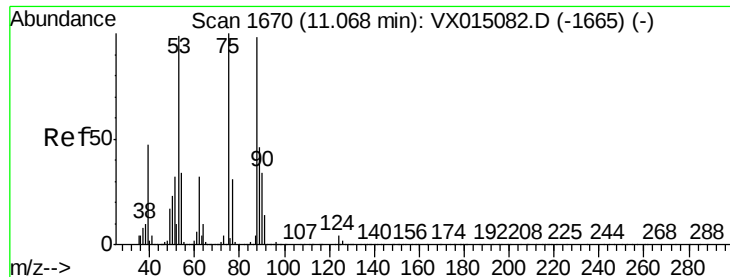
MMDadoda
3/16/2020 2:07:27 PM



#80
1,3,5-Trimethylbenzene
Concen: 47.078 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	51.0	25.1	75.4





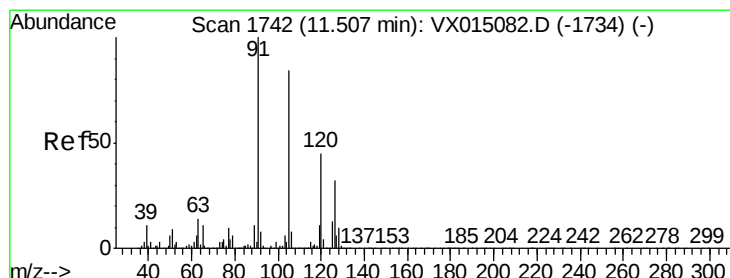
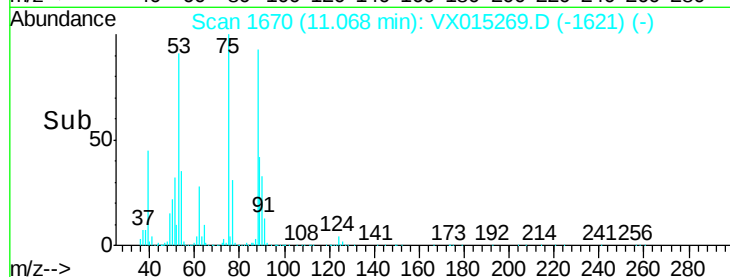
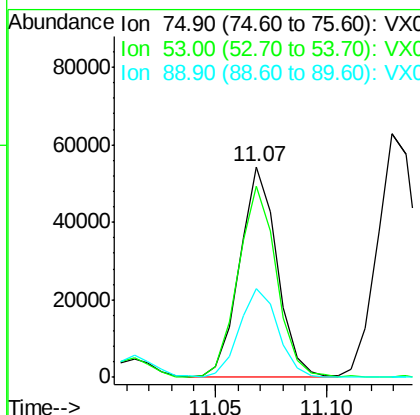
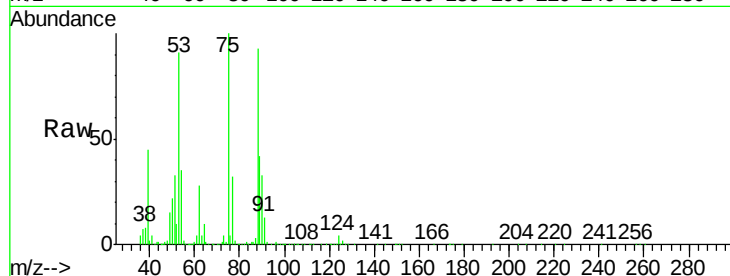
#81
trans-1,4-Dichloro-2-butene
Concen: 47.063 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.1	77.9	116.9
89	43.9	36.2	54.2

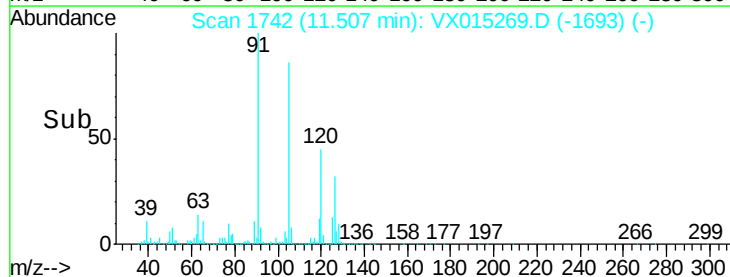
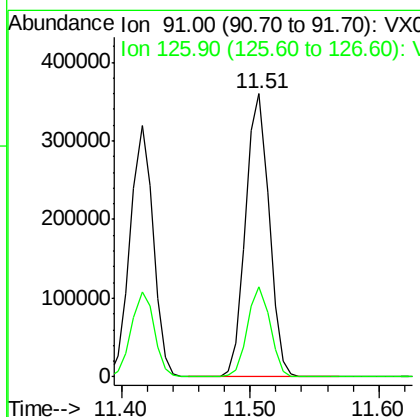
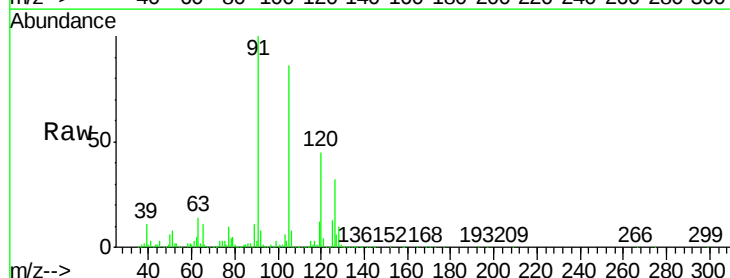
Manual Integrations
APPROVED

