

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031820\
 Data File : VX015324.D
 Acq On : 18 Mar 2020 13:47
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 3/19/2020 12:00:53 PM

Quant Time: Mar 18 14:36:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 14:21:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	544215	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	979294	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	948242	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	454848	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	330776	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
35) Dibromofluoromethane	5.48	113	309786	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
50) Toluene-d8	8.71	98	1180951	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
62) 4-Bromofluorobenzene	11.13	95	450804	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	282170	57.158	ug/l	100
3) Chloromethane	1.32	50	305251	45.434	ug/l	100
4) Vinyl Chloride	1.40	62	324577	47.496	ug/l	100
5) Bromomethane	1.64	94	109779	28.549	ug/l	100
6) Chloroethane	1.72	64	196422	47.947	ug/l	100
7) Trichlorofluoromethane	1.92	101	423415	51.434	ug/l	100
8) Diethyl Ether	2.18	74	175531	47.879	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	280749	53.771	ug/l	100
10) Methyl Iodide	2.50	142	314617	54.256	ug/l	100
11) Tert butyl alcohol	3.04	59	322958	278.166	ug/l	100
12) 1,1-Dichloroethene	2.37	96	289473	53.526	ug/l	100
13) Acrolein	2.28	56	287417	266.190	ug/l	100
14) Allyl chloride	2.72	41	485763	52.111	ug/l	100
15) Acrylonitrile	3.13	53	858838	296.582	ug/l	100
16) Acetone	2.44	43	607190	234.071	ug/l	100
17) Carbon Disulfide	2.56	76	829520	55.038	ug/l	100
18) Methyl Acetate	2.76	43	336329	51.684	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	1001987	58.622	ug/l	100
20) Methylene Chloride	2.85	84	367193	57.373	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	368041	61.773	ug/l	100
22) Diisopropyl ether	3.84	45	1041915	55.580	ug/l	100
23) Vinyl Acetate	3.80	43	4292005	280.025	ug/l	100
24) 1,1-Dichloroethane	3.69	63	595199	56.617	ug/l	100
25) 2-Butanone	4.66	43	1055341	272.351	ug/l	100
26) 2,2-Dichloropropane	4.58	77	453915	54.835	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	396749	60.029	ug/l	100
28) Bromochloromethane	5.01	49	250759	53.365	ug/l	100
29) Tetrahydrofuran	5.11	42	700992	277.887	ug/l	100
30) Chloroform	5.20	83	596697	57.907	ug/l	100
31) Cyclohexane	5.58	56	528417	56.228	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	517047	60.204	ug/l	100
36) 1,1-Dichloropropene	5.79	75	453595	49.882	ug/l	100
37) Ethyl Acetate	4.82	43	419358	50.548	ug/l	100
38) Carbon Tetrachloride	5.78	117	442196	51.370	ug/l	100

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Manual Integrations
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Quant Time: Mar 18 14:36:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 14:21:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	565881	52.991	ug/l	100
40) Benzene	6.14	78	1411568	52.086	ug/l	100
41) Methacrylonitrile	5.03	41	226455	45.644	ug/l	100
42) 1,2-Dichloroethane	6.18	62	423230	46.514	ug/l	100
43) Isopropyl Acetate	6.43	43	663158	45.805	ug/l	100
44) Trichloroethene	7.21	130	369827	49.425	ug/l	100
45) 1,2-Dichloropropane	7.51	63	344891	49.667	ug/l	100
46) Dibromomethane	7.65	93	231896	50.831	ug/l	100
47) Bromodichloromethane	7.89	83	457380	50.942	ug/l	100
48) Methyl methacrylate	7.76	41	331992	45.018	ug/l	100
49) 1,4-Dioxane	7.74	88	172448	1045.118	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	2066808	240.396	ug/l	100
52) Toluene	8.78	92	882922	53.278	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	490781	51.673	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	563928	52.166	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	360911	52.784	ug/l	100
56) Ethyl methacrylate	9.17	69	513566	53.283	ug/l	100
57) 1,3-Dichloropropane	9.37	76	591392	51.663	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1326861	253.299	ug/l	100
59) 2-Hexanone	9.48	43	1554672	244.400	ug/l	100
60) Dibromochloromethane	9.57	129	370849	51.978	ug/l	100
61) 1,2-Dibromoethane	9.67	107	384252	53.246	ug/l	100
64) Tetrachloroethene	9.33	164	335330	43.658	ug/l	100
65) Chlorobenzene	10.14	112	994229	51.694	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	352355	49.042	ug/l	100
67) Ethyl Benzene	10.25	91	1727548	52.991	ug/l	100
68) m/p-Xylenes	10.35	106	1341218	107.881	ug/l	100
69) o-Xylene	10.70	106	641083	53.842	ug/l	100
70) Styrene	10.71	104	1110943	54.425	ug/l	100
71) Bromoform	10.85	173	257236	46.981	ug/l	100
73) Isopropylbenzene	11.01	105	1697658	57.179	ug/l	100
74) N-amyl acetate	10.89	43	599057	49.441	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	519133	52.691	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	411279m	46.030	ug/l	
77) Bromobenzene	11.25	156	402493	49.442	ug/l	100
78) n-propylbenzene	11.35	91	1867904	55.482	ug/l	100
79) 2-Chlorotoluene	11.42	91	1095265	54.300	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1362227	55.436	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	177477	54.496	ug/l	100
82) 4-Chlorotoluene	11.51	91	1285821	54.011	ug/l	100
83) tert-Butylbenzene	11.76	119	1321894	55.504	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1432122	57.521	ug/l	100
85) sec-Butylbenzene	11.94	105	1685333	58.132	ug/l	100
86) p-Isopropyltoluene	12.06	119	1522679	57.347	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	763011	52.778	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	751940	50.509	ug/l	100
89) n-Butylbenzene	12.38	91	1385359	58.478	ug/l	100
90) Hexachloroethane	12.59	117	270807	53.947	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	768828	53.197	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	102588	52.600	ug/l	100

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ALS Vial : 5 Sample Multiplier: 1

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MSVOA_X
ClientSampleId :
VSTDICCC050

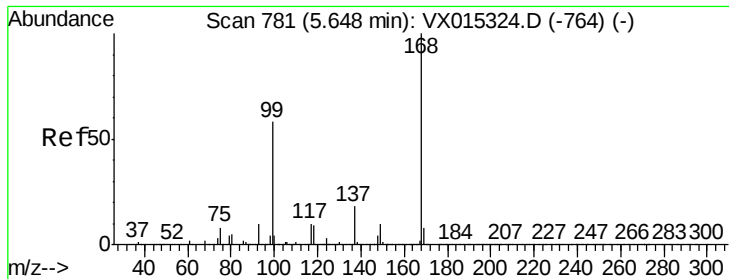
Manual Integrations
APPROVED

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3/19/2020 12:00:53 PM

Quant Time: Mar 18 14:36:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031820W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	460544	47.437	ug/l	100
94) Hexachlorobutadiene	13.77	225	181740	37.623	ug/l	100
95) Naphthalene	13.83	128	1674424	60.725	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	460353	47.617	ug/l	100

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



#1

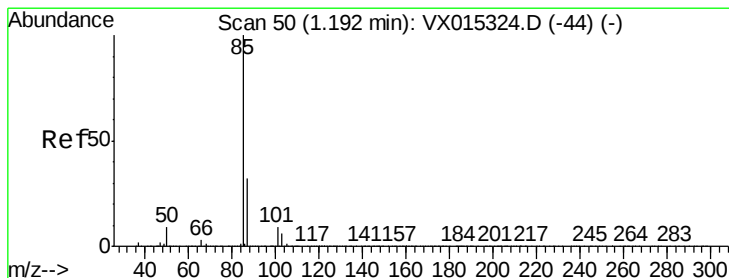
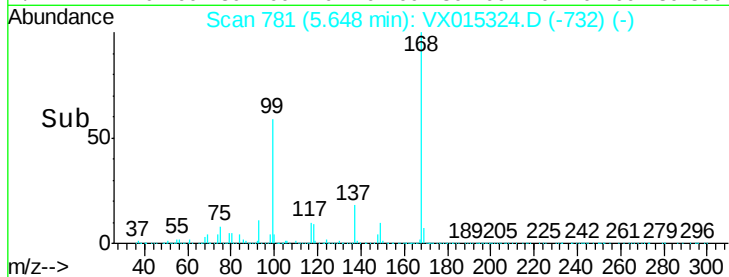
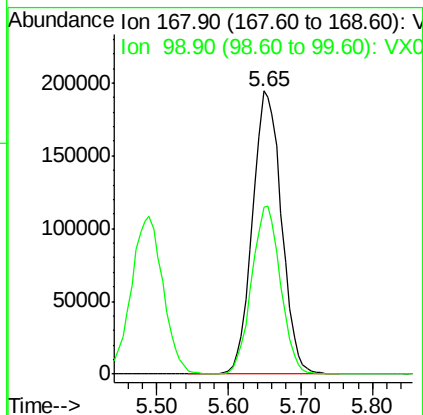
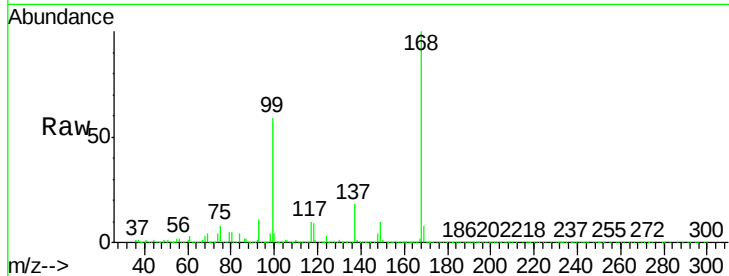
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: VX015324.D
 Acq: 18 Mar 2020 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
168	100	544215		
99	58.8	47.0	70.6	

Manual Integrations
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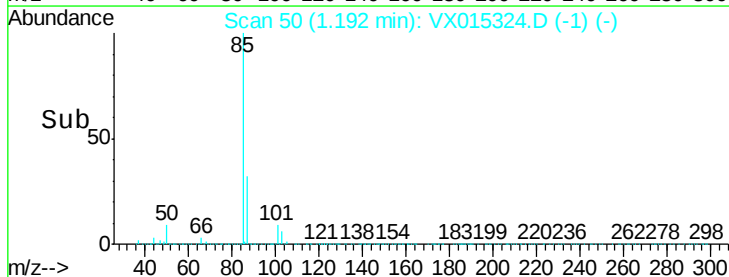
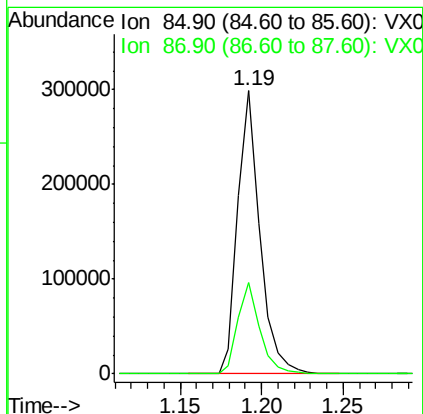
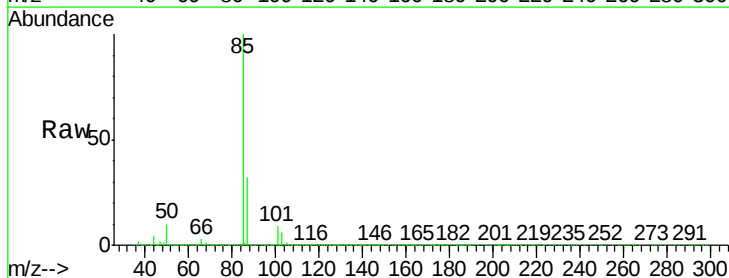
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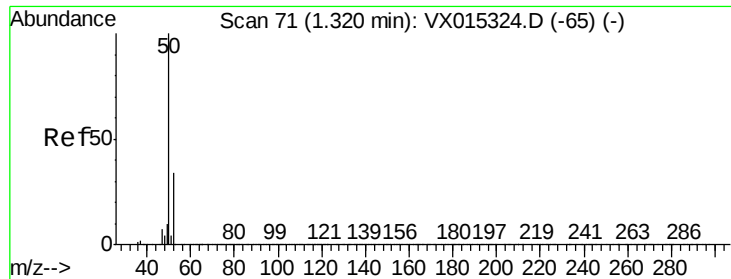


#2

Dichlorodifluoromethane
 Concen: 57.158 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX015324.D
 Acq: 18 Mar 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	282170		
87	32.3	16.2	48.5	





#3

Chloromethane

Concen: 45.434 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Tot Ion	Ratio	Lower	Upper
50	100		
52	34.2	27.4	41.0

Instrument :

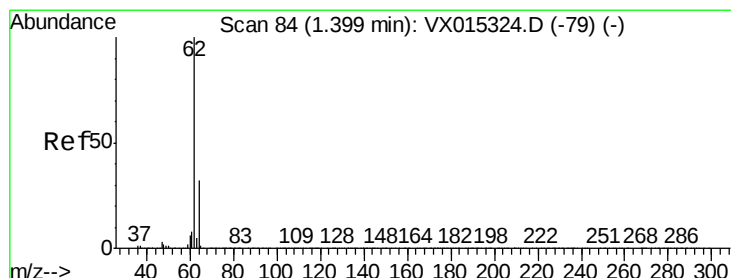
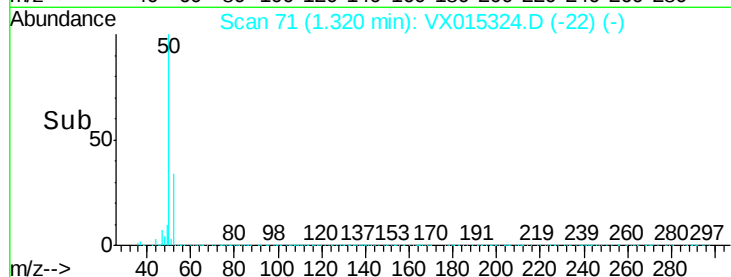
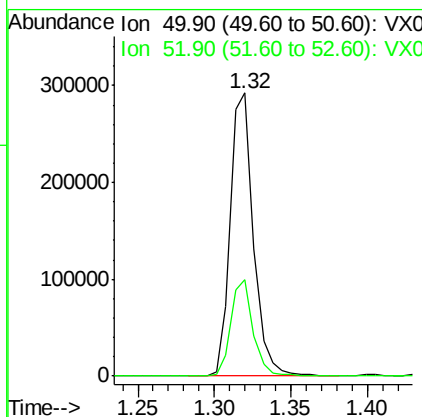
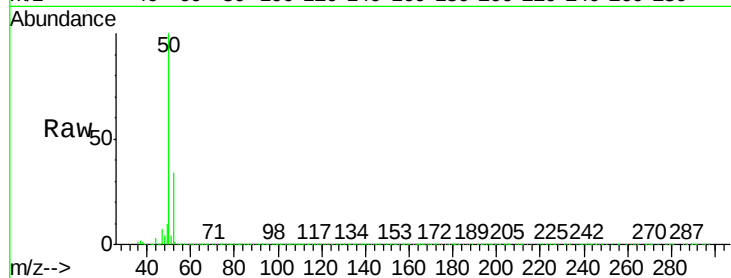
MSVOA_X

ClientSampleId :

VSTDICCC050

Manual Integrations
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#4

Vinyl Chloride

Concen: 47.496 ug/l

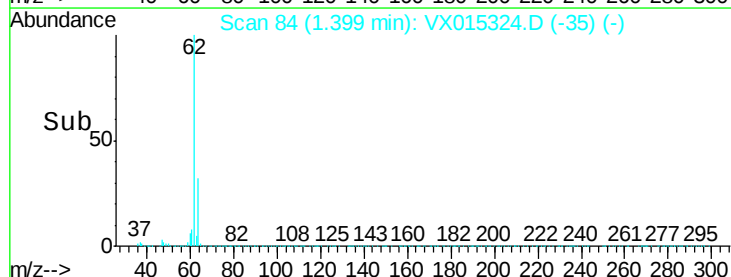
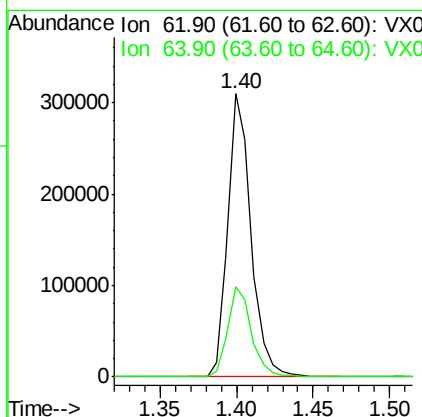
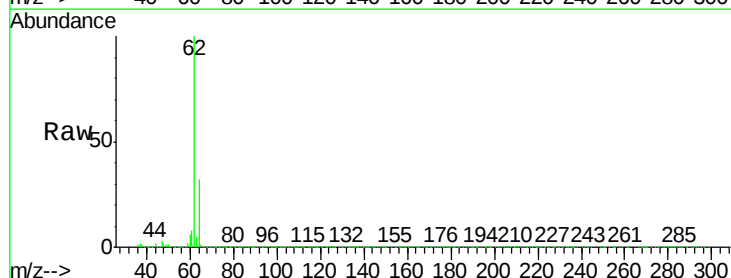
RT: 1.40 min Scan# 84

