

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX043020\
 Data File : VX015992.D
 Acq On : 30 Apr 2020 13:32
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX043020

Manual Integrations
 APPROVED

MMDadoda
 5/4/2020 3:10:17 PM

Quant Time: May 01 08:03:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X043020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:42:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	50730	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	275563	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	253759	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	118330	30.35	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.17%
60) 4-Bromofluorobenzene	11.12	95	124505	29.26	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.53%
63) Toluene-d8	8.70	98	330811	30.39	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.30%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	64808	18.547	ug/l 100
3) Chloromethane	1.31	50	61106	17.849	ug/l 99
4) Vinyl Chloride	1.39	62	67693	17.403	ug/l 99
5) Bromomethane	1.63	94	48964	20.537	ug/l 97
6) Chloroethane	1.72	64	44402	17.413	ug/l 99
7) Trichlorofluoromethane	1.92	101	100451	18.030	ug/l 99
8) Diethyl Ether	2.17	74	40089	18.027	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	50686	17.616	ug/l 100
10) 1,1-Dichloroethene	2.36	96	50109	17.262	ug/l 95
11) Methyl Iodide	2.49	142	66210	16.707	ug/l 97
12) Methyl Acetate	2.75	43	94880	18.720	ug/l 99
13) Acrolein	2.27	56	41623	102.443	ug/l 98
14) Acrylonitrile	3.11	53	169056	90.303	ug/l 100
15) Acetone	2.42	58	44119	89.049	ug/l 93
16) Carbon Disulfide	2.55	76	155841	17.647	ug/l 98
17) Allyl chloride	2.71	41	94019	17.459	ug/l 98
18) Methylene Chloride	2.83	84	58216	17.902	ug/l 98
19) trans-1,2-Dichloroethene	3.14	96	56031	17.648	ug/l 94
20) Diisopropyl ether	3.82	45	183983	17.720	ug/l # 84
21) 1,1-Dichloroethane	3.67	63	100593	17.375	ug/l 99
22) cis-1,2-Dichloroethene	4.56	96	62585	17.370	ug/l 100
23) tert-Butyl Alcohol	3.01	59	81758	89.216	ug/l # 100
24) Methyl tert-Butyl Ether	3.17	73	191756	18.394	ug/l 99
25) Chloroform	5.17	83	103607	17.621	ug/l 99
26) Cyclohexane	5.55	56	91546	17.292	ug/l # 98
29) 1,1-Dichloropropene	5.77	75	77486	17.879	ug/l 99
30) 2-Butanone	4.63	43	241297	93.437	ug/l 99
31) 2,2-Dichloropropane	4.55	77	93018	17.834	ug/l 100
32) 1,1,1-Trichloroethane	5.46	97	93203	17.728	ug/l 98
33) Carbon Tetrachloride	5.75	117	82863	17.702	ug/l 99
34) Benzene	6.11	78	226703	17.909	ug/l 97
35) Methacrylonitrile	5.00	41	50673	18.477	ug/l 97
36) 1,2-Dichloroethane	6.16	62	89200	18.451	ug/l 99
37) Trichloroethene	7.19	130	83322	18.502	ug/l 99
38) Methylcyclohexane	7.44	83	94270	17.799	ug/l 99
39) 1,2-Dichloropropane	7.49	63	59097	18.186	ug/l 94
40) Dibromomethane	7.64	93	41845	18.545	ug/l 99

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 30 12:42:44 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	81955	17.618	ug/l	96
42) Vinyl Acetate	3.78	43	784881	91.867	ug/l	100
43) Ethyl Acetate	4.79	43	93792	18.412	ug/l	98
44) Isopropyl Acetate	6.41	43	152854	18.491	ug/l	100
45) 1,4-Dioxane	7.71	88	32007	366.552	ug/l	98
46) Methyl methacrylate	7.74	41	71316	18.198	ug/l	96
47) n-amyl Acetate	10.88	43	127074	17.580	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	95915	17.757	ug/l	99
49) cis-1,3-Dichloropropene	8.42	75	100802	18.062	ug/l	97
50) 1,1,2-Trichloroethane	9.20	97	57043	17.940	ug/l	99
51) Ethyl methacrylate	9.16	69	93617	17.830	ug/l	98
52) 1,3-Dichloropropane	9.35	76	101171	18.406	ug/l	100
53) Dibromochloromethane	9.57	129	64133	17.728	ug/l	100
54) 1,2-Dibromoethane	9.65	107	63073	18.049	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	252799	88.499	ug/l	100
56) Bromoform	10.84	173	45901	16.840	ug/l	97
58) 4-Methyl-2-Pentanone	8.62	43	462426	92.408	ug/l	100
59) 2-Hexanone	9.47	43	354219	91.640	ug/l	100
61) Tetrachloroethene	9.32	164	92681	18.464	ug/l	98
62) Toluene	8.76	91	245113	18.080	ug/l	100
64) Chlorobenzene	10.12	112	154053	17.847	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	58501	17.852	ug/l	99
66) Ethyl Benzene	10.24	91	278417	18.035	ug/l	100
67) m/p-Xylenes	10.34	106	208609	35.473	ug/l	99
68) o-Xylene	10.68	106	101236	17.852	ug/l	98
69) Styrene	10.70	104	167294	17.236	ug/l	99
70) Isopropylbenzene	11.00	105	271307	17.719	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	46435	16.314	ug/l	97
72) 1,2,3-Trichloropropane	11.28	75	84756m	18.385	ug/l	
73) Bromobenzene	11.24	156	68268	17.694	ug/l	99
74) n-propylbenzene	11.34	91	314333	17.675	ug/l	100
75) 2-Chlorotoluene	11.40	91	184286	17.634	ug/l	99
76) 1,3,5-Trimethylbenzene	11.49	105	224620	17.283	ug/l	100
77) t-1,4-Dichloro-2-butene	11.06	75	34470	17.390	ug/l	97
78) 4-Chlorotoluene	11.49	91	217719	17.600	ug/l	99
79) tert-butylbenzene	11.76	119	194713	17.542	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	228221	17.577	ug/l	100
81) sec-Butylbenzene	11.93	105	262307	17.521	ug/l	99
82) p-Isopropyltoluene	12.05	119	241995	17.443	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	123304	17.726	ug/l	99
84) 1,4-Dichlorobenzene	12.08	146	123907	17.926	ug/l	99
85) n-Butylbenzene	12.37	91	219318	17.306	ug/l	100
86) Hexachloroethane	12.58	117	41701	17.074	ug/l	95
87) 1,2-Dichlorobenzene	12.38	146	121757	18.098	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.98	75	20617	17.310	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	84981	17.149	ug/l	96
90) Hexachlorobutadiene	13.76	225	38602	18.125	ug/l	98
91) Naphthalene	13.82	128	282261	17.891	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	84355	17.719	ug/l	99

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ClientSampleId :
ICVVX043020

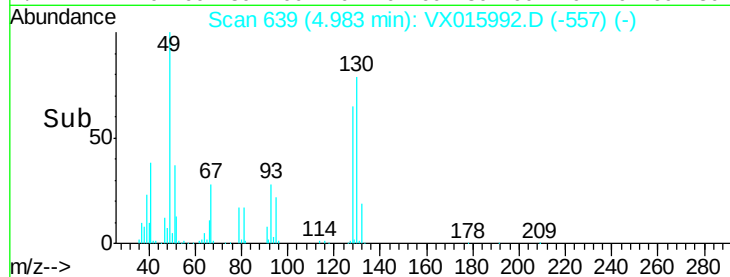
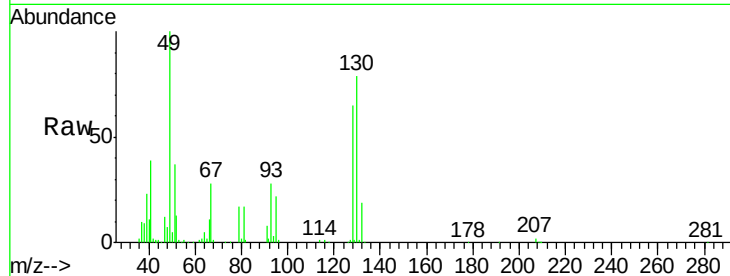
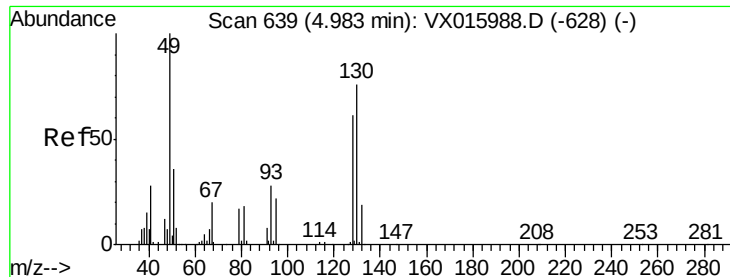
Manual Integrations
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5/4/2020 3:10:17 PM

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QLast Update : Thu Apr 30 12:42:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.00 min

Lab File: VX015992.D

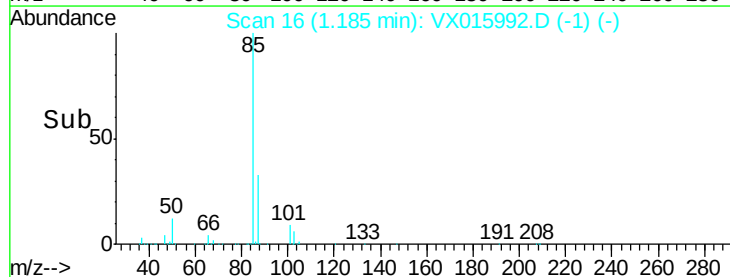
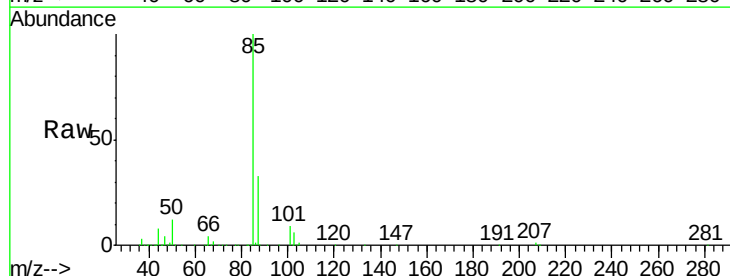
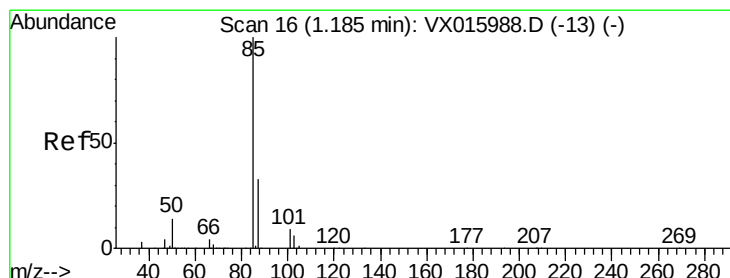
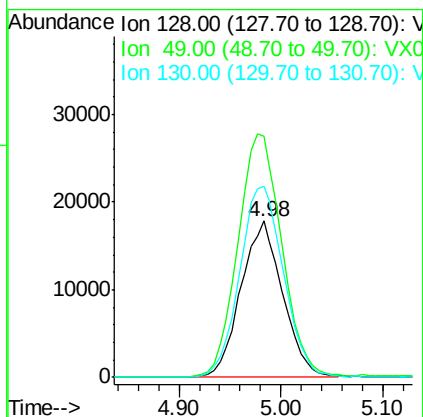
Acq: 30 Apr 2020 13:32

Tot Ion:	128	Resp:	50730
Ion	Ratio	Lower	Upper
128	100		
49	163.9	0.0	418.5
130	128.3	0.0	326.3

Instrument :
MSVOA_X
ClientSampleId :
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Manual Integrations
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#2

Dichlorodifluoromethane

Concen: 18.547 ug/l

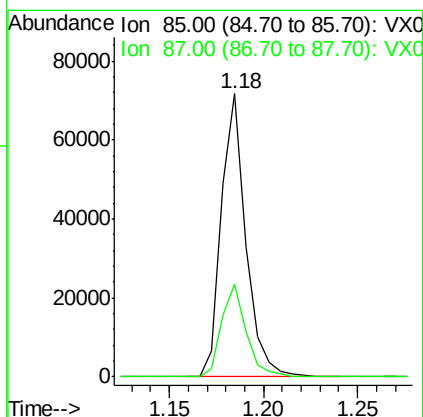
RT: 1.18 min Scan# 16

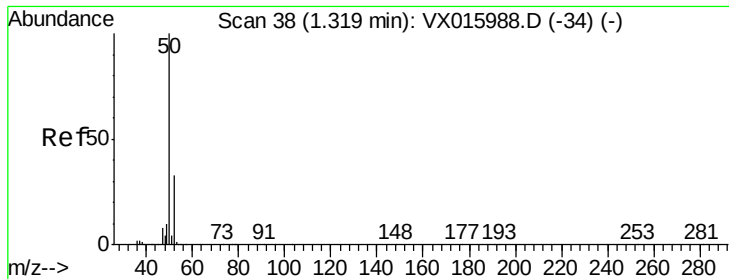
Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Tgt Ion:	85	Resp:	64808
Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.6	49.7





#3

Chloromethane

Concen: 17.849 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

ClientSampleId :

ICVVX043020

Tot Ion: 50 Resp: 61106

Ion Ratio Lower Upper

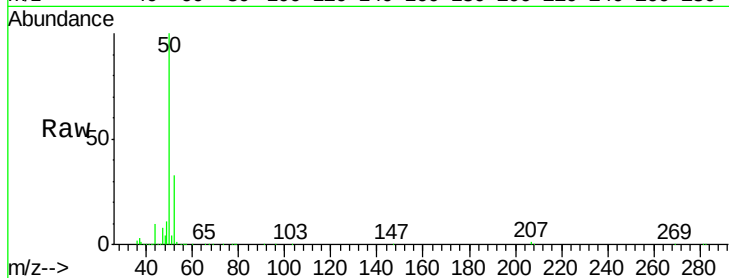
50 100

52 32.8 26.5 39.7

Manual Integrations
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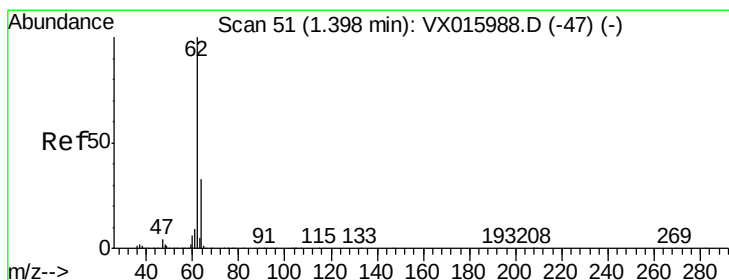
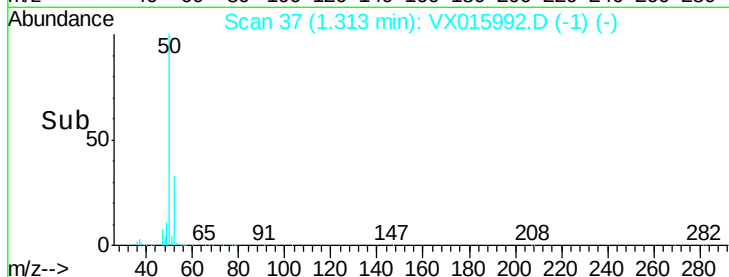
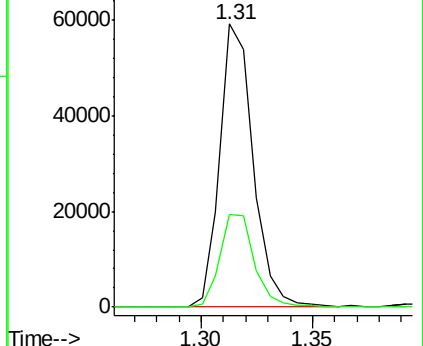
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Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 17.403 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX015992.D

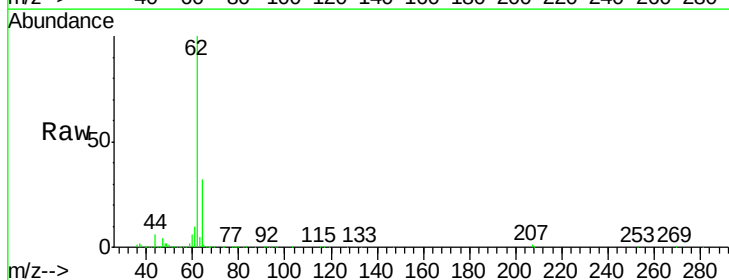
Acq: 30 Apr 2020 13:32

Tgt Ion: 62 Resp: 67693

Ion Ratio Lower Upper

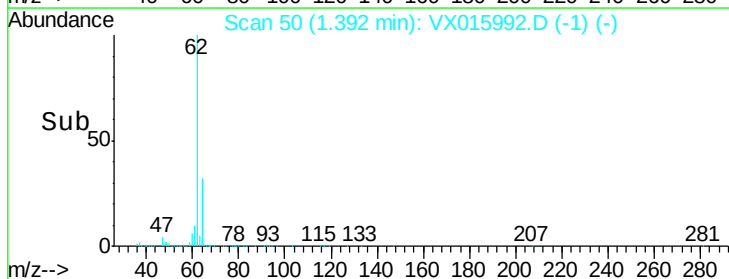
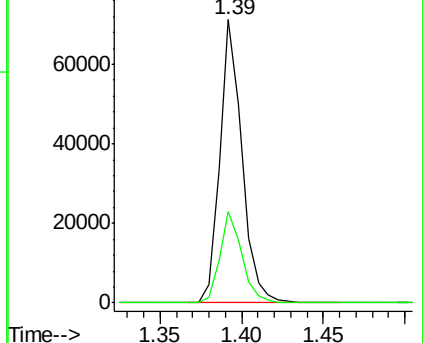
62 100

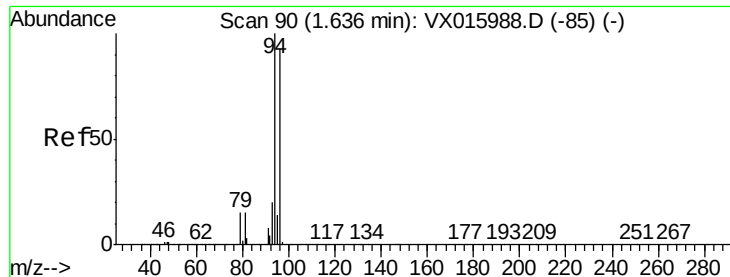
64 32.1 26.3 39.5



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 20.537 ug/l

RT: 1.63 min Scan# 89

Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

ClientSampleId :

ICVVX043020

Tot Ion: 94 Resp: 48964

Ion Ratio Lower Upper

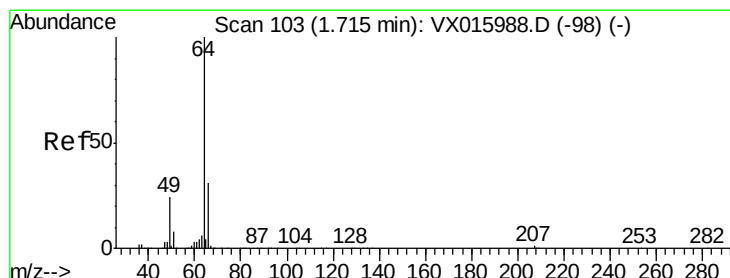
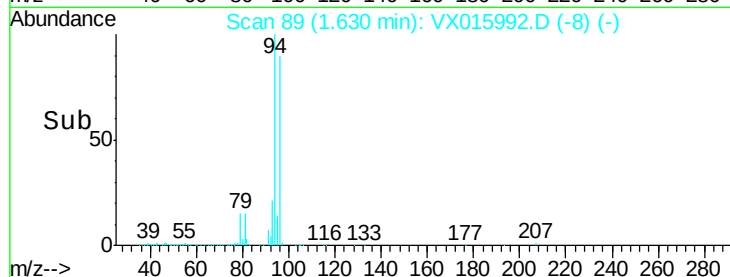
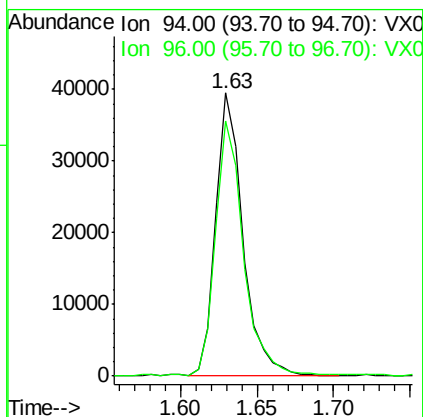
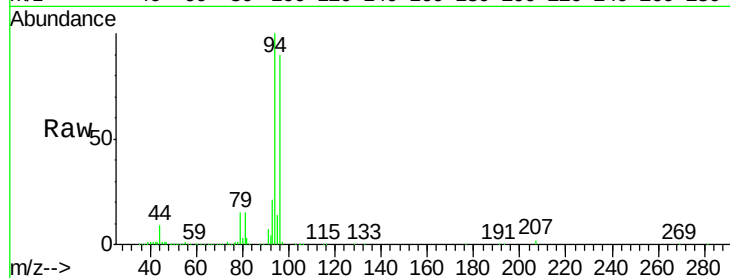
94 100

96 90.2 74.2 111.2

Manual Integrations
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#6

Chloroethane

Concen: 17.413 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX015992.D

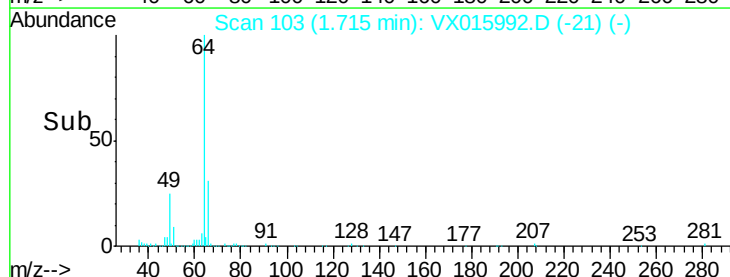
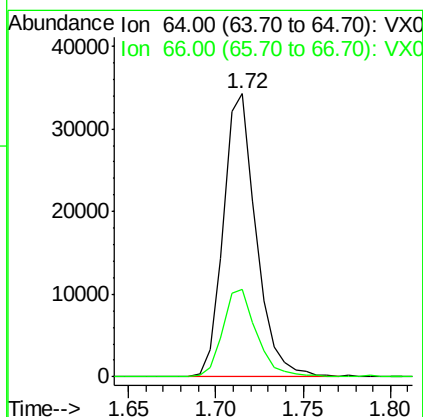
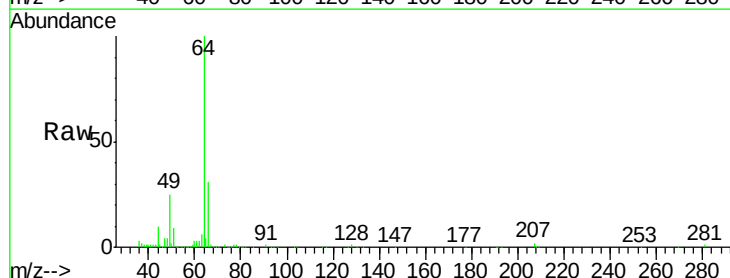
Acq: 30 Apr 2020 13:32

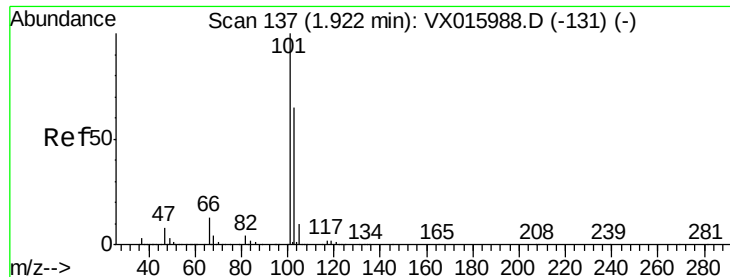
Tgt Ion: 64 Resp: 44402

Ion Ratio Lower Upper

64 100

66 30.8 24.9 37.3





#7

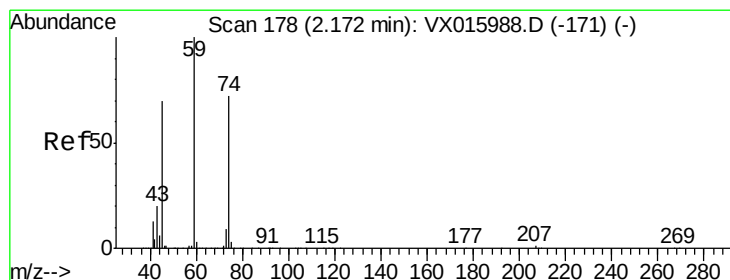
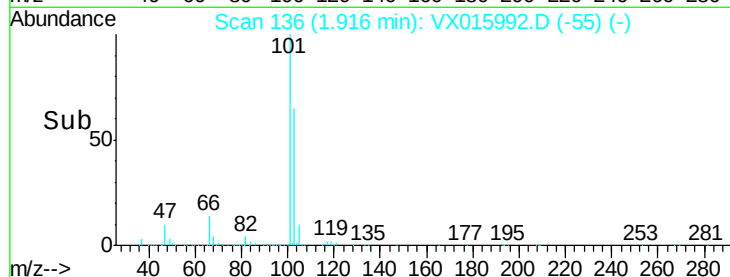
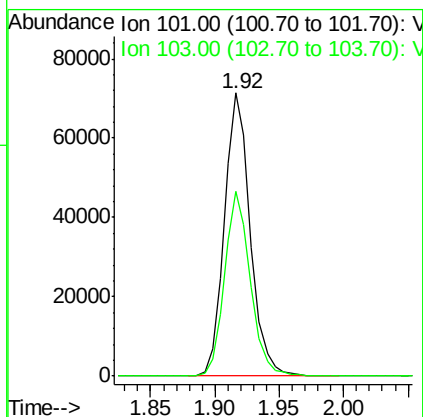
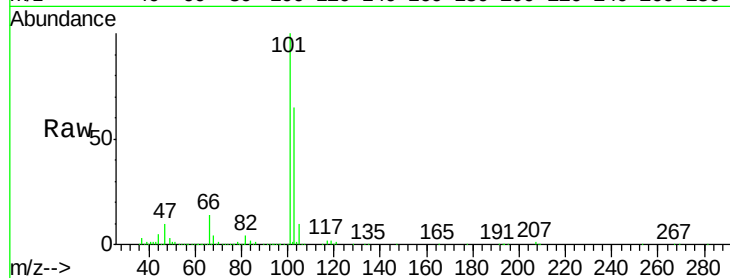
Trichlorofluoromethane
Concen: 18.030 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.01 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	51.8	77.8

Manual Integrations
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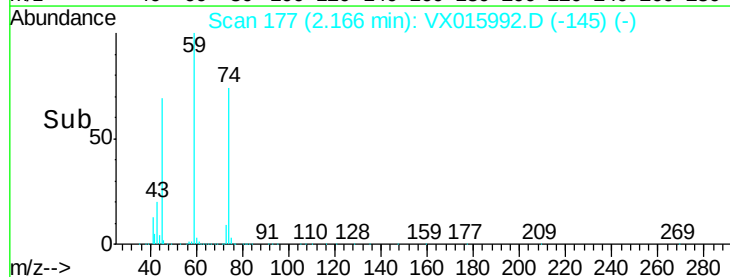
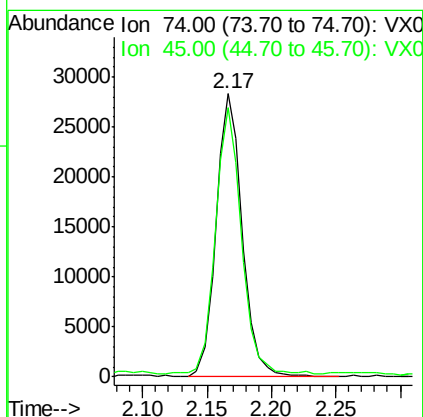
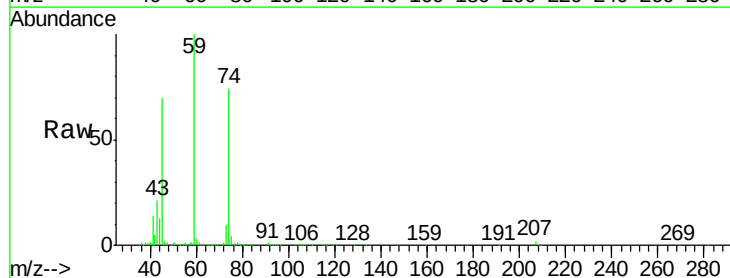
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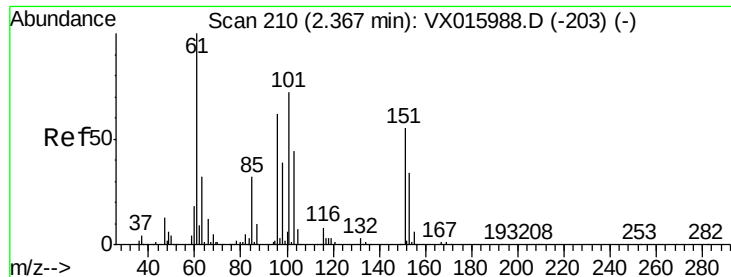


#8

Diethyl Ether
Concen: 18.027 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.1	19.4	174.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.616 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

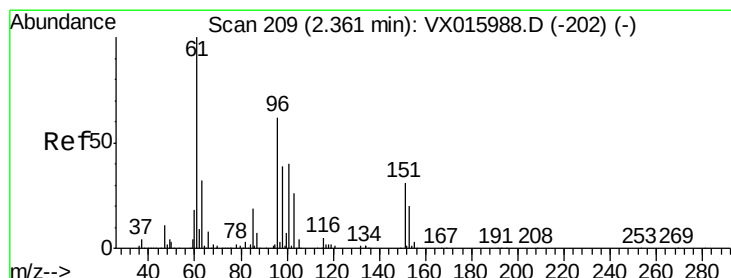
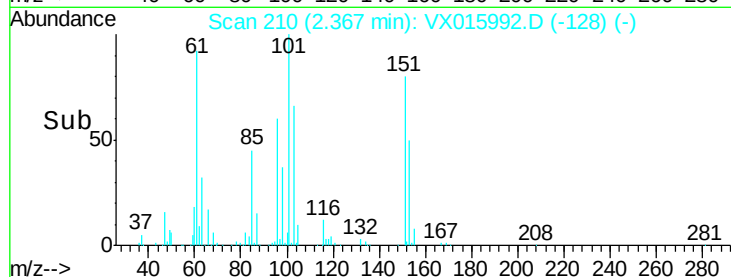
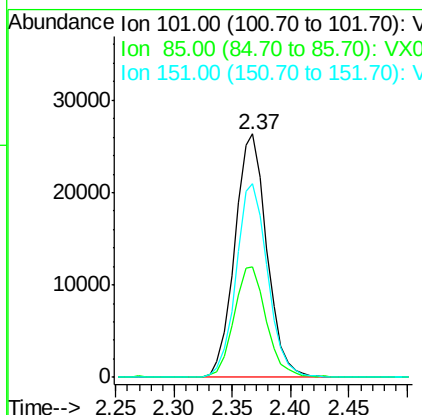
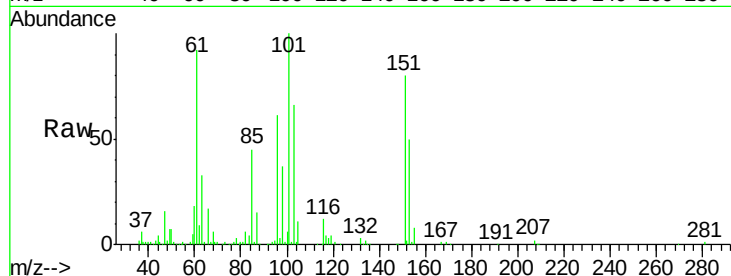
ClientSampleId :

ICVVX043020

Tot Ion:	101	Resp:	50686
Ion Ratio	Lower	Upper	
101	100		
85	45.8	0.0	90.6
151	78.3	0.0	157.0