MMDadoda
3/16/2020 2:07:27 PM



#82
4-Chlorotoluene
Concen: 46.144 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	15.4	46.2





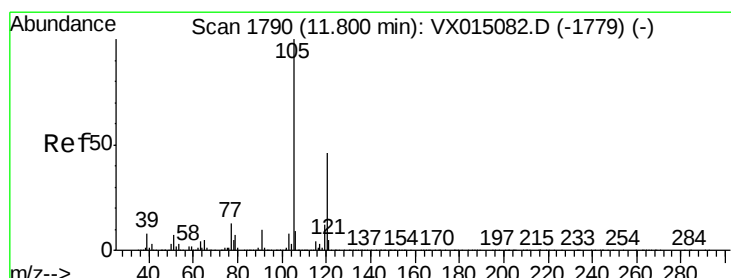
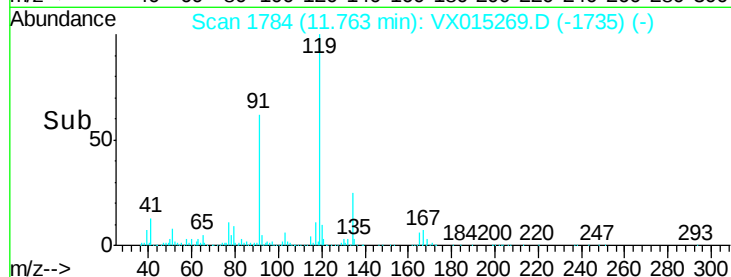
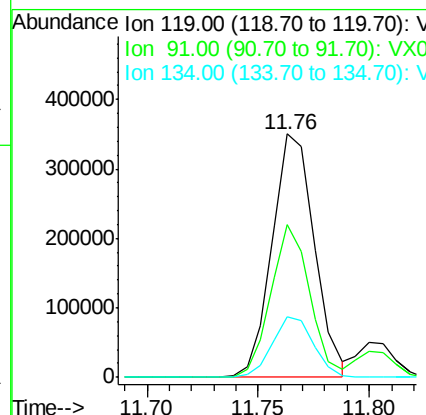
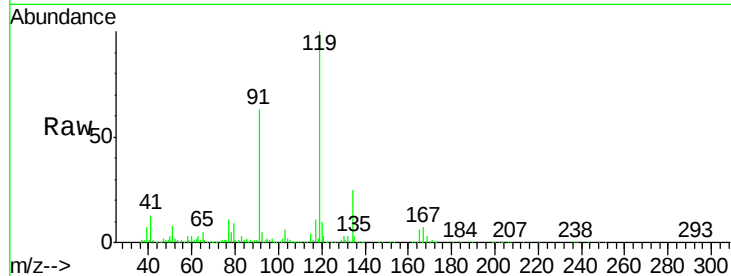
#83
tert-Butylbenzene
Concen: 47.134 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

Tot Ion	Ratio	Resp	Lower	Upper
119	100	461528		
91	57.8	28.5	85.6	
134	24.4	11.9	35.7	

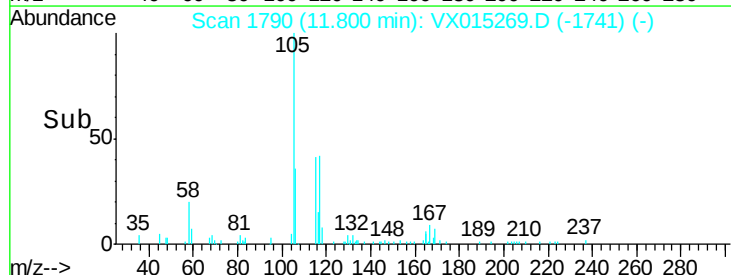
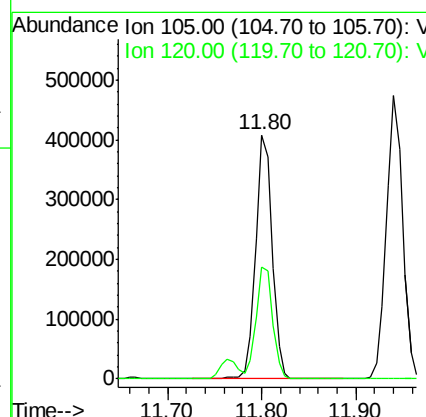
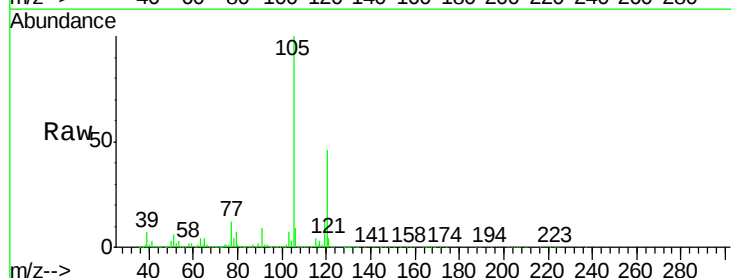
Manual Integrations
APPROVED