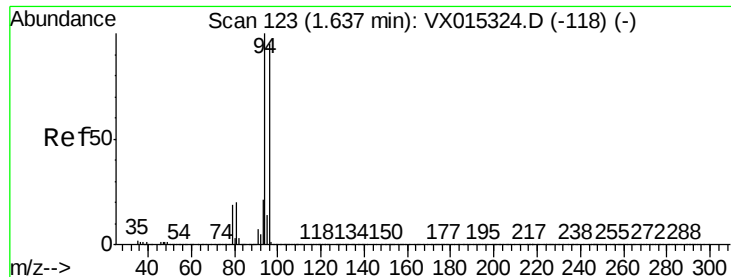
Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.7	25.4	38.0





#5

Bromomethane

Concen: 28.549 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 109779

Ion Ratio Lower Upper

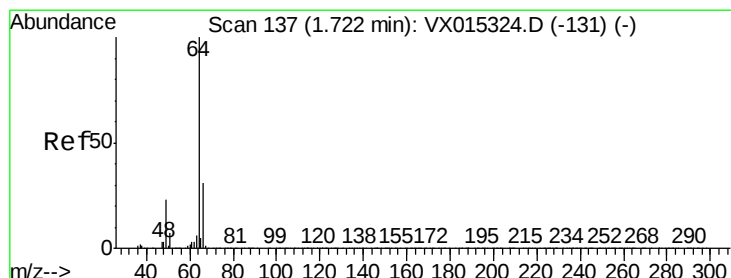
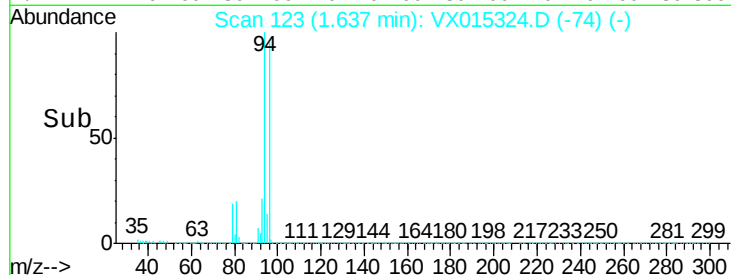
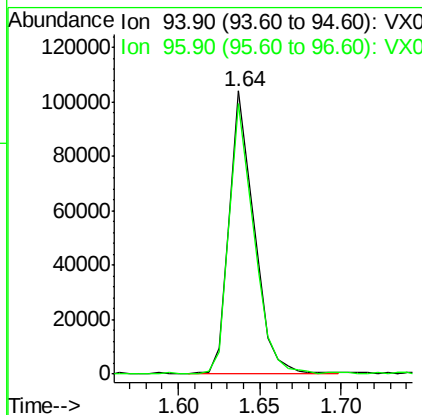
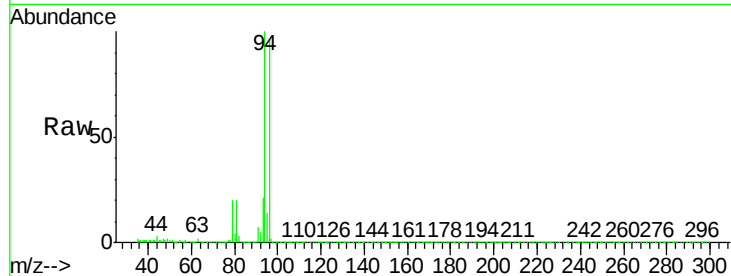
94 100

96 95.6 76.5 114.7

Manual Integrations
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#6

Chloroethane

Concen: 47.947 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX015324.D

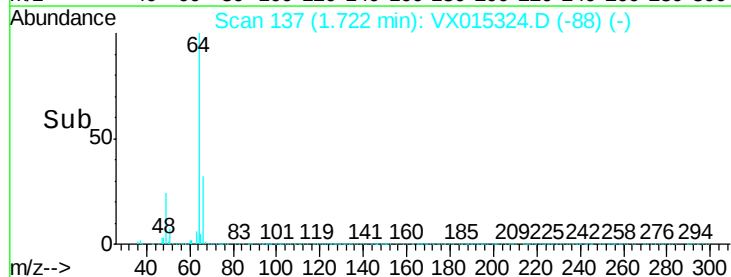
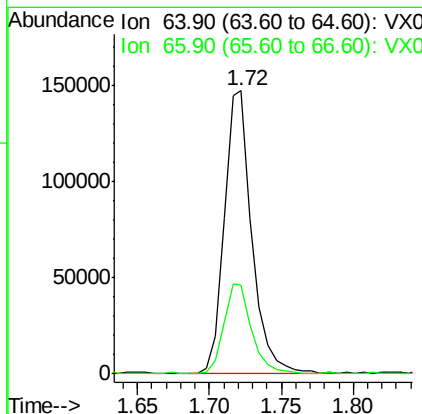
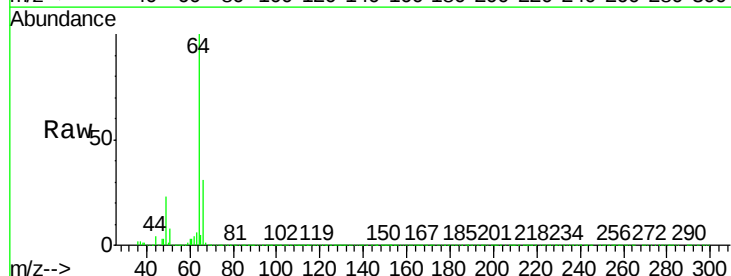
Acq: 18 Mar 2020 13:47

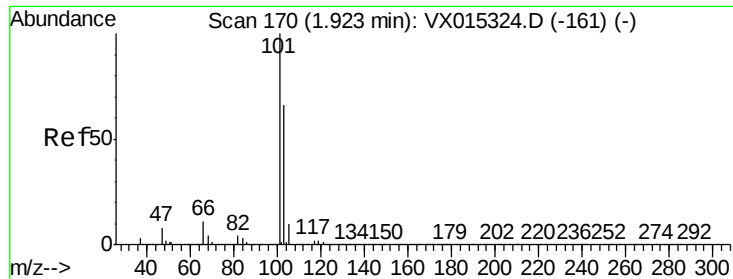
Tgt Ion: 64 Resp: 196422

Ion Ratio Lower Upper

64 100

66 31.0 24.8 37.2





#7

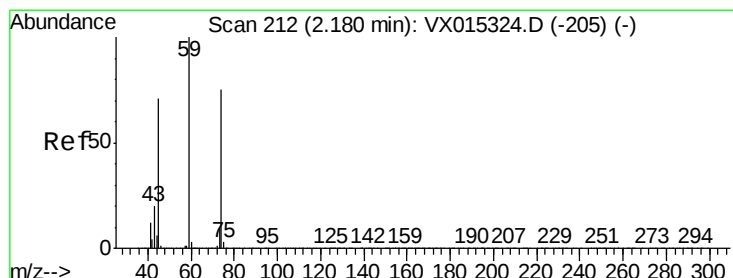
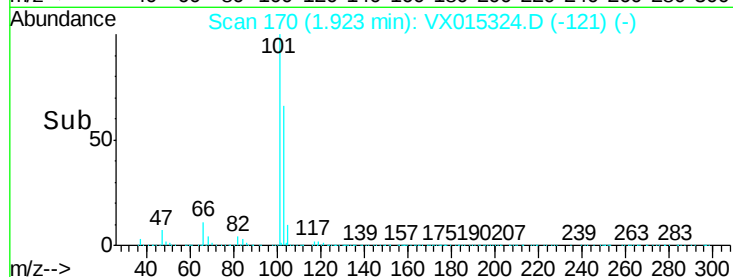
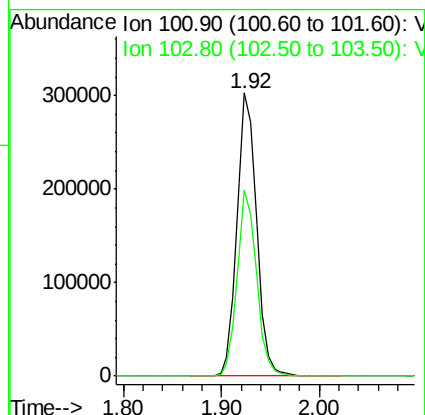
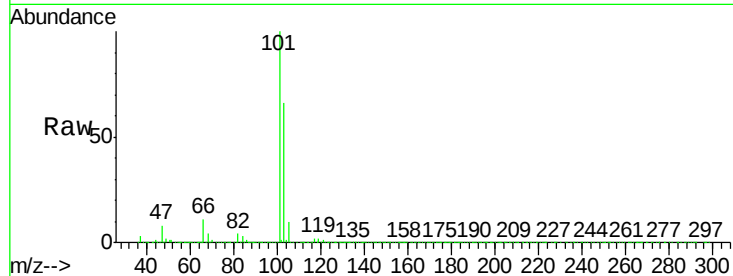
Trichlorofluoromethane
Concen: 51.434 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	52.6	79.0

Manual Integrations
APPROVED

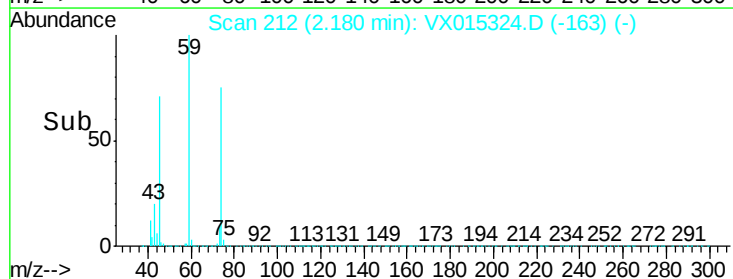
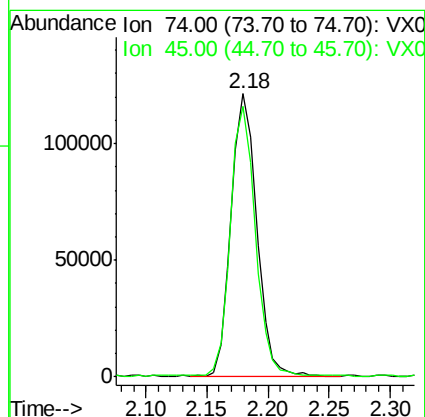
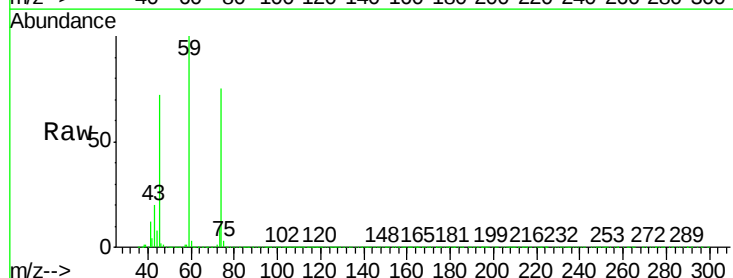
MMDadoda
3/19/2020 12:00:53 PM

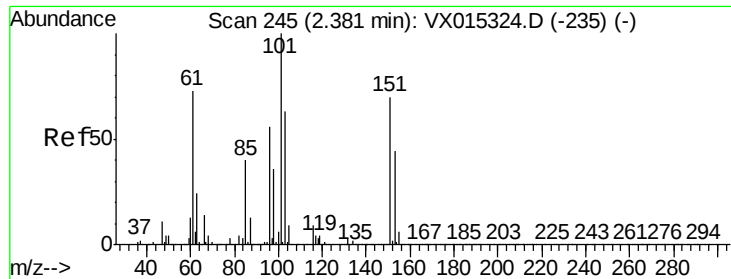


#8

Diethyl Ether
Concen: 47.879 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.0	46.5	139.5





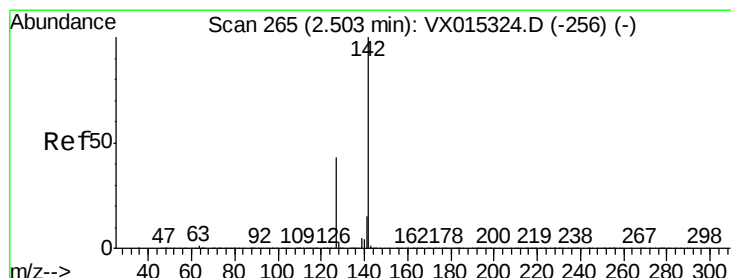
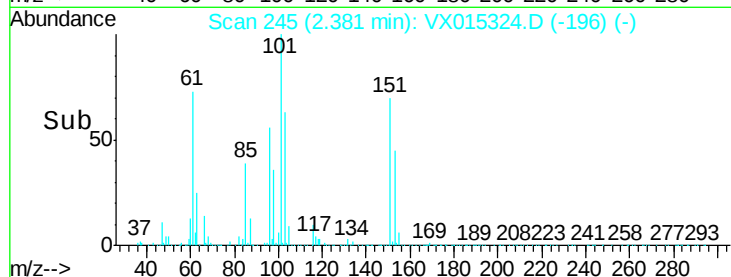
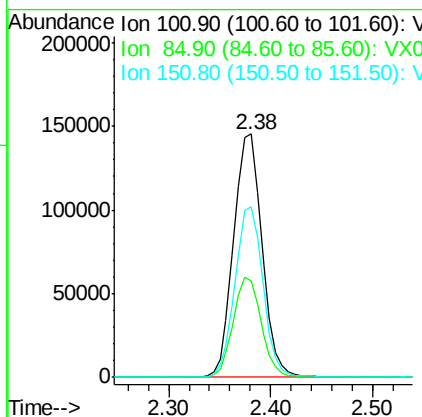
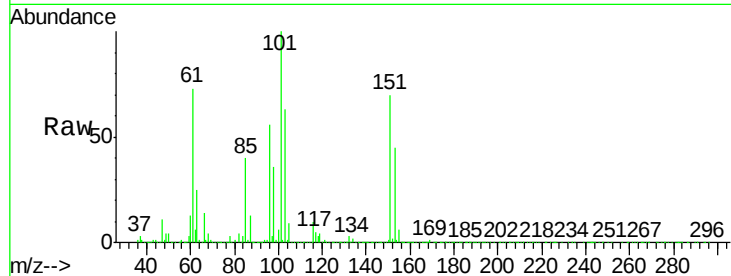
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.771 ug/l
RT: 2.38 min Scan# 245
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Instrument :
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Tot Ion	Ratio	Resp Lower	Upper
101	100		
85	40.3	32.2	48.4
151	68.8	55.0	82.6

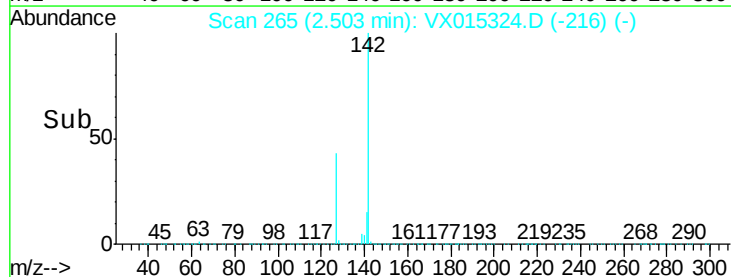
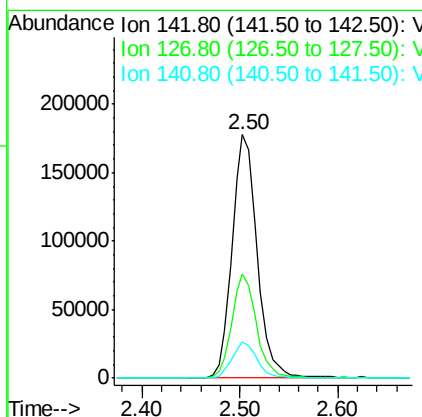
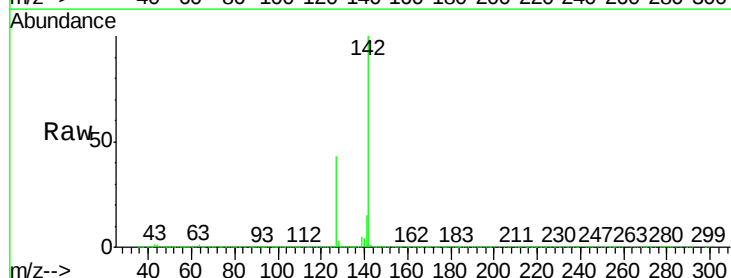
Manual Integrations
APPROVED

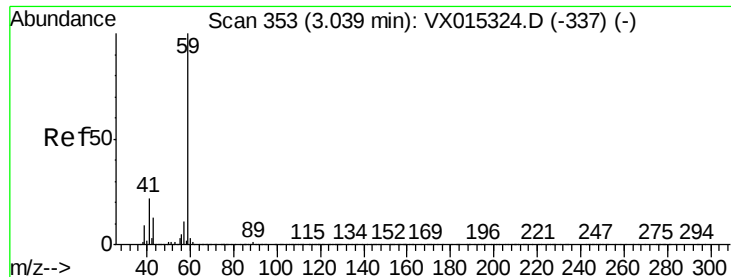
MMDadoda
3/19/2020 12:00:53 PM



#10
Methyl Iodide
Concen: 54.256 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Tgt Ion	Ratio	Resp Lower	Upper
142	100		
127	42.0	33.6	50.4
141	14.9	11.9	17.9