Manual Integrations
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#10

1,1-Dichloroethene

Concen: 17.262 ug/l

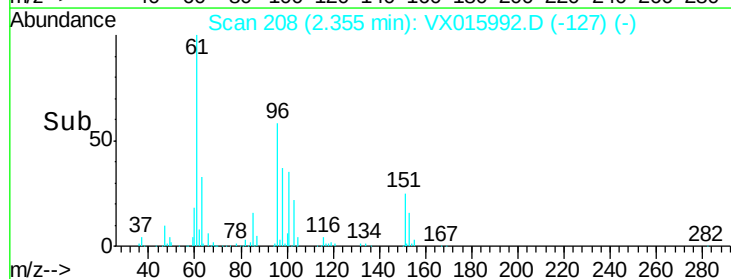
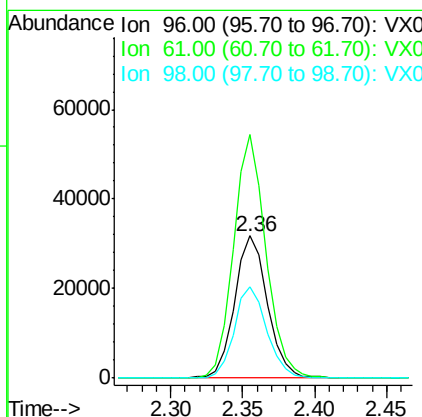
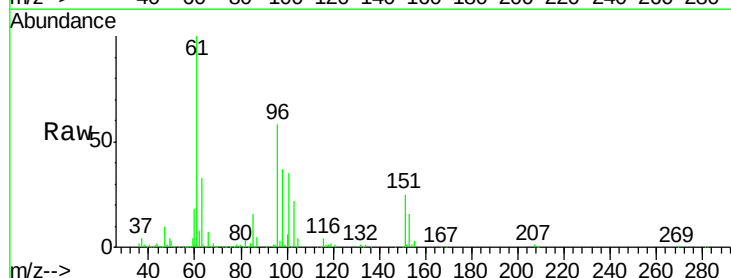
RT: 2.36 min Scan# 208

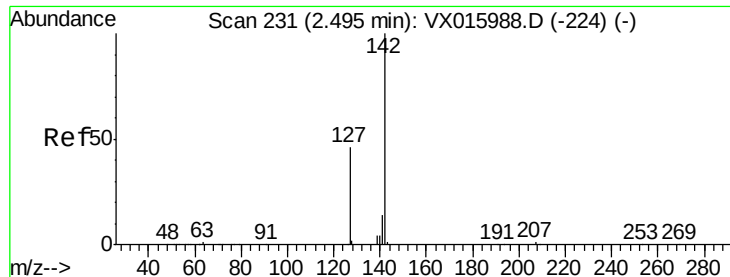
Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Tgt Ion:	96	Resp:	50109
Ion Ratio	Lower	Upper	
96	100		
61	171.8	129.8	194.8
98	64.3	51.1	76.7





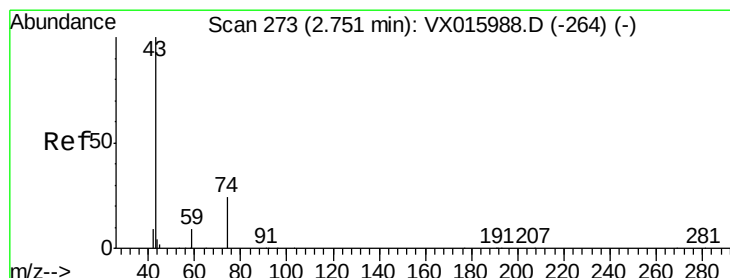
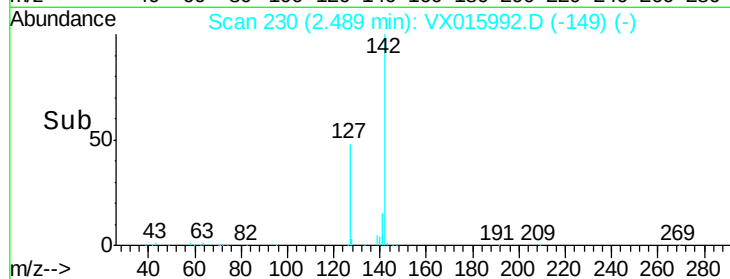
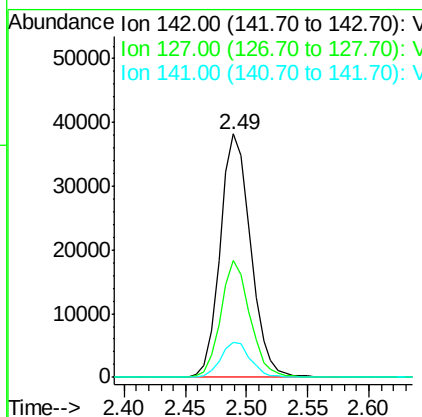
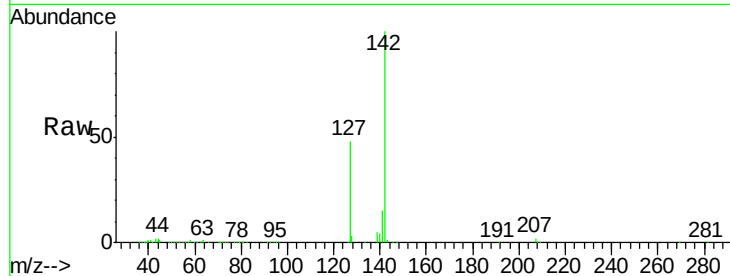
#11
Methvl Iodide
Concen: 16.707 ug/l
RT: 2.49 min Scan# 230
Delta R.T. -0.01 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Instrument :
MSVOA_X
ClientSampleId :
ICVVX043020

Tot Ion	Ratio	Lower	Upper
142	100		
127	47.9	22.8	68.4
141	14.6	7.0	21.1

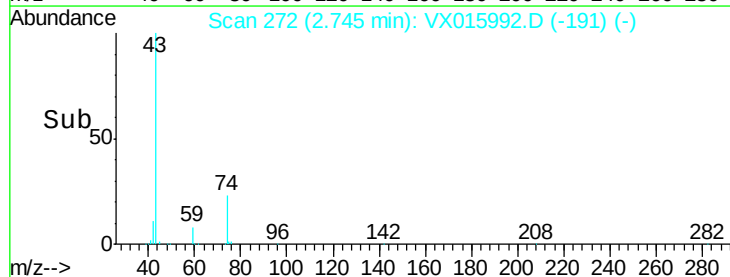
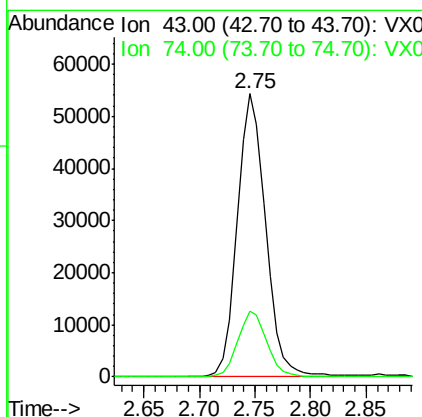
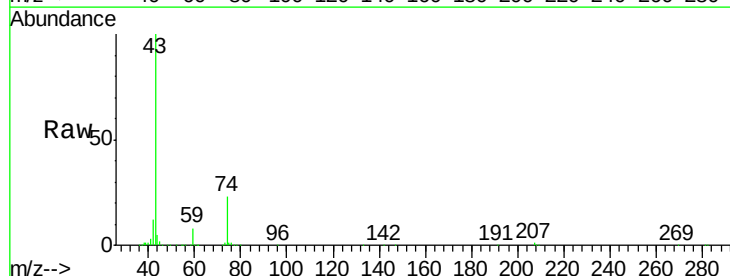
Manual Integrations
APPROVED

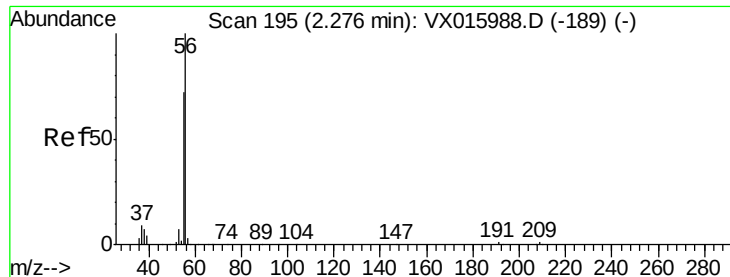
MMDadoda
5/4/2020 3:10:17 PM



#12
Methyl Acetate
Concen: 18.720 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	19.0	28.4





#13

Acrolein

Concen: 102.443 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

ClientSampleId :

ICVVX043020

Tot Ion: 56 Resp: 41623

Ion Ratio Lower Upper

56 100

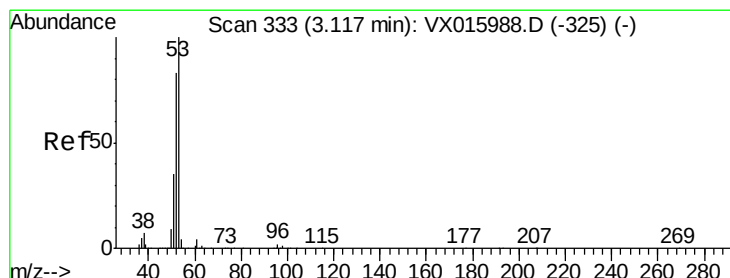
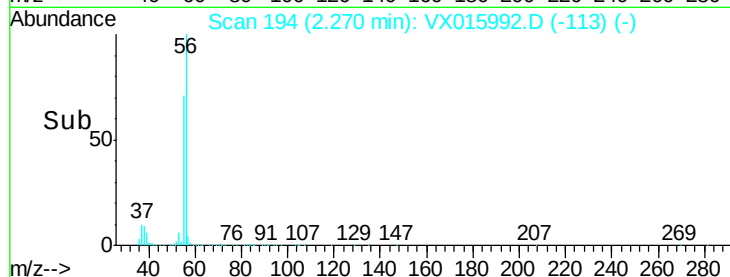
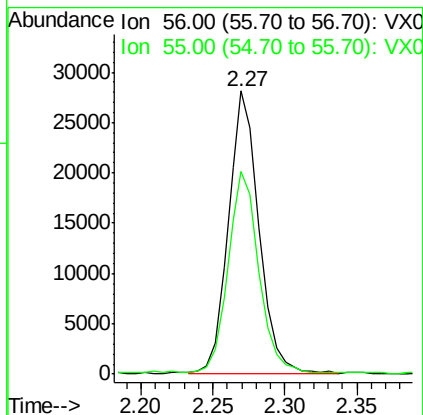
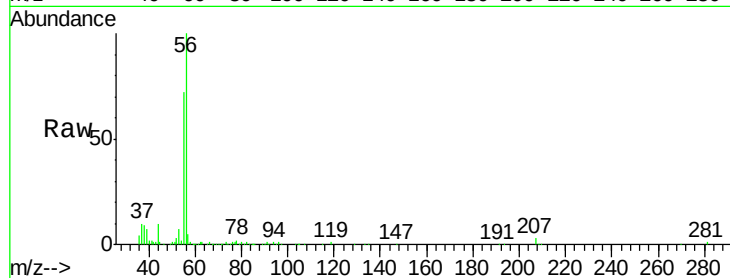
55 71.9 56.2 84.4

Manual Integrations

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MMDadoda

5/4/2020 3:10:17 PM



#14

Acrylonitrile

Concen: 90.303 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

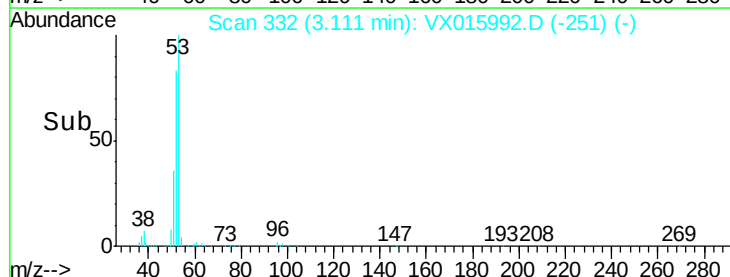
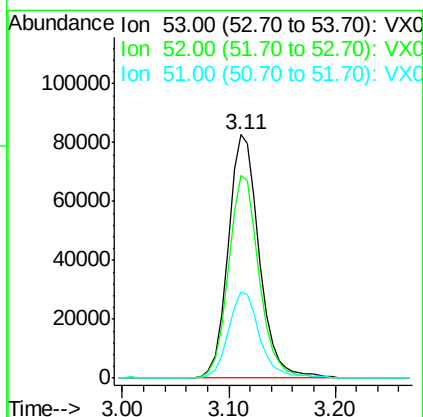
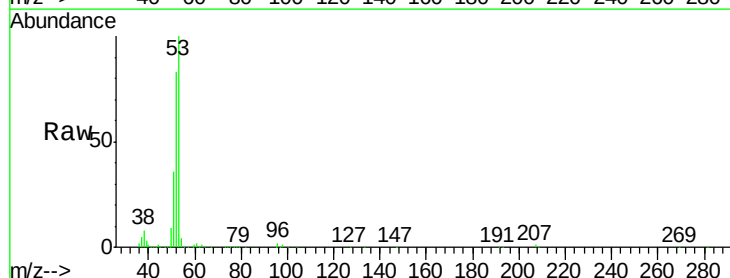
Tgt Ion: 53 Resp: 169056

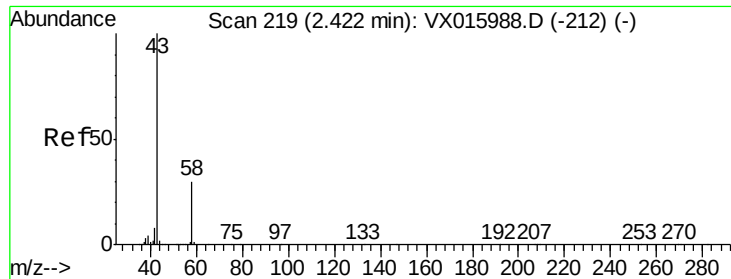
Ion Ratio Lower Upper

53 100

52 82.0 41.2 123.6

51 36.0 17.8 53.5





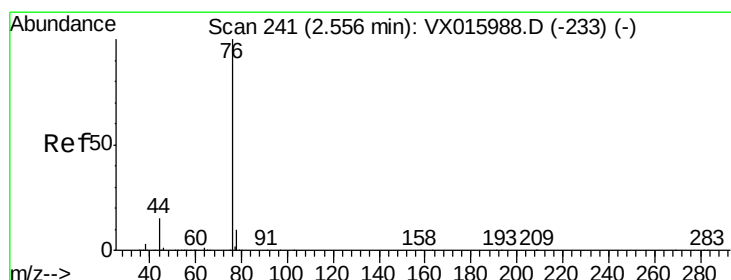
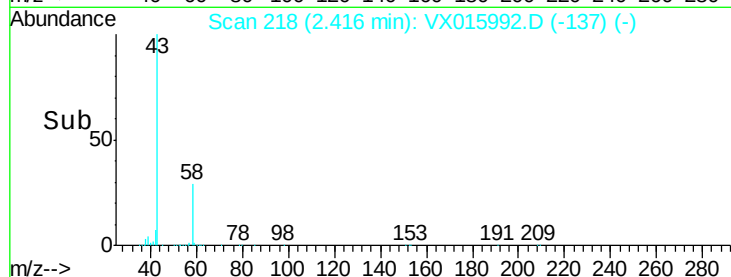
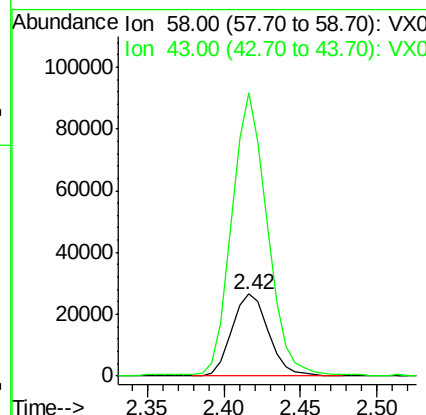
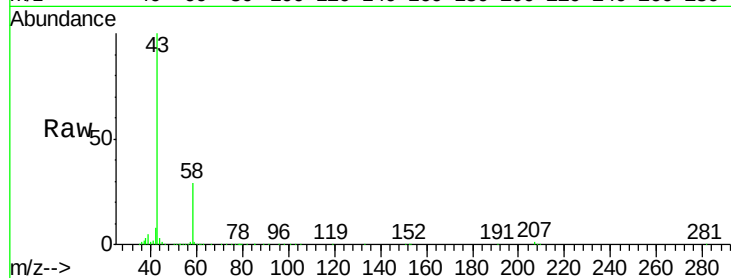
#15
Acetone
Concen: 89.049 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.01 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Instrument :
MSVOA_X
ClientSampled :
ICVVX043020

Tot Ion	Ion	Ratio	Lower	Upper
58	100			
43	344.0	264.2	396.2	

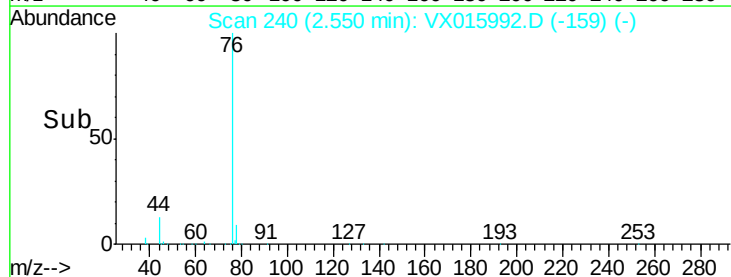
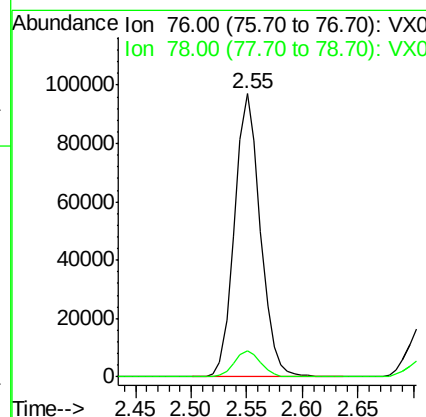
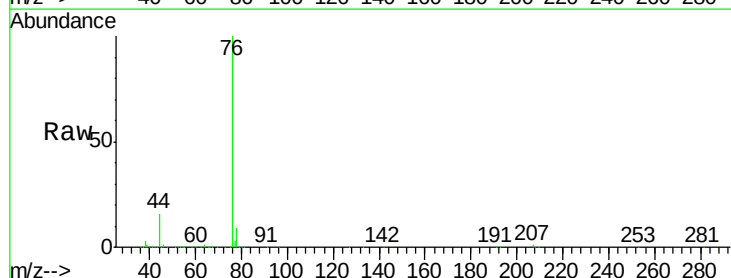
Manual Integrations
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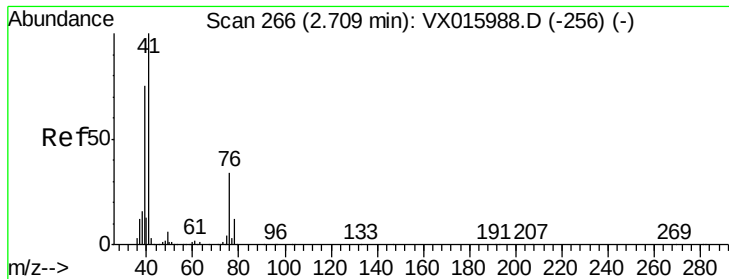
MMDadoda
5/4/2020 3:10:17 PM



#16
Carbon Disulfide
Concen: 17.647 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.01 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Tgt Ion	Ion	Ratio	Lower	Upper
76	100			
78	9.0	7.7	11.5	





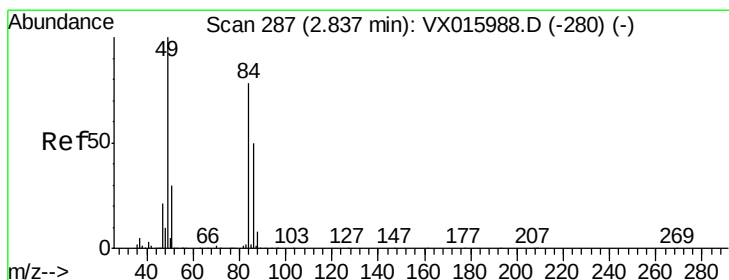
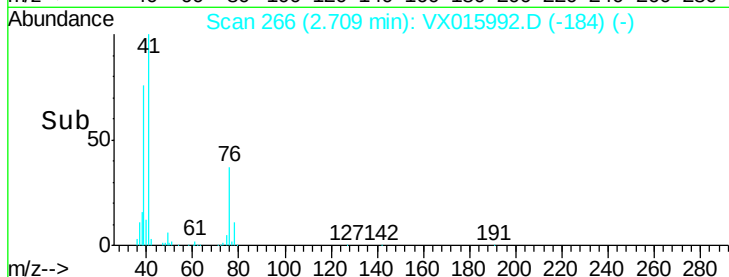
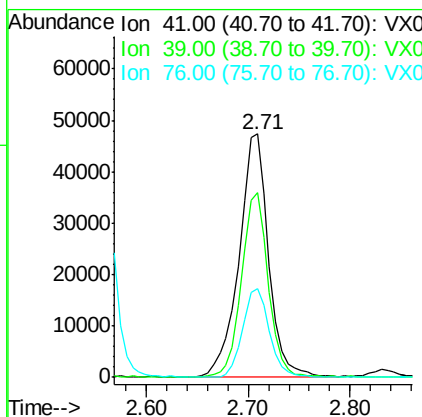
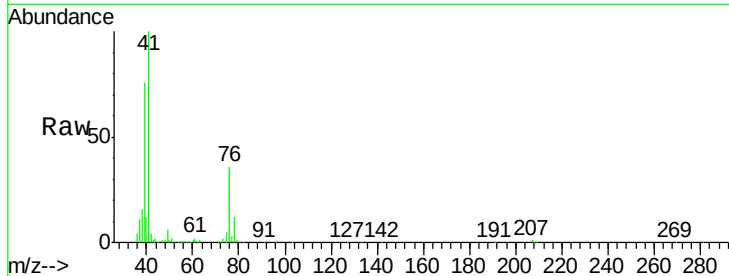
#17
Allvl chloride
Concen: 17.459 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Instrument :
MSVOA_X
ClientSampleId :
ICVVX043020

Tot Ion	Ratio	Lower	Upper
41	100		
39	75.9	37.6	112.8
76	36.3	17.2	51.5

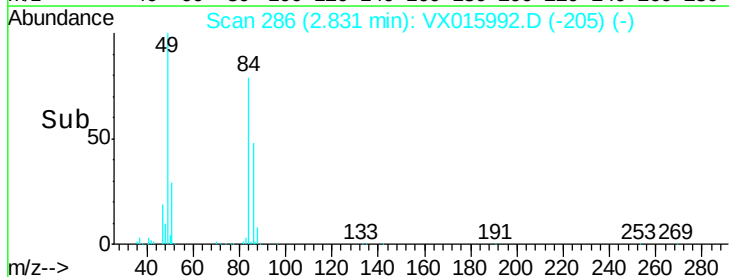
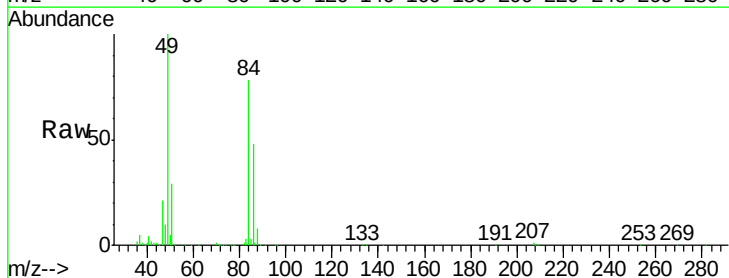
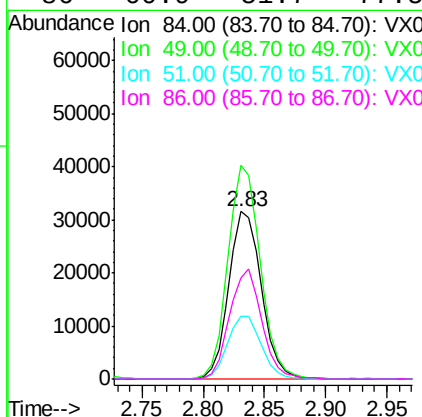
Manual Integrations
APPROVED

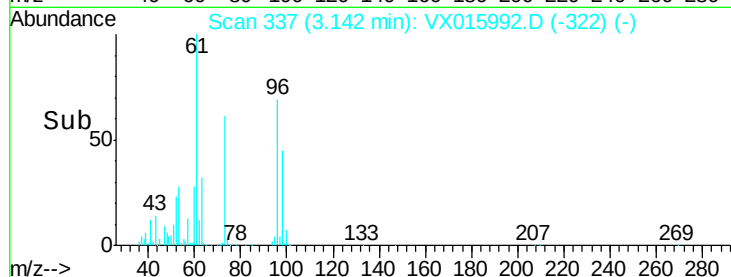
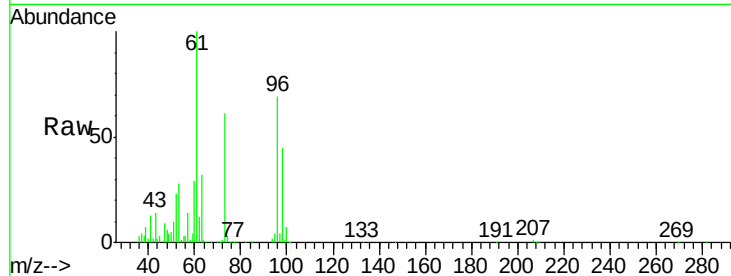
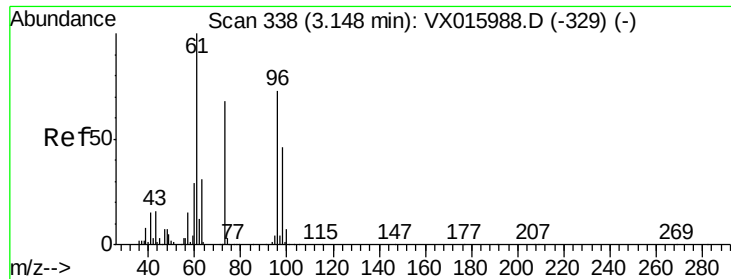
MMDadoda
5/4/2020 3:10:17 PM



#18
Methylene Chloride
Concen: 17.902 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Tgt Ion	Ratio	Lower	Upper
84	100		
49	127.8	103.0	154.4
51	37.3	31.4	47.0
86	60.9	51.7	77.5





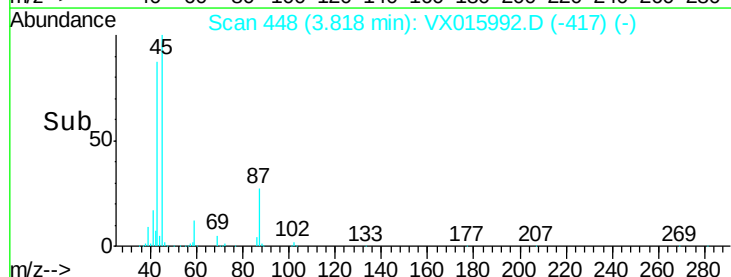
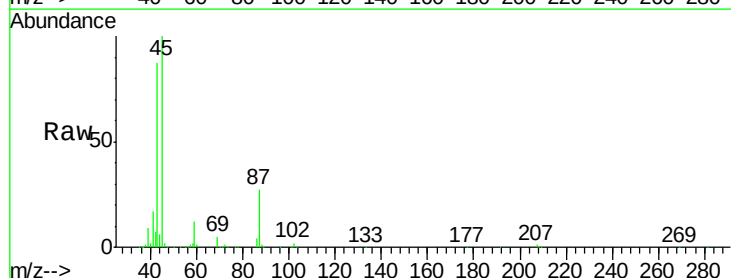
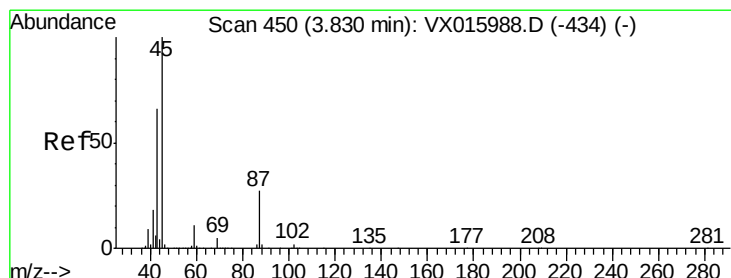
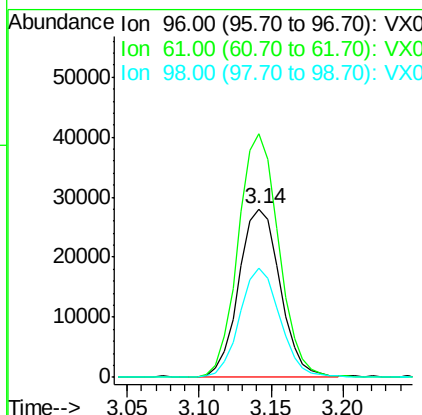
#19
trans-1,2-Dichloroethene
Concen: 17.648 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.01 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Tot Ion	Ratio	Lower	Upper
96	100		
61	144.5	109.0	163.4
98	64.9	50.0	75.0

Instrument :
MSVOA_X
ClientSampleId :
ICVVX043020

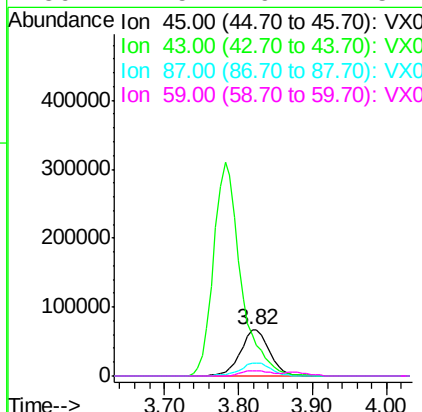
Manual Integrations
APPROVED

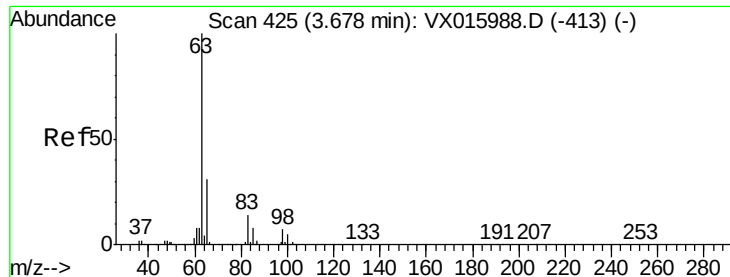
MMDadoda
5/4/2020 3:10:17 PM



#20
Diisopropyl ether
Concen: 17.720 ug/l
RT: 3.82 min Scan# 448
Delta R.T. -0.01 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Tgt Ion	Ratio	Lower	Upper
45	100		
43	86.6	53.0	79.4#
87	26.9	21.9	32.9
59	11.5	9.1	13.7





#21

1,1-Dichloroethane

Concen: 17.375 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

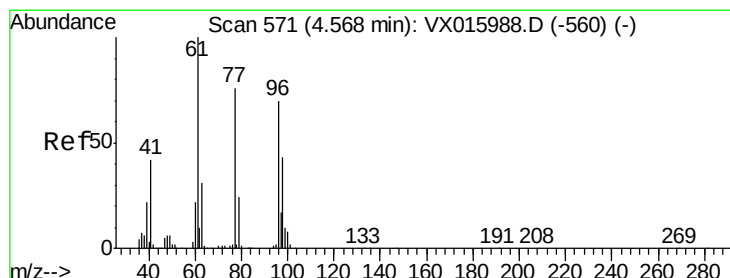
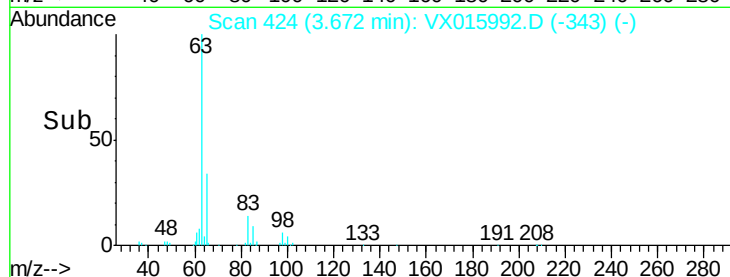
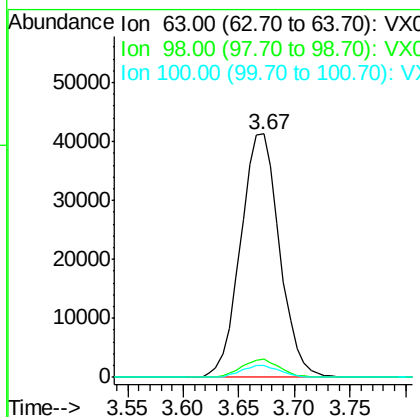
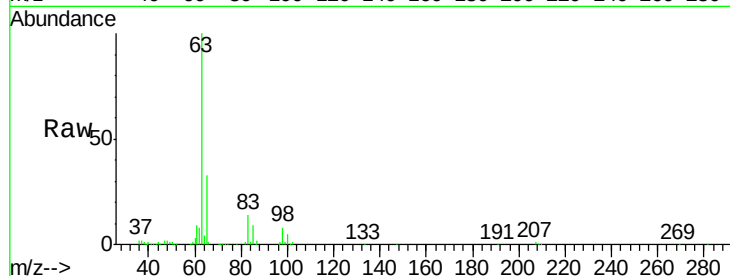
ClientSampleId :