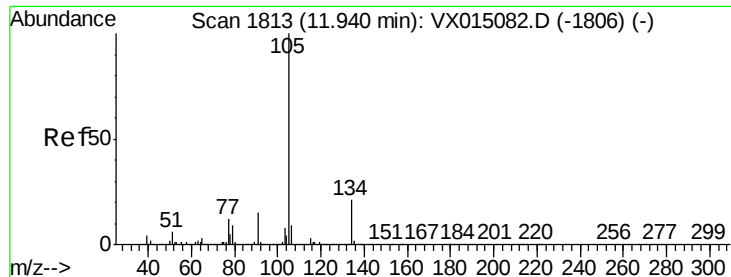
MMDadoda
3/16/2020 2:07:27 PM



#84
1,2,4-Trimethylbenzene
Concen: 48.916 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	497645		
120	45.9	22.9	68.5	





#85

sec-Butylbenzene

Concen: 48.280 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

RE131D1-20200309MS

Tot Ion:105 Resp: 570697

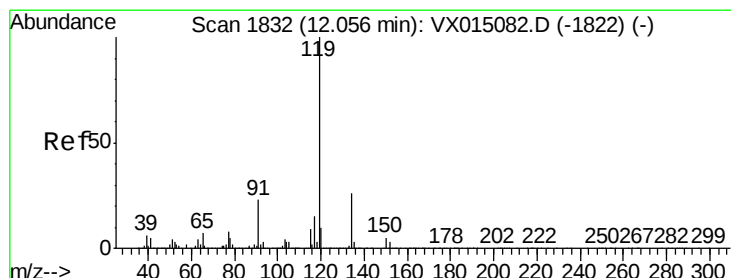
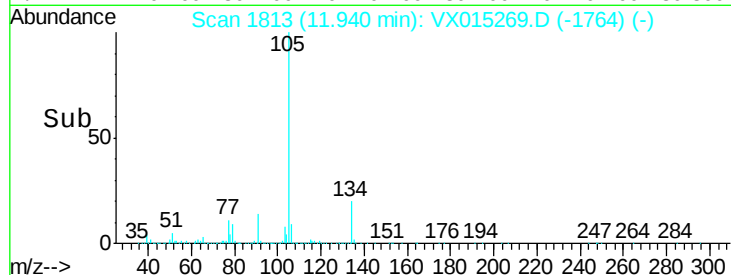
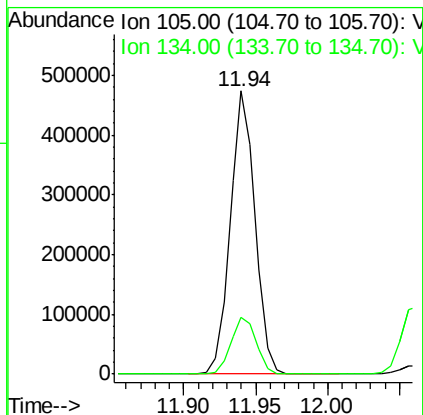
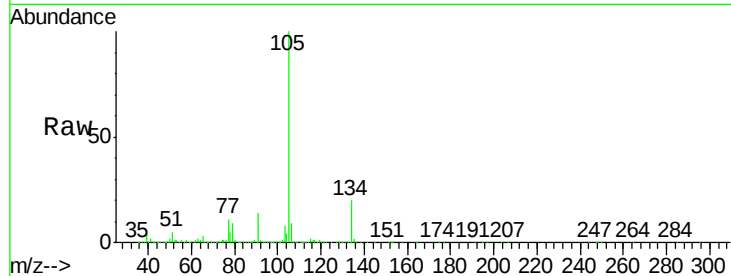
Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.2

Manual Integrations
APPROVED

MMDadoda
3/16/2020 2:07:27 PM



#86

p-Isopropyltoluene

Concen: 48.636 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

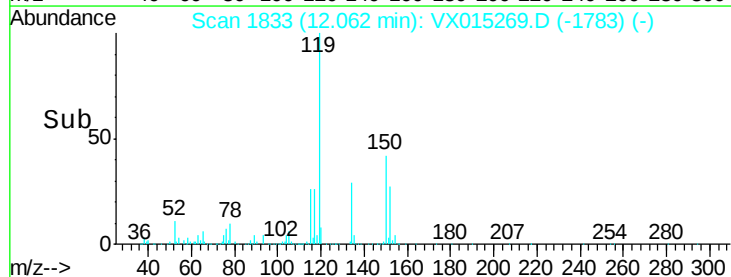
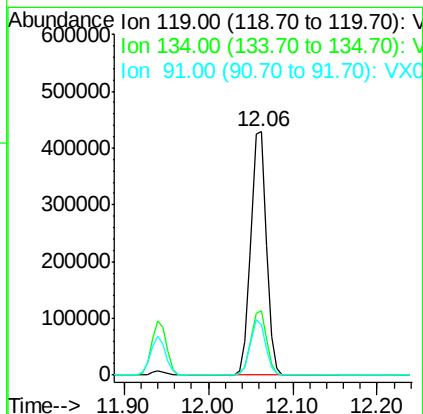
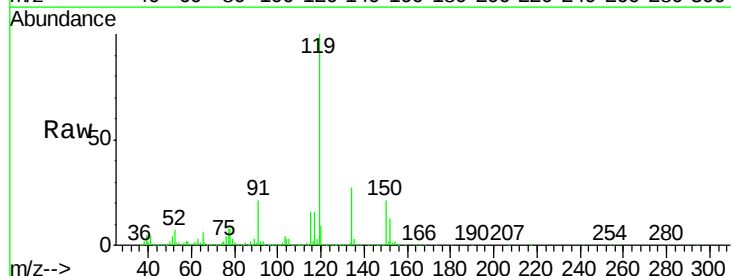
Tgt Ion:119 Resp: 529673