#11

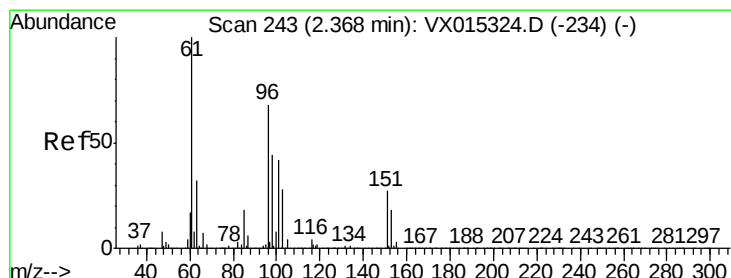
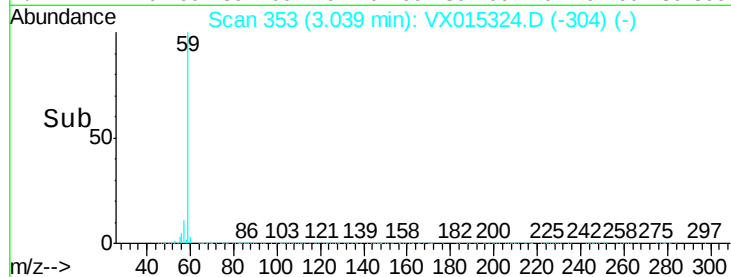
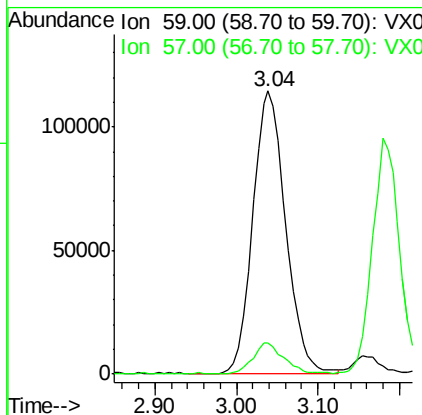
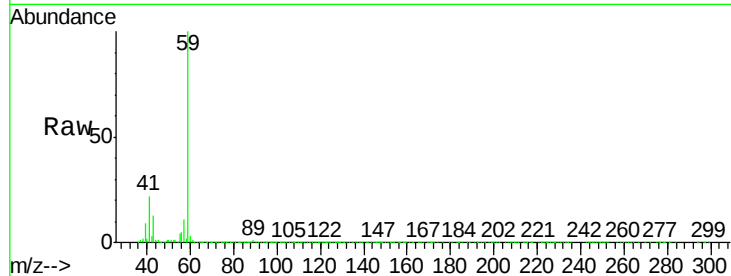
Tert butyl alcohol
Concen: 278.166 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.0	12.0

Manual Integrations
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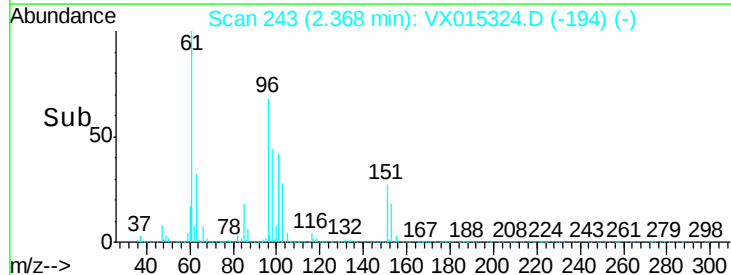
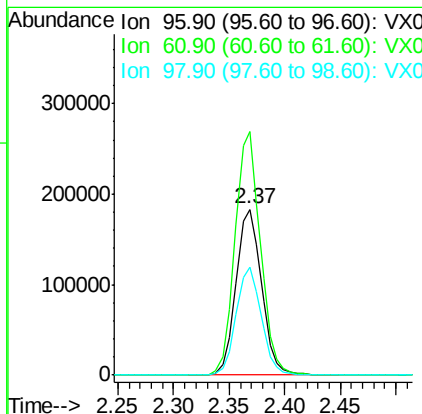
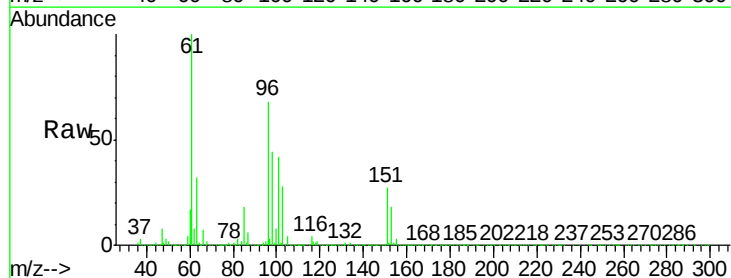
MMDadoda
3/19/2020 12:00:53 PM

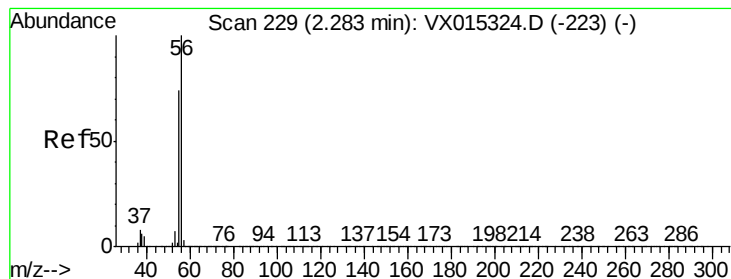


#12

1,1-Dichloroethene
Concen: 53.526 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.1	117.7	176.5
98	65.4	52.3	78.5





#13

Acrolein

Concen: 266.190 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 287417

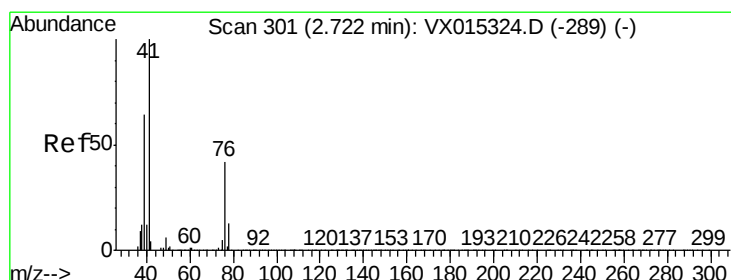
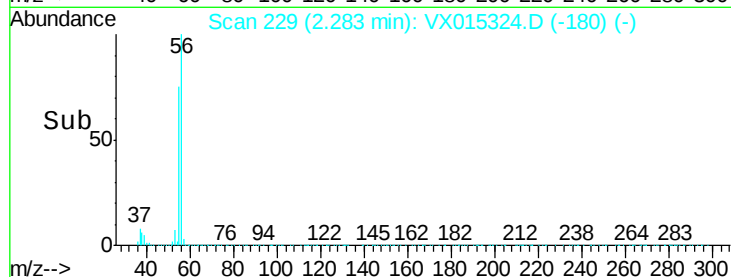
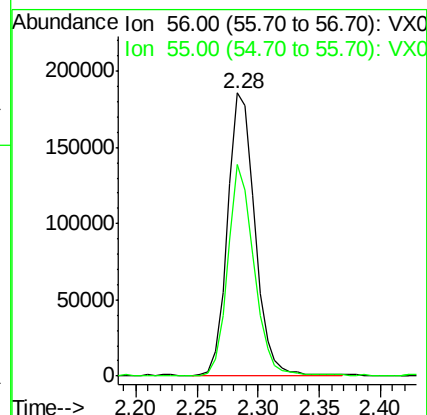
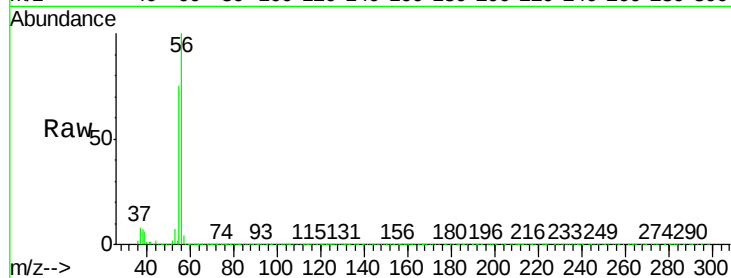
Ion Ratio Lower Upper

56 100

55 70.7 56.6 84.8

Manual Integrations
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3/19/2020 12:00:53 PM



#14

Allyl chloride

Concen: 52.111 ug/l

RT: 2.72 min Scan# 301

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

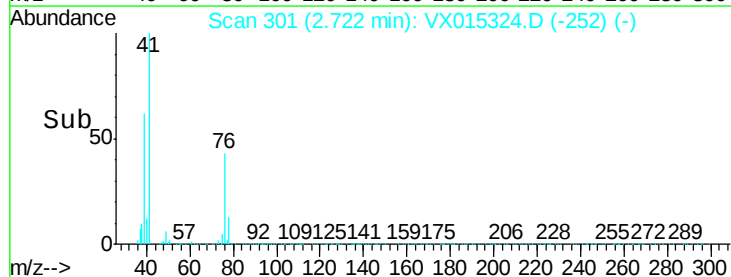
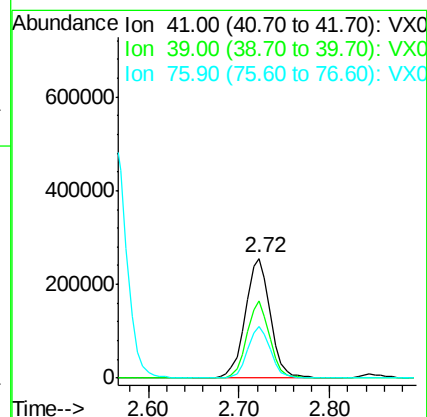
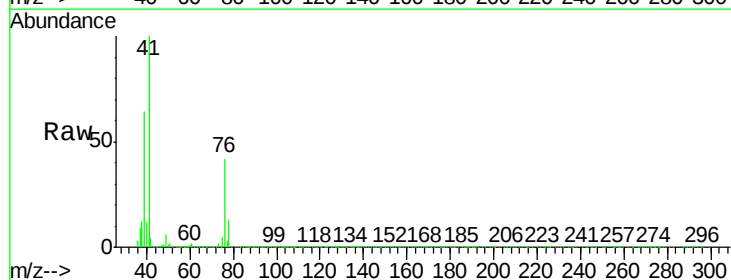
Tgt Ion: 41 Resp: 485763

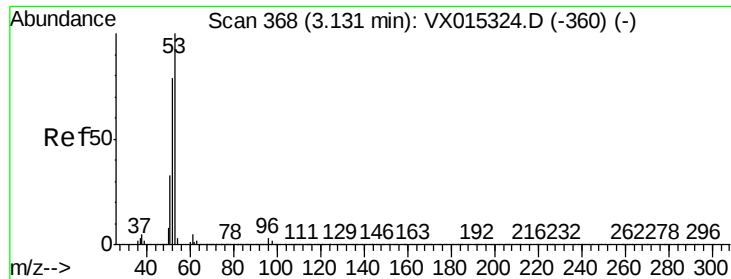
Ion Ratio Lower Upper

41 100

39 58.5 46.8 70.2

76 38.4 30.7 46.1





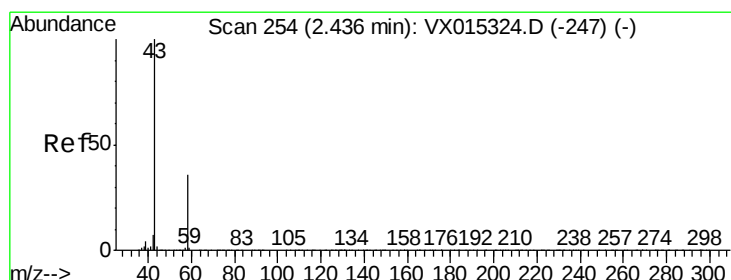
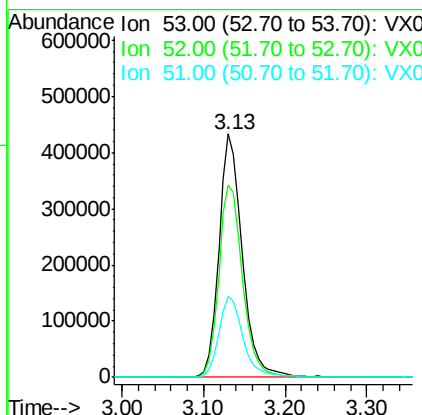
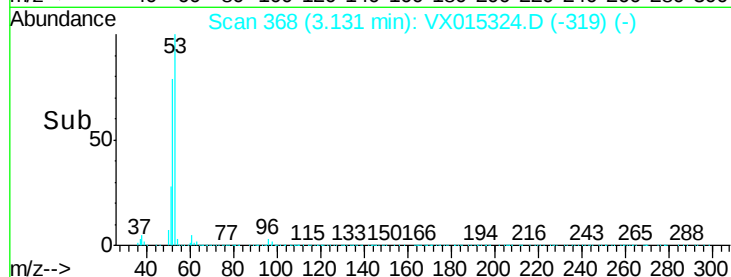
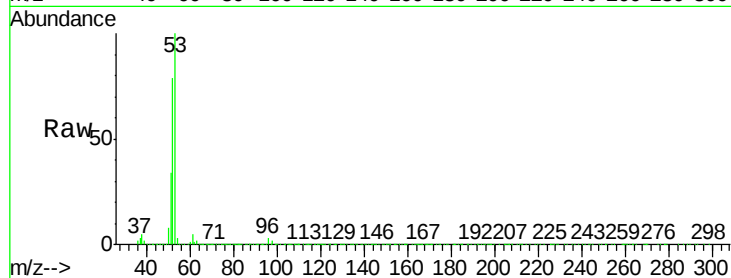
#15
 Acrylonitrile
 Concen: 296.582 ug/l
 RT: 3.13 min Scan# 368
 Delta R.T. 0.00 min
 Lab File: VX015324.D
 Acq: 18 Mar 2020 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion:	53	Resp:	858838
Ion Ratio		Lower	Upper
53	100		
52	80.8	64.6	97.0
51	34.4	27.5	41.3

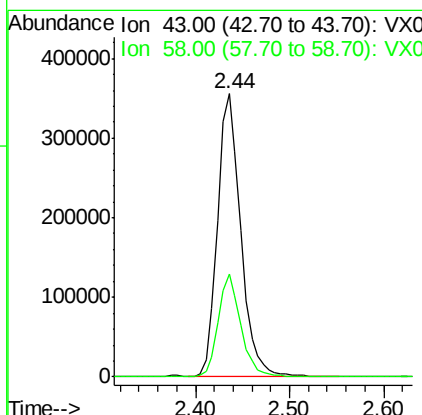
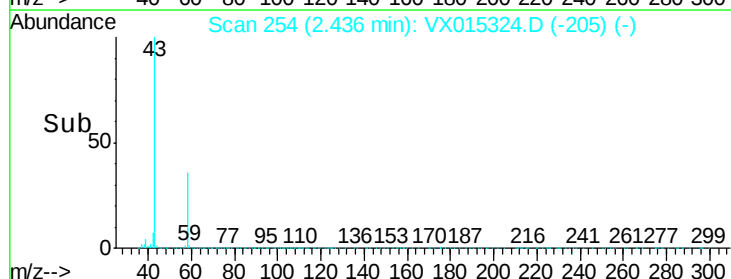
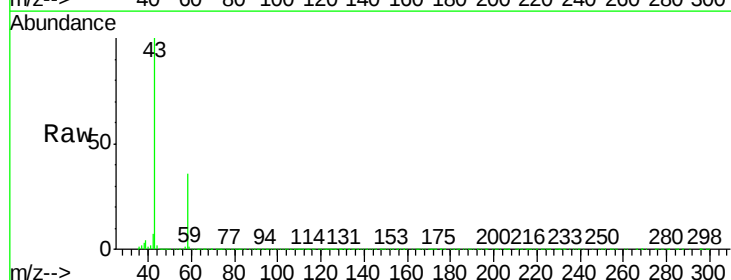
Manual Integrations
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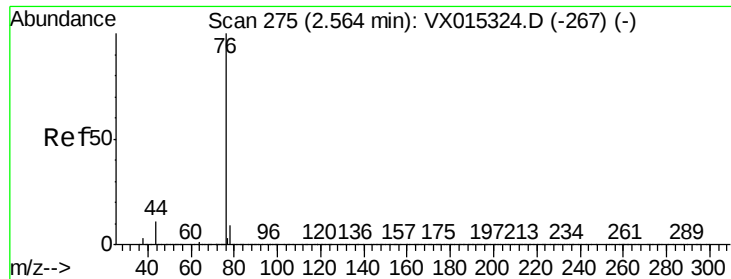
MMDadoda
 3/19/2020 12:00:53 PM



#16
 Acetone
 Concen: 234.071 ug/l
 RT: 2.44 min Scan# 254
 Delta R.T. 0.00 min
 Lab File: VX015324.D
 Acq: 18 Mar 2020 13:47