ICVVX043020

Tot Ion:	63	Resp:	100593
Ion Ratio	Lower	Upper	
63	100		
98	7.5	3.5	10.4
100	4.7	2.3	6.9

Manual Integrations
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5/4/2020 3:10:17 PM



#22

cis-1,2-Dichloroethene

Concen: 17.370 ug/l

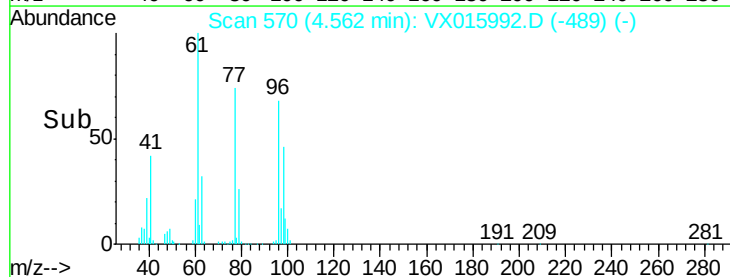
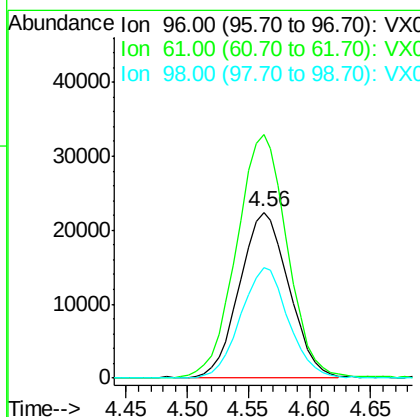
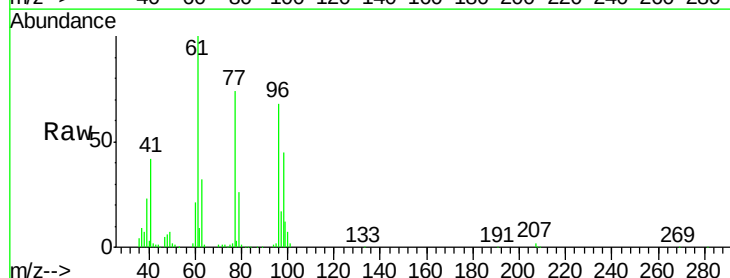
RT: 4.56 min Scan# 570

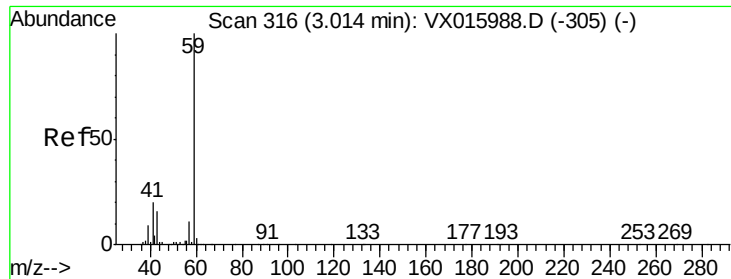
Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Tgt Ion:	96	Resp:	62585
Ion Ratio	Lower	Upper	
96	100		
61	151.5	121.6	182.4
98	64.8	51.9	77.9





#23

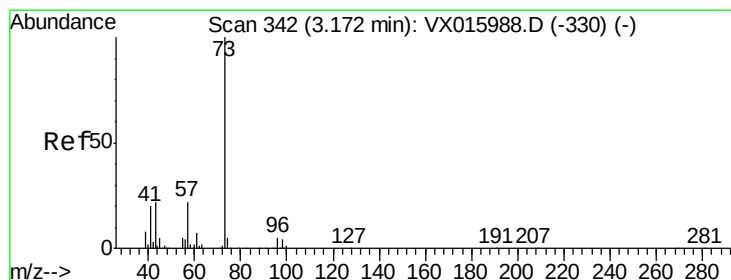
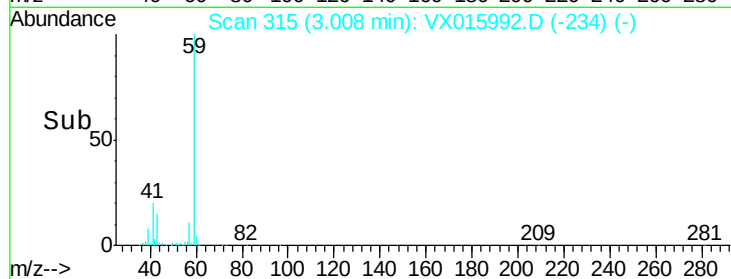
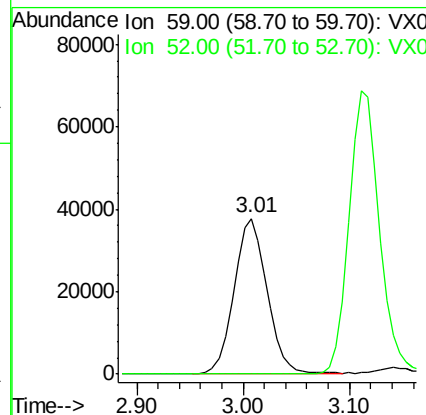
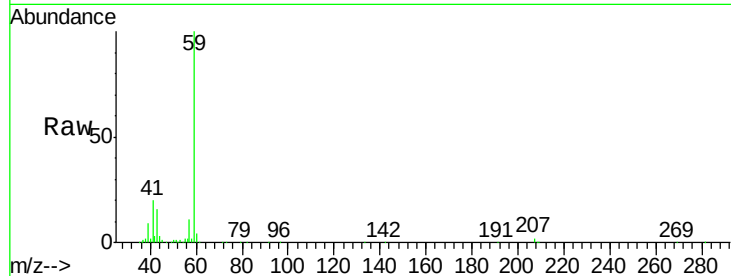
tert-Butyl Alcohol
 Concen: 89.216 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX015992.D
 Acq: 30 Apr 2020 13:32

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX043020

Tot Ion	59	52
Resp	81758	
Ratio	100	0.1
Lower		0.1
Upper		0.1#

Manual Integrations
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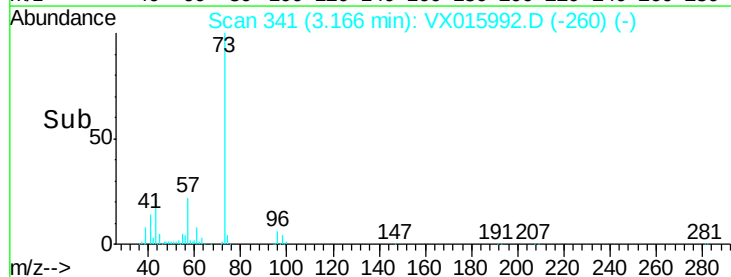
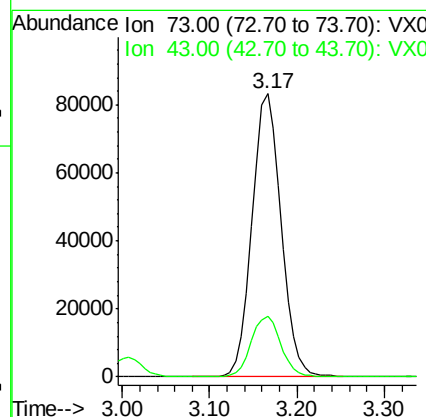
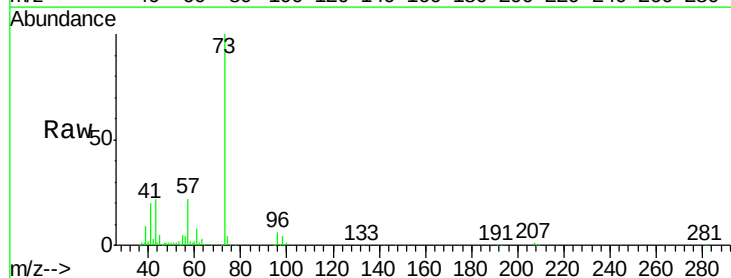
MMDadoda
 5/4/2020 3:10:17 PM

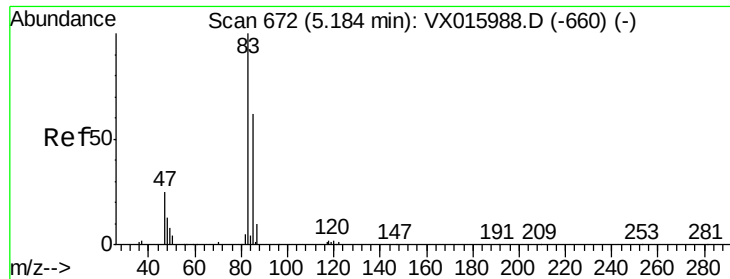


#24

Methyl tert-Butyl Ether
 Concen: 18.394 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.01 min
 Lab File: VX015992.D
 Acq: 30 Apr 2020 13:32

Tgt Ion	73	43
Resp	191756	
Ratio	100	21.7
Lower		17.8
Upper		26.6





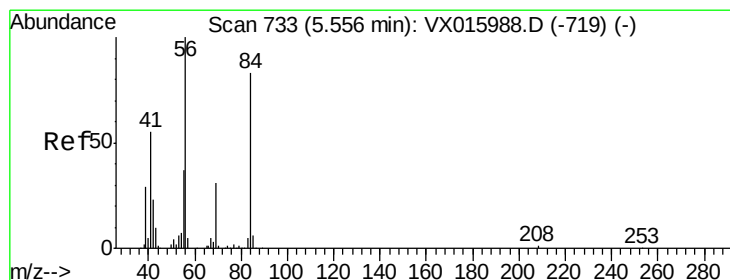
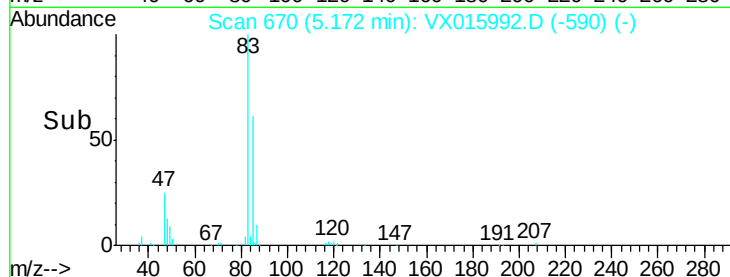
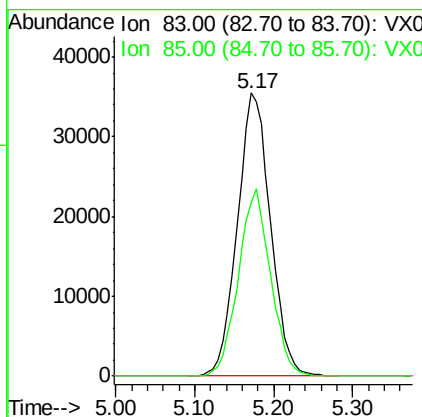
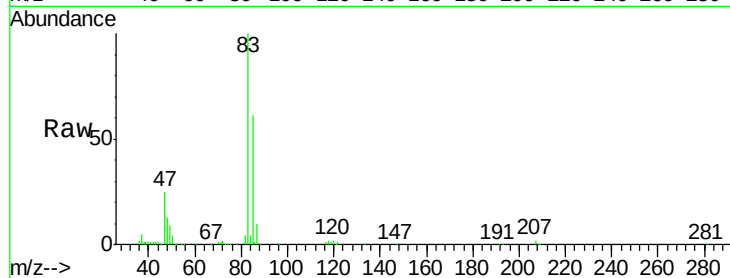
#25
Chloroform
Concen: 17.621 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Instrument :
MSVOA_X
ClientSampleId :
ICVVX043020

Tot Ion	83	Resp	103607
Ion Ratio	100	Lower	Upper
83	100		
85	61.1	49.6	74.4

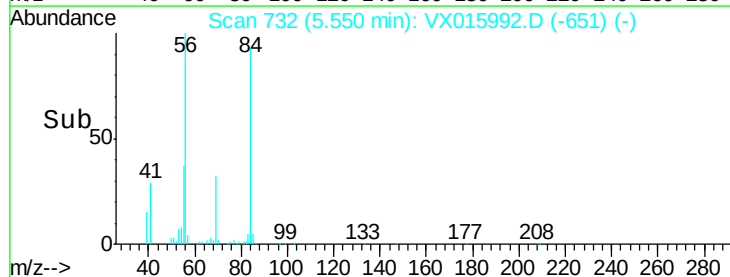
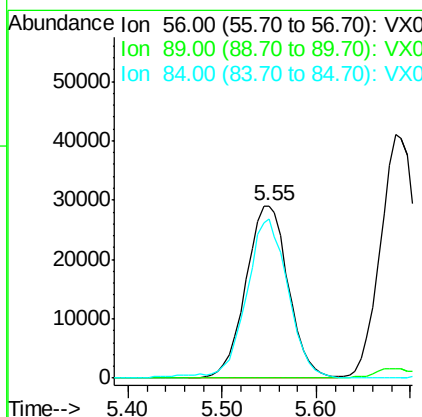
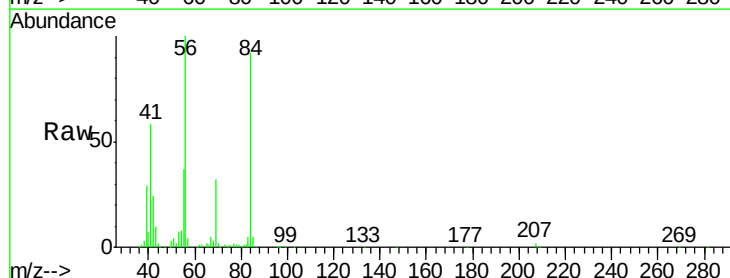
Manual Integrations
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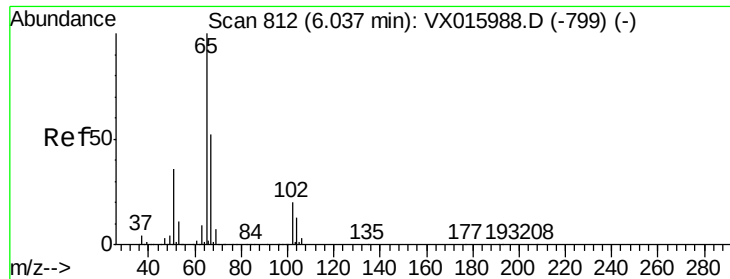
MMDadoda
5/4/2020 3:10:17 PM



#26
Cyclohexane
Concen: 17.292 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Tgt Ion	56	Resp	91546
Ion Ratio	100	Lower	Upper
56	100		
89	0.0	0.1	0.1#
84	89.7	70.1	105.1





#27

1,2-Dichloroethane-d4

Concen: 30.351 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Tot Ion: 65 Resp: 118330

Ion Ratio Lower Upper

65 100

67 51.4 41.0 61.4

Instrument :

MSVOA_X

ClientSampled :

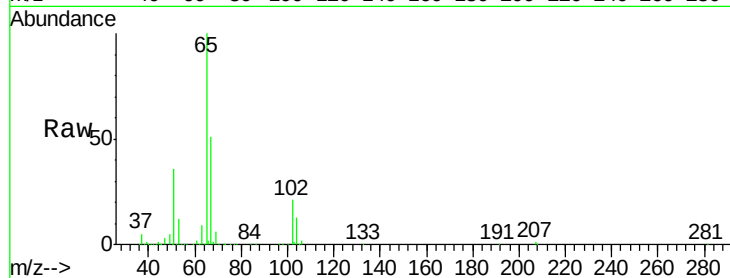
ICVVX043020

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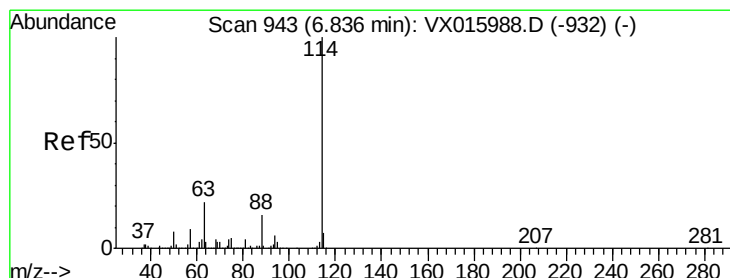
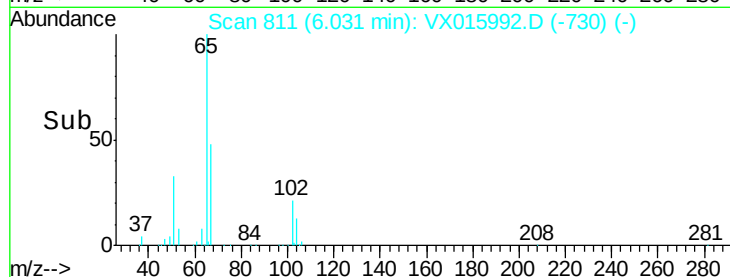
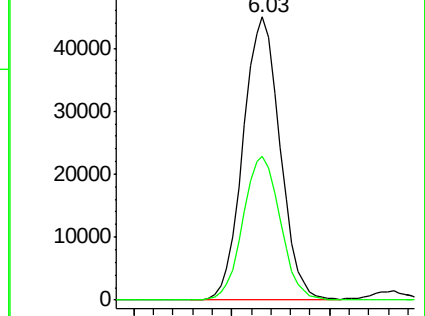
MMDadoda

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Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

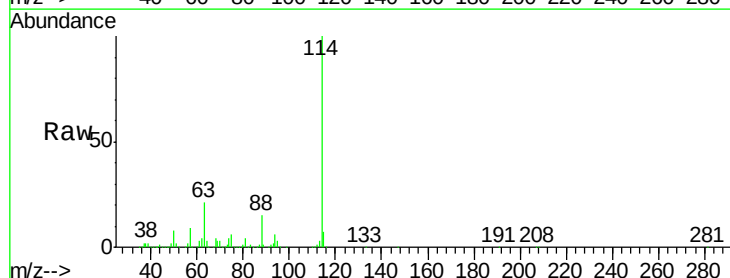
Tgt Ion: 114 Resp: 275563

Ion Ratio Lower Upper

114 100

63 21.2 17.1 25.7

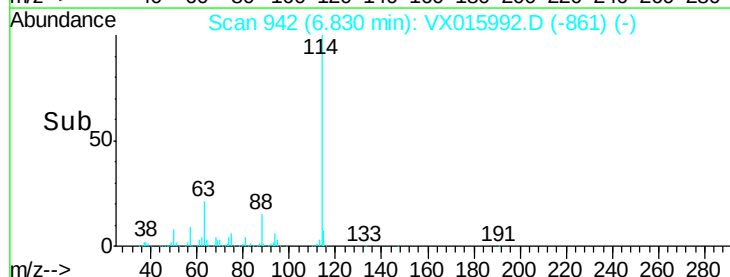
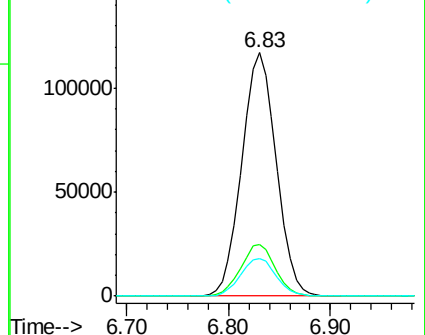
88 15.8 13.0 19.4

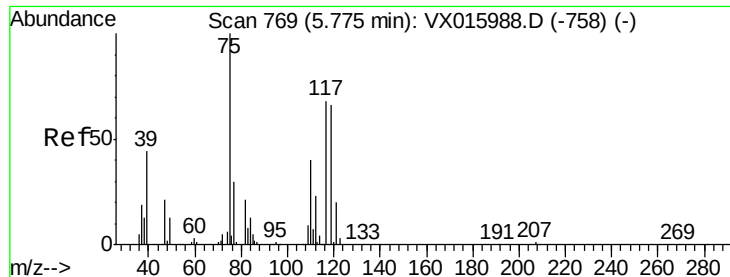


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





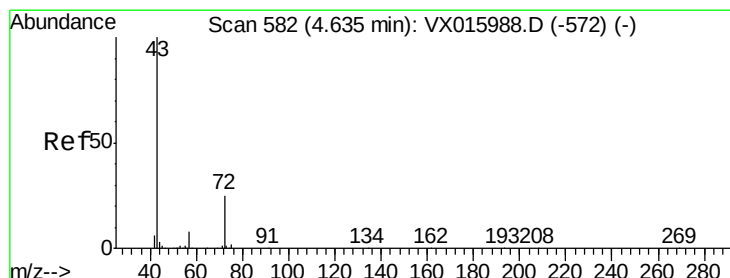
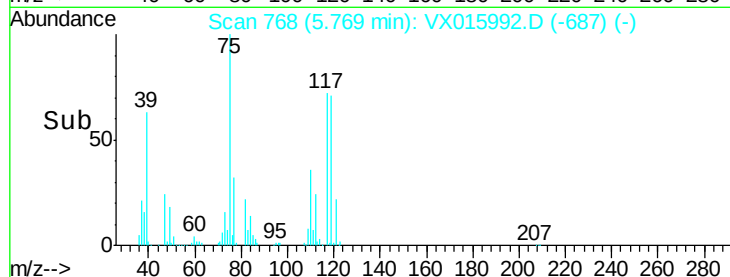
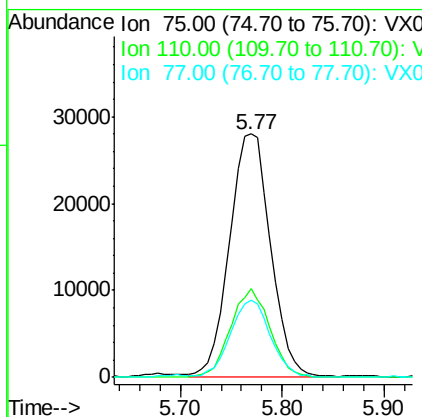
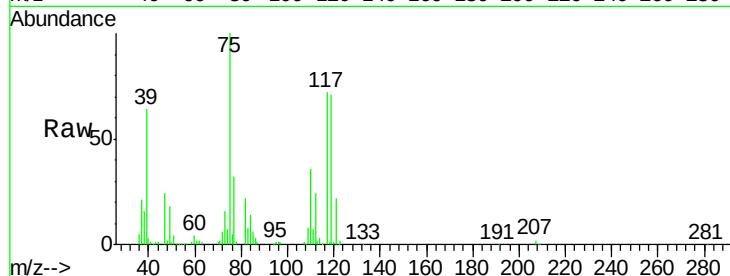
#29
 1,1-Dichloropropene
 Concen: 17.879 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.01 min
 Lab File: VX015992.D
 Acq: 30 Apr 2020 13:32

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX043020

Tot Ion	Ratio	Lower	Upper
75	100		
110	35.0	0.0	71.0
77	31.5	0.0	64.2

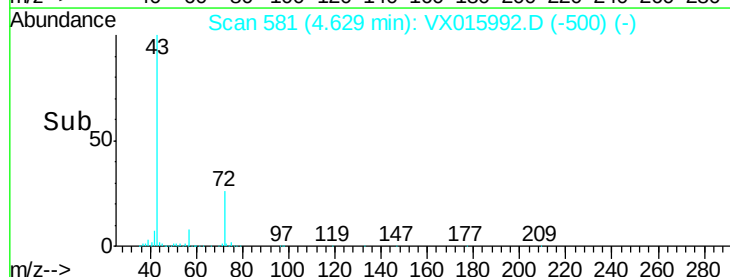
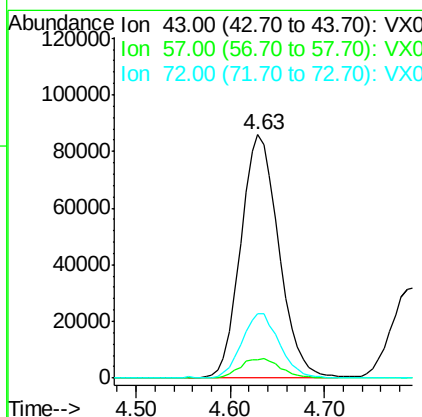
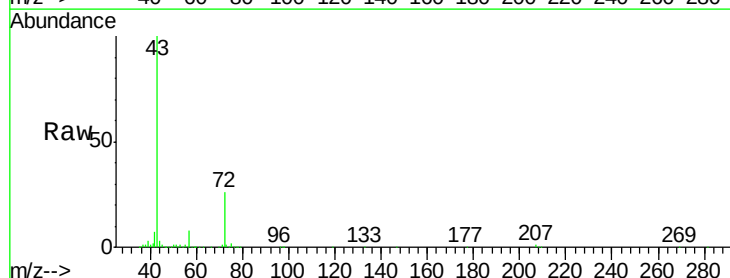
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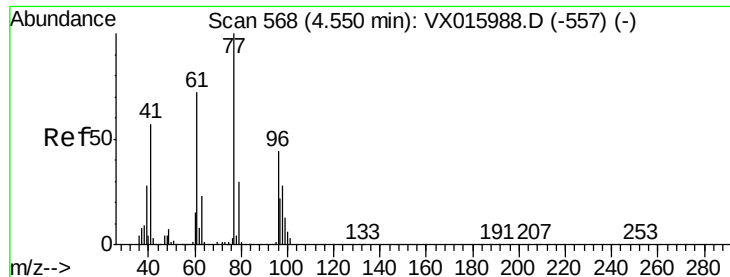
MMDadoda
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#30
 2-Butanone
 Concen: 93.437 ug/l
 RT: 4.63 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: VX015992.D
 Acq: 30 Apr 2020 13:32

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.6	6.3	9.5
72	26.3	20.8	31.2





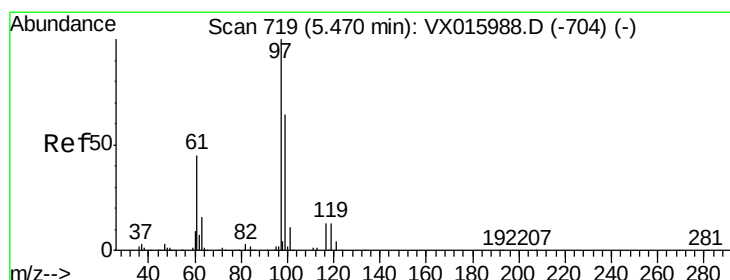
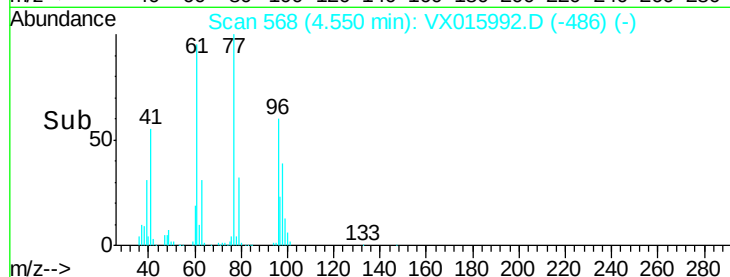
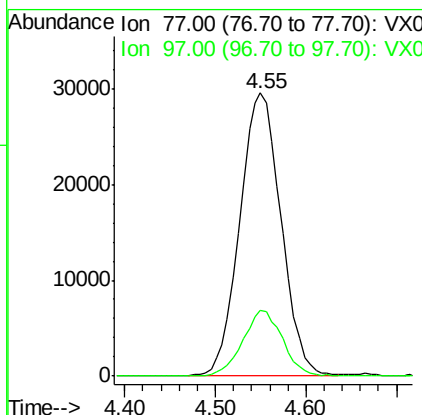
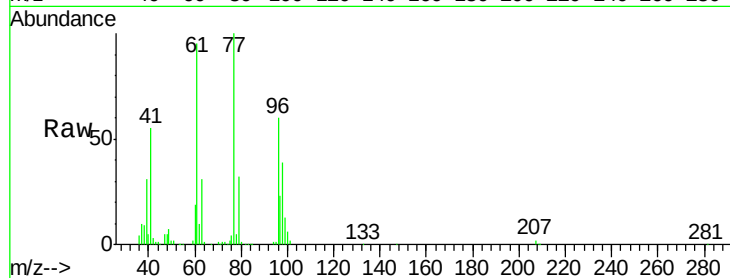
#31
 2,2-Dichloropropane
 Concen: 17.834 ug/l
 RT: 4.55 min Scan# 568
 Delta R.T. 0.00 min
 Lab File: VX015992.D
 Acq: 30 Apr 2020 13:32

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX043020

Tot Ion	Ratio	Lower	Upper
77	100		
97	22.3	17.8	26.8

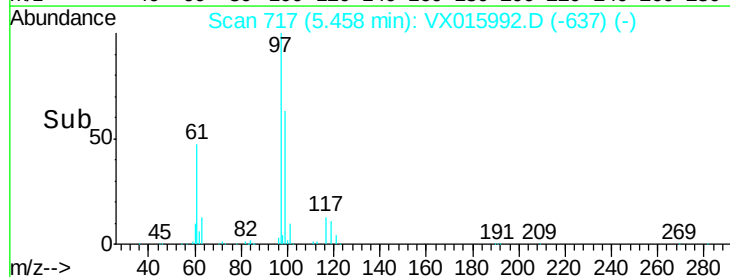
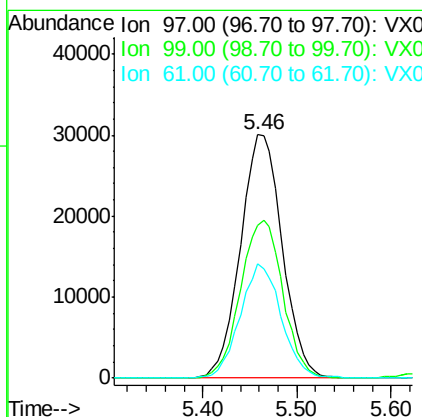
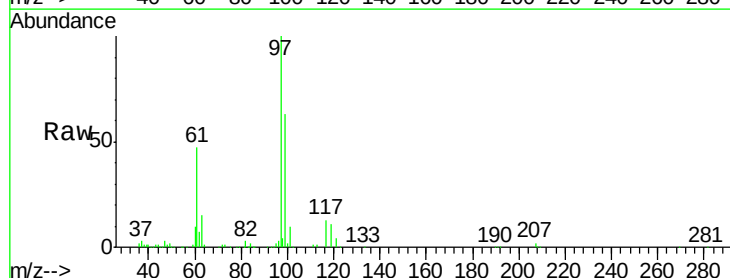
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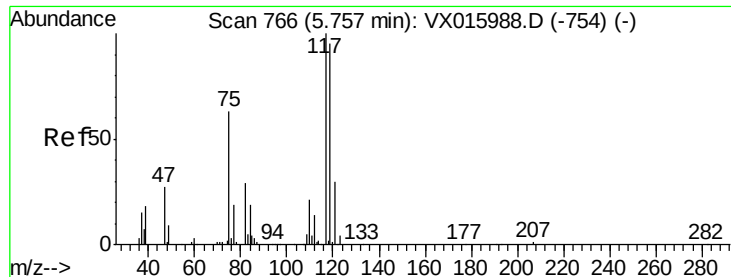
MMDadoda
 5/4/2020 3:10:17 PM



#32
 1,1,1-Trichloroethane
 Concen: 17.728 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX015992.D
 Acq: 30 Apr 2020 13:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.4	50.7	76.1
61	46.1	35.9	53.9