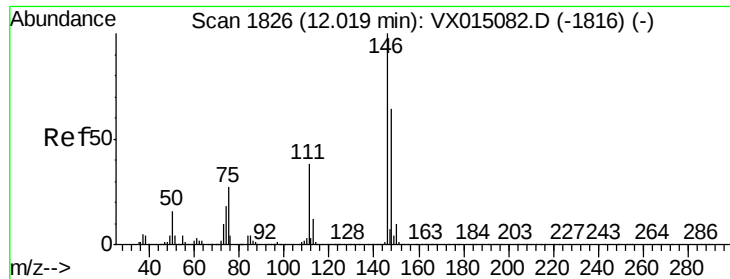
Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.1

91 21.9 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 46.610 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

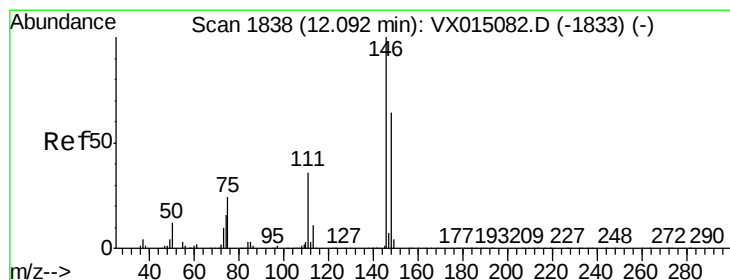
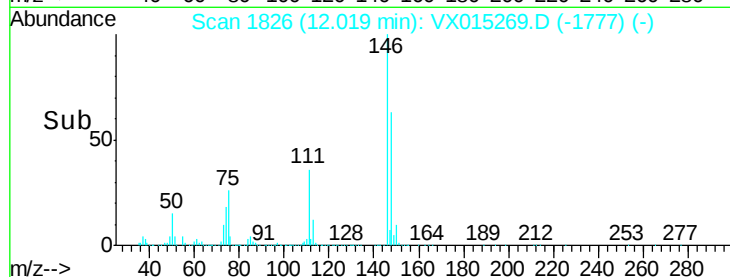
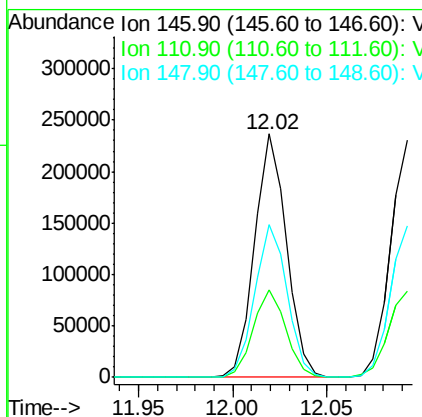
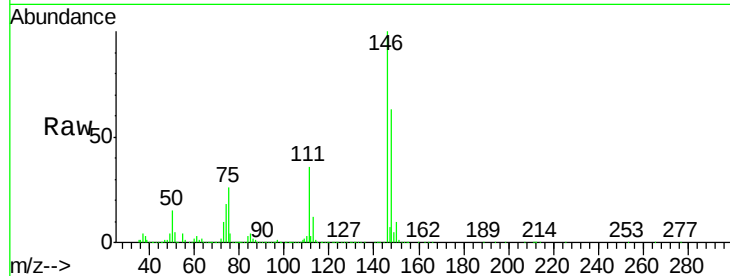
Instrument :
MSVOA_X

ClientSampleId :
RE131D1-20200309MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.1	19.1	57.1
148	63.9	31.9	95.5

Manual Integrations
APPROVED

MMDadoda
3/16/2020 2:07:27 PM



#88

1,4-Dichlorobenzene

Concen: 45.293 ug/l

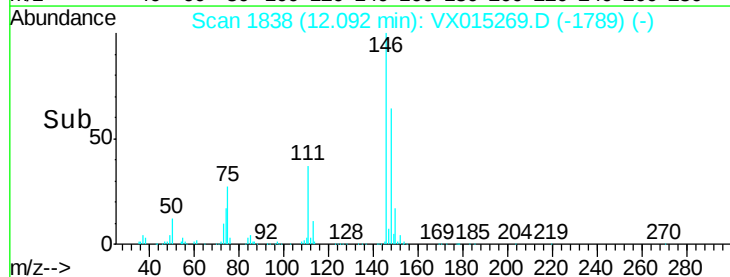
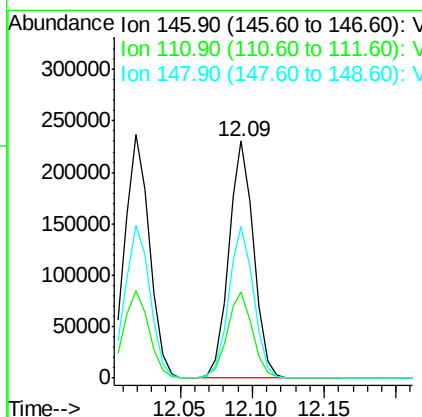
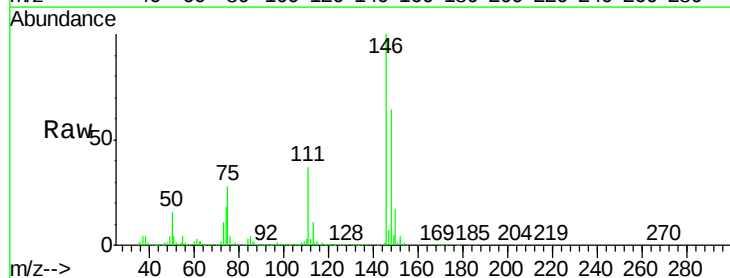
RT: 12.09 min Scan# 1838