Tgt Ion:	43	Resp:	607190
Ion Ratio		Lower	Upper
43	100		
58	36.2	29.0	43.4





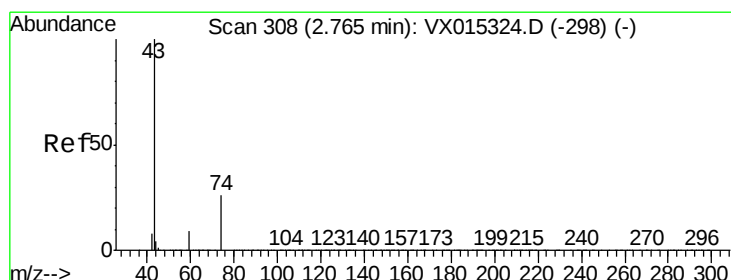
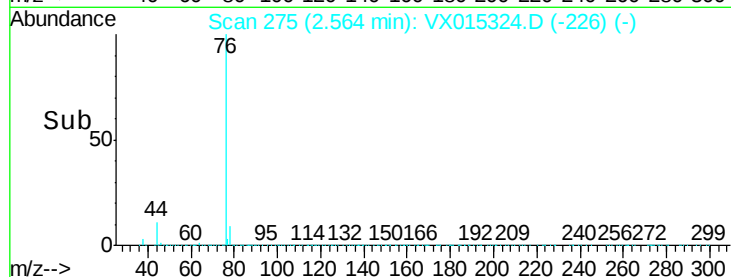
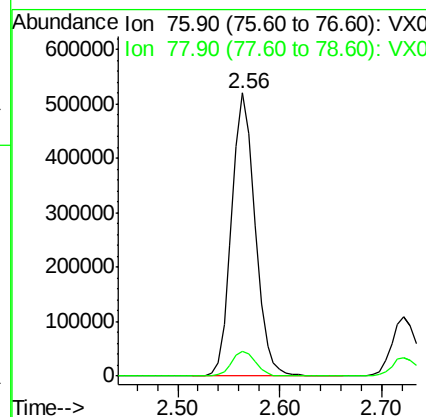
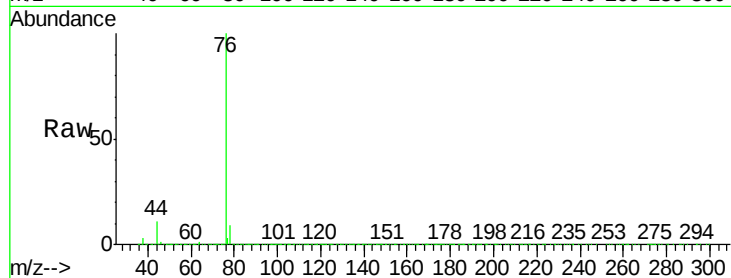
#17
Carbon Disulfide
Concen: 55.038 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.2	10.8

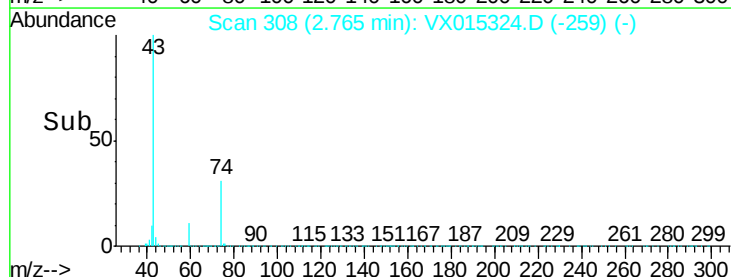
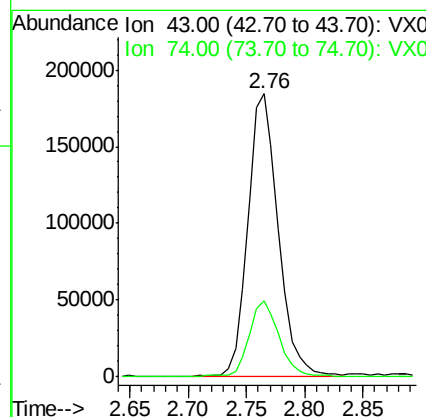
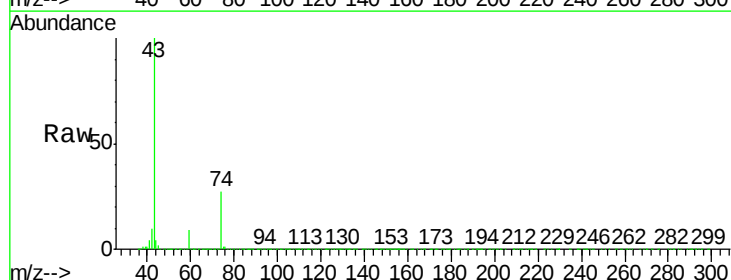
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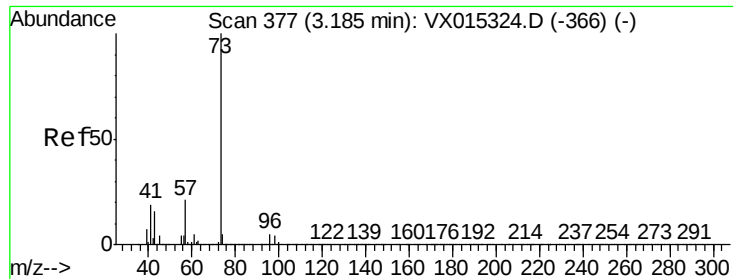
MMDadoda
3/19/2020 12:00:53 PM



#18
Methyl Acetate
Concen: 51.684 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.4	21.9	32.9





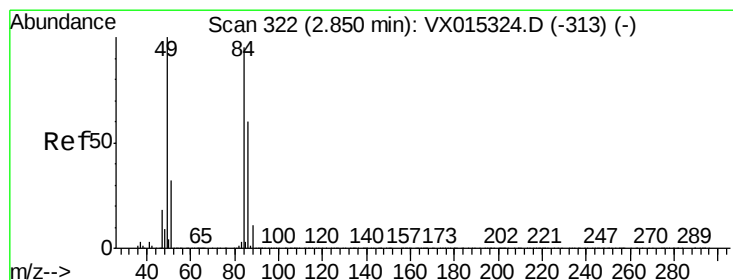
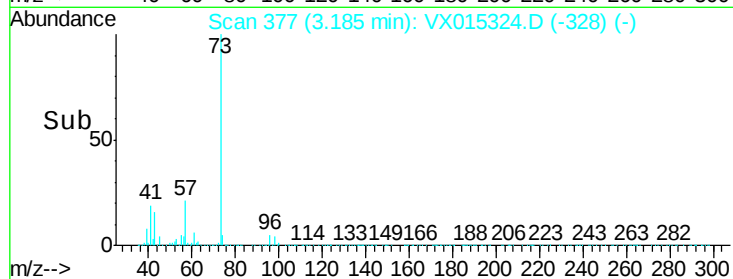
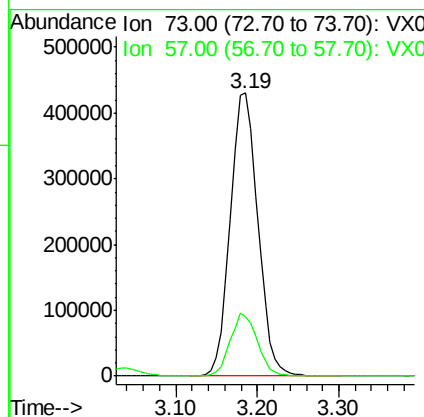
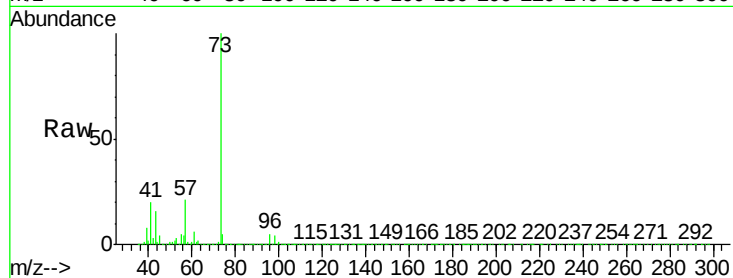
#19
Methvl tert-butvl Ether
Concen: 58.622 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 73 Resp: 1001987
Ion Ratio Lower Upper
73 100
57 21.0 16.8 25.2

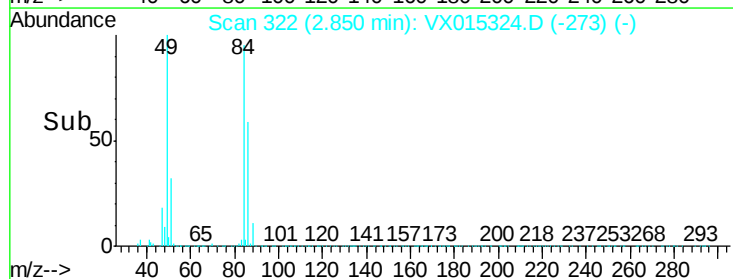
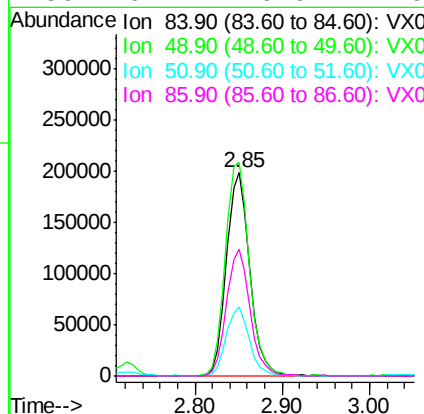
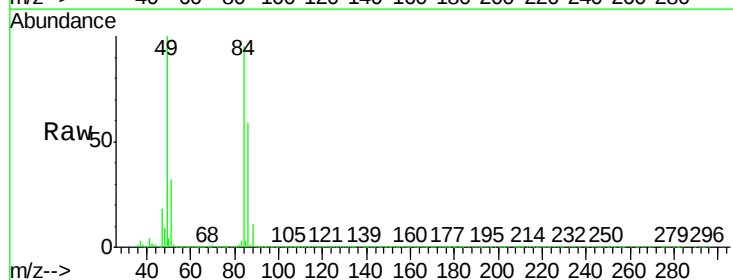
Manual Integrations
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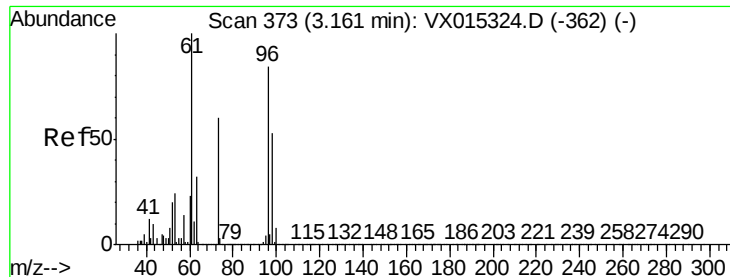
MMDadoda
3/19/2020 12:00:53 PM



#20
Methylene Chloride
Concen: 57.373 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Tgt Ion: 84 Resp: 367193
Ion Ratio Lower Upper
84 100
49 105.0 84.0 126.0
51 33.8 27.0 40.6
86 62.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 61.773 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

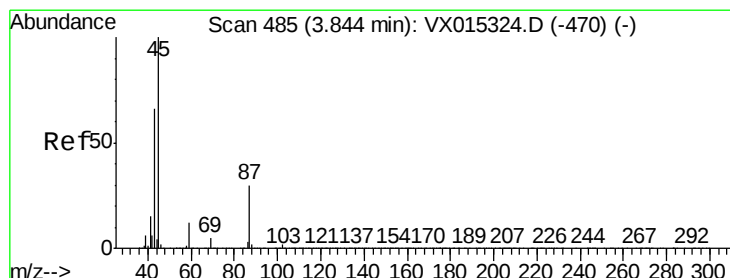
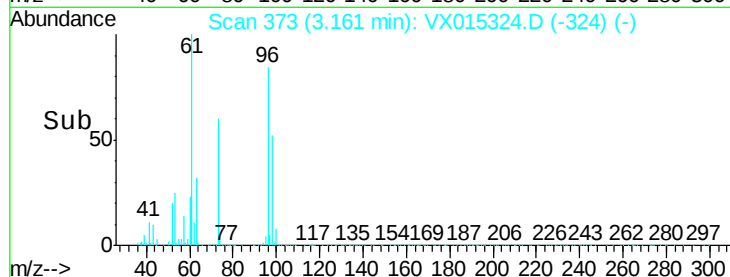
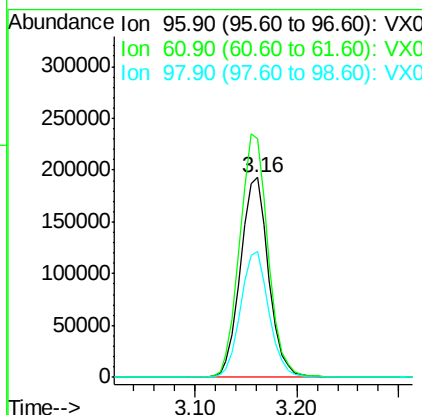
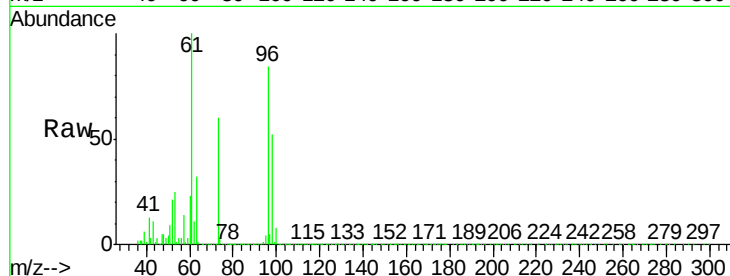
ClientSampleId :

VSTDICCC050

Tot Ion:	96	Resp:	368041
Ion	Ratio	Lower	Upper
96	100		
61	119.4	95.5	143.3
98	62.7	50.2	75.2

Manual Integrations
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3/19/2020 12:00:53 PM



#22

Diisopropyl ether

Concen: 55.580 ug/l

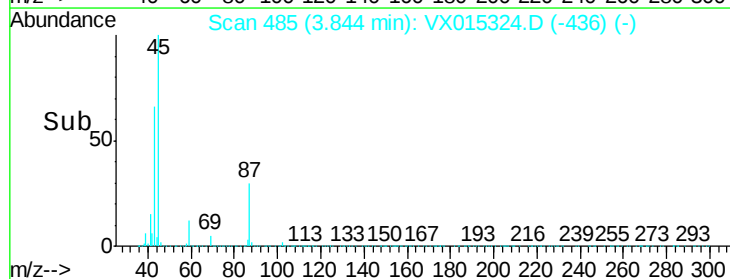
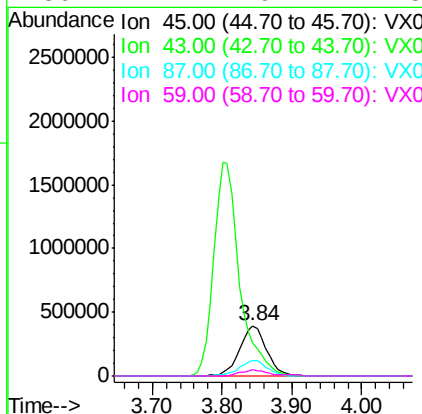
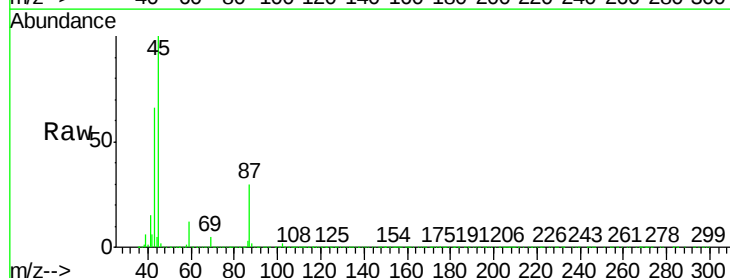
RT: 3.84 min Scan# 485

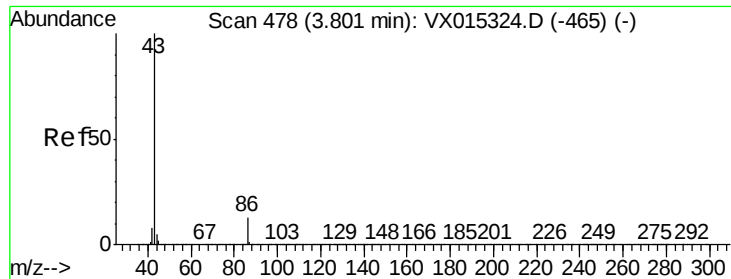
Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Tgt Ion:	45	Resp:	1041915
Ion	Ratio	Lower	Upper
45	100		
43	66.0	52.8	79.2
87	30.4	24.3	36.5
59	12.1	9.7	14.5