#33

Carbon Tetrachloride

Concen: 17.702 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

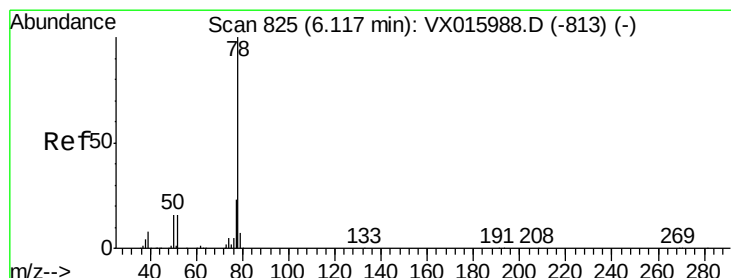
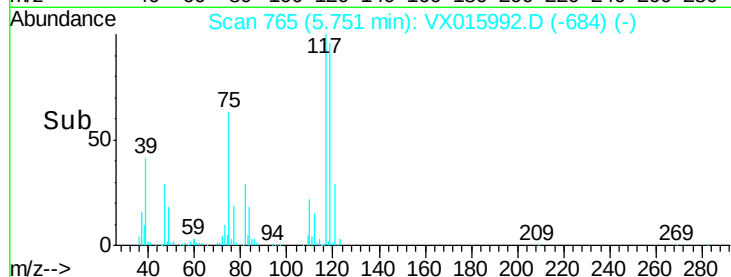
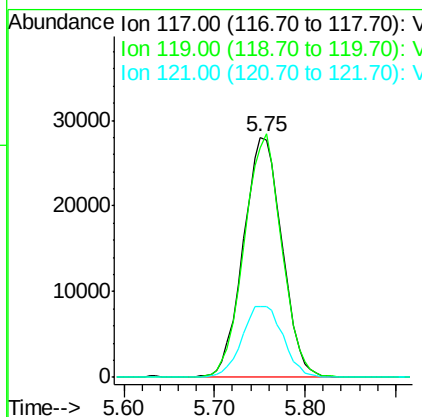
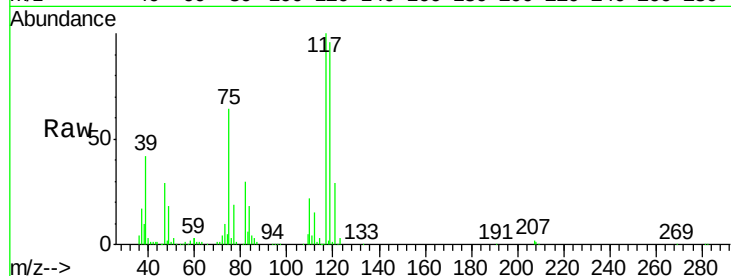
ClientSampleId :

ICVVX043020

Tot Ion:	117	Resp:	82863
Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.3	114.5
121	29.4	24.2	36.4

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#34

Benzene

Concen: 17.909 ug/l

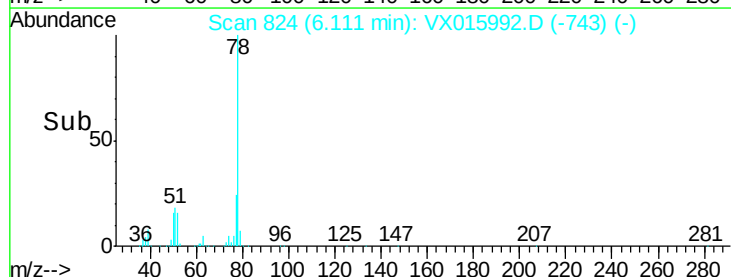
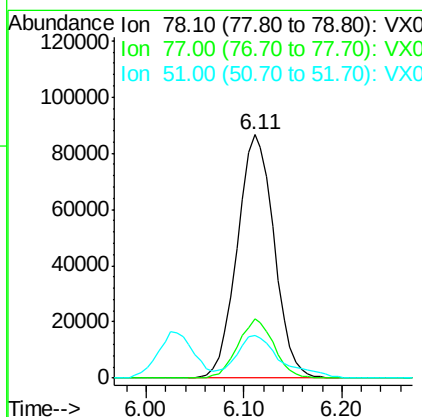
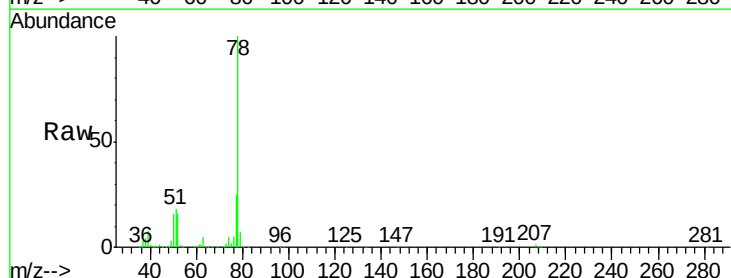
RT: 6.11 min Scan# 824

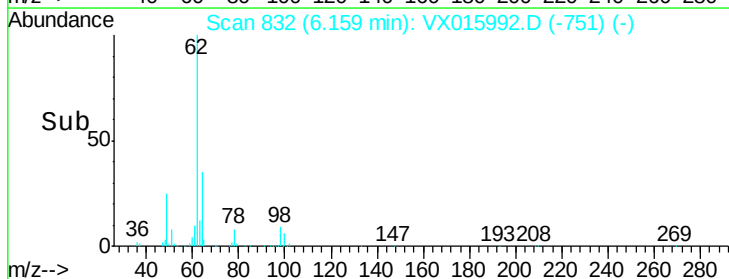
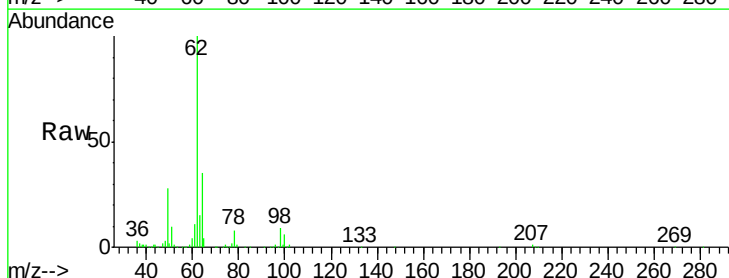
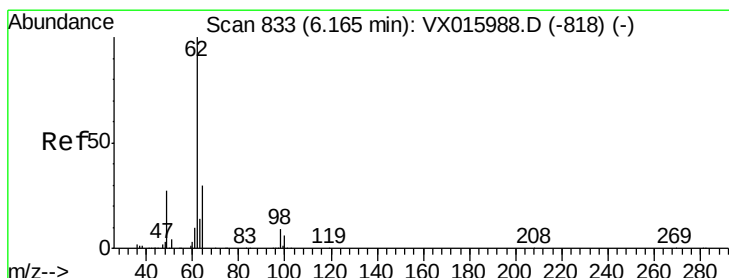
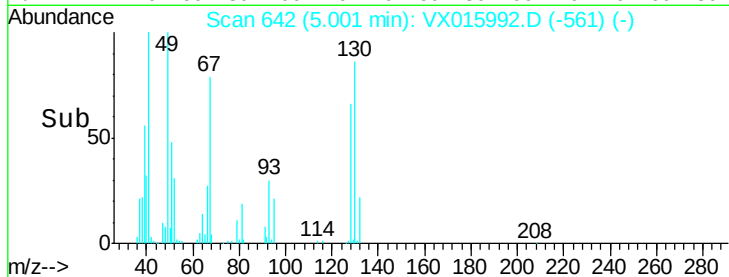
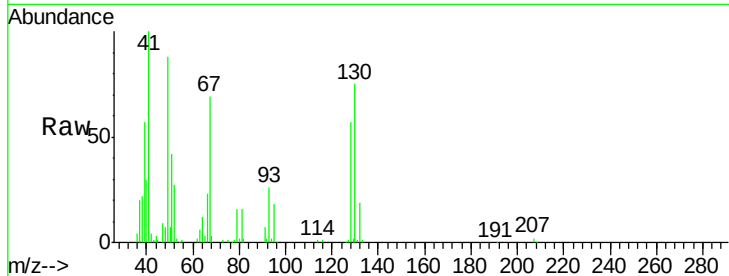
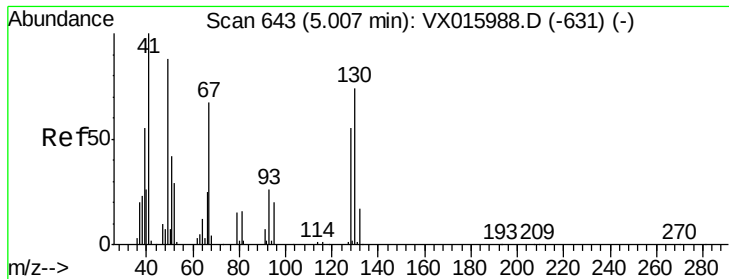
Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Tgt Ion:	78	Resp:	226703
Ion	Ratio	Lower	Upper
78	100		
77	24.6	18.7	28.1
51	17.1	12.7	19.1





#35

Methacrylonitrile

Concen: 18.477 ug/l

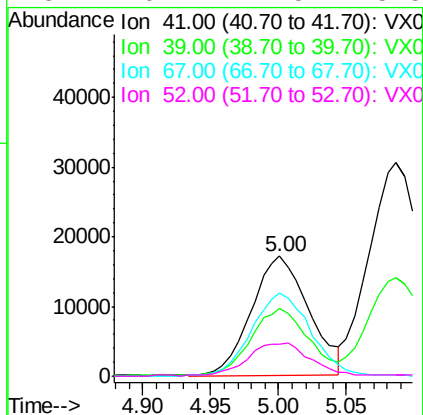
RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.3	27.5	82.4	
67	68.9	33.6	100.6	
52	26.7	14.5	43.5	



Instrument :

MSVOA_X

ClientSampleId :

ICVVX043020

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#36

1,2-Dichloroethane

Concen: 18.451 ug/l

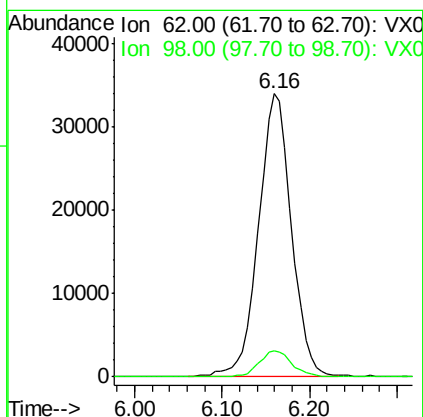
RT: 6.16 min Scan# 832

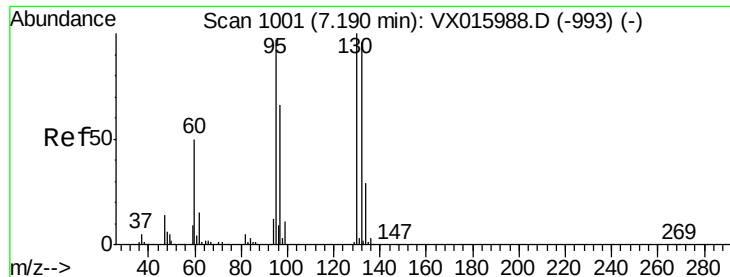
Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	7.4	11.2	





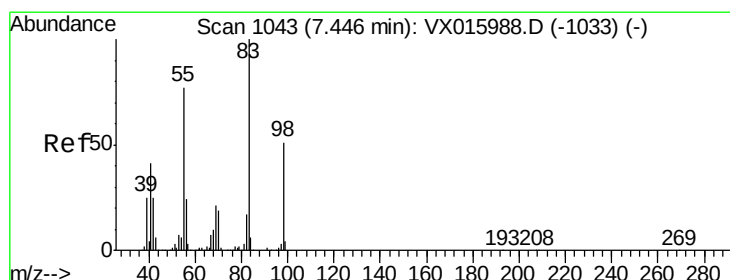
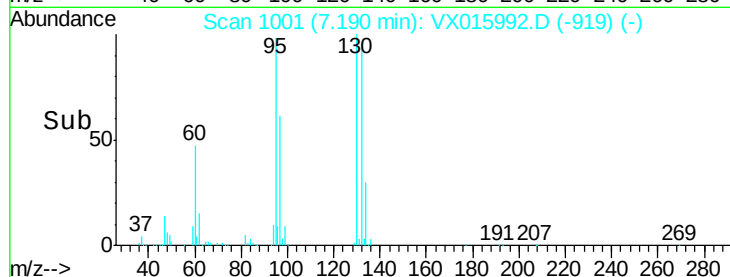
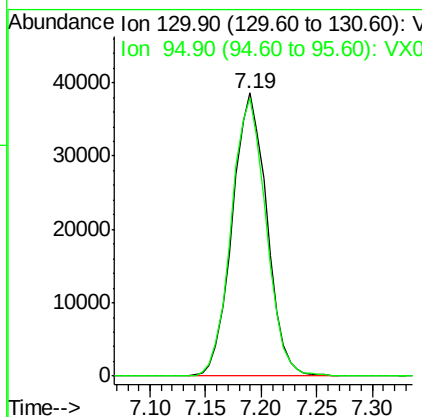
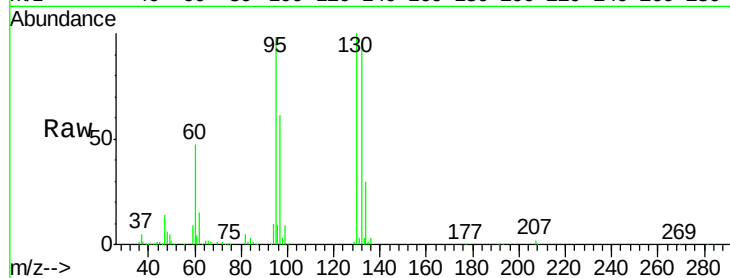
#37
 Trichloroethene
 Concen: 18.502 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: VX015992.D
 Acq: 30 Apr 2020 13:32

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX043020

Tot Ion:130 Resp: 83322
 Ion Ratio Lower Upper
 130 100
 95 98.3 77.8 116.8

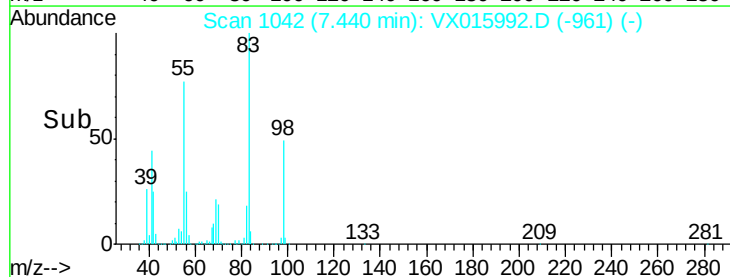
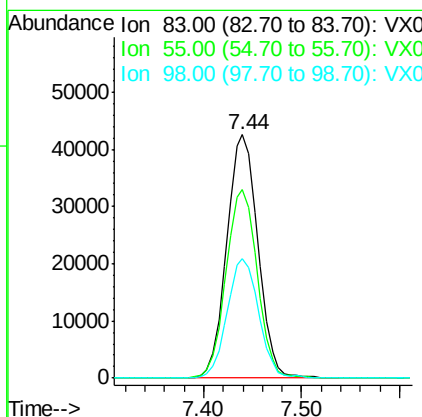
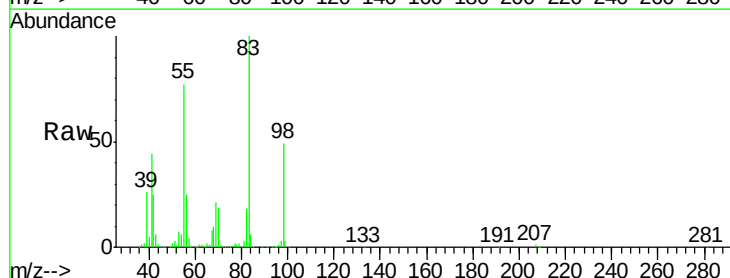
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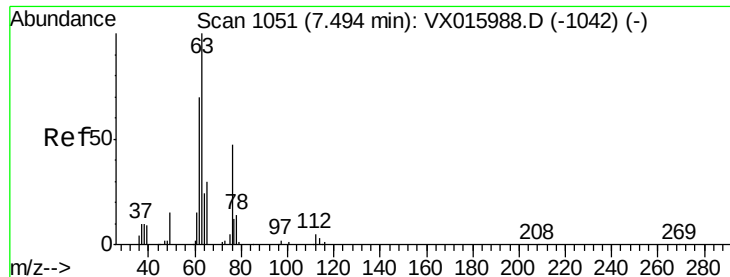
MMDadoda
 5/4/2020 3:10:17 PM



#38
 Methylcyclohexane
 Concen: 17.799 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: VX015992.D
 Acq: 30 Apr 2020 13:32

Tgt Ion: 83 Resp: 94270
 Ion Ratio Lower Upper
 83 100
 55 77.1 38.8 116.4
 98 49.8 25.1 75.3





#39

1,2-Dichloropropane

Concen: 18.186 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

ClientSampleId :

ICVVX043020

Tot Ion: 63 Resp: 59097

Ion Ratio Lower Upper

63 100

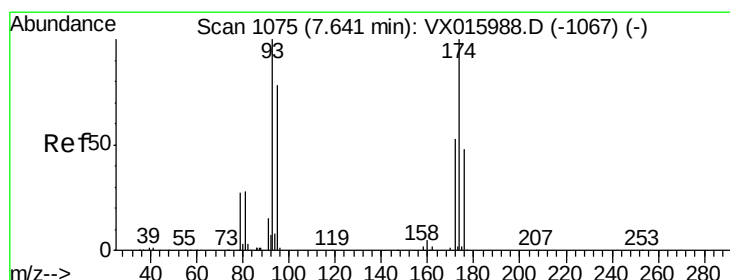
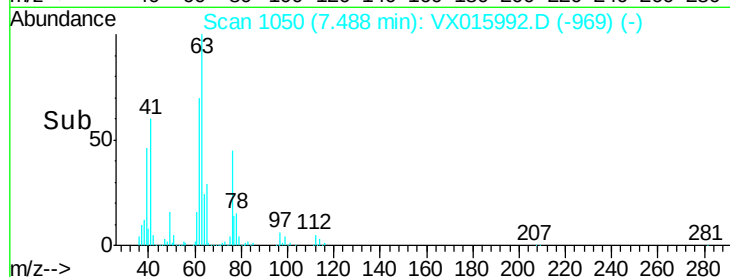
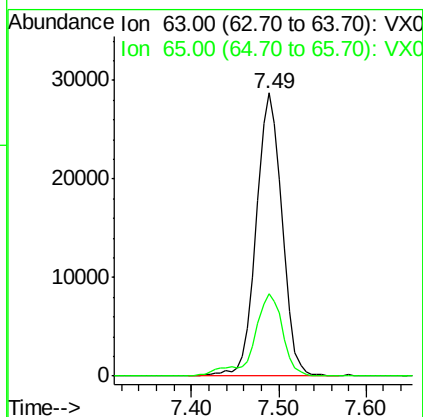
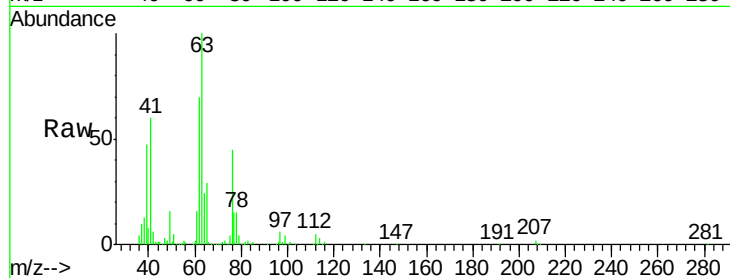
65 29.0 25.9 38.9

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#40

Dibromomethane

Concen: 18.545 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

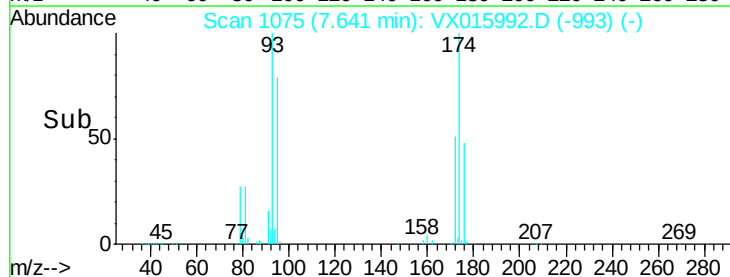
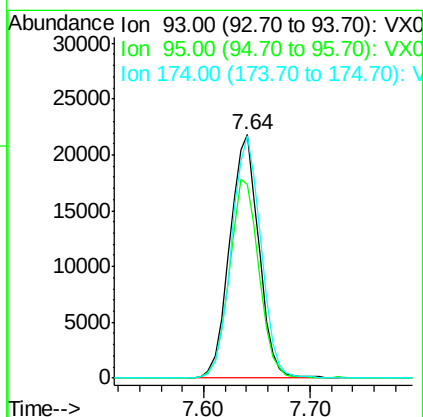
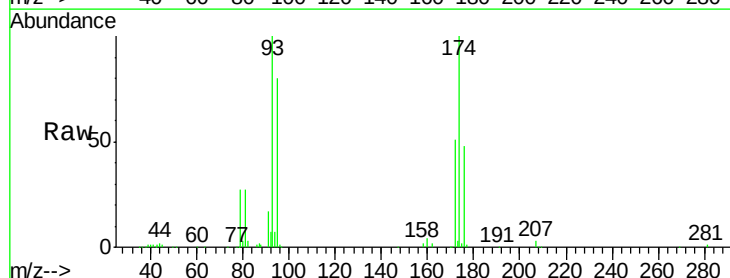
Tgt Ion: 93 Resp: 41845

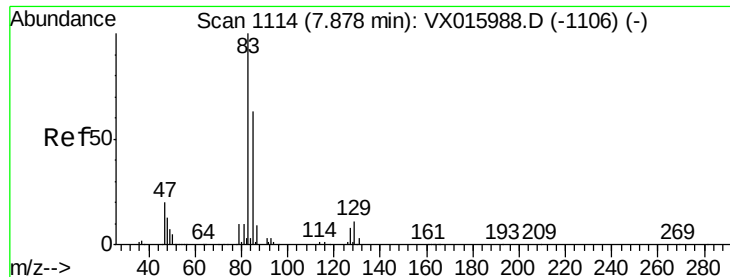
Ion Ratio Lower Upper

93 100

95 82.7 0.0 162.8

174 100.8 0.0 204.0





#41

Bromodichloromethane

Concen: 17.618 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

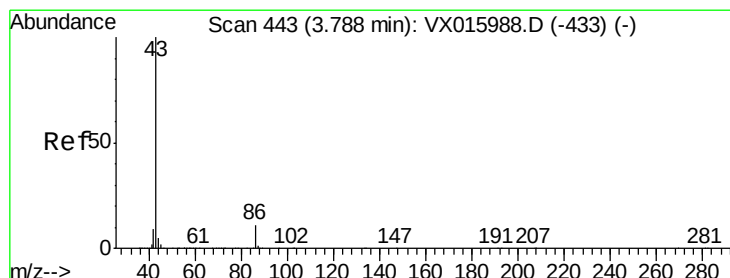
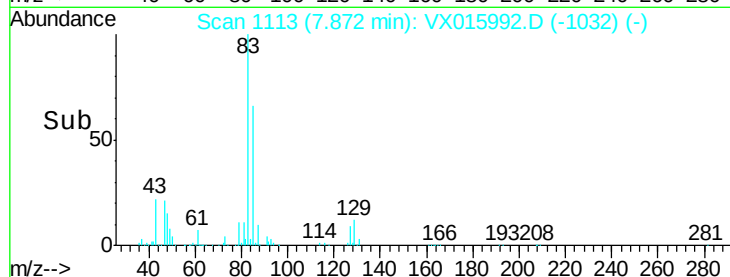
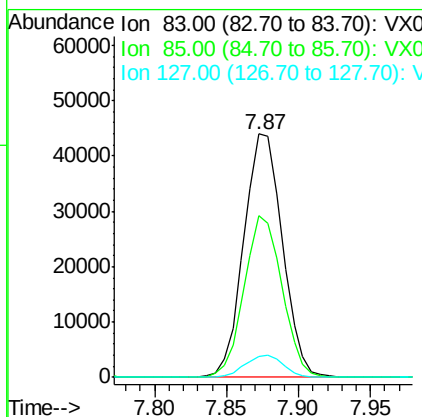
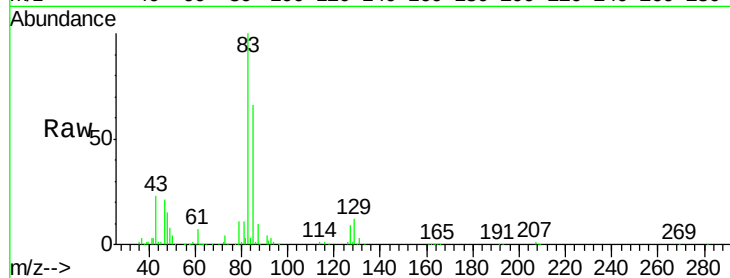
ClientSampleId :

ICVVX043020

Tot Ion:	83	Resp:	81955
Ion	Ratio	Lower	Upper
83	100		
85	66.2	50.4	75.6
127	8.5	6.7	10.1

Manual Integrations
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#42

Vinyl Acetate

Concen: 91.867 ug/l

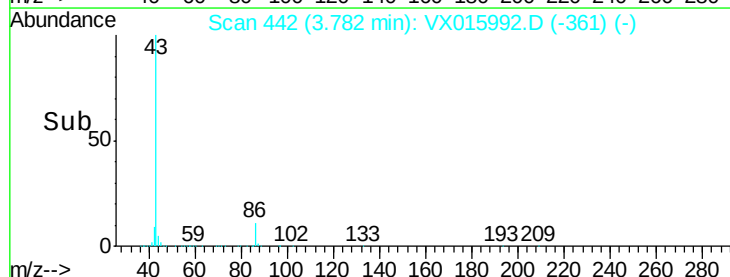
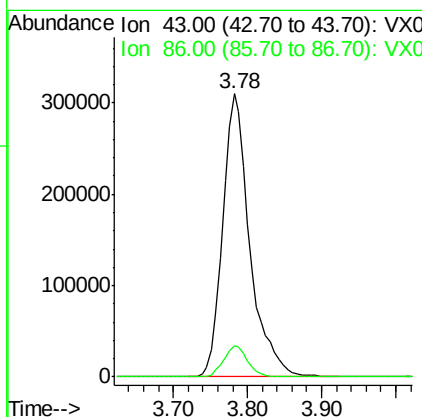
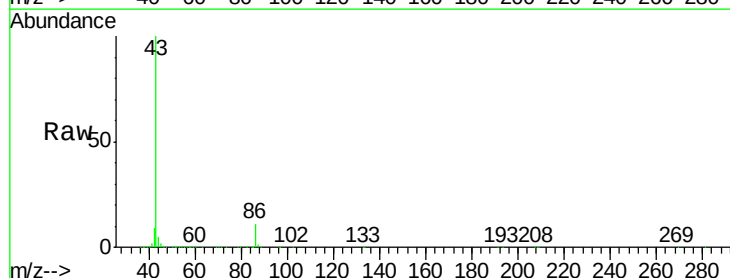
RT: 3.78 min Scan# 442

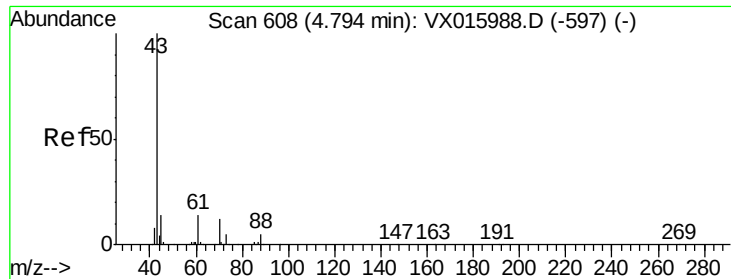
Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Tgt Ion:	43	Resp:	784881
Ion	Ratio	Lower	Upper
43	100		
86	9.7	7.7	11.5





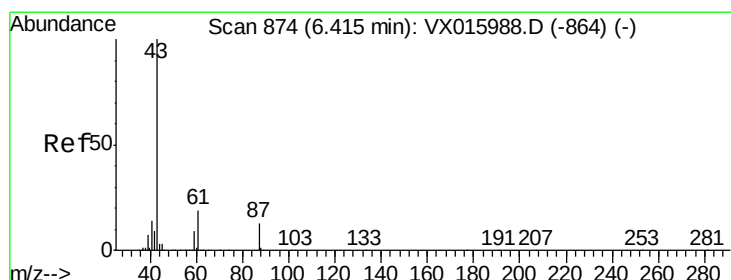
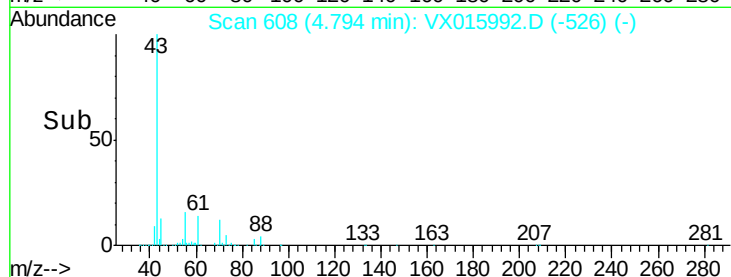
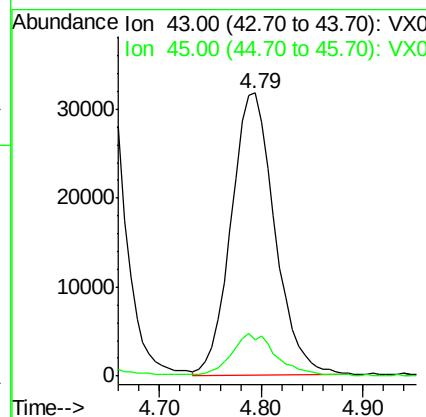
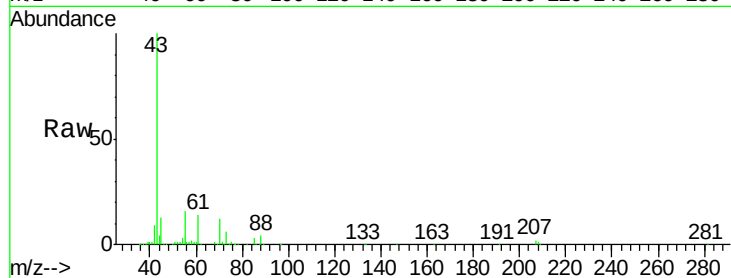
#43
Ethyl Acetate
Concen: 18.412 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Instrument :
MSVOA_X
ClientSampleId :
ICVVX043020

Tot Ion	43	Resp	93792
Ion Ratio	100	Lower	Upper
45	14.0	11.9	17.9

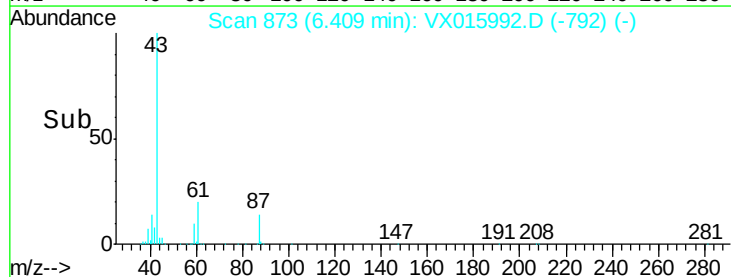
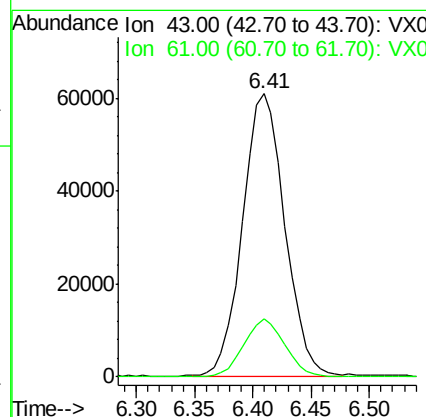
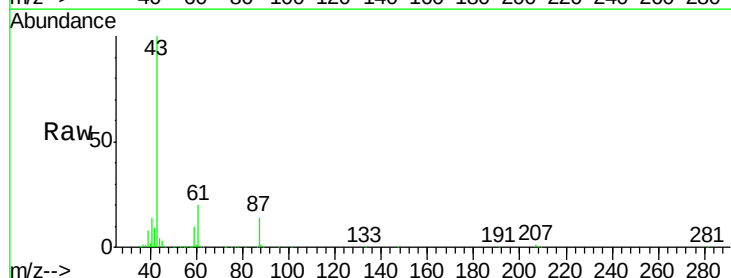
Manual Integrations
APPROVED

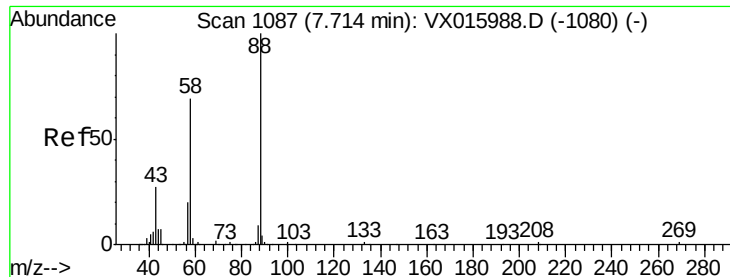
MMDadoda
5/4/2020 3:10:17 PM



#44
Isopropyl Acetate
Concen: 18.491 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.01 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Tgt Ion	43	Resp	152854
Ion Ratio	100	Lower	Upper
61	20.1	16.1	24.1