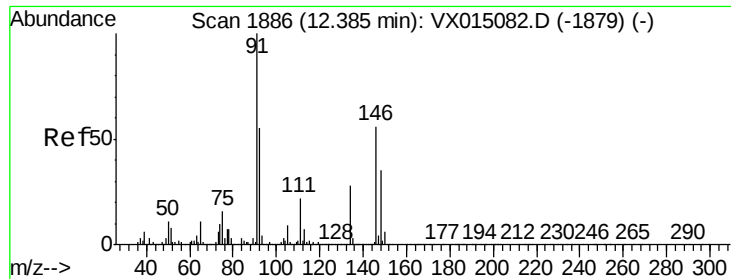
Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.7	56.1
148	64.1	32.5	97.4





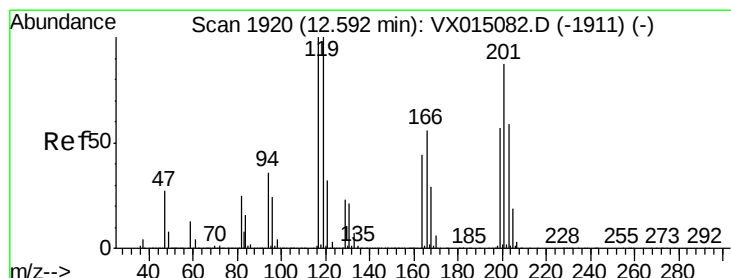
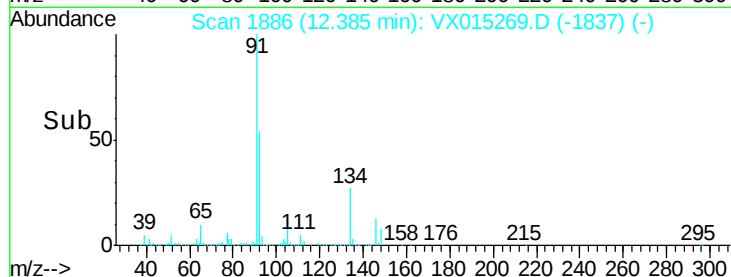
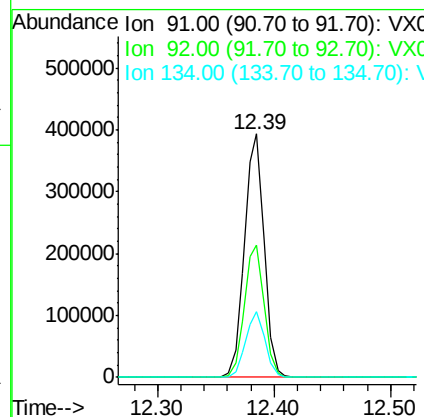
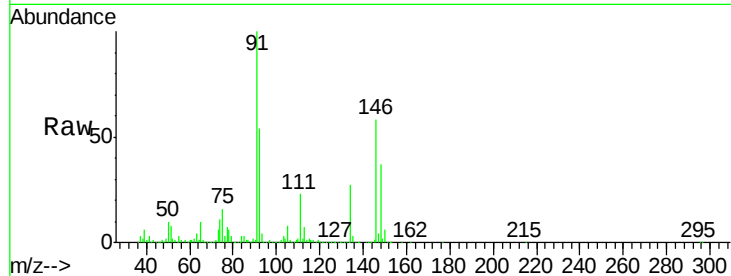
#89
n-Butylbenzene
Concen: 47.760 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.5	27.2	81.6
134	26.8	13.5	40.5

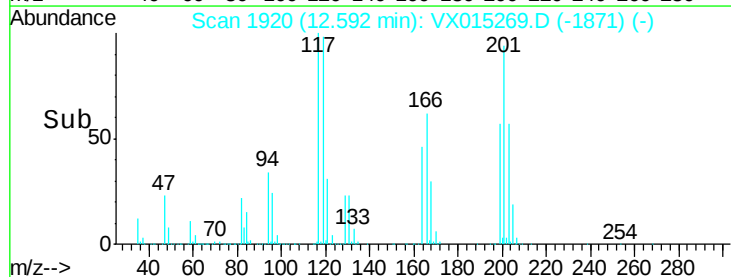
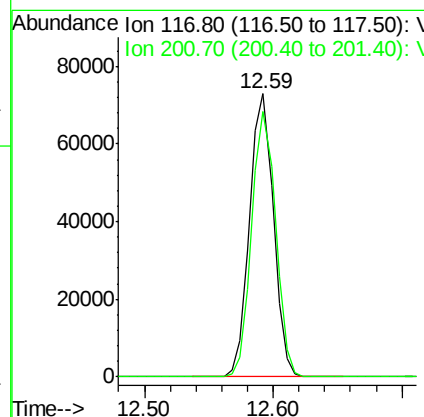
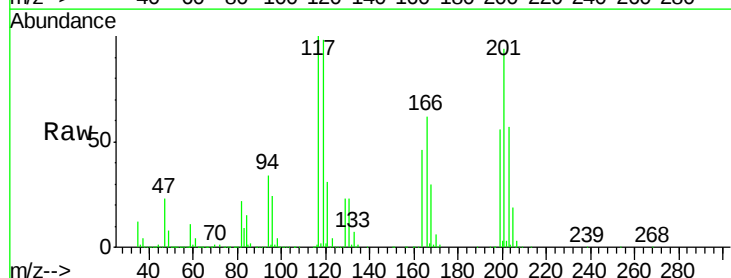
Manual Integrations
APPROVED