#23

Vinyl Acetate

Concen: 280.025 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 4292005

Ion Ratio Lower Upper

43 100

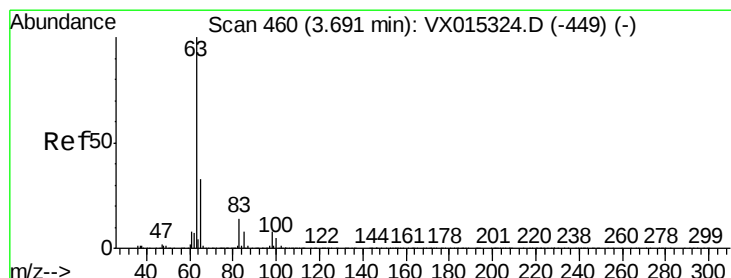
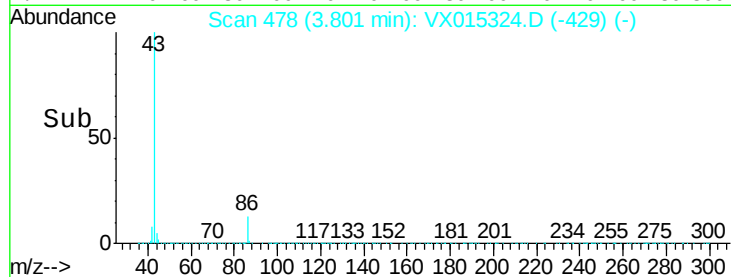
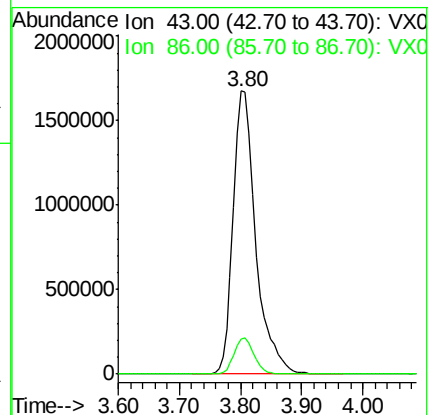
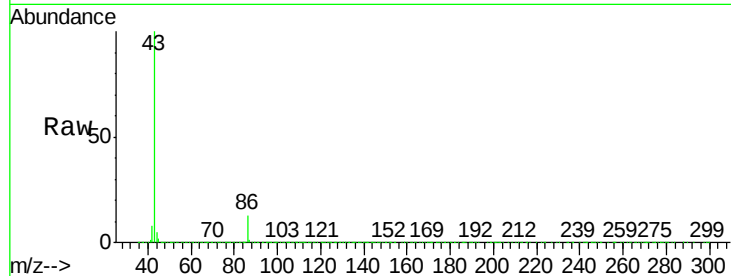
86 12.6 10.1 15.1

Manual Integrations

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3/19/2020 12:00:53 PM



#24

1,1-Dichloroethane

Concen: 56.617 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

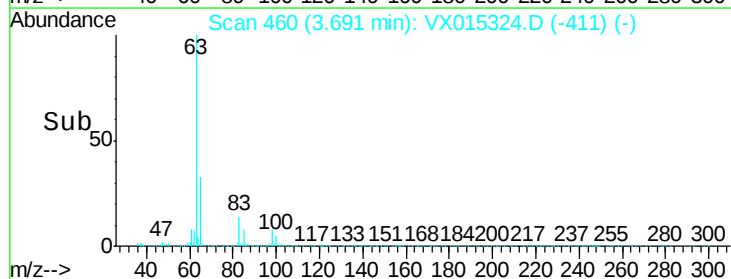
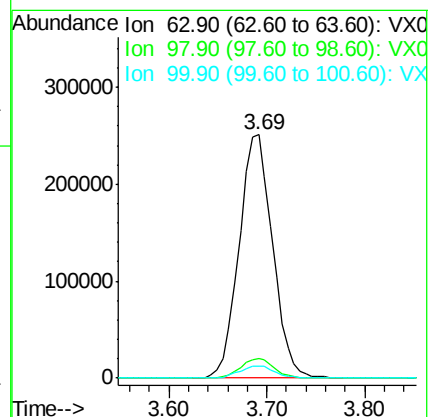
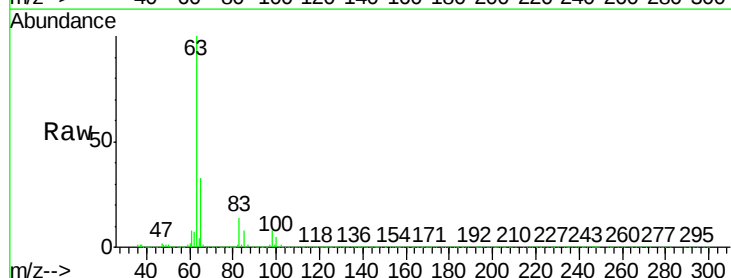
Tgt Ion: 63 Resp: 595199

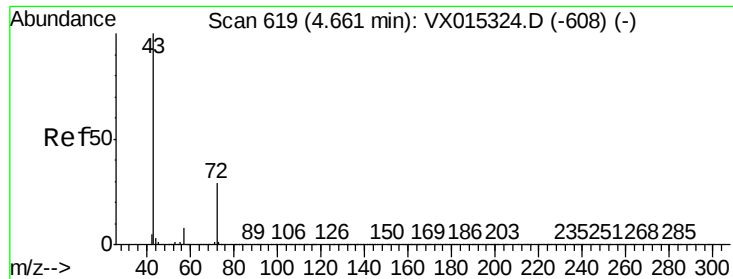
Ion Ratio Lower Upper

63 100

98 7.8 3.9 11.7

100 4.8 2.4 7.2





#25

2-Butanone

Concen: 272.351 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Tot Ion: 43 Resp: 1055341

Ion Ratio Lower Upper

43 100

72 28.9 23.1 34.7

Instrument :

MSVOA_X

ClientSampleId :

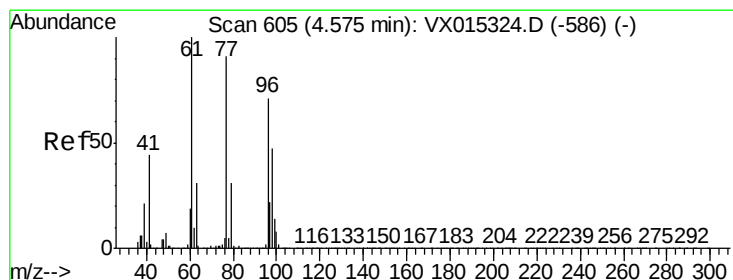
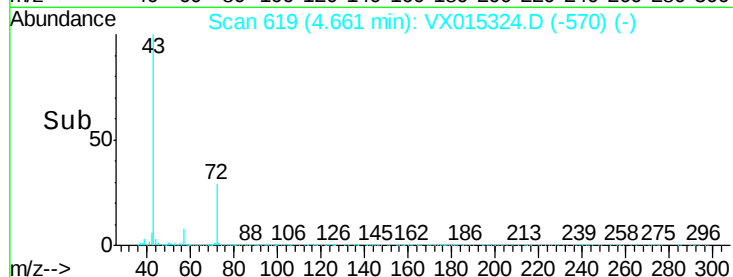
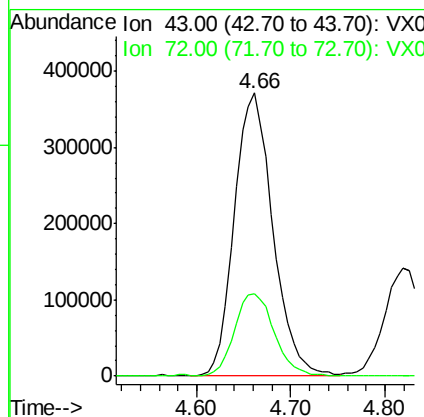
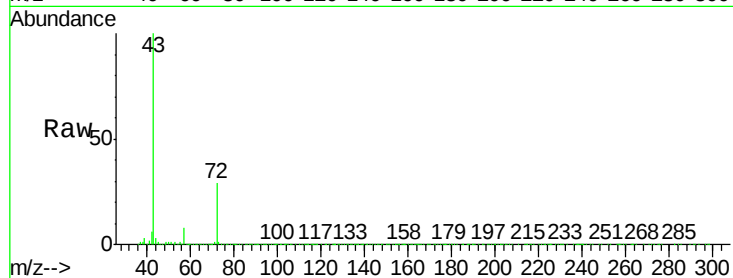
VSTDICCC050

Manual Integrations

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3/19/2020 12:00:53 PM



#26

2,2-Dichloropropane

Concen: 54.835 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX015324.D

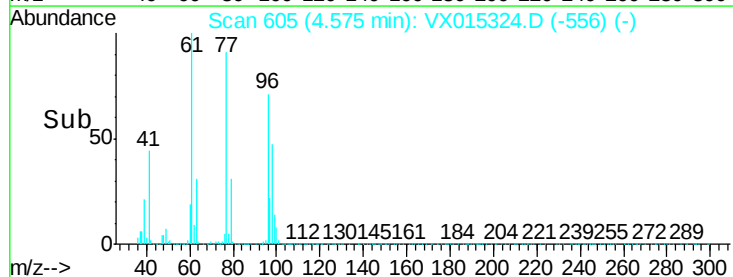
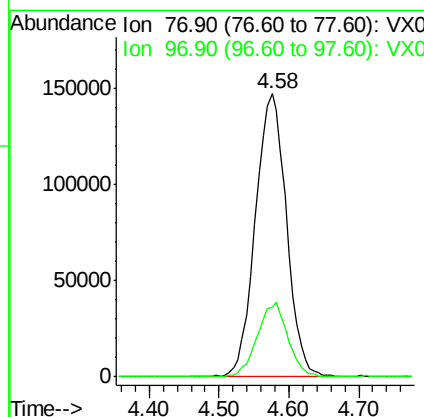
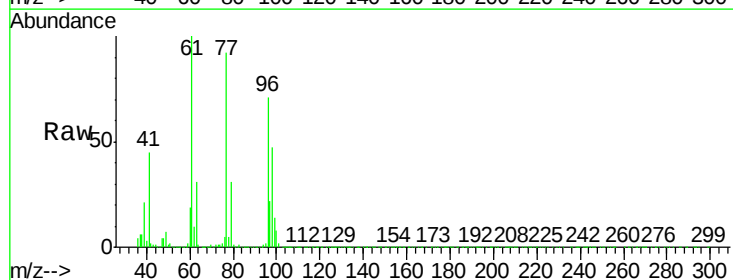
Acq: 18 Mar 2020 13:47

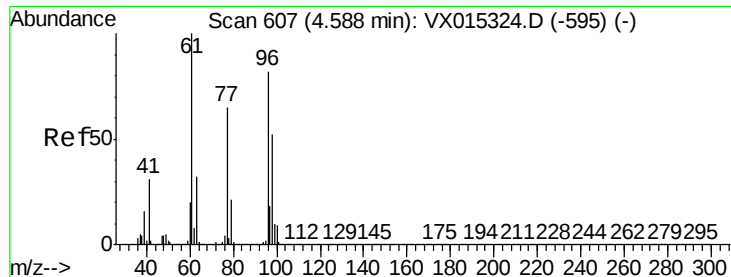
Tgt Ion: 77 Resp: 453915

Ion Ratio Lower Upper

77 100

97 25.9 13.0 38.9





#27

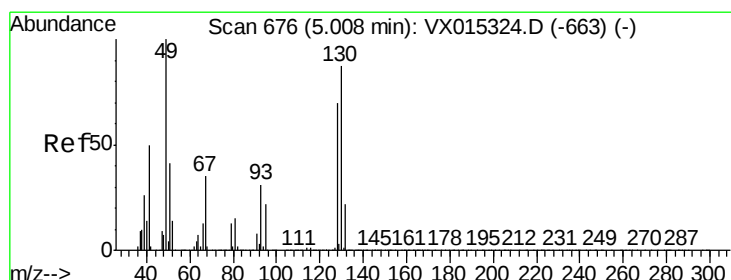
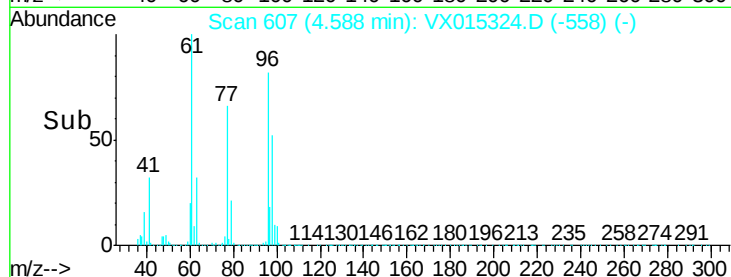
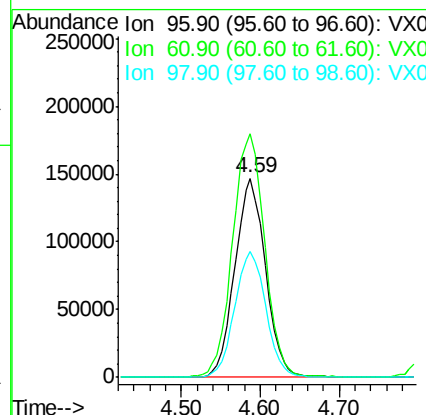
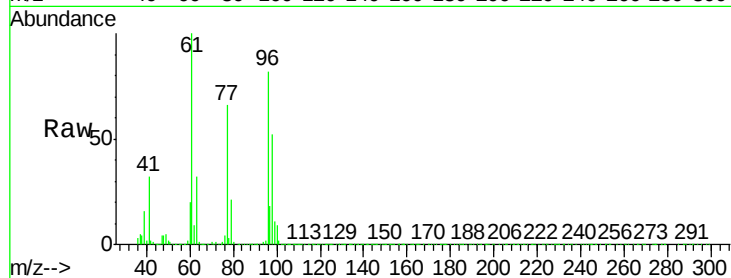
cis-1,2-Dichloroethene
Concen: 60.029 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	396749		
61	127.9	0.0	255.8	
98	64.4	0.0	128.8	

Manual Integrations
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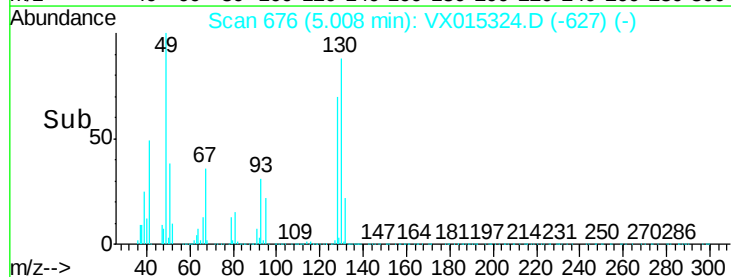
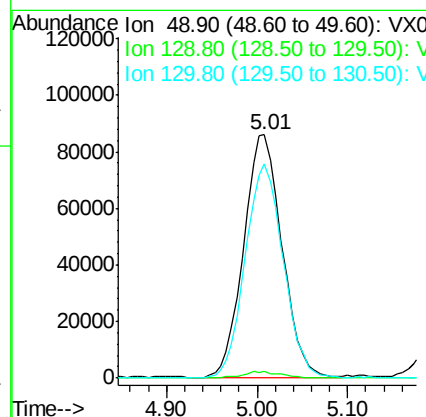
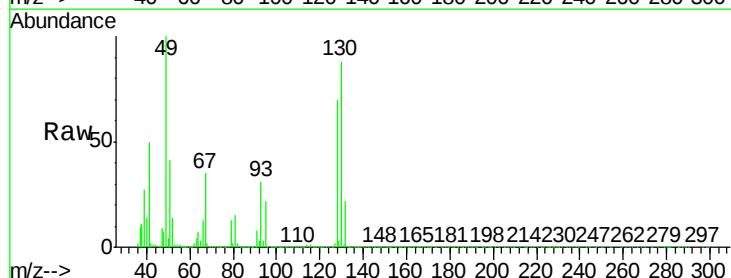
MMDadoda
3/19/2020 12:00:53 PM

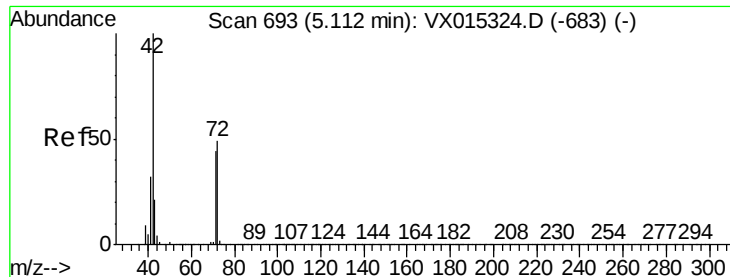


#28

Bromochloromethane
Concen: 53.365 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	250759		
129	2.7	0.0	5.4	
130	87.4	69.9	104.9	