#45

1,4-Dioxane

Concen: 366.552 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

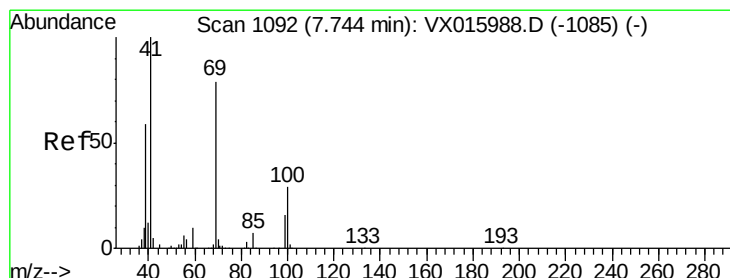
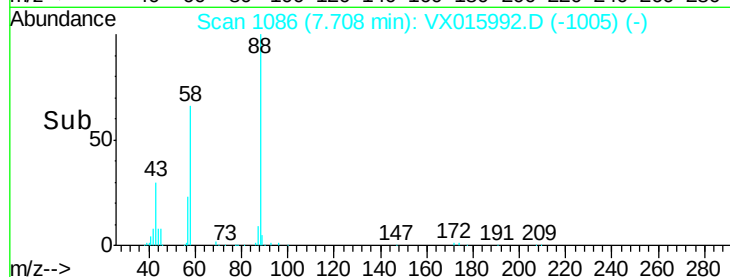
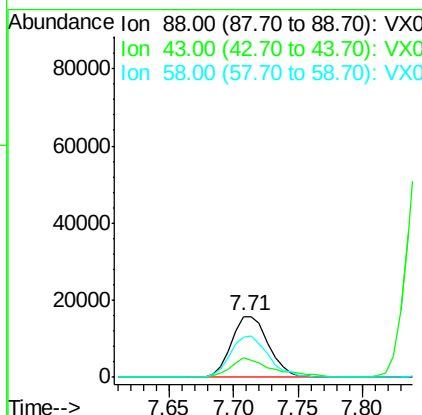
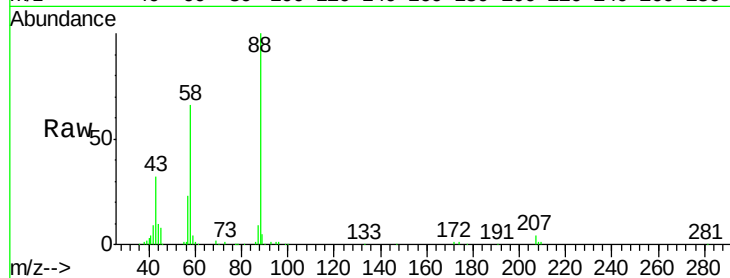
ClientSampleId :

ICVVX043020

Tot Ion:	88	Resp:	32007
Ion	Ratio	Lower	Upper
88	100		
43	33.8	26.3	39.5
58	69.7	57.0	85.6

Manual Integrations
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5/4/2020 3:10:17 PM



#46

Methyl methacrylate

Concen: 18.198 ug/l

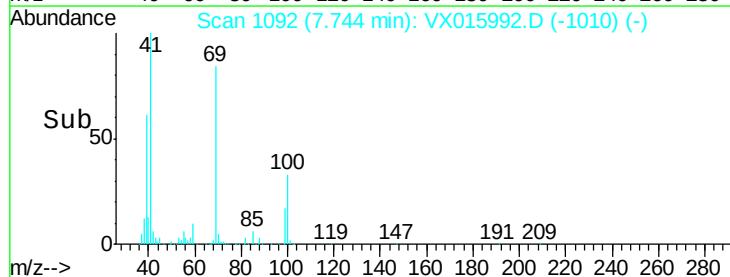
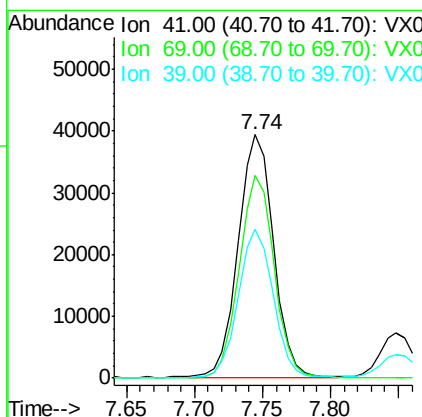
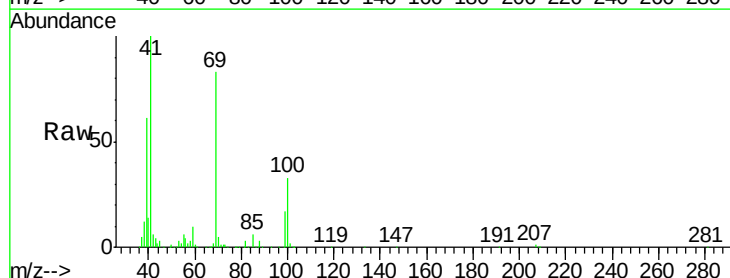
RT: 7.74 min Scan# 1092

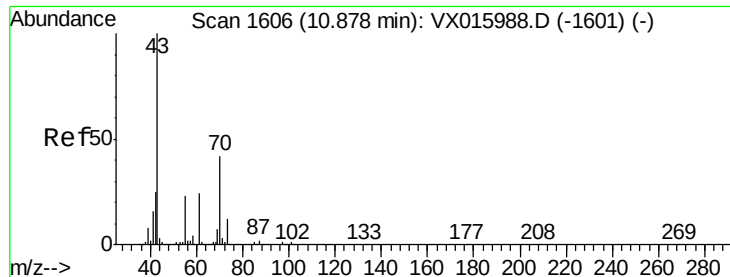
Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Tgt Ion:	41	Resp:	71316
Ion	Ratio	Lower	Upper
41	100		
69	83.7	39.5	118.5
39	61.3	29.6	88.9





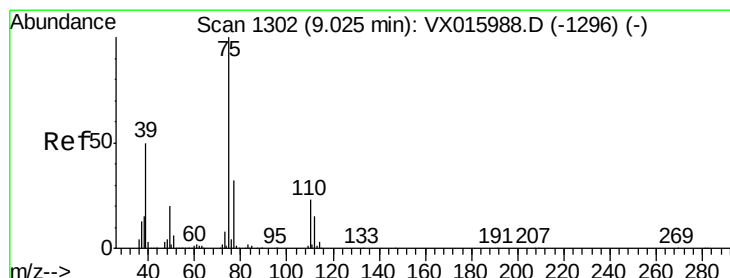
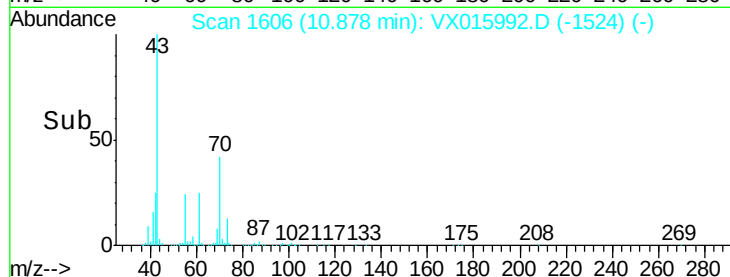
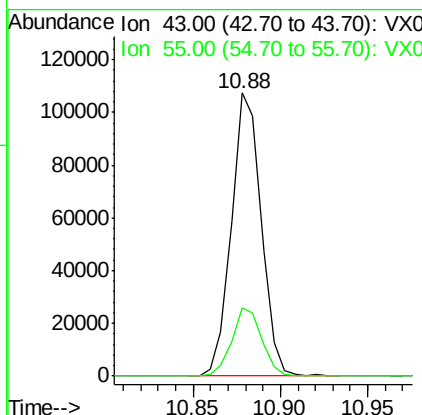
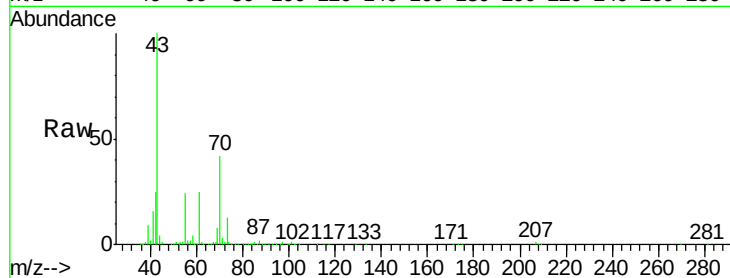
#47
n-amvl Acetate
Concen: 17.580 ug/l
RT: 10.88 min Scan# 1606
Delta R.T. 0.00 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Instrument :
MSVOA_X
ClientSampleId :
ICVVX043020

Tot Ion: 43 Resp: 127074
Ion Ratio Lower Upper
43 100
55 24.3 19.0 28.4

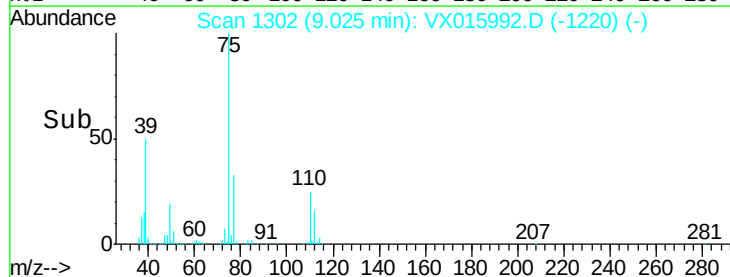
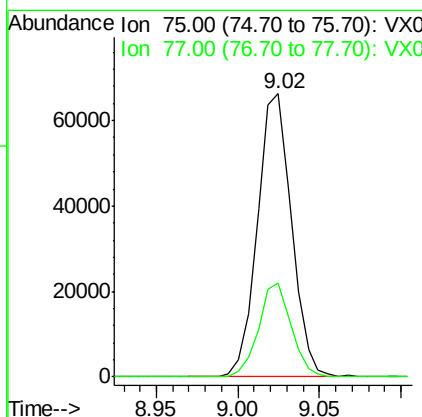
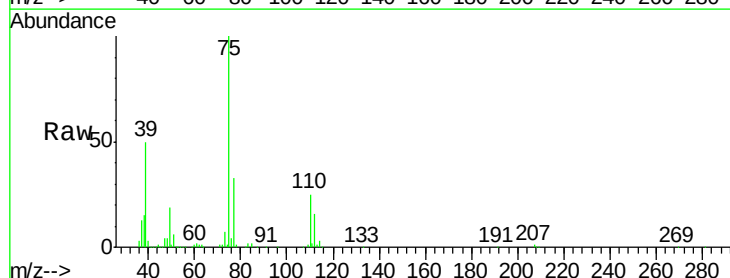
Manual Integrations
APPROVED

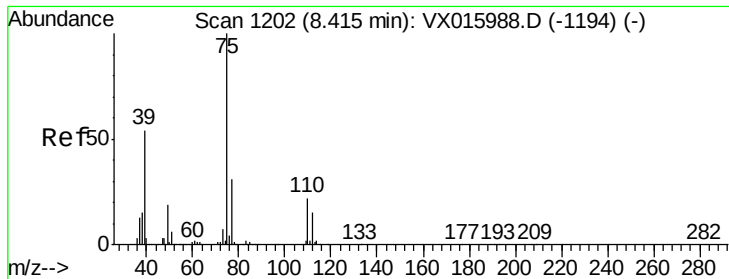
MMDadoda
5/4/2020 3:10:17 PM



#48
t-1,3-Dichloropropene
Concen: 17.757 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Tgt Ion: 75 Resp: 95915
Ion Ratio Lower Upper
75 100
77 33.1 25.8 38.8





#49

cis-1,3-Dichloropropene

Concen: 18.062 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

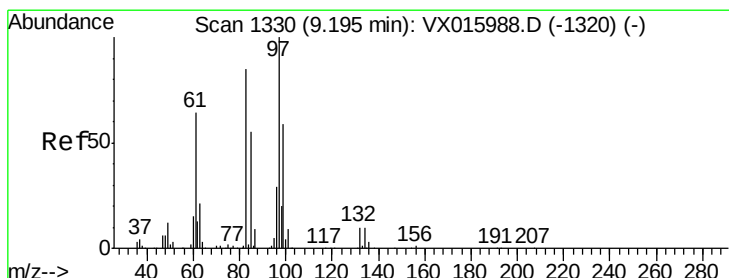
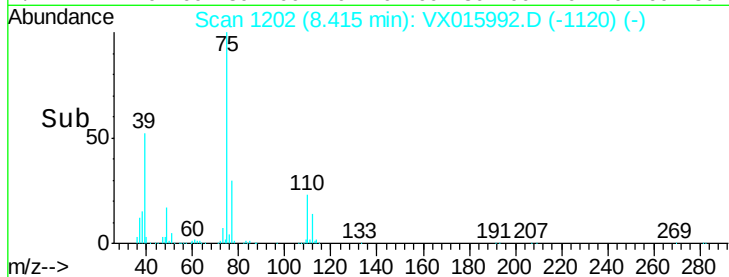
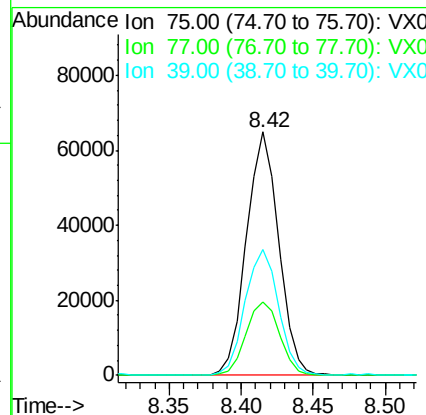
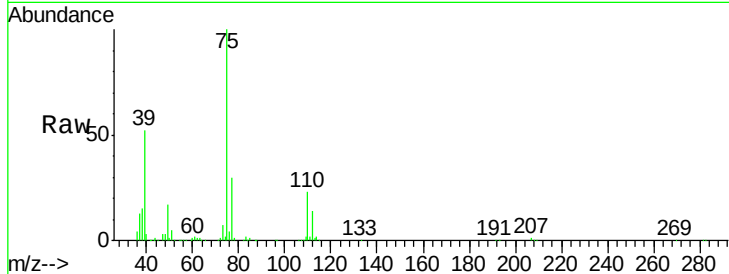
ClientSampleId :

ICVVX043020

Tot Ion:	75	Resp:	100802
Ion Ratio	Lower	Upper	
75	100		
77	29.9	25.0	37.6
39	51.6	43.2	64.8

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 17.940 ug/l

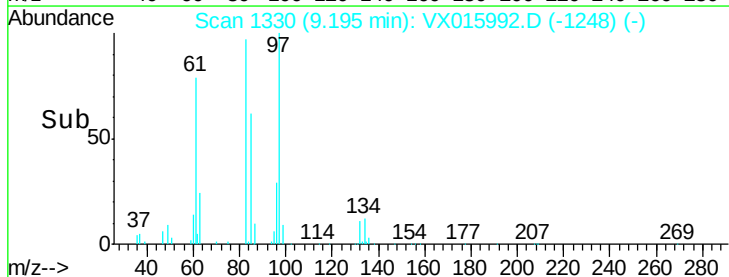
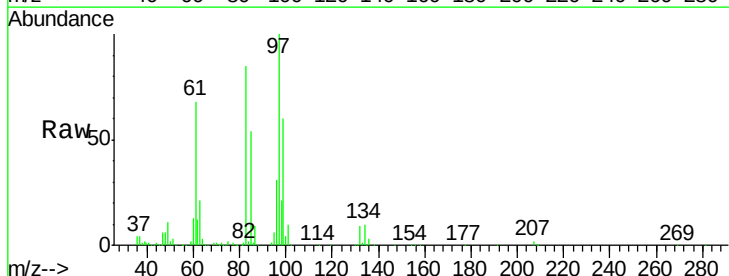
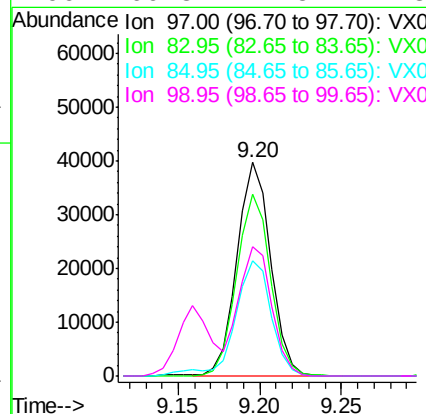
RT: 9.20 min Scan# 1330

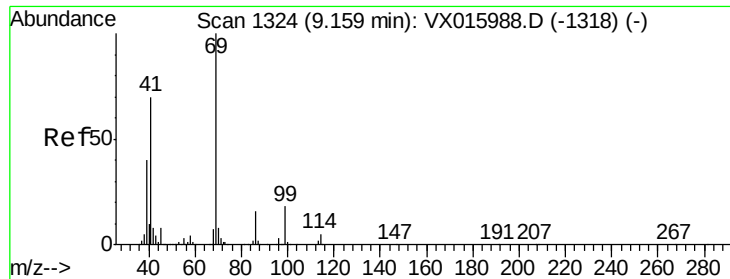
Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Tgt Ion:	97	Resp:	57043
Ion Ratio	Lower	Upper	
97	100		
83	85.2	67.7	101.5
85	54.0	43.7	65.5
99	60.3	47.5	71.3





#51

Ethyl methacrylate

Concen: 17.830 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

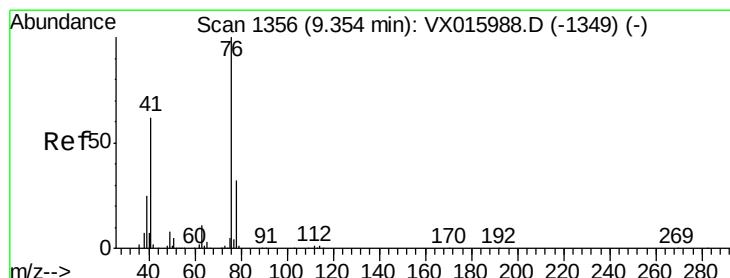
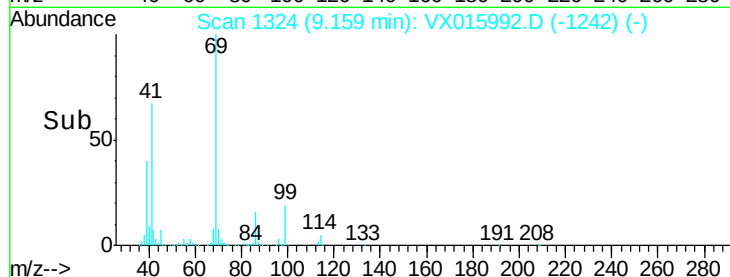
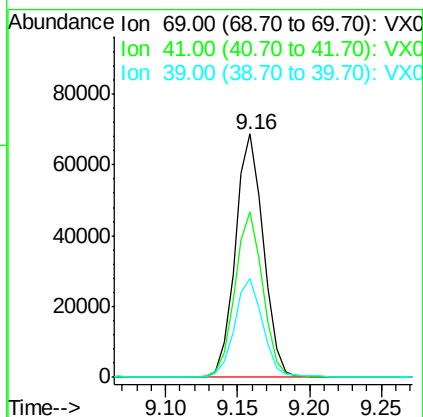
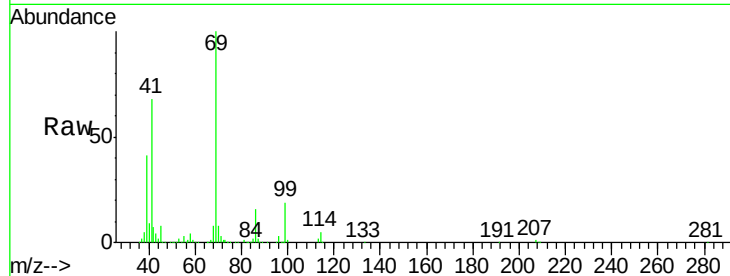
ClientSampleId :

ICVVX043020

Tot Ion:	69	Resp:	93617
Ion	Ratio	Lower	Upper
69	100		
41	67.8	34.8	104.4
39	40.4	19.8	59.4

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#52

1,3-Dichloropropane

Concen: 18.406 ug/l

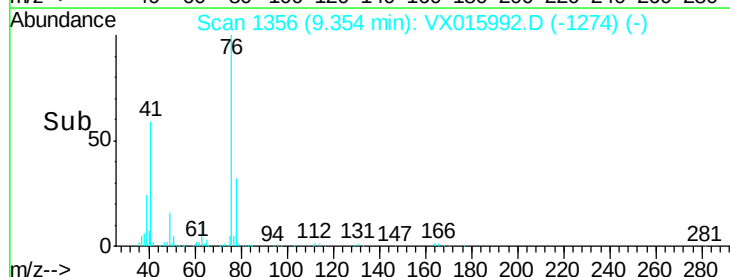
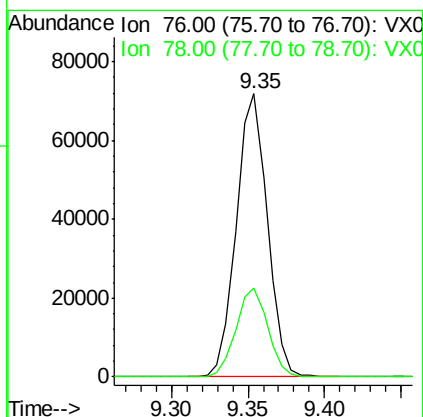
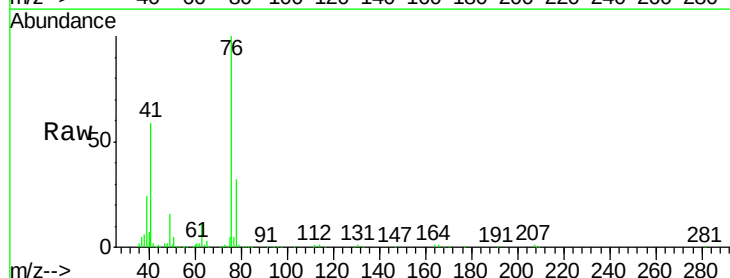
RT: 9.35 min Scan# 1356

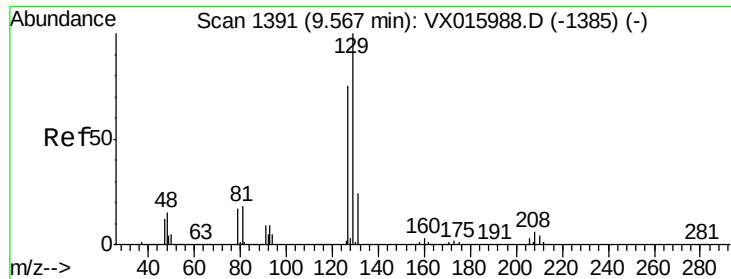
Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Tgt Ion:	76	Resp:	101171
Ion	Ratio	Lower	Upper
76	100		
78	32.1	0.0	64.2





#53

Dibromochloromethane

Concen: 17.728 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

ClientSampleId :

ICVVX043020

Tot Ion:129 Resp: 64133

Ion Ratio Lower Upper

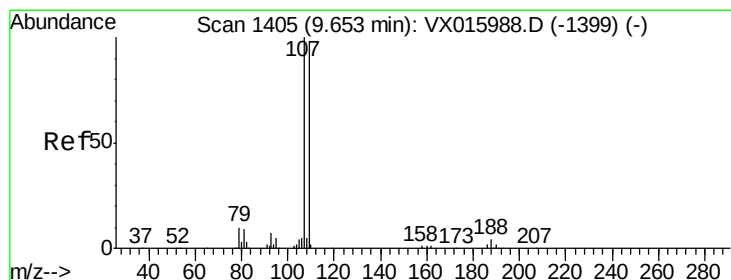
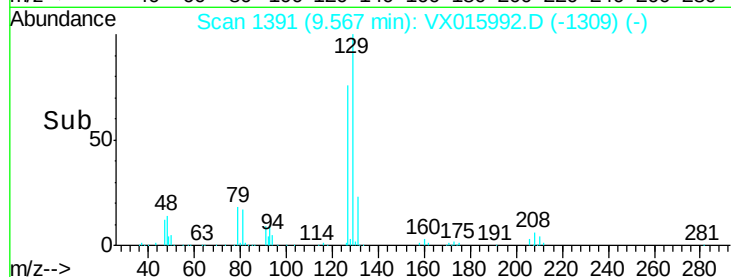
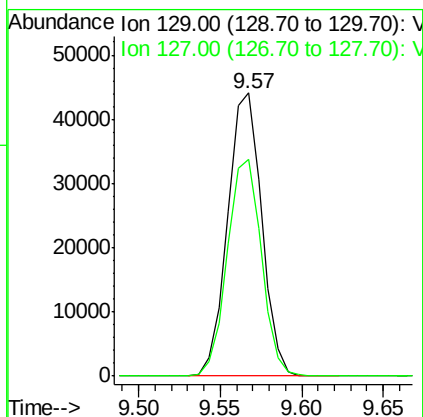
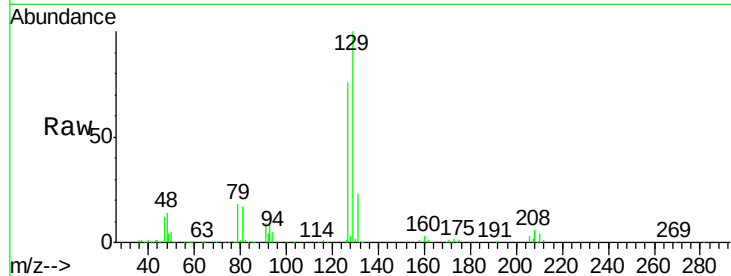
129 100

127 76.7 38.3 114.9

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#54

1,2-Dibromoethane

Concen: 18.049 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX015992.D

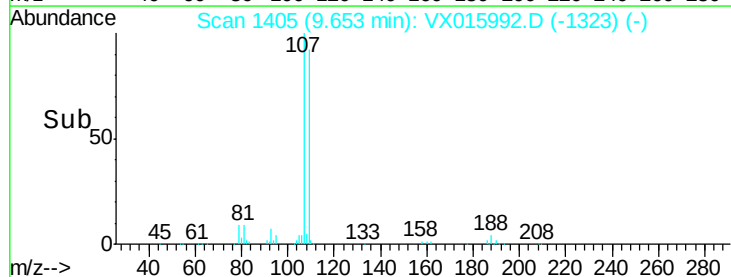
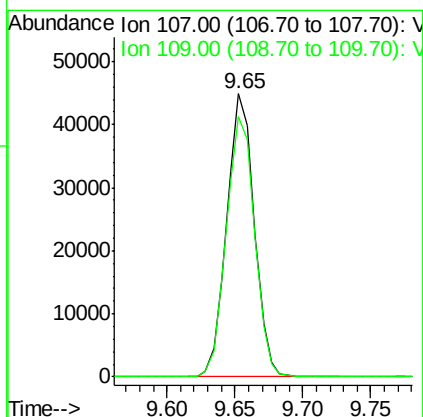
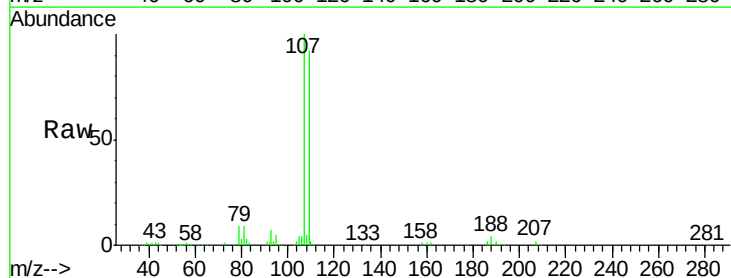
Acq: 30 Apr 2020 13:32

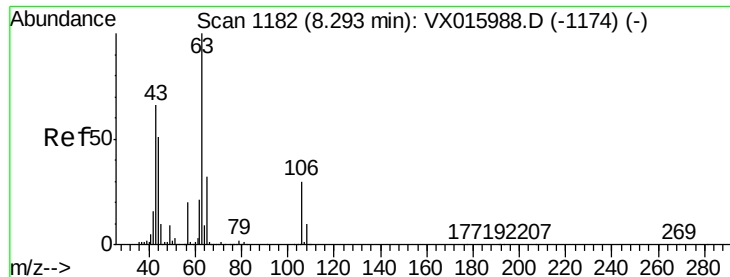
Tgt Ion:107 Resp: 63073

Ion Ratio Lower Upper

107 100

109 95.1 74.7 112.1





#55

2-Chloroethyl vinyl ether

Concen: 88.499 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

ClientSampleId :

ICVVX043020

Tot Ion: 63 Resp: 252799

Ion Ratio Lower Upper

63 100

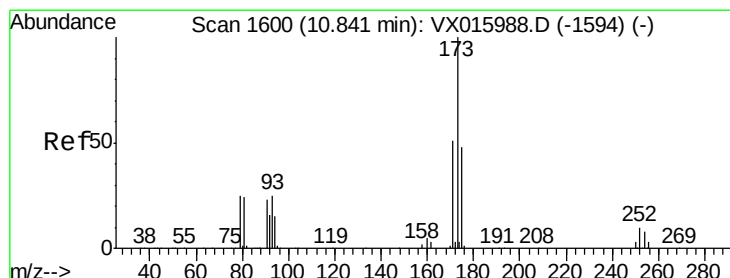
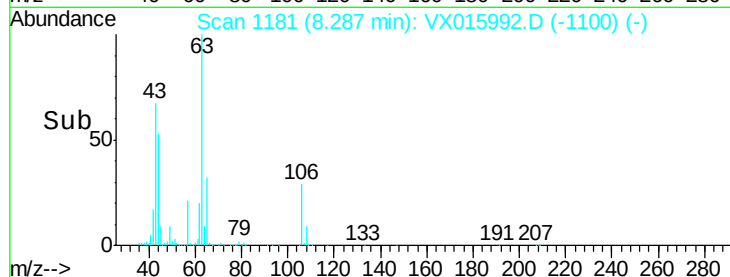
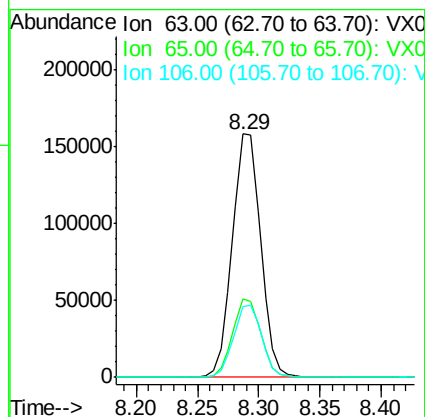
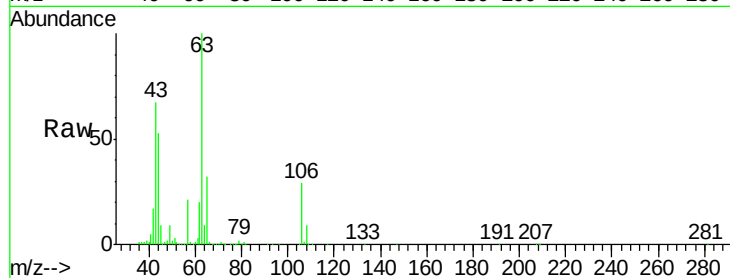
65 32.0 25.6 38.4

106 29.4 23.4 35.0

Manual Integrations
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#56

Bromoform

Concen: 16.840 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

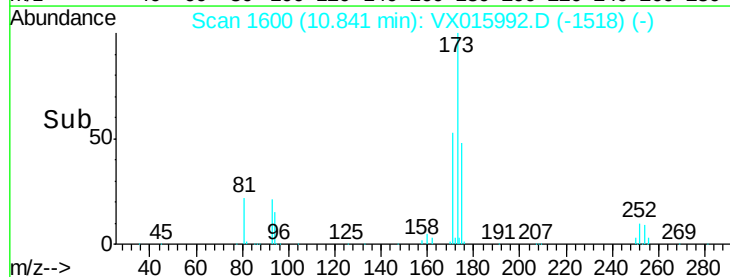
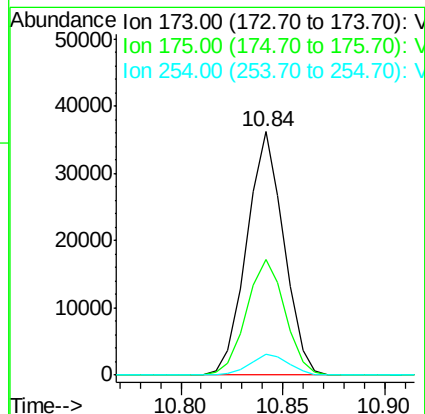
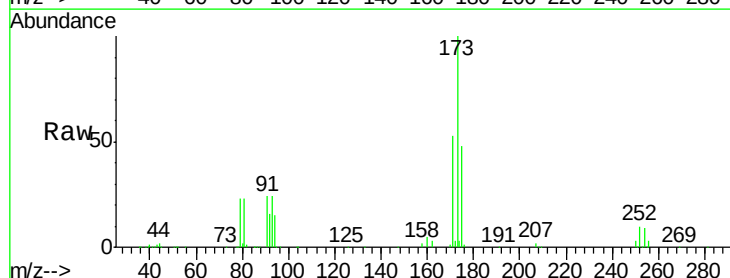
Tgt Ion: 173 Resp: 45901