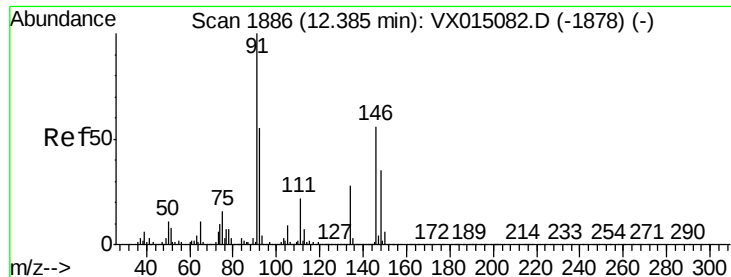
MMDadoda
3/16/2020 2:07:27 PM



#90
Hexachloroethane
Concen: 45.292 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	93.7	43.5	130.7





#91

1,2-Dichlorobenzene

Concen: 46.092 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Instrument :

MSVOA_X

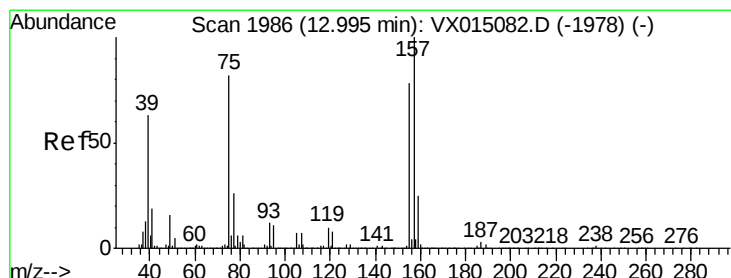
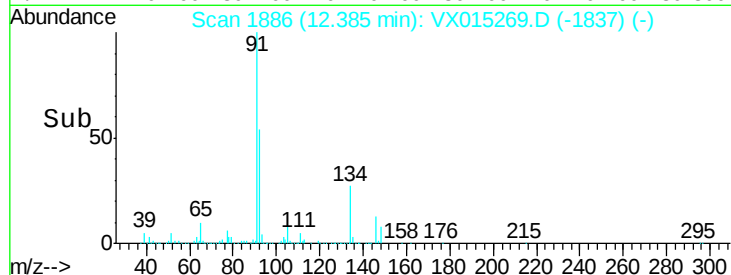
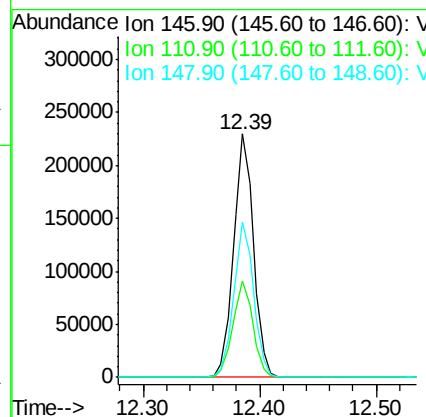
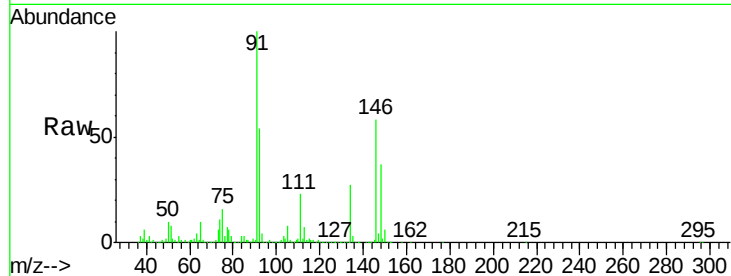
ClientSampleId :

RE131D1-20200309MS

Tot Ion:	146	Resp:	273112
Ion Ratio	Lower	Upper	
146	100		
111	39.8	19.9	59.7
148	63.8	32.3	96.8