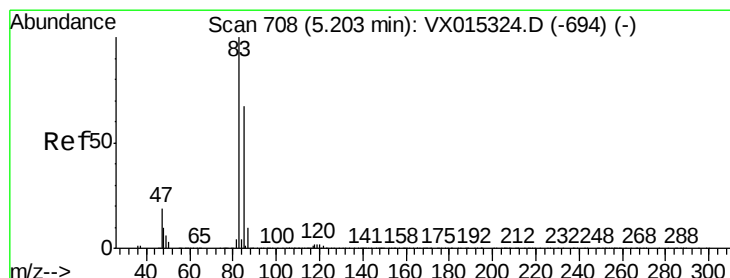
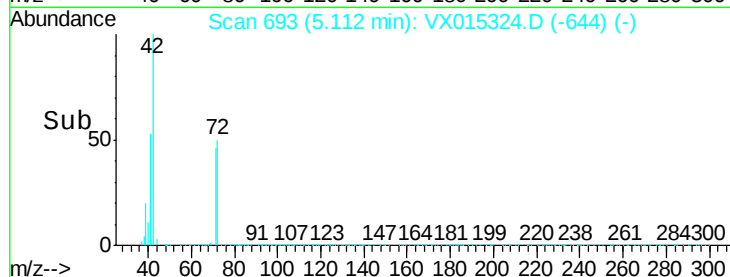
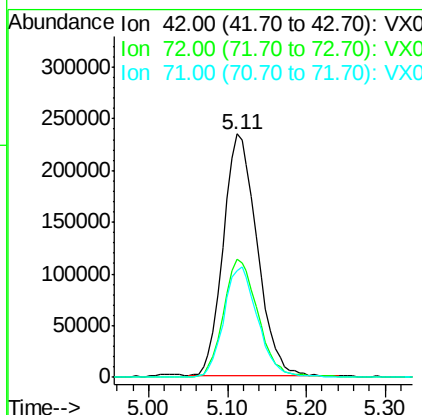
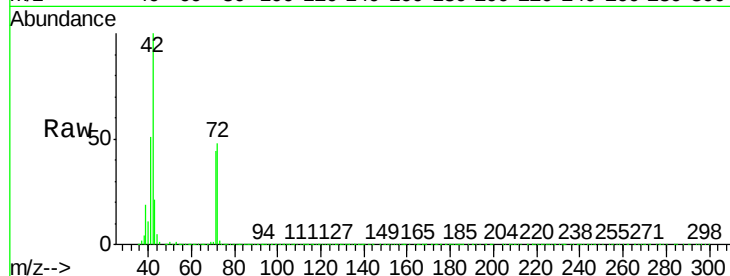
#29
Tetrahydrofuran
Concen: 277.887 ug/l
RT: 5.11 min Scan# 693
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	49.5	39.6	59.4
71	45.6	36.5	54.7

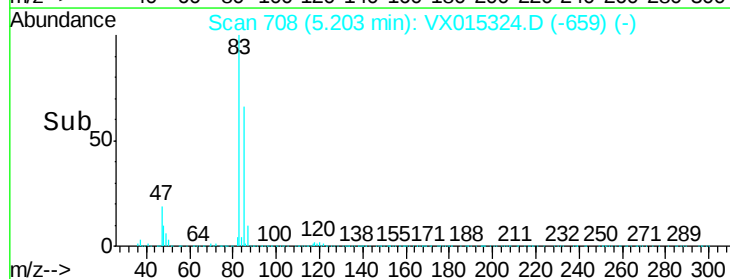
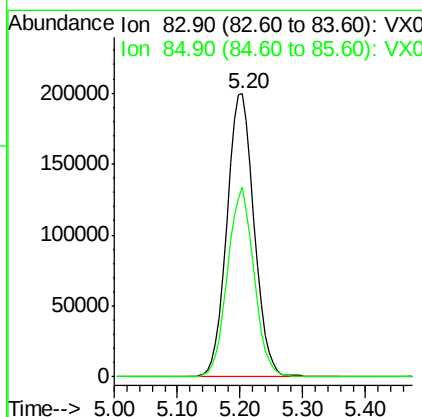
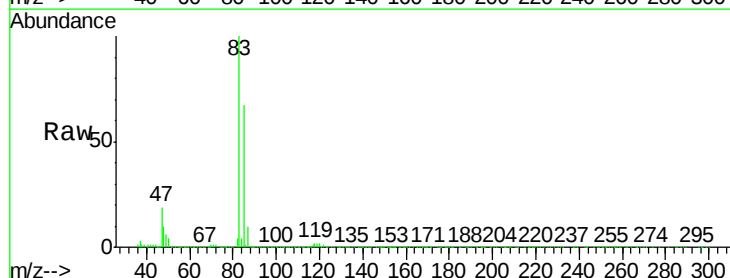
Manual Integrations
APPROVED

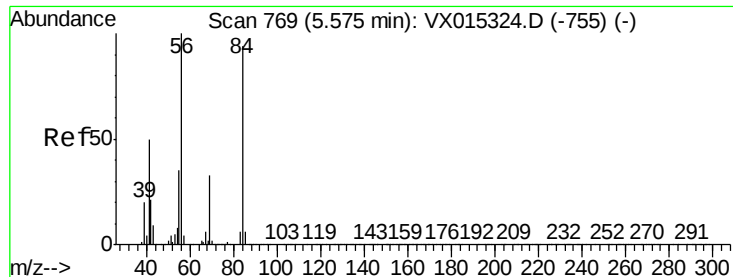
MMDadoda
3/19/2020 12:00:53 PM



#30
Chloroform
Concen: 57.907 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.2	53.8	80.6





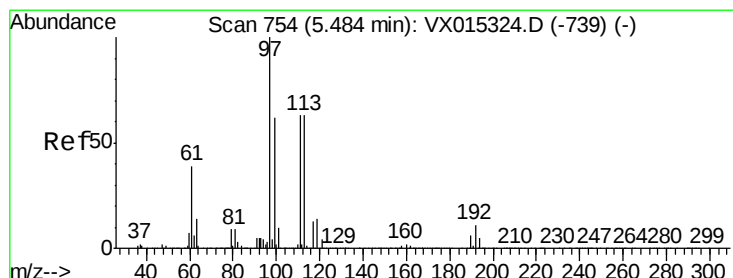
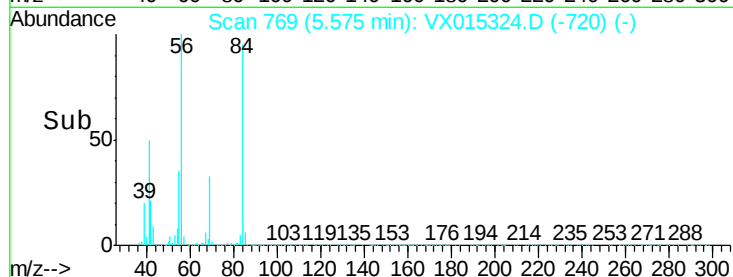
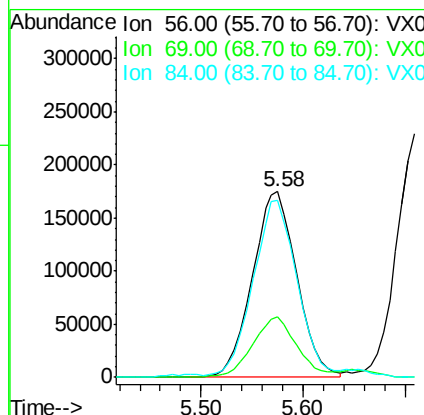
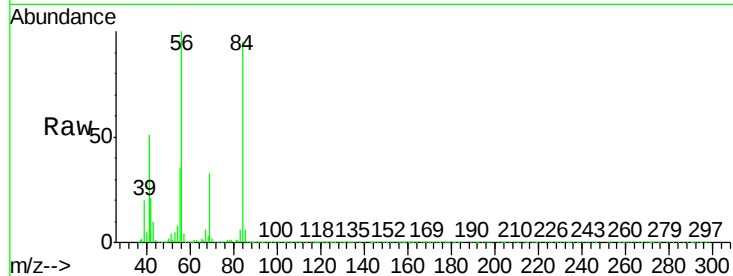
#31
Cyclohexane
Concen: 56.228 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.8	26.2	39.4
84	94.0	75.2	112.8

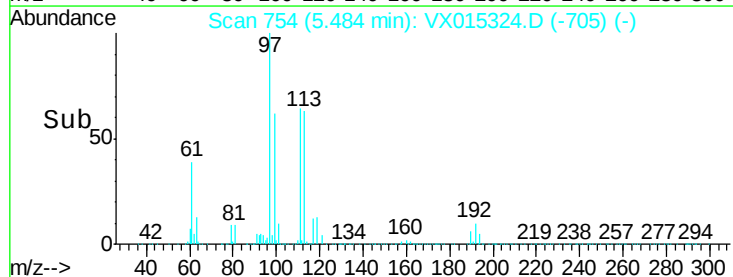
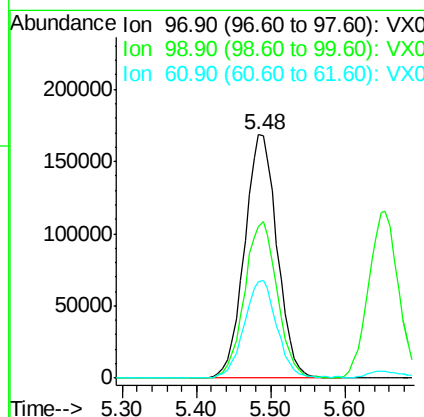
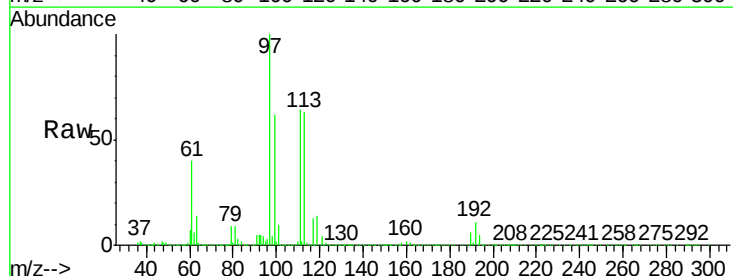
Manual Integrations
APPROVED

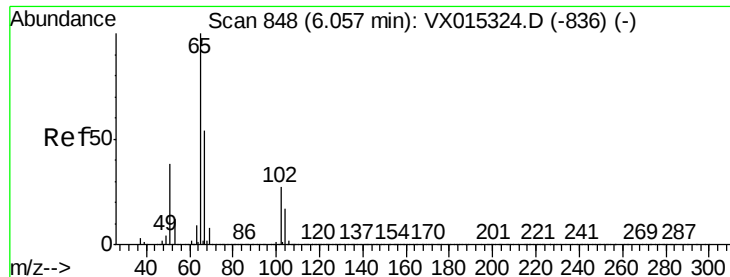
MMDadoda
3/19/2020 12:00:53 PM



#32
1,1,1-Trichloroethane
Concen: 60.204 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.0
61	39.6	31.7	47.5





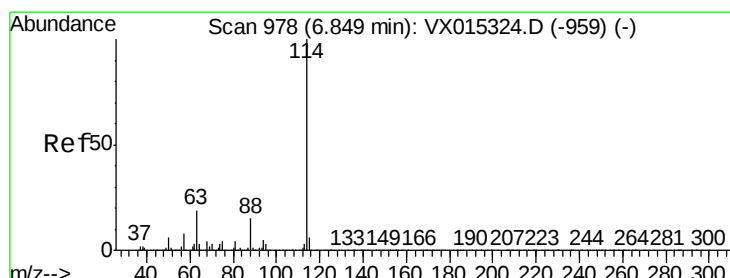
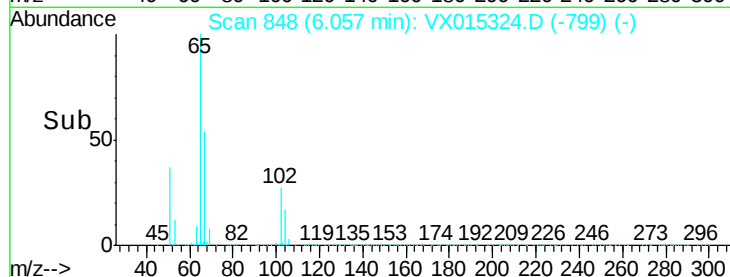
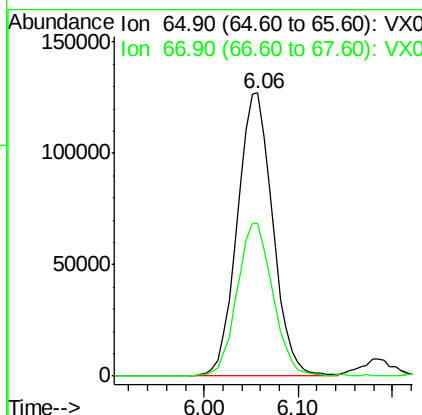
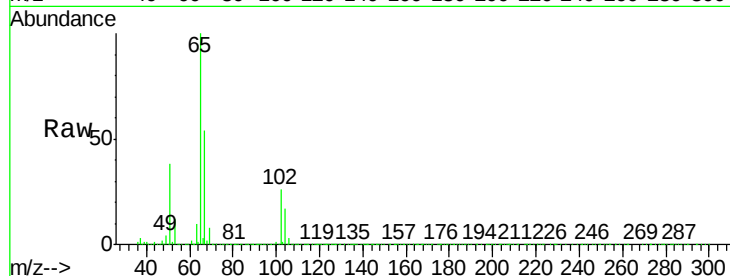
#33
 1,2-Dichloroethane-d4
 Concen: 50.653 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: VX015324.D
 Acq: 18 Mar 2020 13:47

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	330776		
67	54.3	0.0	108.6	

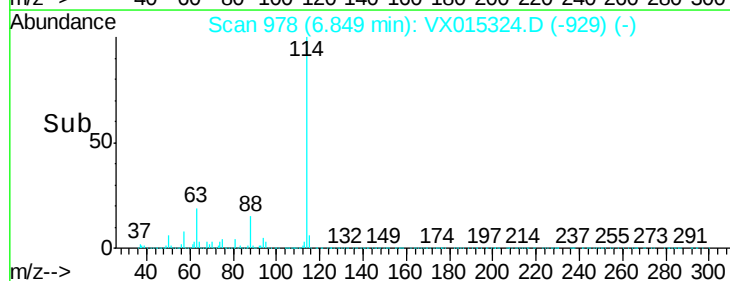
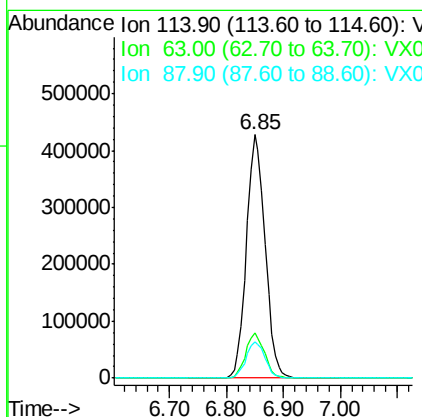
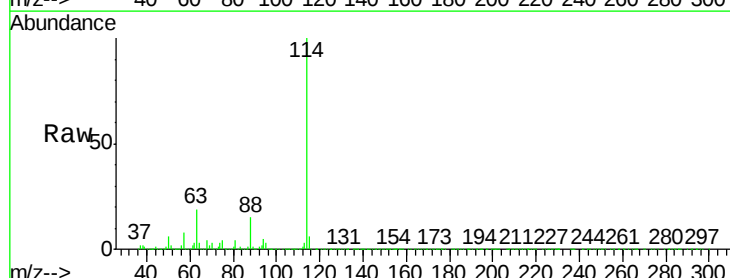
Manual Integrations
 APPROVED

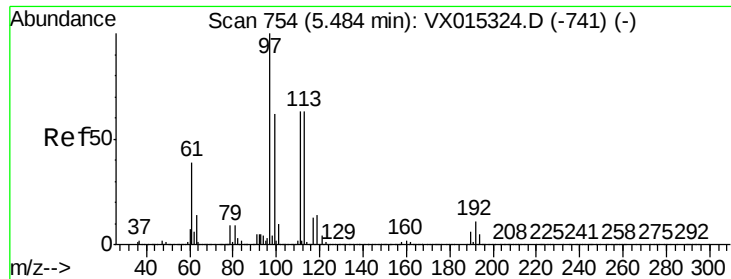
MMDadoda
 3/19/2020 12:00:53 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX015324.D
 Acq: 18 Mar 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	979294		
63	18.7	0.0	37.4	
88	15.0	0.0	30.0	





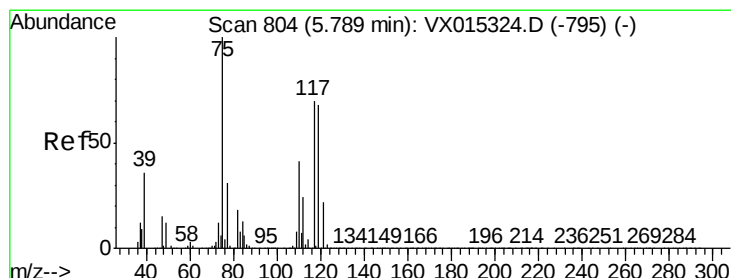
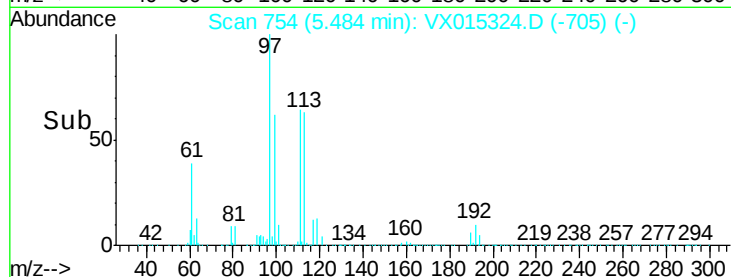
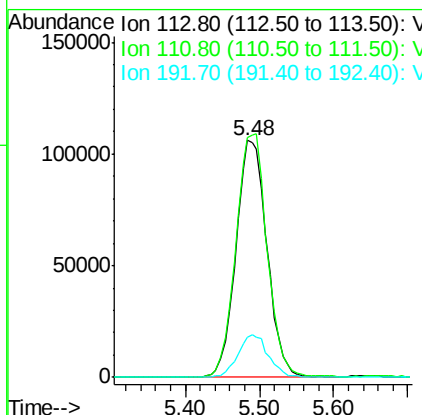
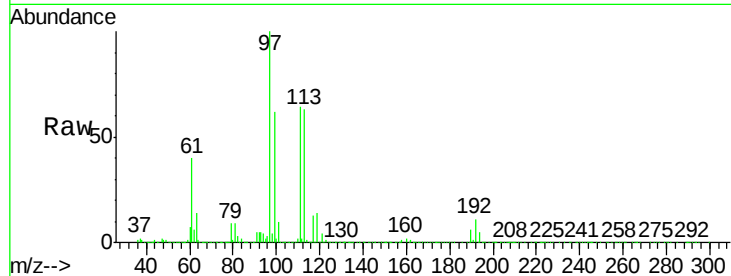
#35
Dibromofluoromethane
Concen: 49.881 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	309786		
111	103.1	82.5	123.7	
192	17.7	14.2	21.2	