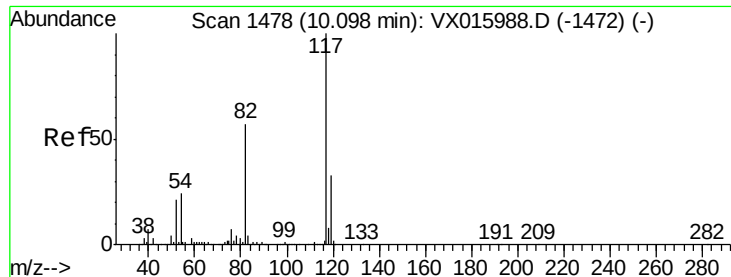
Ion Ratio Lower Upper

173 100

175 49.5 38.0 57.0

254 9.1 6.8 10.2





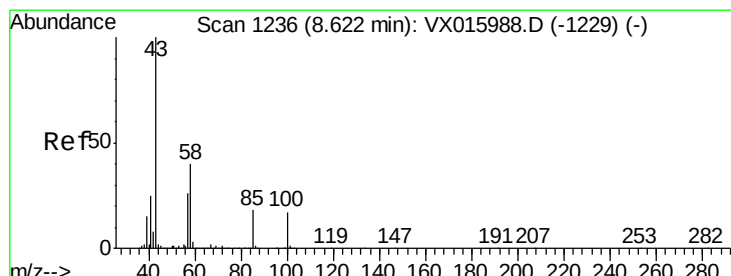
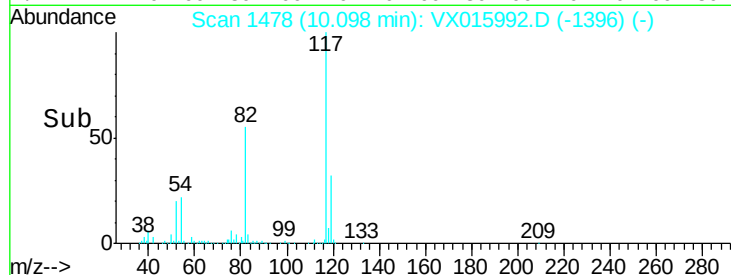
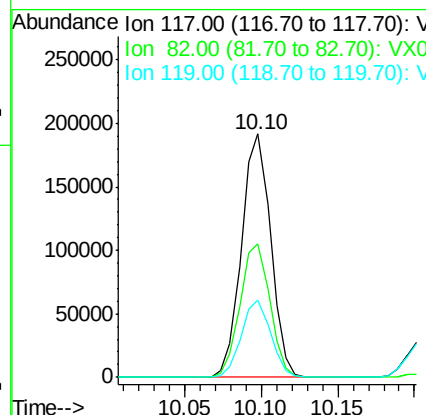
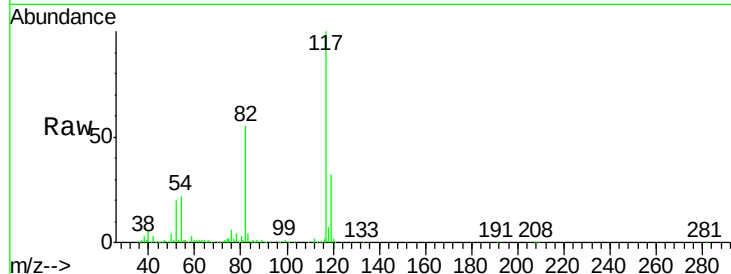
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Instrument :
MSVOA_X
ClientSampled :
ICVVX043020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	253759		
82	56.0		45.1	67.7
119	32.0		25.6	38.4

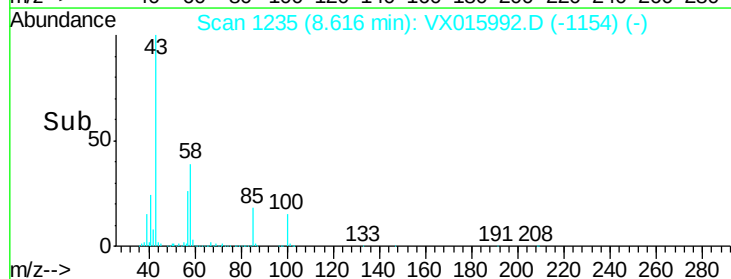
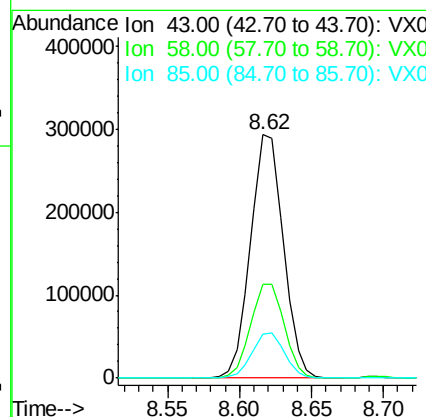
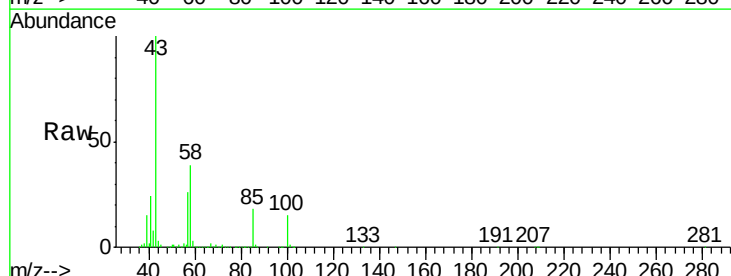
Manual Integrations
APPROVED

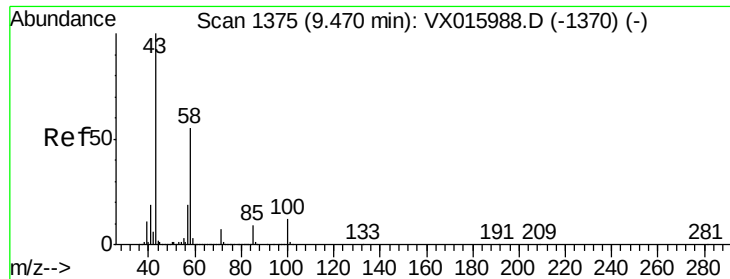
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 92.408 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	462426		
58	39.6		31.8	47.6
85	18.4		14.5	21.7





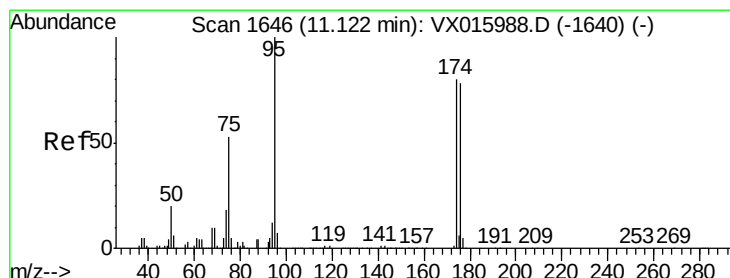
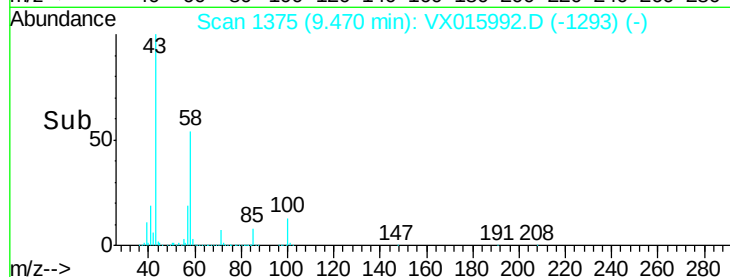
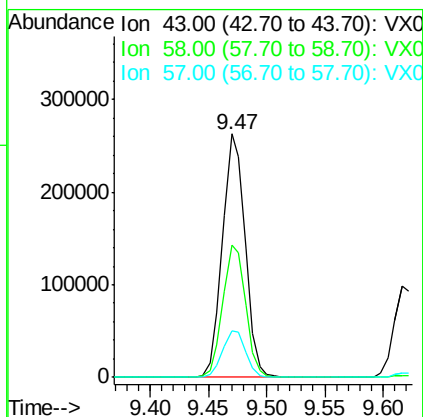
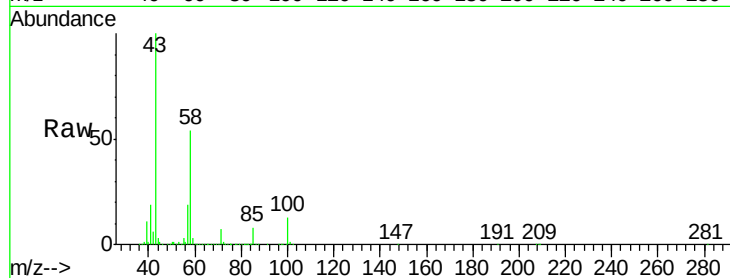
#59
2-Hexanone
Concen: 91.640 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Instrument :
MSVOA_X
ClientSampleId :
ICVVX043020

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.8	44.0	66.0
57	19.5	15.5	23.3

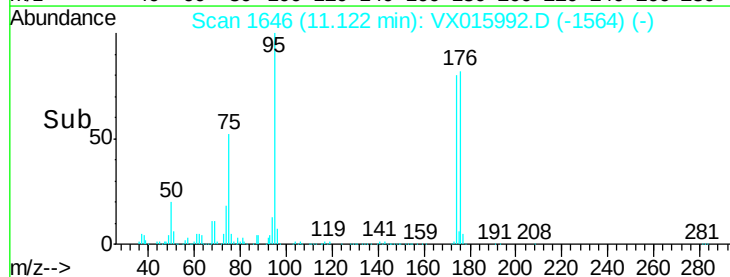
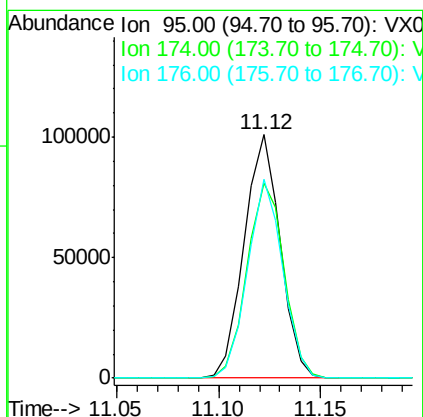
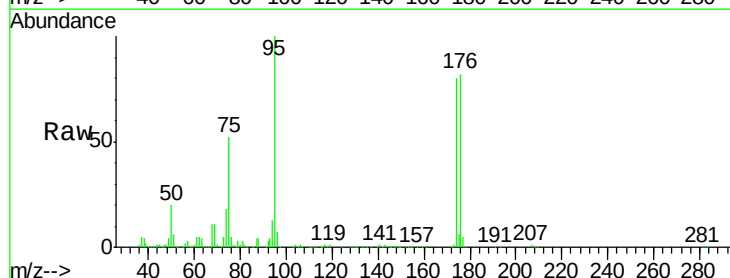
Manual Integrations
APPROVED

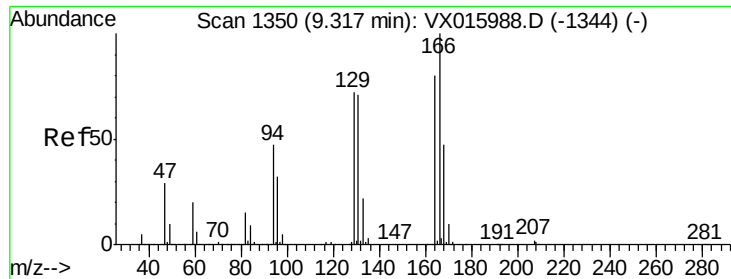
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 29.258 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.6	64.8	97.2
176	79.6	62.4	93.6





#61

Tetrachloroethene

Concen: 18.464 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

ClientSampleId :

ICVVX043020

Tot Ion:164 Resp: 92681

Ion Ratio Lower Upper

164 100

166 128.2 100.1 150.1

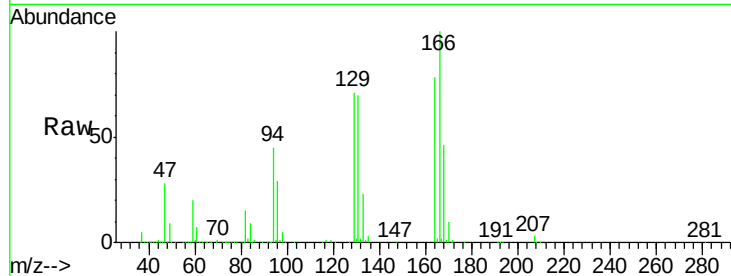
129 91.5 72.2 108.4

131 89.9 71.3 106.9

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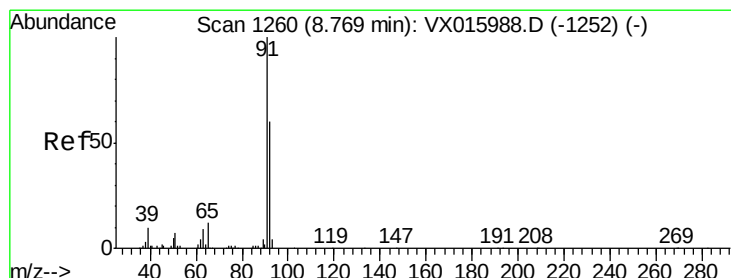
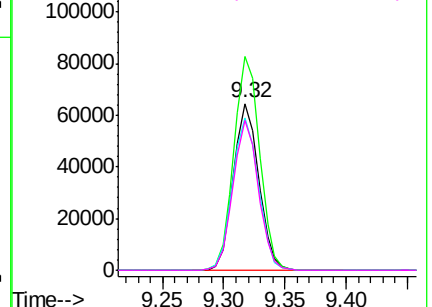
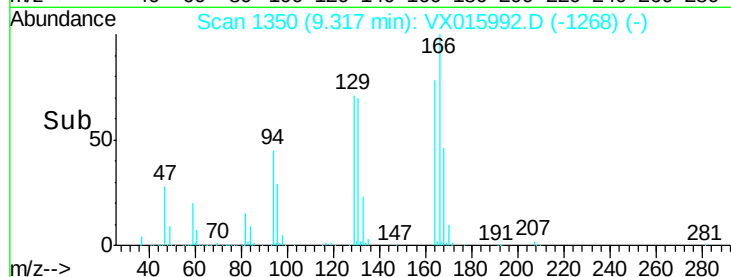


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.080 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX015992.D

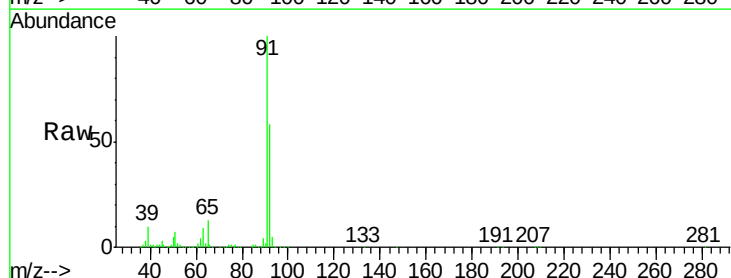
Acq: 30 Apr 2020 13:32

Tgt Ion: 91 Resp: 245113

Ion Ratio Lower Upper

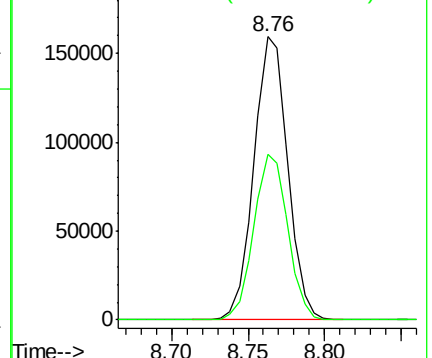
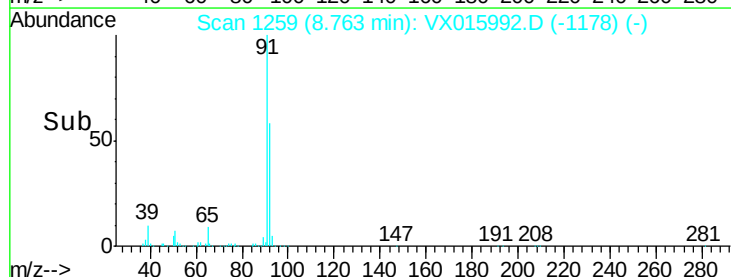
91 100

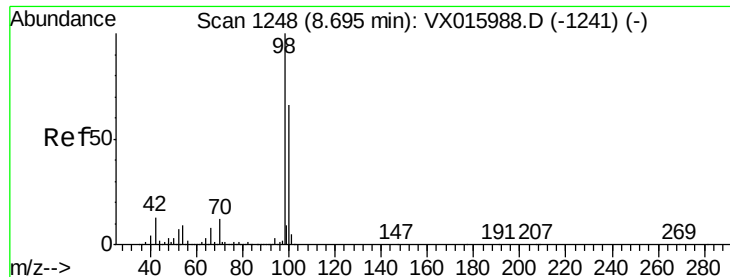
92 58.7 47.2 70.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.389 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

ClientSampleId :

ICVVX043020

Tot Ion: 98 Resp: 330811

Ion Ratio Lower Upper

98 100

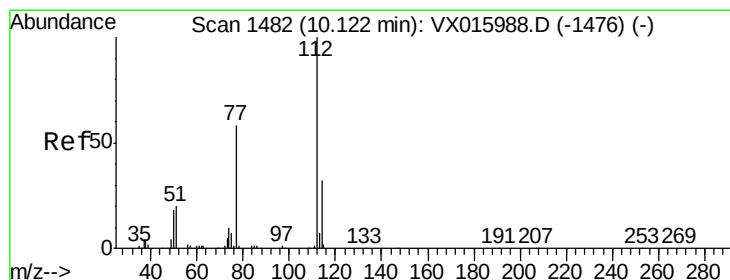
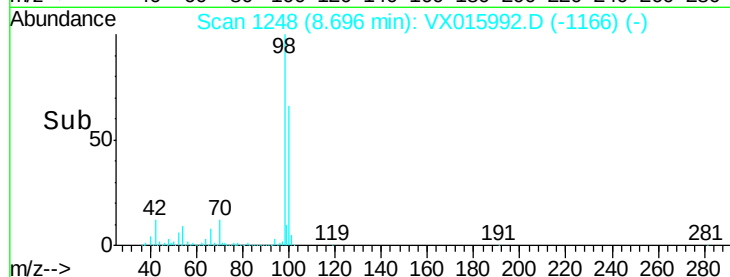
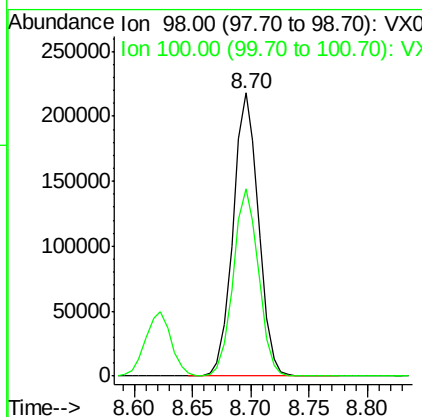
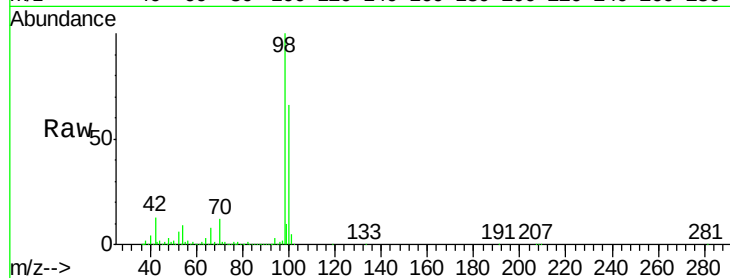
100 65.7 52.5 78.7

Manual Integrations

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#64

Chlorobenzene

Concen: 17.847 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX015992.D

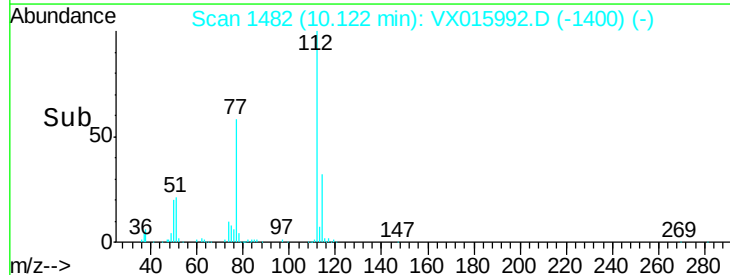
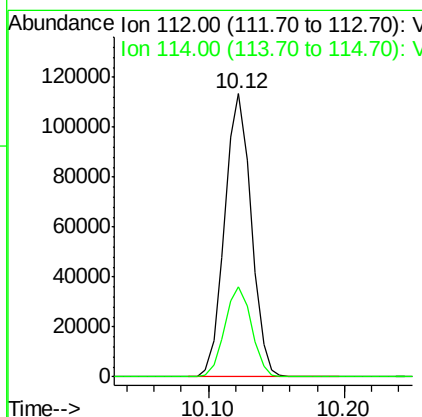
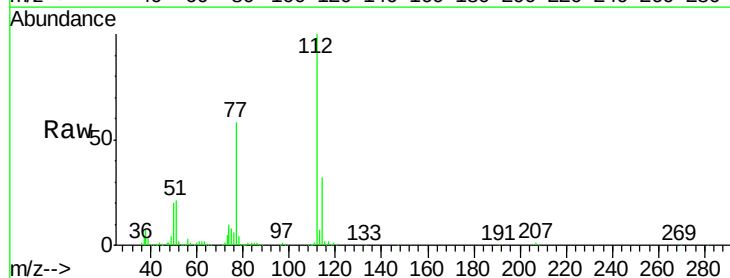
Acq: 30 Apr 2020 13:32

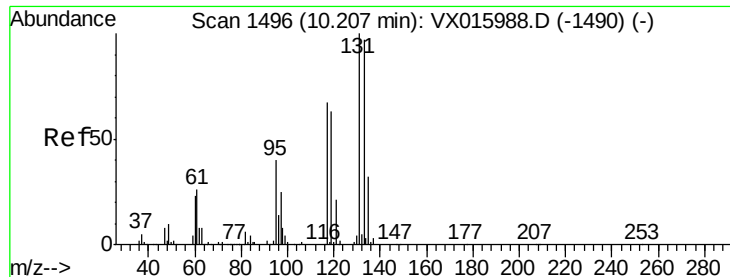
Tgt Ion: 112 Resp: 154053

Ion Ratio Lower Upper

112 100

114 31.7 25.8 38.6





#65

1,1,1,2-Tetrachloroethane

Concen: 17.852 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

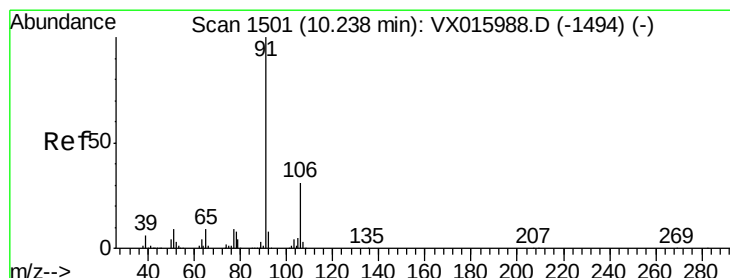
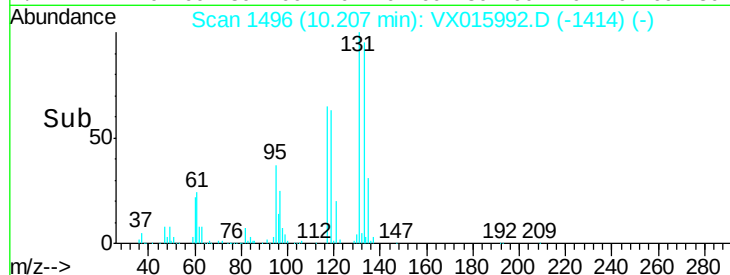
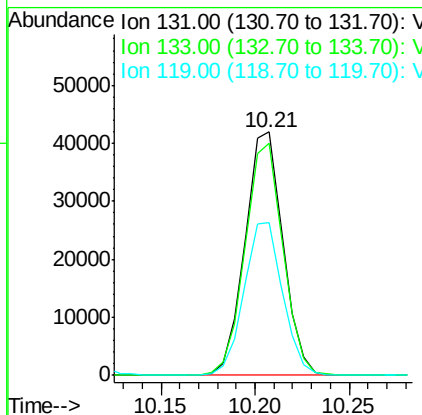
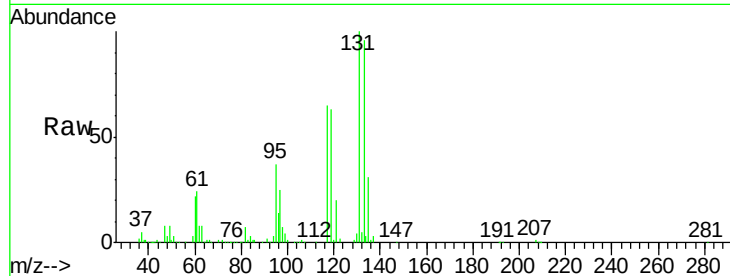
ClientSampled :

ICVVX043020

Tot Ion:	131	Resp:	58501
Ion Ratio	Lower	Upper	
131	100		
133	94.9	0.0	187.0
119	64.1	0.0	129.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 18.035 ug/l

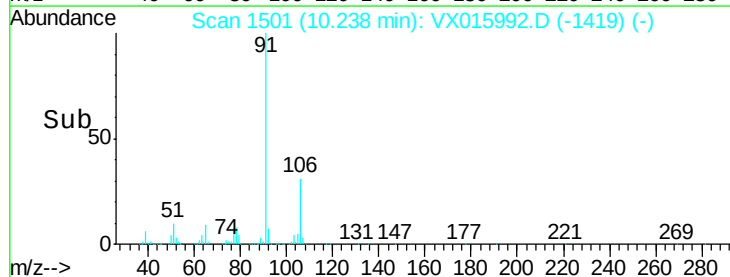
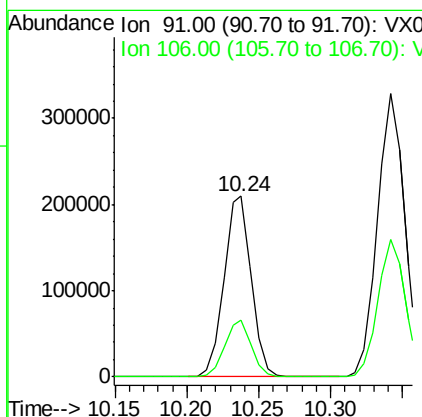
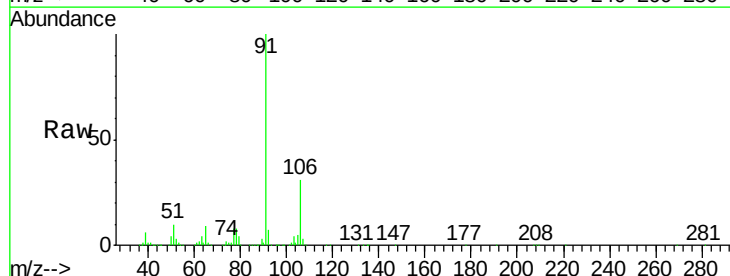
RT: 10.24 min Scan# 1501

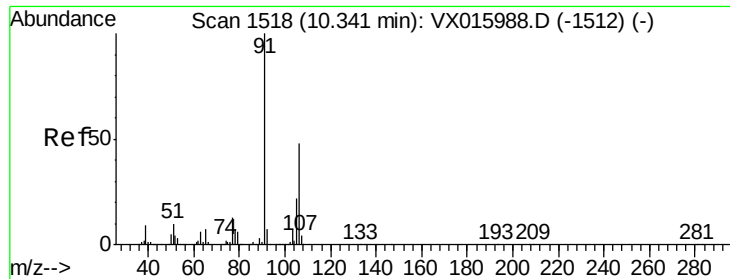
Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Tgt Ion:	91	Resp:	278417
Ion Ratio	Lower	Upper	
91	100		
106	31.2	24.8	37.2





#67

m/p-Xylenes

Concen: 35.473 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

ClientSampleId :

ICVVX043020

Tot Ion:106 Resp: 208609

Ion Ratio Lower Upper

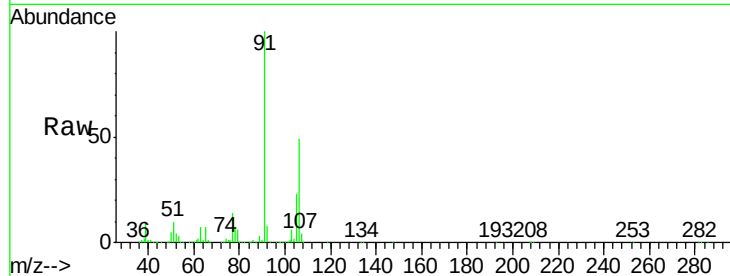
106 100

91 204.2 164.2 246.4

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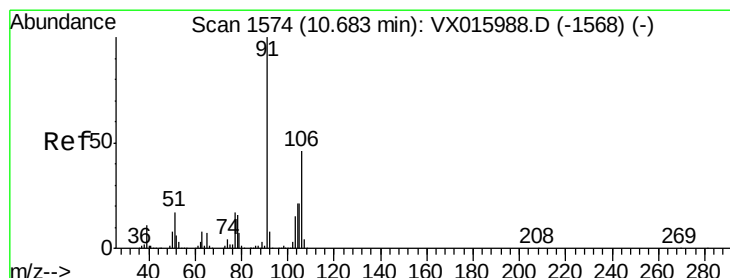
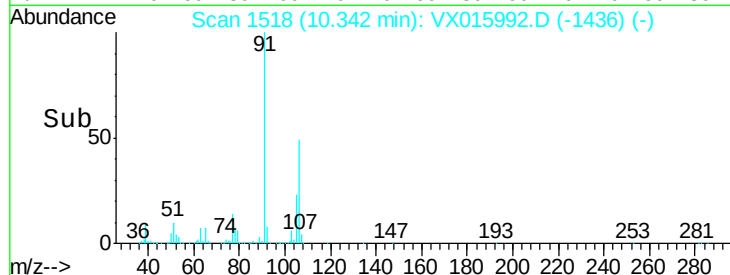
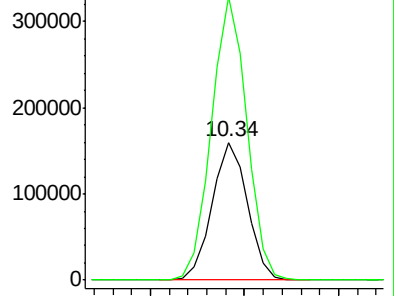
MMDadoda

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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 17.852 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX015992.D

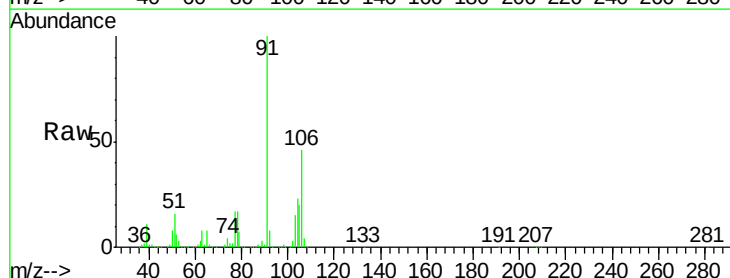
Acq: 30 Apr 2020 13:32

Tgt Ion:106 Resp: 101236

Ion Ratio Lower Upper

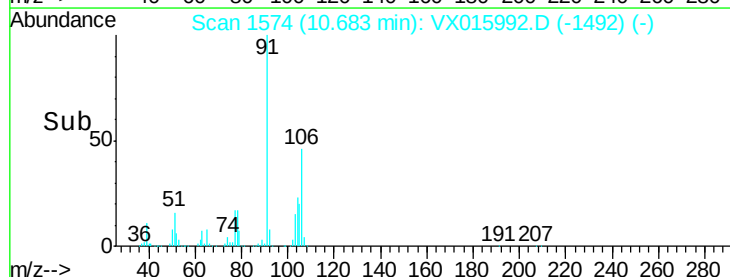
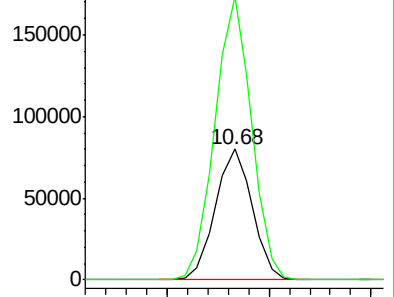
106 100