Manual Integrations
APPROVED

MMDadoda
3/16/2020 2:07:27 PM



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.745 ug/l

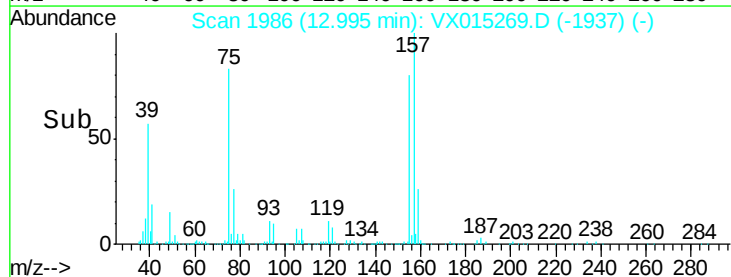
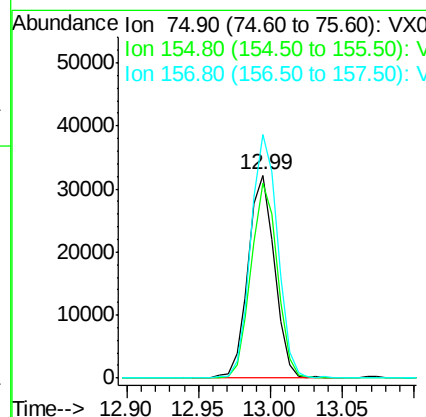
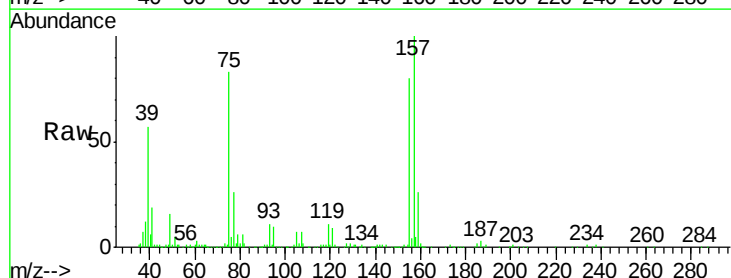
RT: 12.99 min Scan# 1986

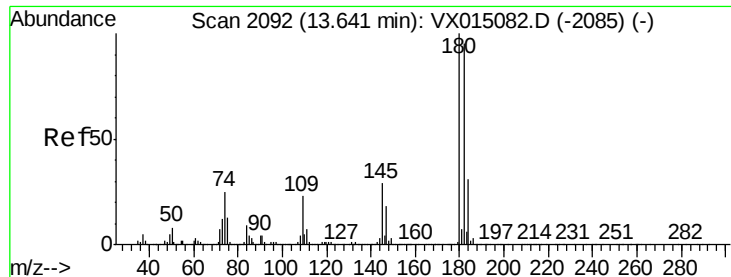
Delta R.T. 0.00 min

Lab File: VX015269.D

Acq: 13 Mar 2020 18:44

Tgt Ion:	75	Resp:	40384
Ion Ratio	Lower	Upper	
75	100		
155	96.4	46.6	139.7
157	122.5	59.2	177.5





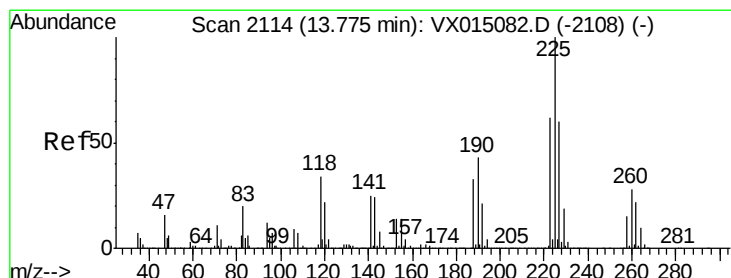
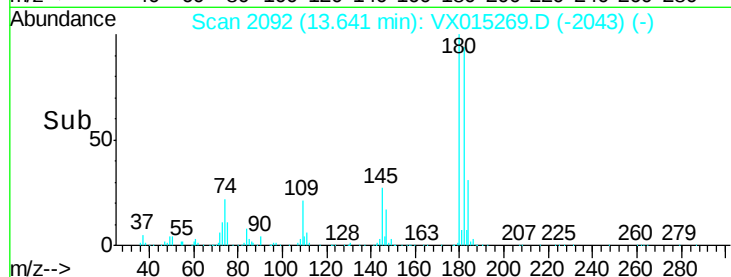
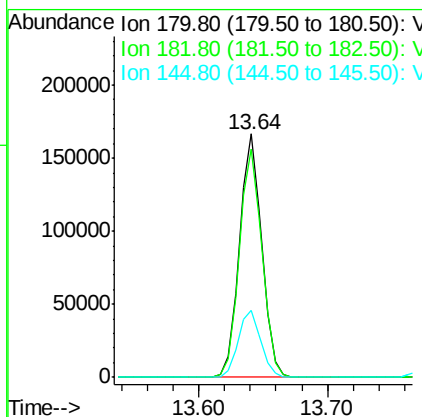
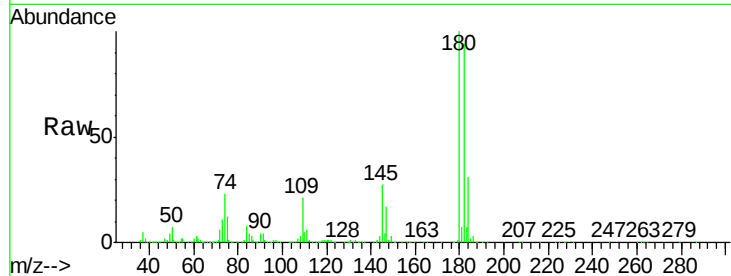
#93
 1,2,4-Trichlorobenzene
 Concen: 48.307 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015269.D
 Acq: 13 Mar 2020 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D1-20200309MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	198687		
182	95.5	47.6	142.8	
145	28.1	14.1	42.2	