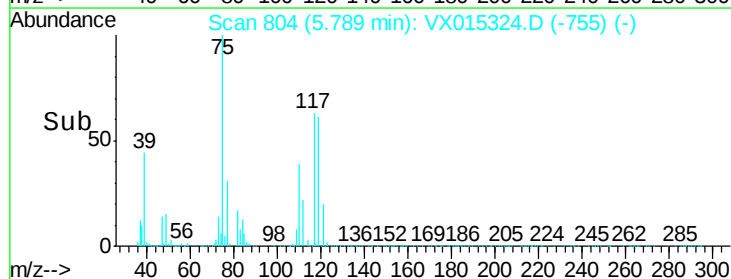
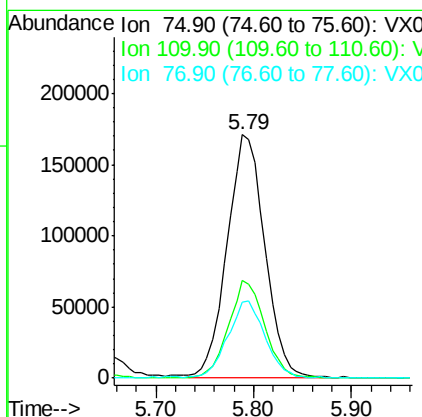
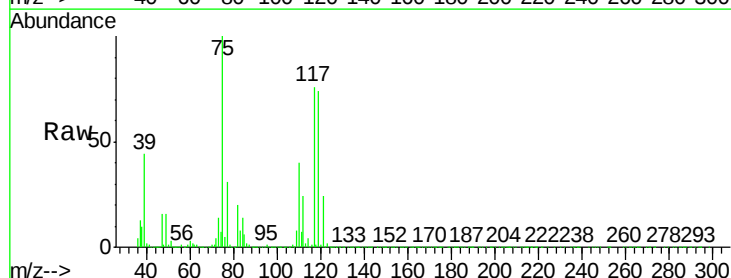
Manual Integrations
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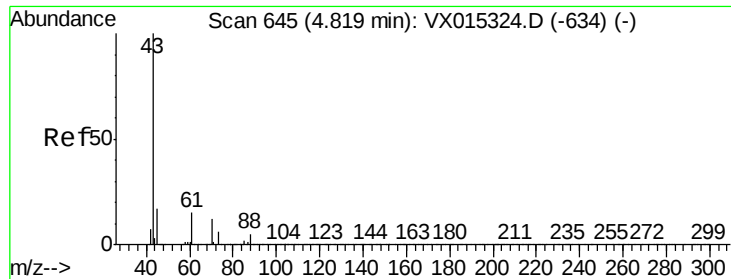
MMDadoda
3/19/2020 12:00:53 PM



#36
1,1-Dichloropropene
Concen: 49.882 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	453595		
110	38.9	19.4	58.4	
77	30.8	24.6	37.0	





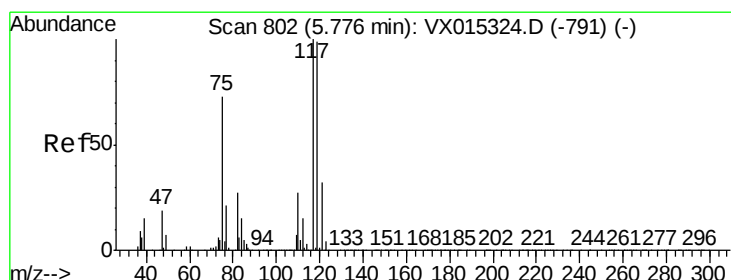
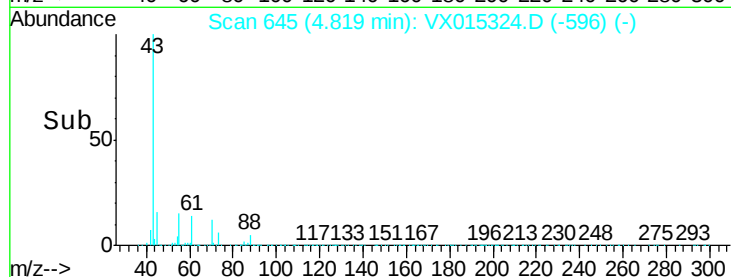
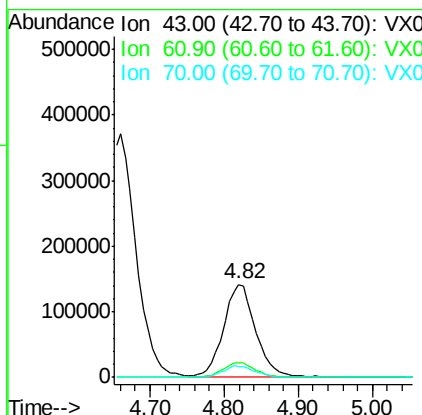
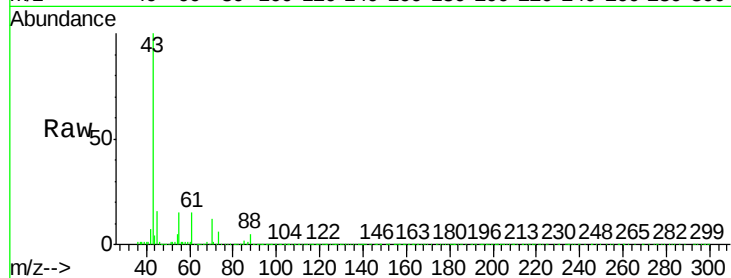
#37
Ethyl Acetate
Concen: 50.548 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	12.2	18.2
70	12.2	9.8	14.6

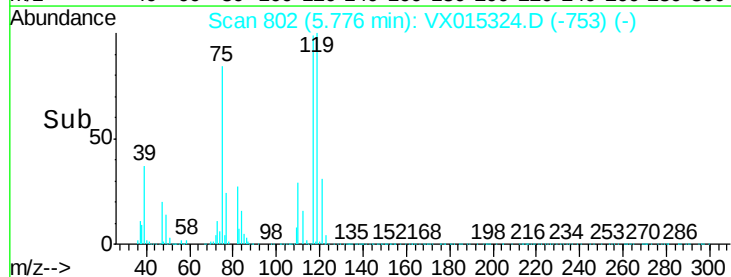
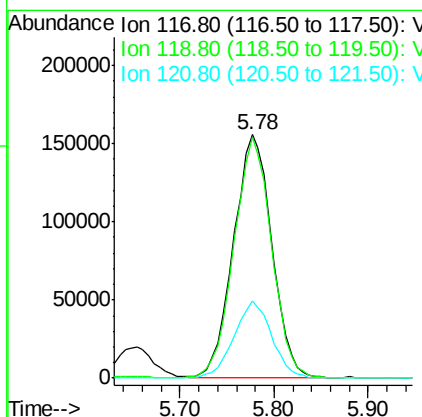
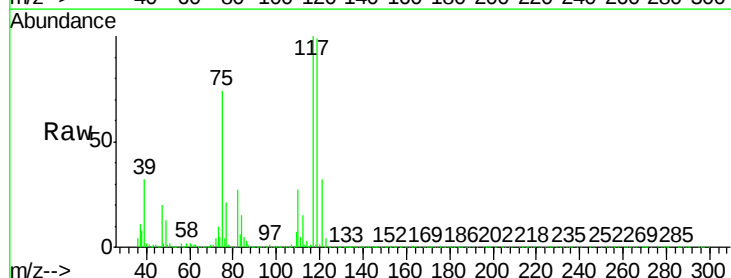
Manual Integrations
APPROVED

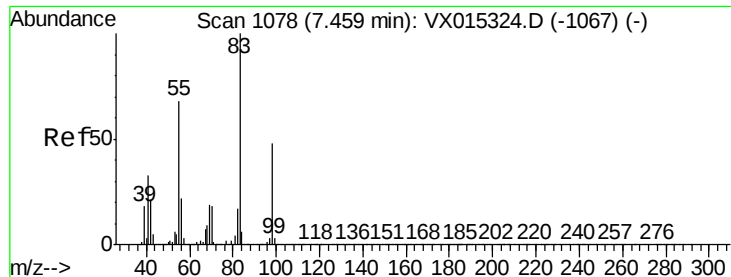
MMDadoda
3/19/2020 12:00:53 PM



#38
Carbon Tetrachloride
Concen: 51.370 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.1	79.3	118.9
121	31.7	25.4	38.0





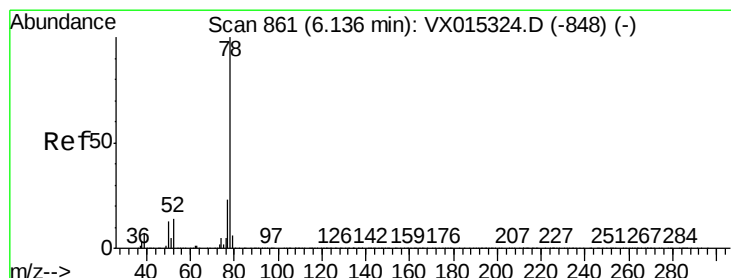
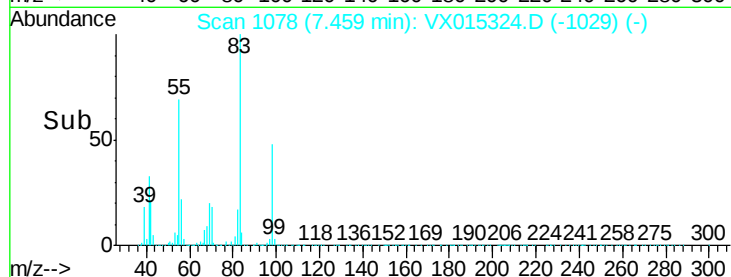
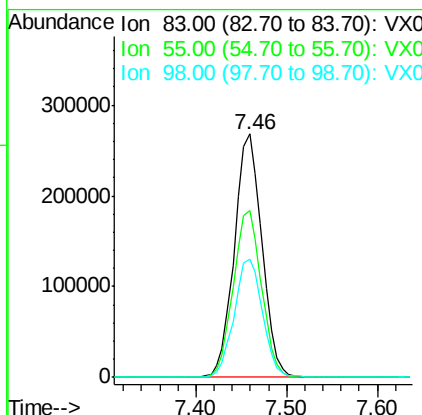
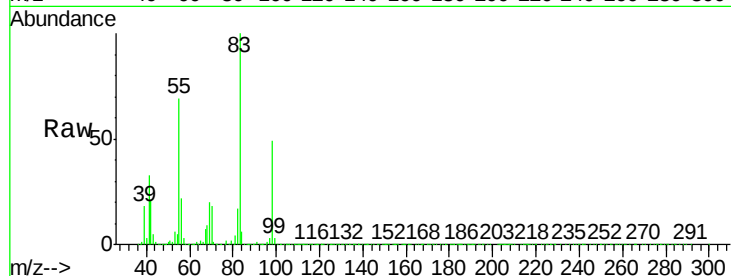
#39
Methvlcvclohexane
Concen: 52.991 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.5	54.8	82.2
98	48.5	38.8	58.2

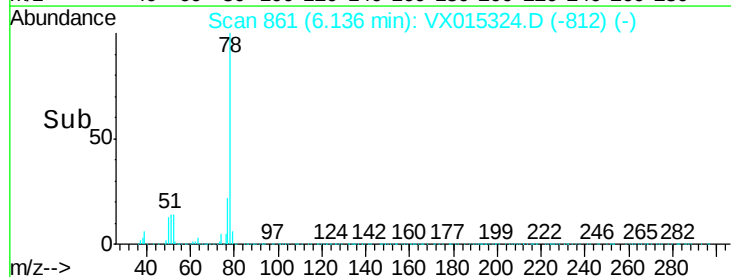
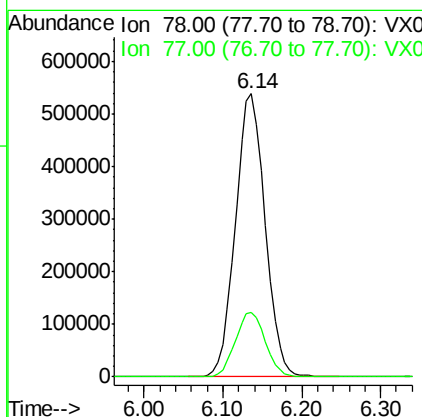
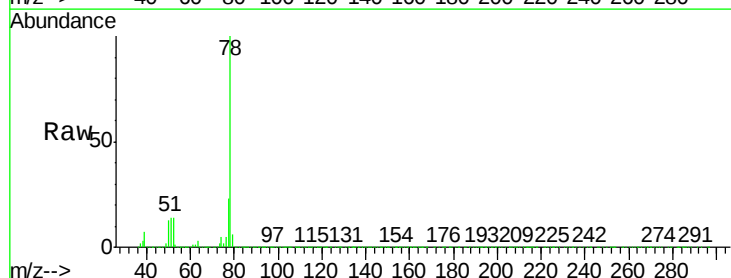
Manual Integrations
APPROVED

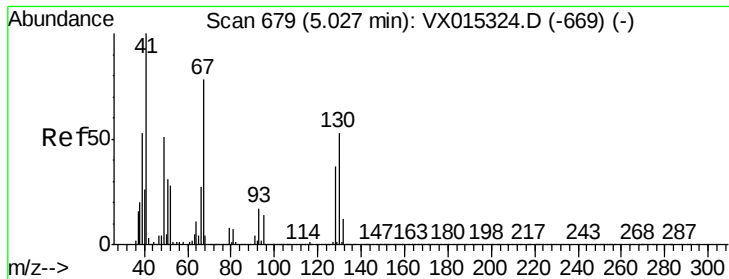
MMDadoda
3/19/2020 12:00:53 PM



#40
Benzene
Concen: 52.086 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.2	27.4





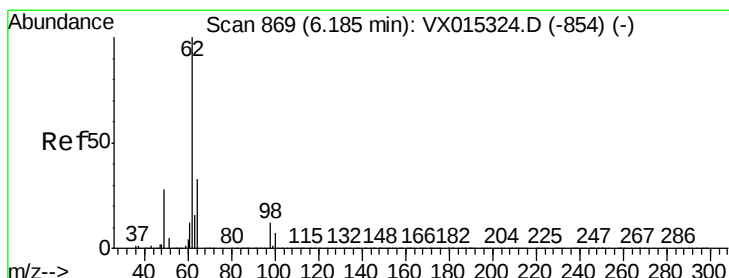
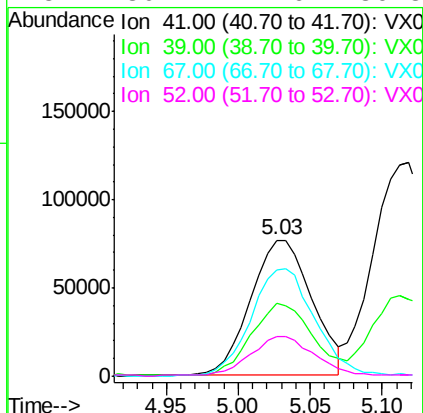
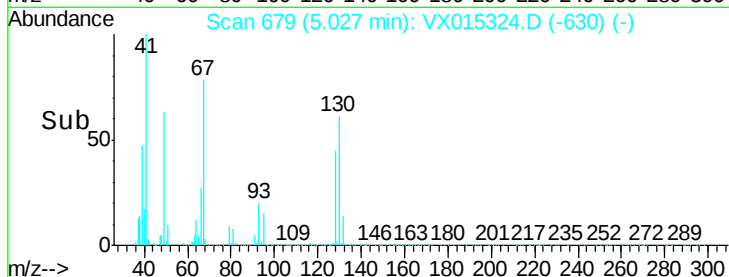
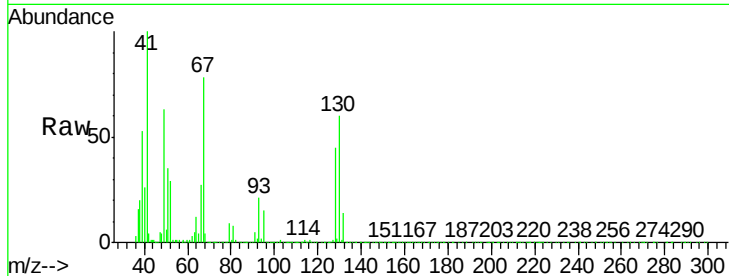
#41
Methacrylonitrile
Concen: 45.644 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	53.8	43.0	64.6
67	82.5	66.0	99.0
52	30.7	24.6	36.8