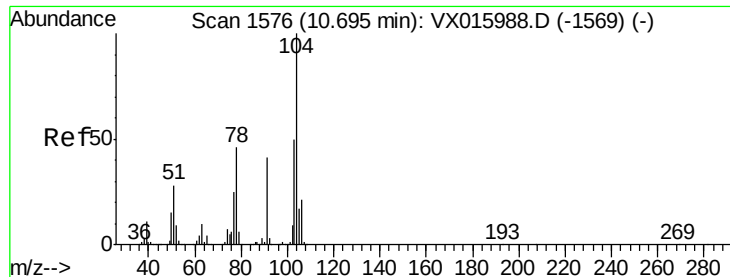
91 213.0 108.3 325.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





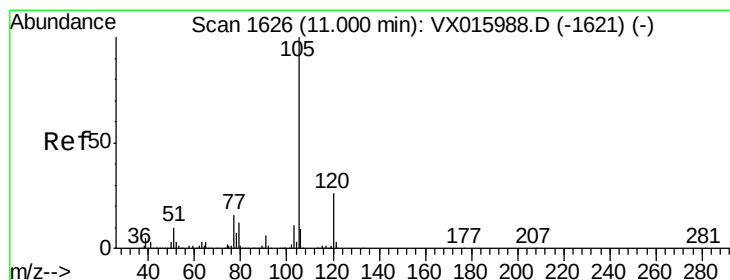
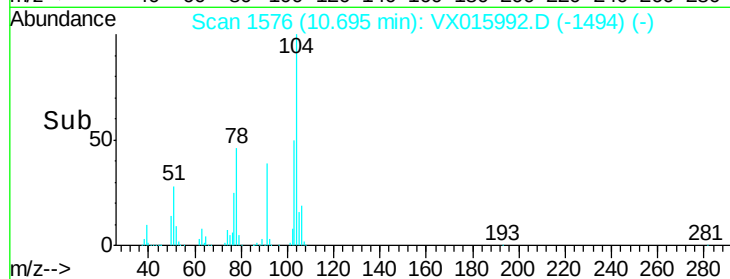
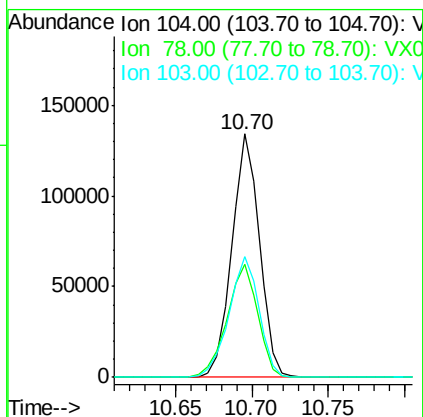
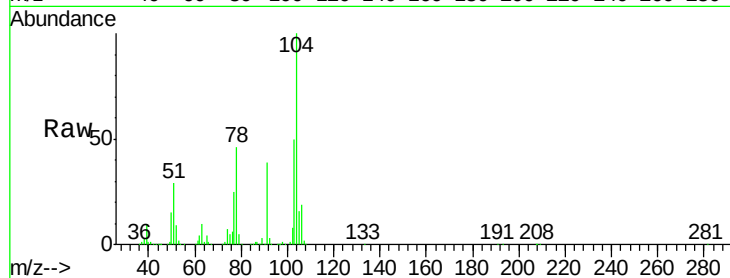
#69
Stvrene
Concen: 17.236 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Instrument :
MSVOA_X
ClientSampleId :
ICVVX043020

Tot Ion	Ratio	Resp	Lower	Upper
104	100	167294		
78	51.4		40.7	61.1
103	54.4		43.0	64.4

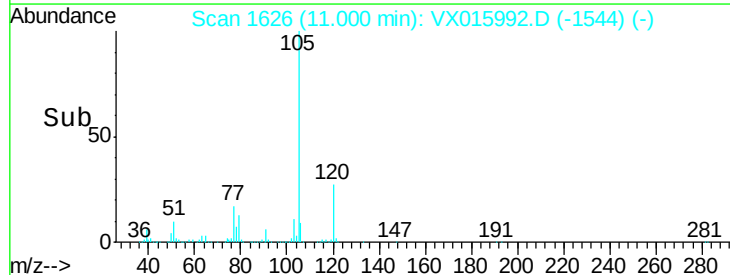
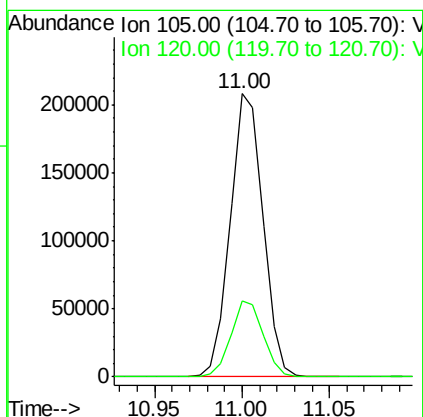
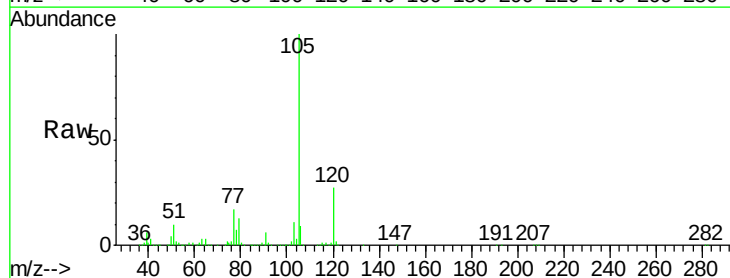
Manual Integrations
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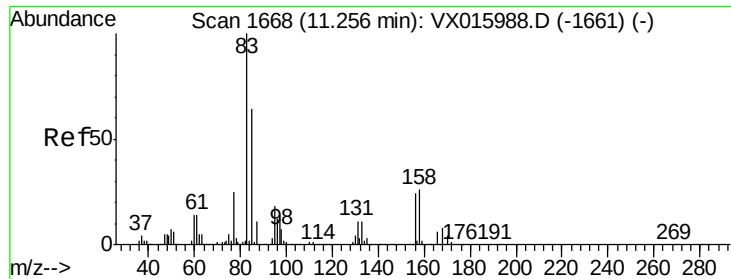
MMDadoda
5/4/2020 3:10:17 PM



#70
Isopropylbenzene
Concen: 17.719 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. 0.00 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	271307		
120	26.5		18.6	34.5





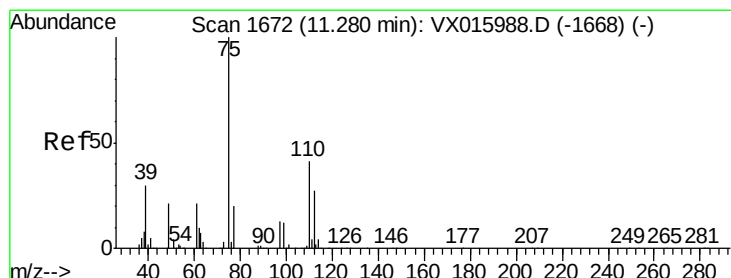
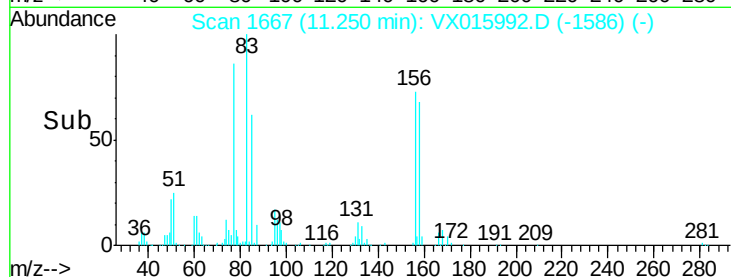
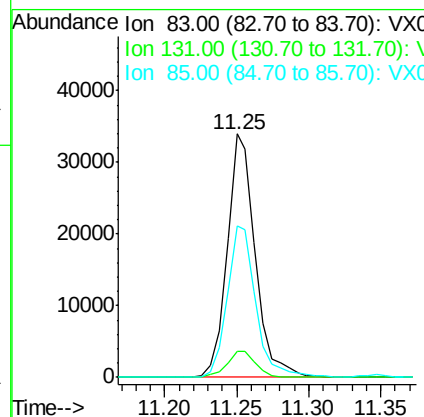
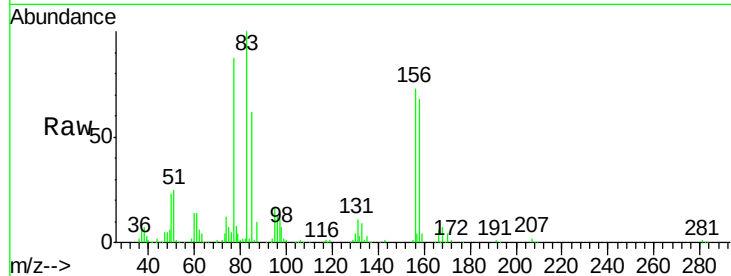
#71
 1,1,2,2-Tetrachloroethane
 Concen: 16.314 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. -0.01 min
 Lab File: VX015992.D
 Acq: 30 Apr 2020 13:32

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX043020

Tot Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.2	15.6
85	63.5	33.0	98.9

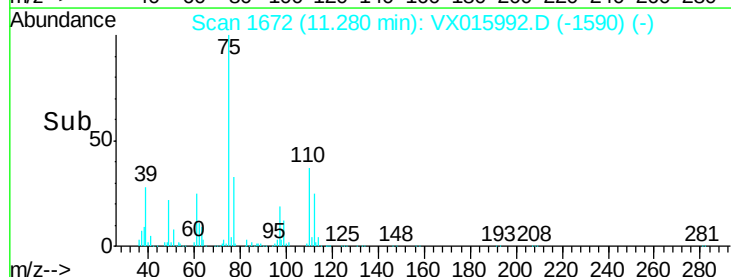
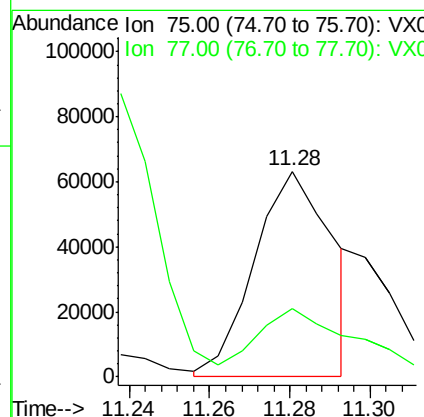
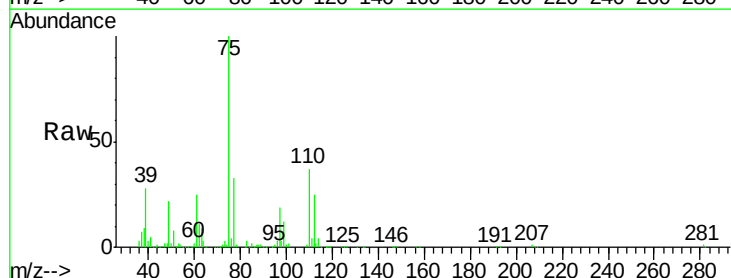
Manual Integrations
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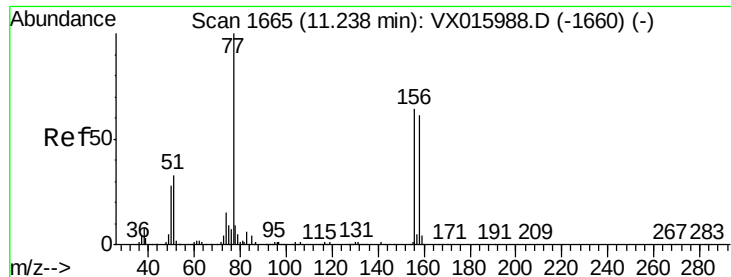
MMDadoda
 5/4/2020 3:10:17 PM



#72
 1,2,3-Trichloropropane
 Concen: 18.385 ug/l m
 RT: 11.28 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VX015992.D
 Acq: 30 Apr 2020 13:32

Tgt Ion	Ratio	Lower	Upper
75	100		
77	42.5	0.0	86.0





#73

Bromobenzene

Concen: 17.694 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

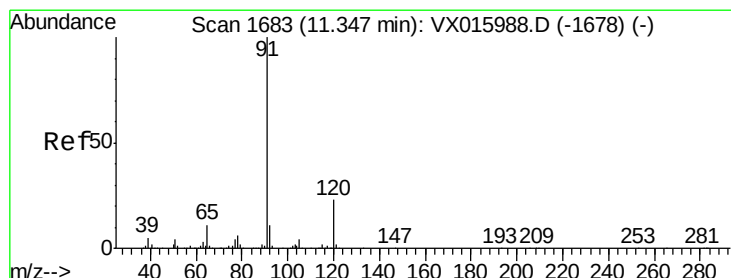
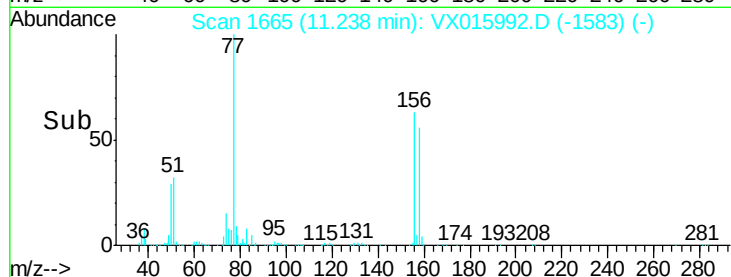
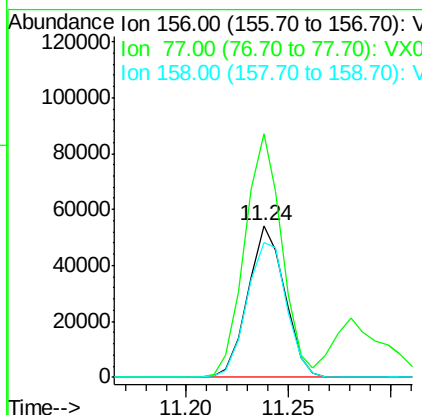
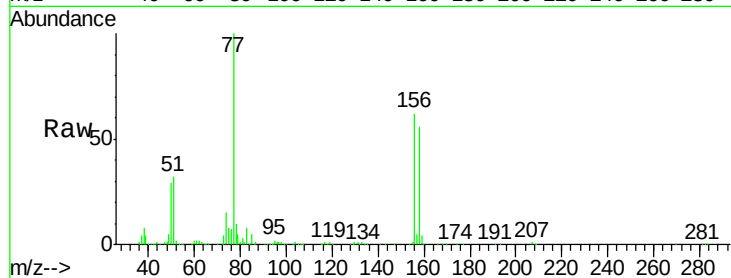
ClientSampled :

ICVVX043020

Tot Ion:	156	Resp:	68268
Ion Ratio	Lower	Upper	
156	100		
77	161.0	0.0	318.0
158	95.5	0.0	193.2

Manual Integrations
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5/4/2020 3:10:17 PM



#74

n-propylbenzene

Concen: 17.675 ug/l

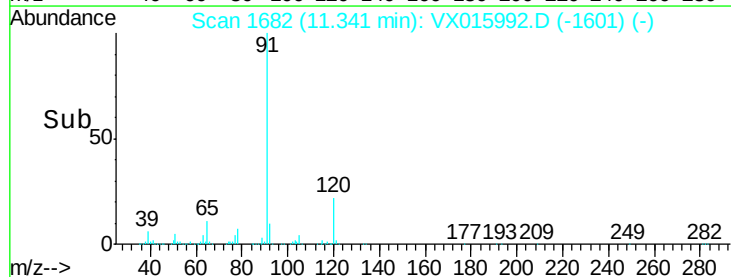
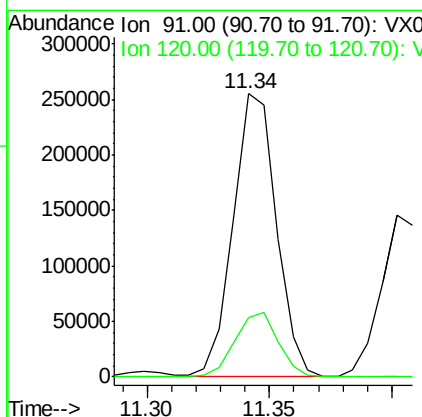
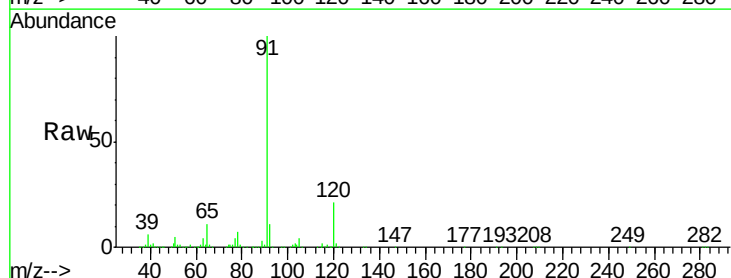
RT: 11.34 min Scan# 1682

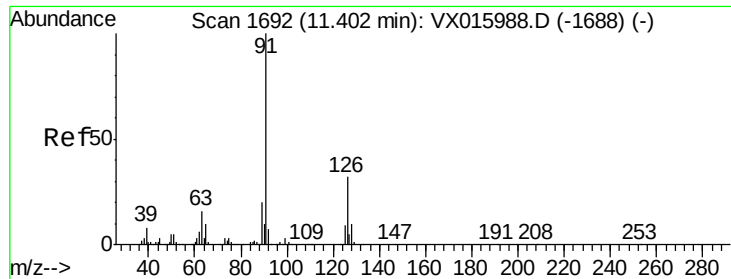
Delta R.T. -0.01 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Tgt Ion:	91	Resp:	314333
Ion Ratio	Lower	Upper	
91	100		
120	22.8	0.0	45.4





#75

2-Chlorotoluene

Concen: 17.634 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

ClientSampled :

ICVVX043020

Tot Ion: 91 Resp: 184286

Ion Ratio Lower Upper

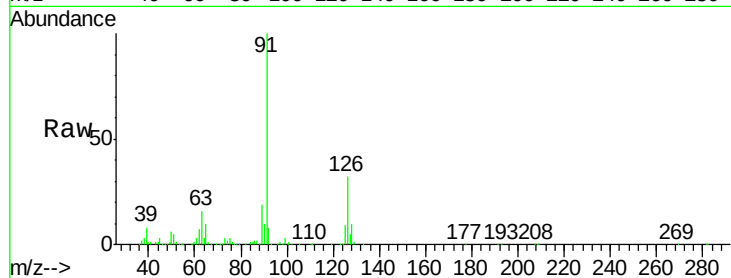
91 100

126 33.5 0.0 66.2

Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX015988.D (-1688) (-)

Ion 126.00 (125.70 to 126.70): VX015988.D (-1688) (-)

250000

200000

150000

100000

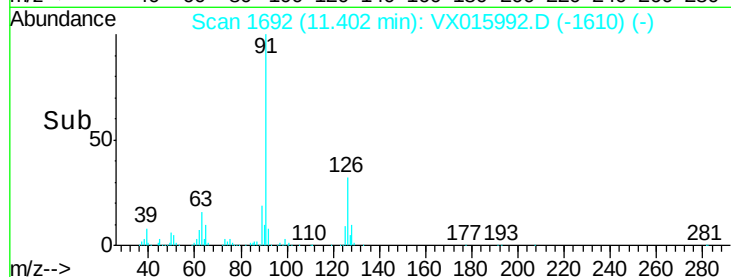
50000

0

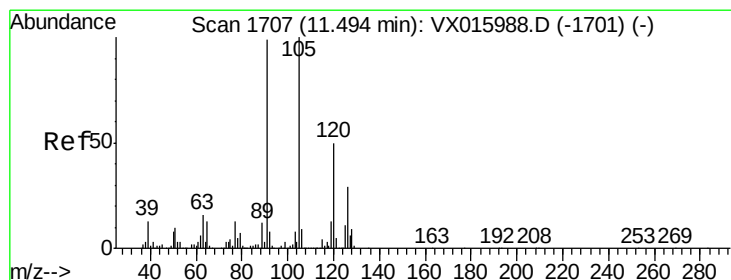
11.35

11.40

11.45



Time-->



#76

1,3,5-Trimethylbenzene

Concen: 17.283 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015992.D

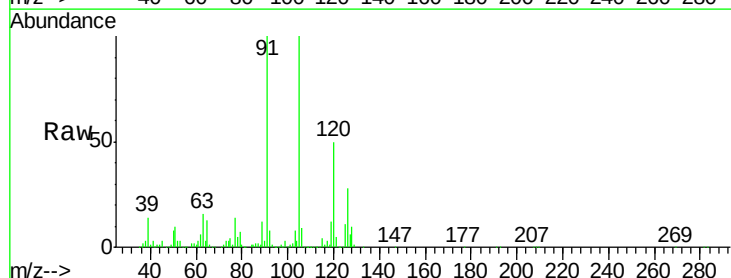
Acq: 30 Apr 2020 13:32

Tgt Ion: 105 Resp: 224620

Ion Ratio Lower Upper

105 100

120 49.8 0.0 99.4



Abundance Ion 105.00 (104.70 to 105.70): VX015988.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX015988.D (-1701) (-)

200000

150000

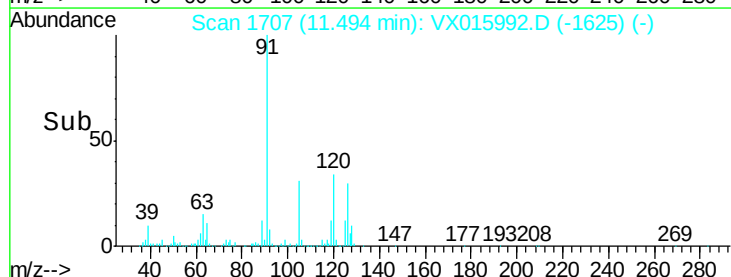
100000

50000

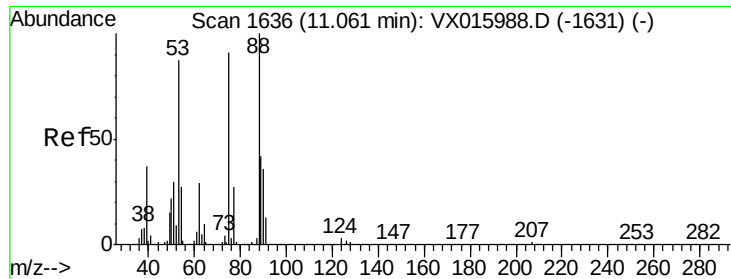
0

11.45

11.50



Time-->



#77

t-1,4-Dichloro-2-butene

Concen: 17.390 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

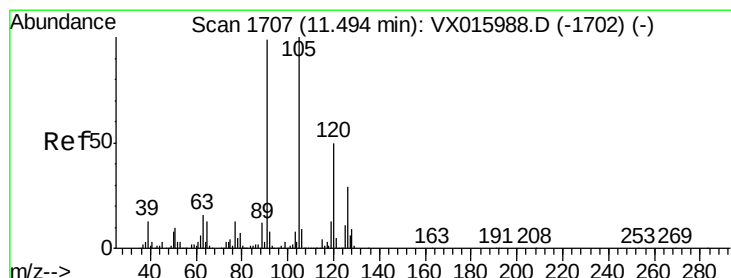
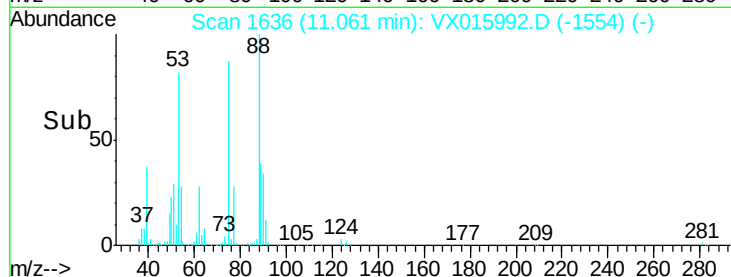
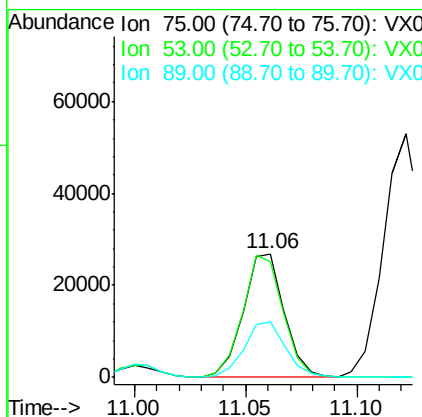
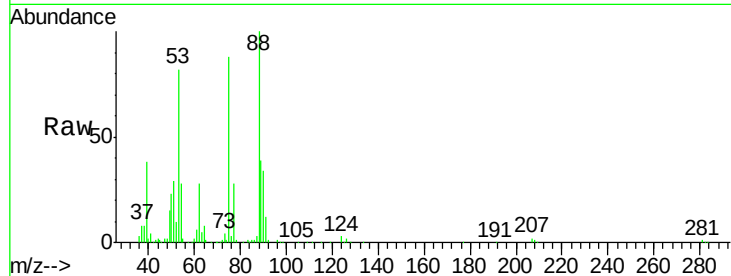
ClientSampleId :

ICVVX043020

Tot Ion:	75	Resp:	34470
Ion	Ratio	Lower	Upper
75	100		
53	94.0	48.0	144.2
89	44.5	23.4	70.3

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#78

4-Chlorotoluene

Concen: 17.600 ug/l

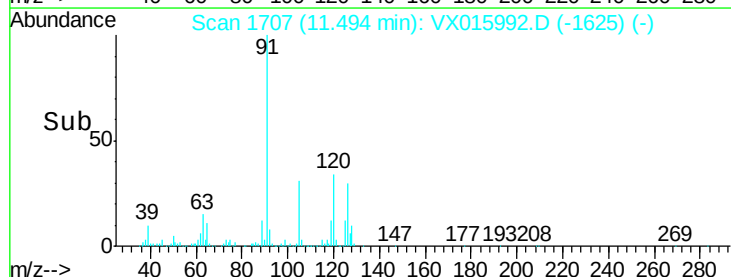
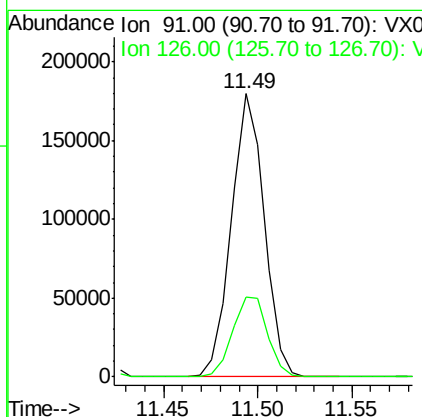
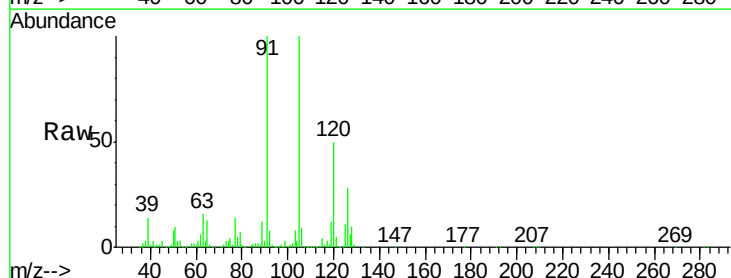
RT: 11.49 min Scan# 1707

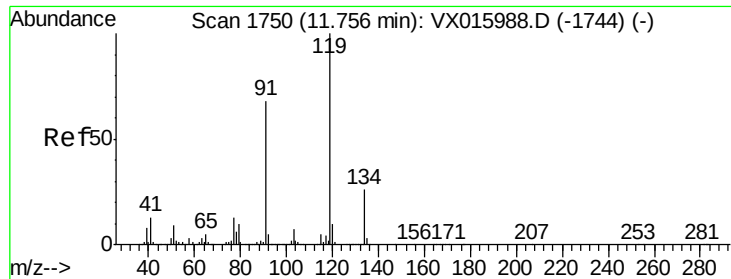
Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Tgt Ion:	91	Resp:	217719
Ion	Ratio	Lower	Upper
91	100		
126	29.9	0.0	58.4





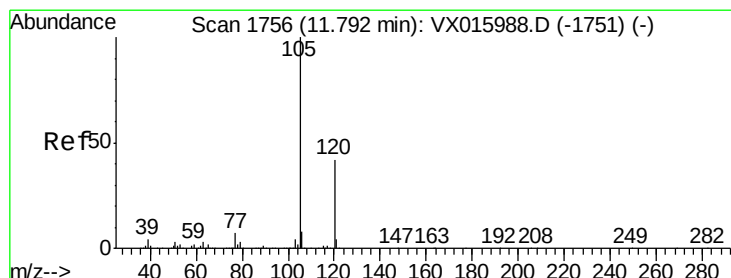
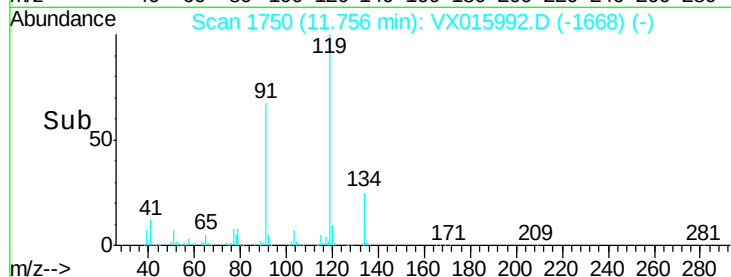
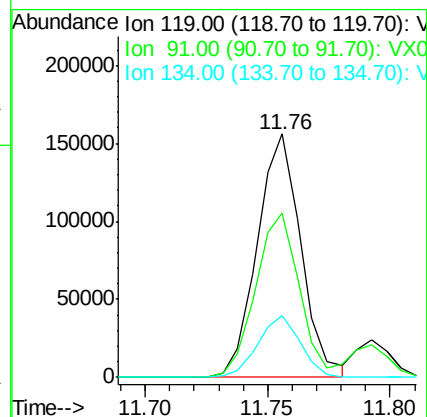
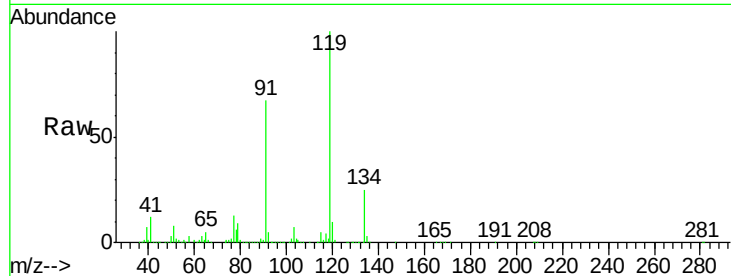
#79
tert-butylbenzene
Concen: 17.542 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Instrument :
MSVOA_X
ClientSampleId :
ICVVX043020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	194713		
91	67.2	0.0	135.6	
134	24.6	0.0	51.0	