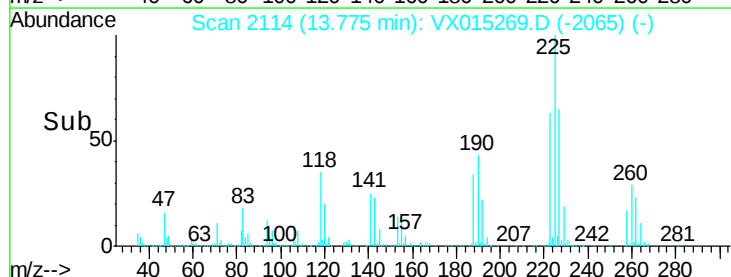
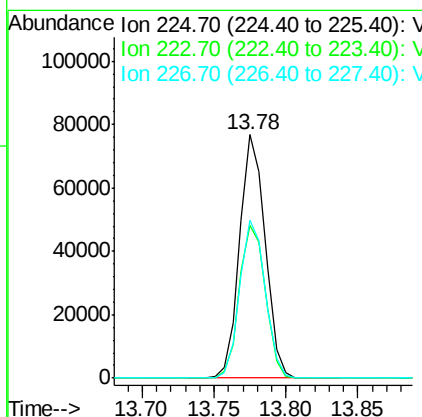
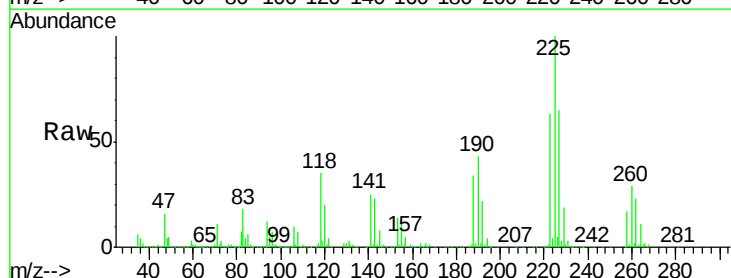
Manual Integrations
 APPROVED

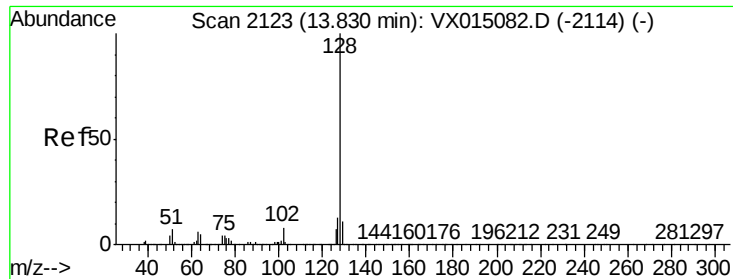
MMDadoda
 3/16/2020 2:07:27 PM



#94
 Hexachlorobutadiene
 Concen: 44.835 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015269.D
 Acq: 13 Mar 2020 18:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	94627		
223	64.1	31.3	93.9	
227	64.7	31.1	93.2	





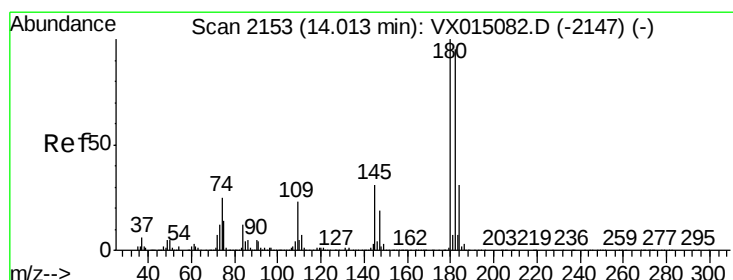
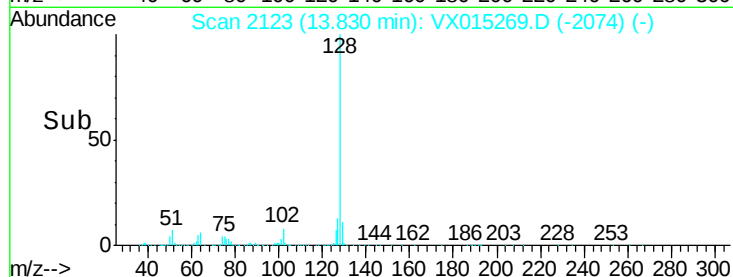
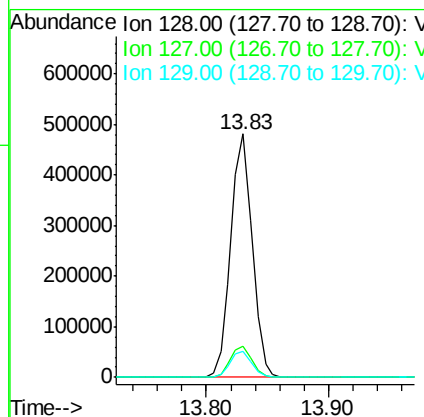
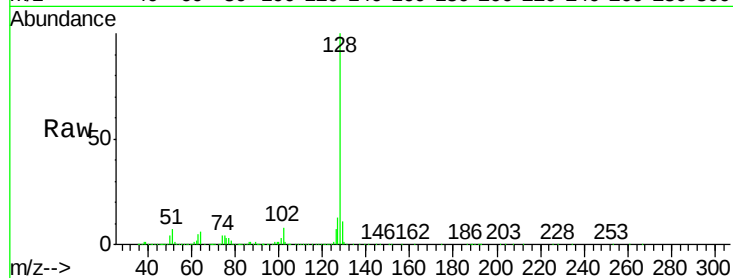
#95
Naphthalene
Concen: 46.271 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Instrument :
MSVOA_X
ClientSampleId :
RE131D1-20200309MS

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
3/16/2020 2:07:27 PM



#96
1,2,3-Trichlorobenzene
Concen: 48.975 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX015269.D
Acq: 13 Mar 2020 18:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.8	143.4
145	29.6	15.1	45.3