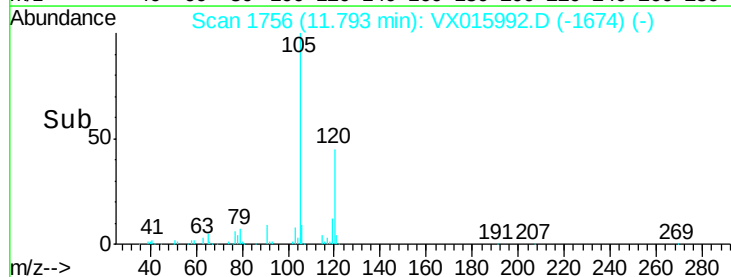
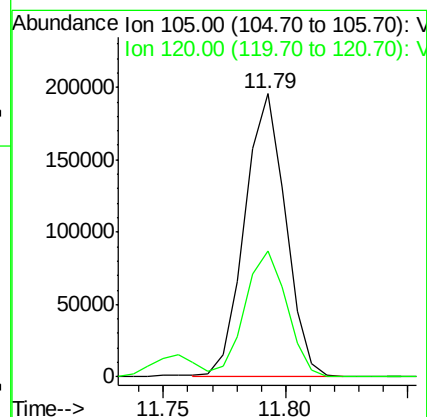
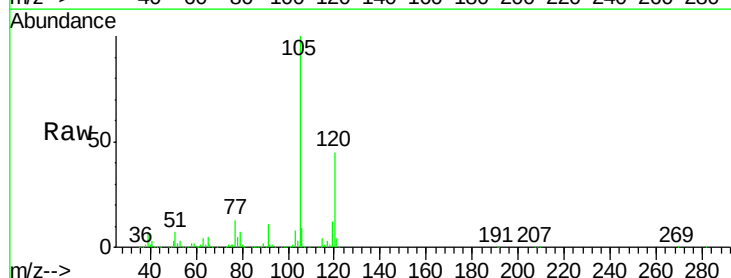
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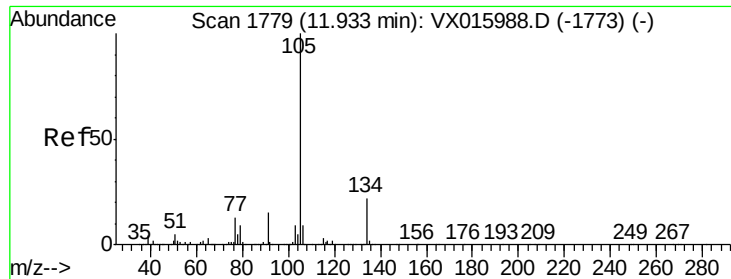
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#80
1,2,4-Trimethylbenzene
Concen: 17.577 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	228221		
120	45.3	0.0	91.0	





#81

sec-Butylbenzene

Concen: 17.521 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

ClientSampleId :

ICVVX043020

Tot Ion:105 Resp: 262307

Ion Ratio Lower Upper

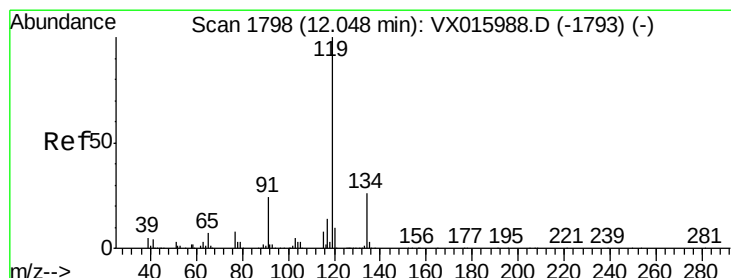
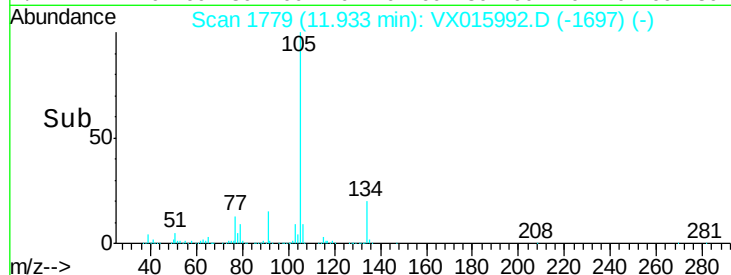
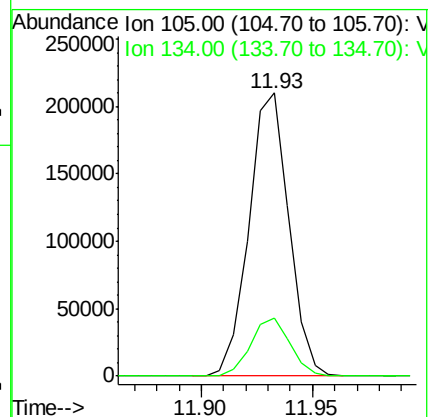
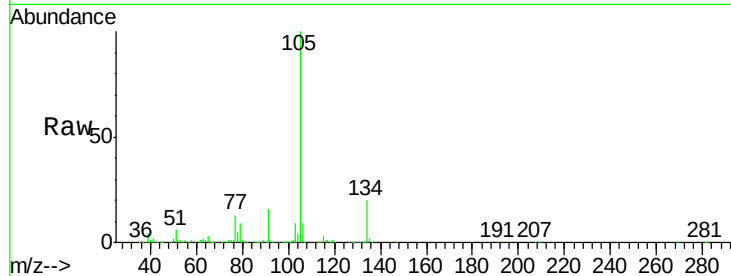
105 100

134 20.4 0.0 41.2

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#82

p-Isopropyltoluene

Concen: 17.443 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

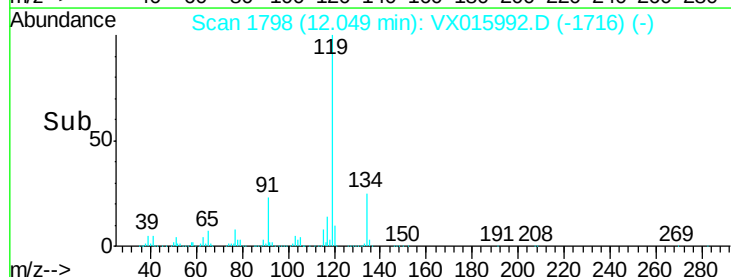
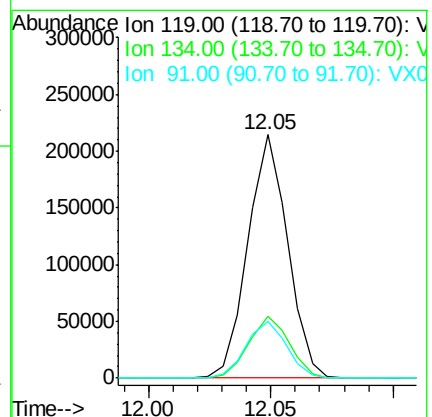
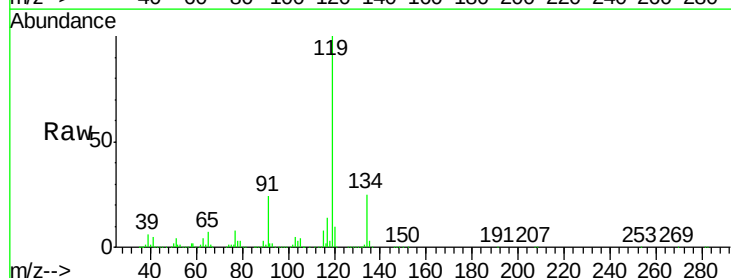
Tgt Ion:119 Resp: 241995

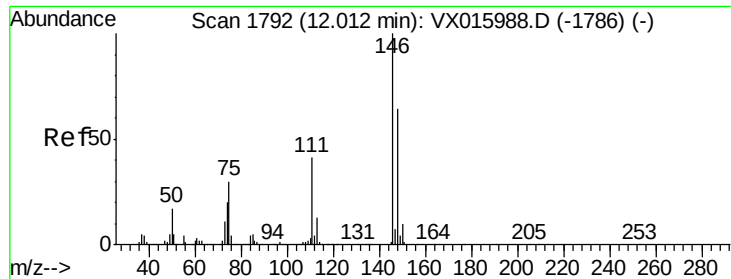
Ion Ratio Lower Upper

119 100

134 26.0 0.0 52.6

91 24.0 0.0 47.6





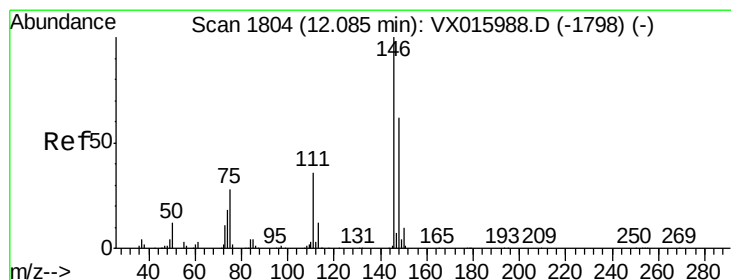
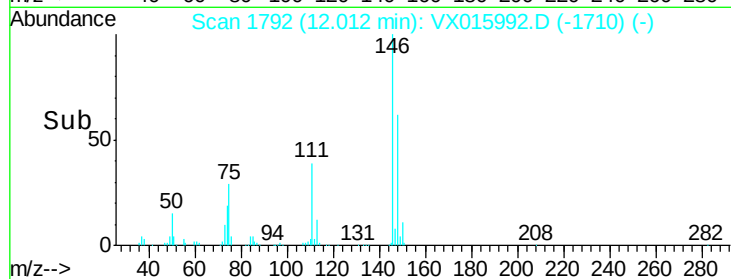
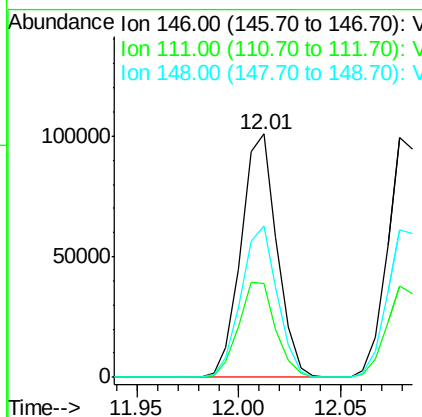
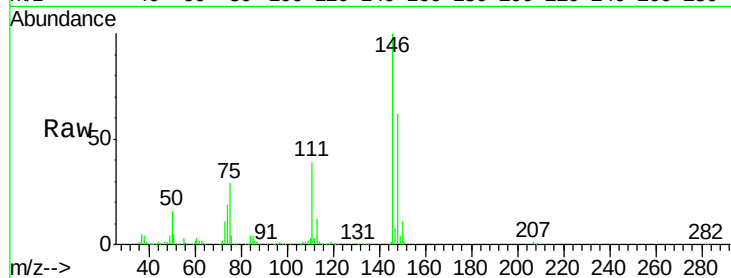
#83
 1,3-Dichlorobenzene
 Concen: 17.726 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX015992.D
 Acq: 30 Apr 2020 13:32

Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX043020

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.4	61.3
148	62.6	31.9	95.9

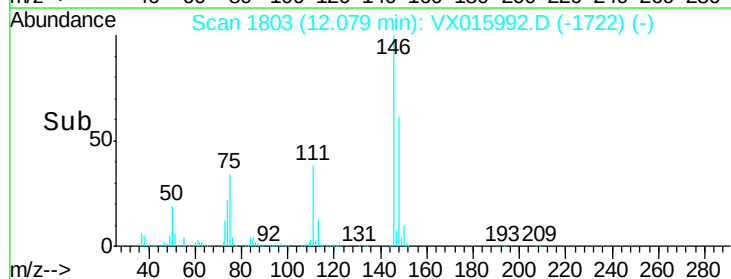
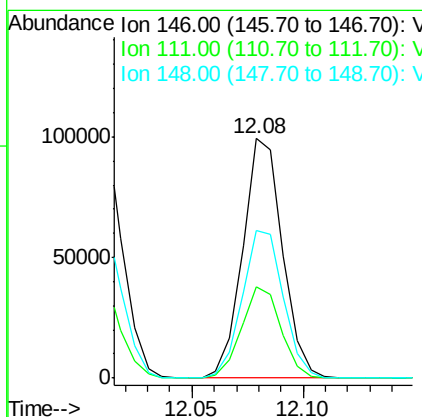
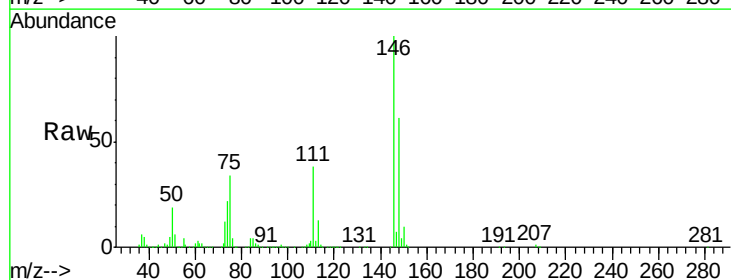
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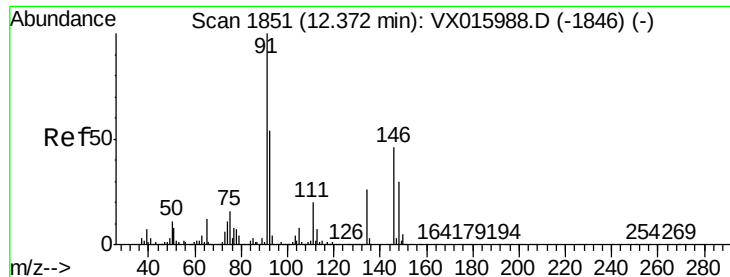
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#84
 1,4-Dichlorobenzene
 Concen: 17.926 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX015992.D
 Acq: 30 Apr 2020 13:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.7	59.0
148	63.8	32.0	96.0





#85

n-Butylbenzene

Concen: 17.306 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

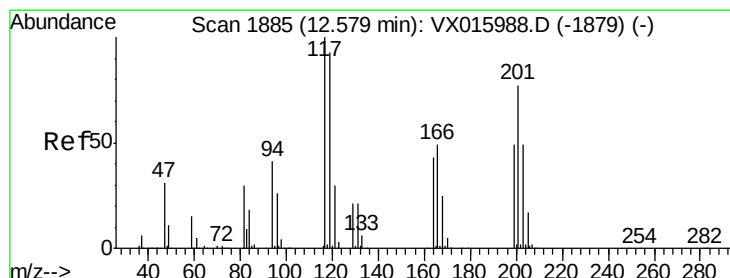
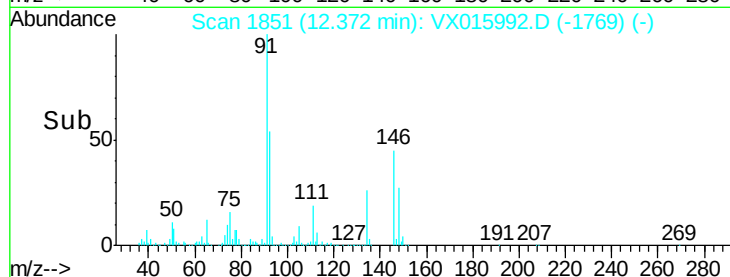
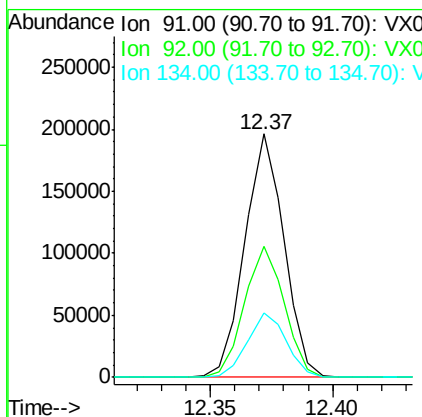
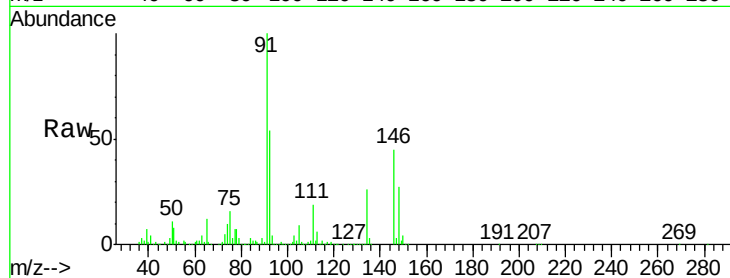
ClientSampled :

ICVVX043020

Tot Ion:	91	Resp:	219318
Ion Ratio	Lower	Upper	
91	100		
92	54.7	0.0	110.2
134	26.5	0.0	53.4

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#86

Hexachloroethane

Concen: 17.074 ug/l

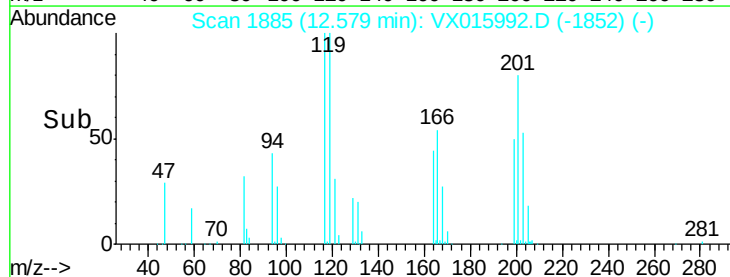
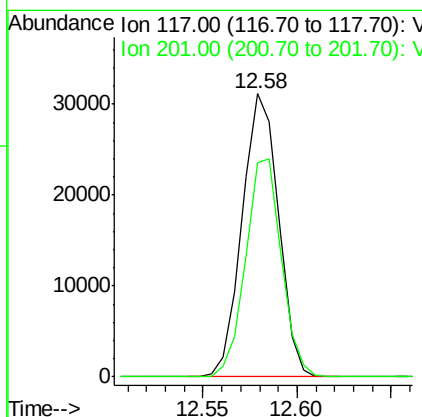
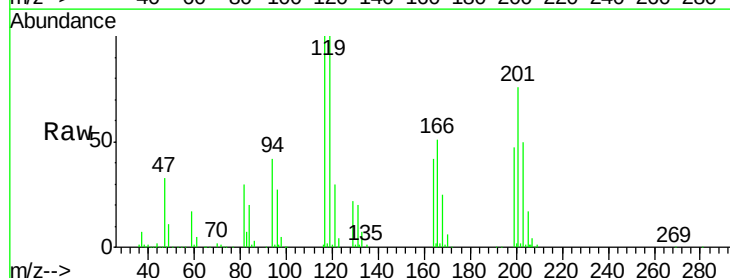
RT: 12.58 min Scan# 1885

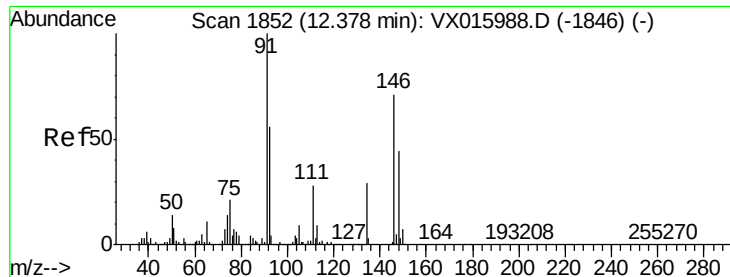
Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Tgt Ion:	117	Resp:	41701
Ion Ratio	Lower	Upper	
117	100		
201	75.7	40.1	120.2





#87

1,2-Dichlorobenzene

Concen: 18.098 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Instrument :

MSVOA_X

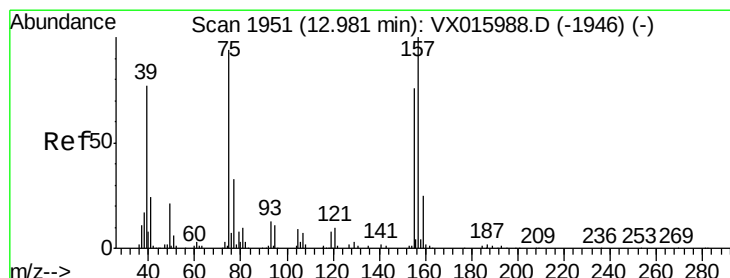
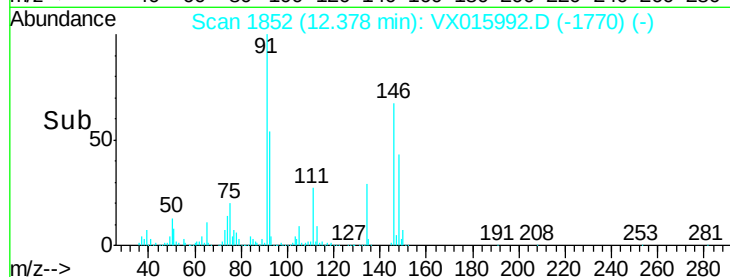
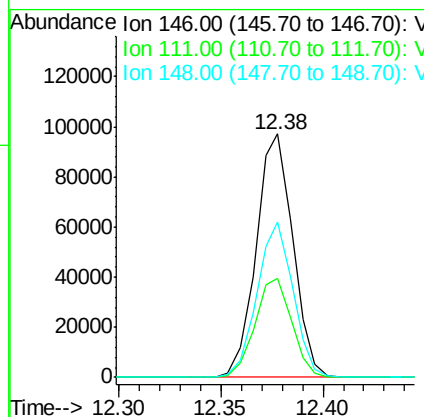
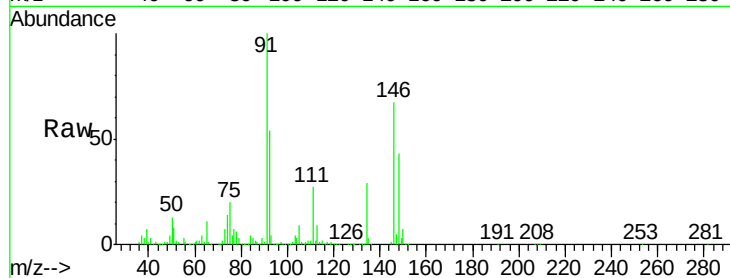
ClientSampleId :

ICVVX043020

Tot Ion:	146	Resp:	121757
Ion Ratio	Lower	Upper	
146	100		
111	41.0	20.7	62.1
148	62.2	32.0	96.2

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#88

1,2-Dibromo-3-Chloropropane

Concen: 17.310 ug/l

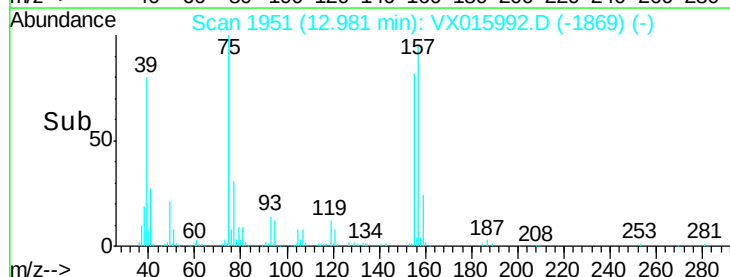
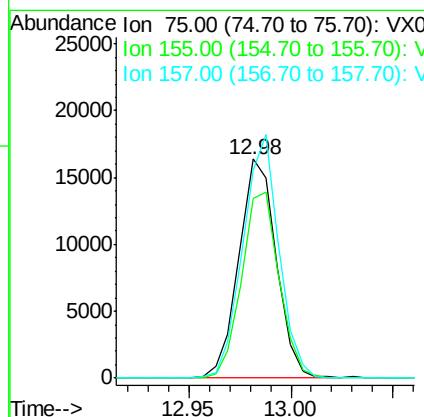
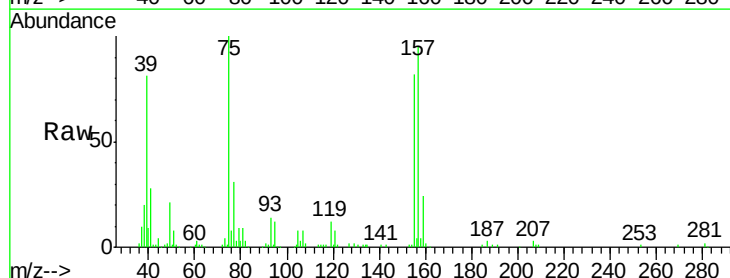
RT: 12.98 min Scan# 1951

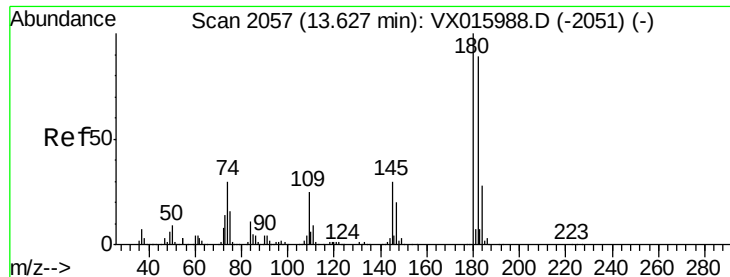
Delta R.T. 0.00 min

Lab File: VX015992.D

Acq: 30 Apr 2020 13:32

Tgt Ion:	75	Resp:	20617
Ion Ratio	Lower	Upper	
75	100		
155	86.1	66.9	100.3
157	107.9	88.2	132.2





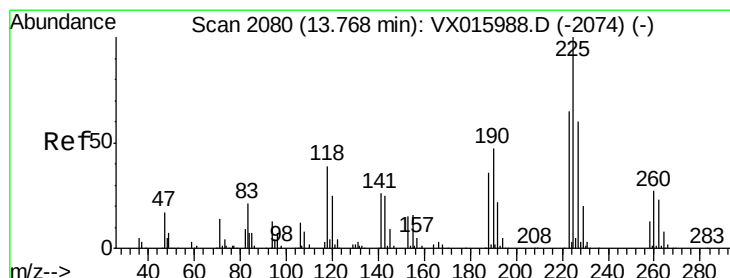
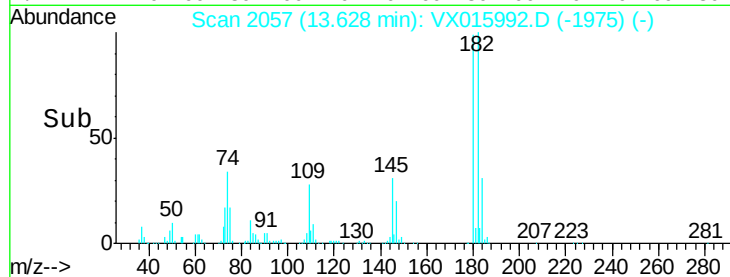
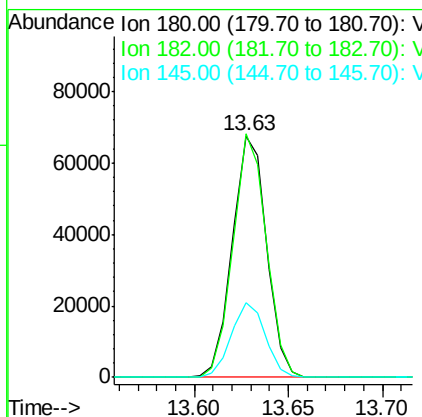
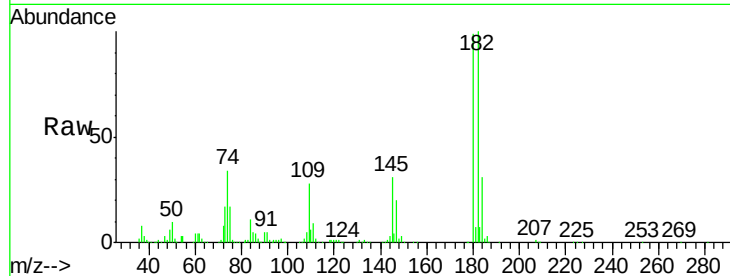
#89
1,2,4-Trichlorobenzene
Concen: 17.149 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. 0.00 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Instrument :
MSVOA_X
ClientSampled :
ICVVX043020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	84981		
182	98.3	75.0	112.6	
145	30.7	23.9	35.9	

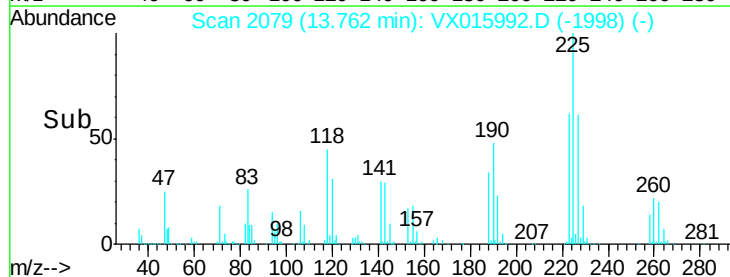
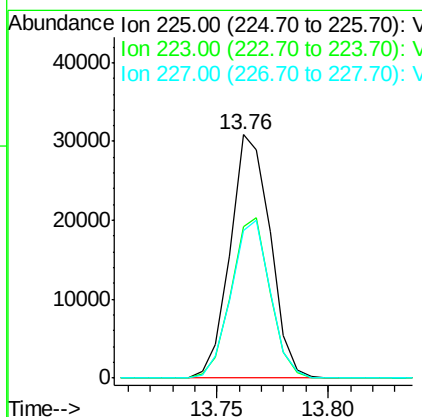
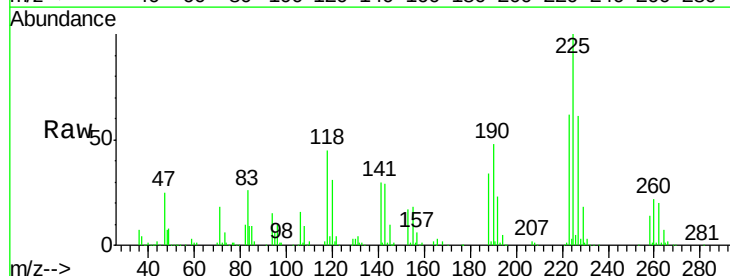
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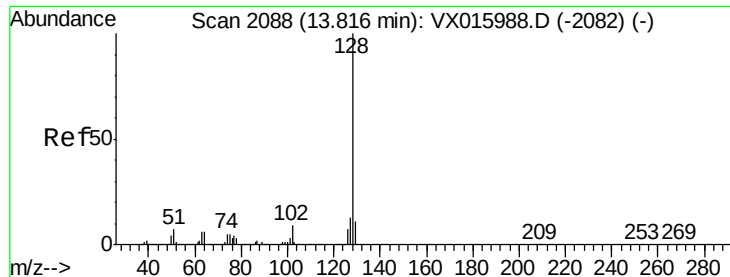
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#90
Hexachlorobutadiene
Concen: 18.125 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.01 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	38602		
223	63.9	0.0	123.6	
227	63.3	0.0	123.6	





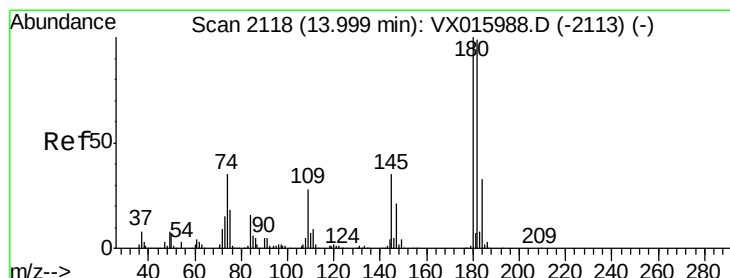
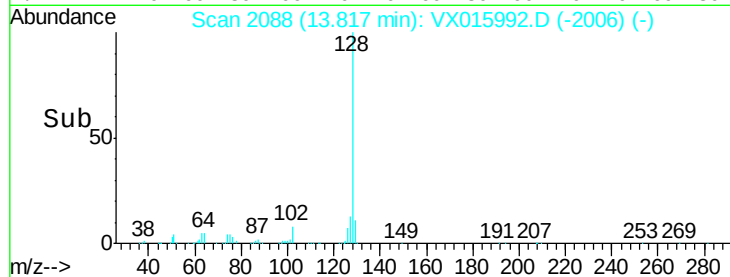
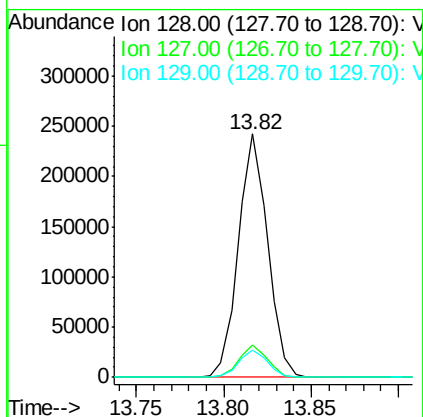
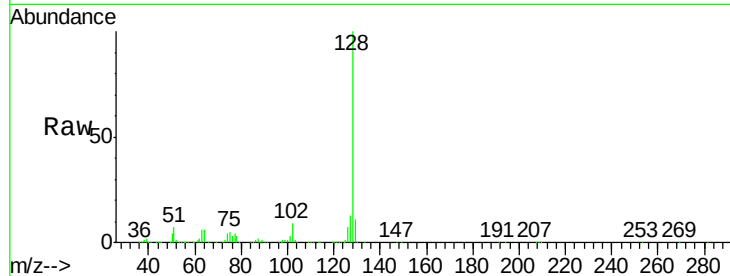
#91
Naphthalene
Concen: 17.891 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Instrument :
MSVOA_X
ClientSampleId :
ICVVX043020

Tot Ion:	128	Resp:	282261
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.5	15.7
129	11.1	8.6	13.0

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#92
1,2,3-Trichlorobenzene
Concen: 17.719 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX015992.D
Acq: 30 Apr 2020 13:32

Tgt Ion:	180	Resp:	84355
Ion Ratio	Lower	Upper	
180	100		
182	97.7	0.0	197.2
145	32.7	0.0	66.0