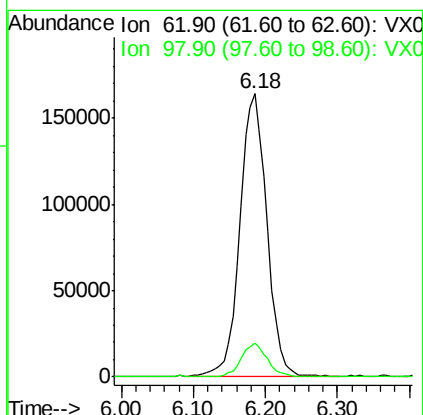
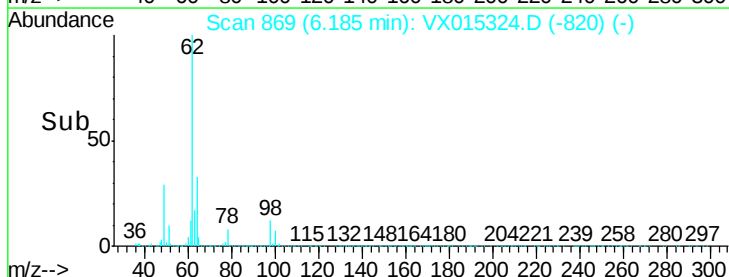
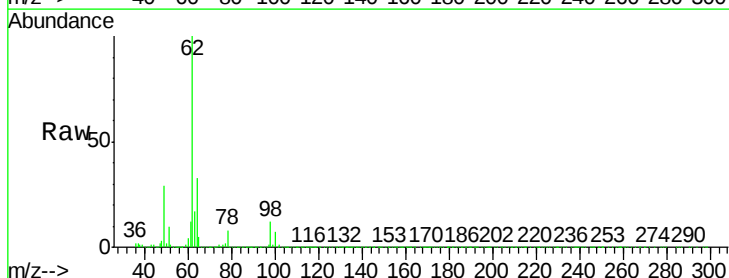
Manual Integrations
APPROVED

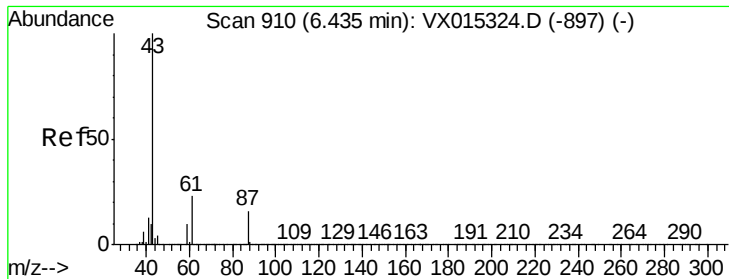
MMDadoda
3/19/2020 12:00:53 PM



#42
1,2-Dichloroethane
Concen: 46.514 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	22.6





#43

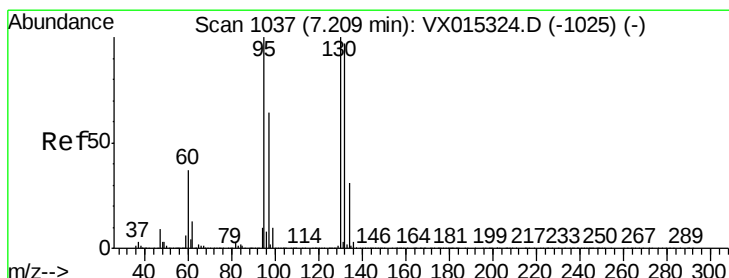
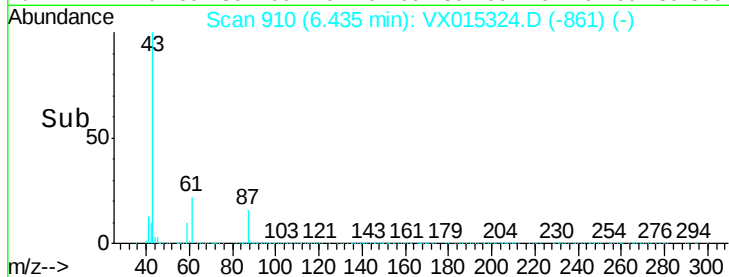
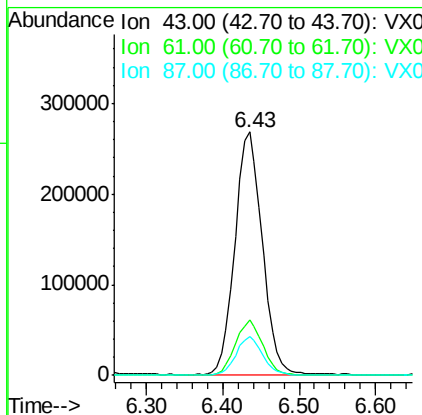
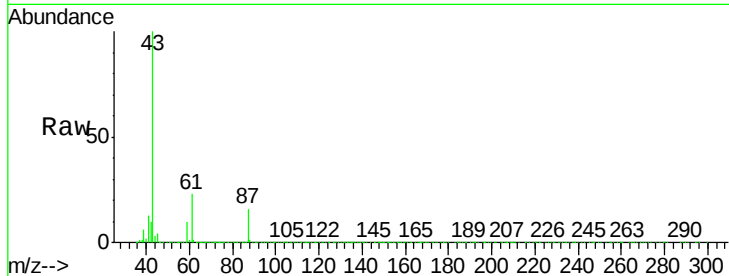
Isopropyl Acetate
 Concen: 45.805 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX015324.D
 Acq: 18 Mar 2020 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.7	18.2	27.2
87	15.4	12.3	18.5

Manual Integrations
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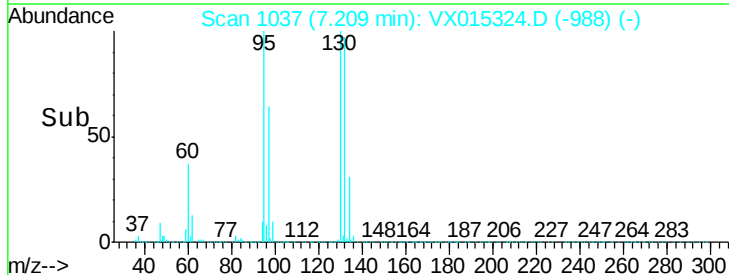
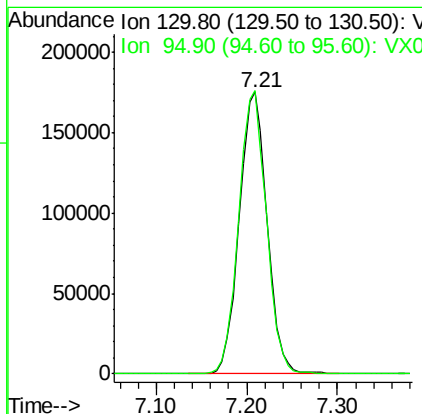
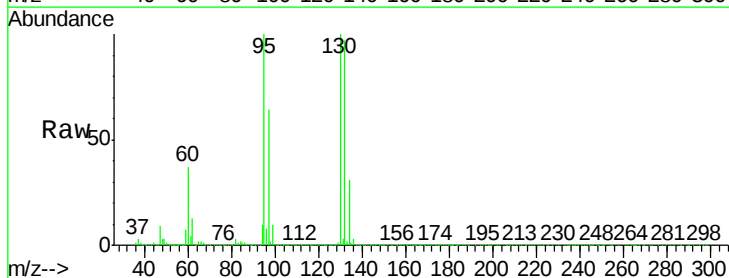
MMDadoda
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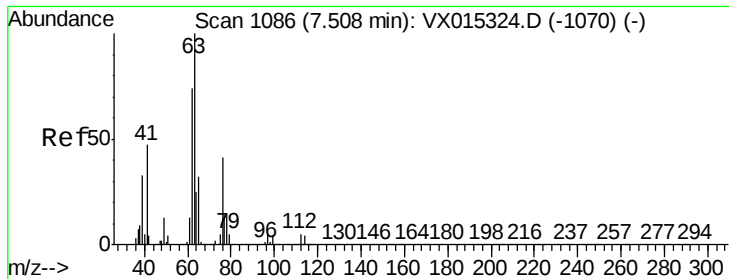


#44

Trichloroethene
 Concen: 49.425 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX015324.D
 Acq: 18 Mar 2020 13:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.2	0.0	200.4





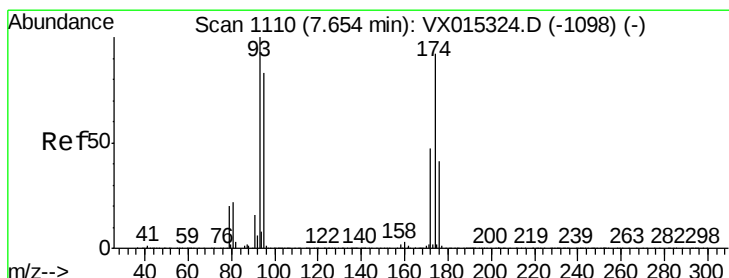
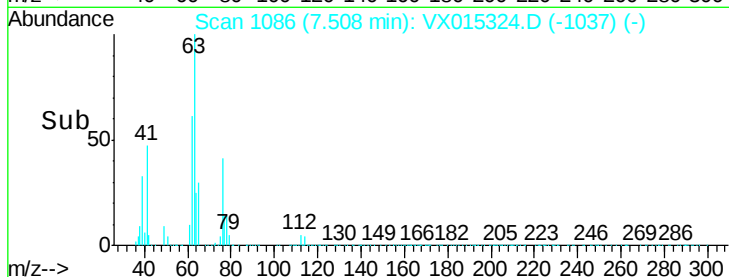
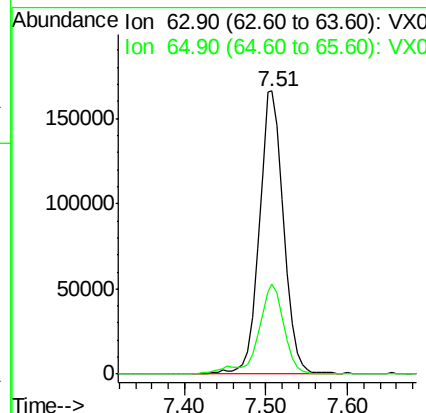
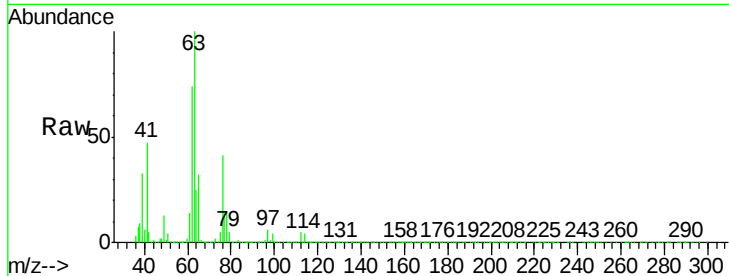
#45
 1,2-Dichloropropane
 Concen: 49.667 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX015324.D
 Acq: 18 Mar 2020 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	25.1	37.7

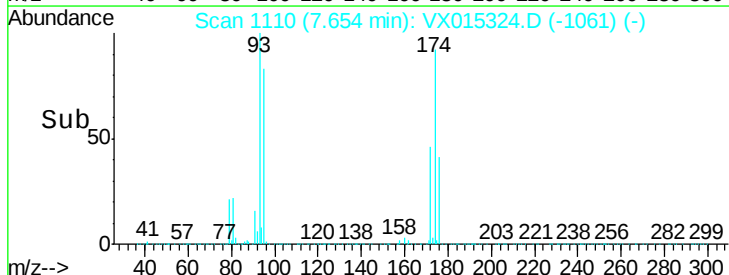
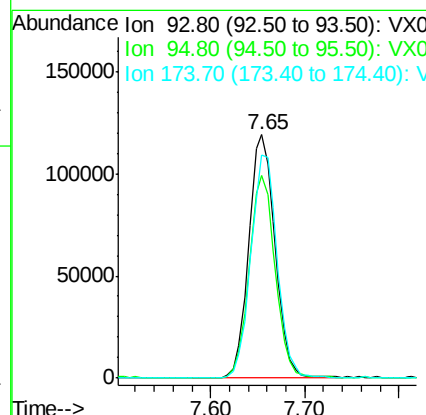
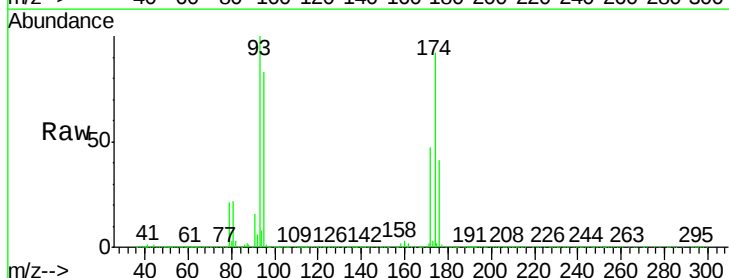
Manual Integrations
 APPROVED

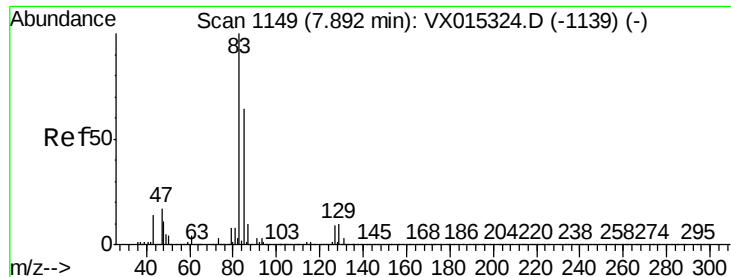
MMDadoda
 3/19/2020 12:00:53 PM



#46
 Dibromomethane
 Concen: 50.831 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX015324.D
 Acq: 18 Mar 2020 13:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	66.3	99.5
174	92.7	74.2	111.2





#47

Bromodichloromethane

Concen: 50.942 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

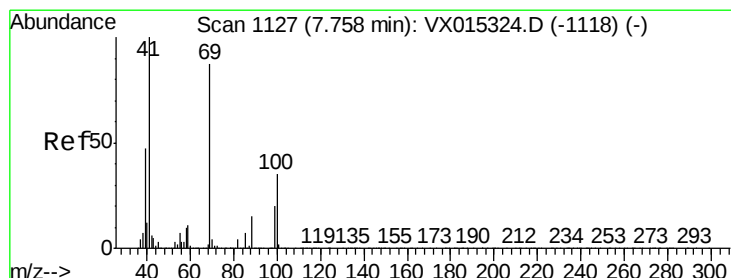
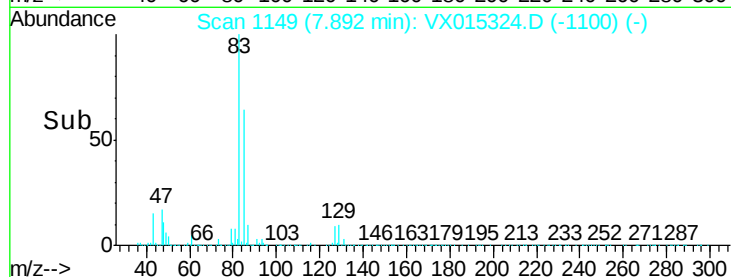
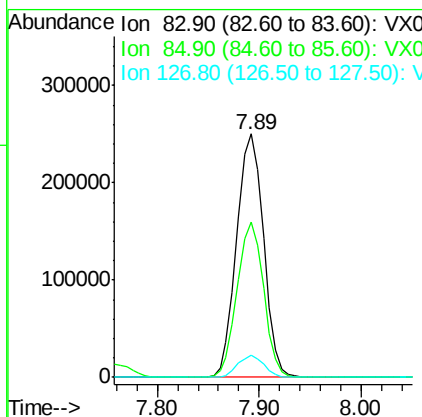
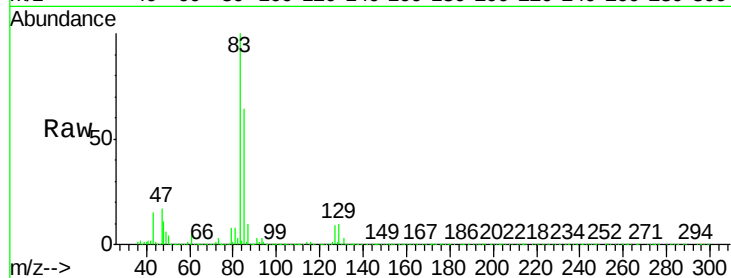
ClientSampleId :

VSTDICCC050

Tot Ion:	83	Resp:	457380
Ion Ratio	Lower	Upper	
83	100		
85	63.8	51.0	76.6
127	9.0	7.2	10.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 45.018 ug/l

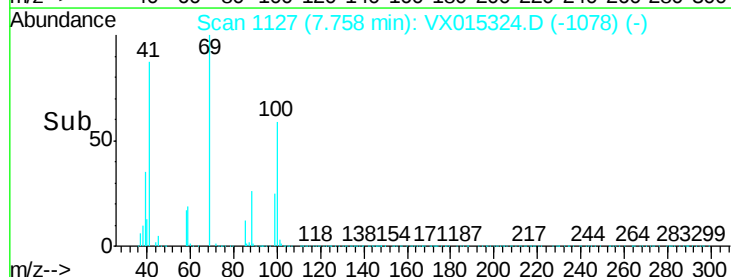
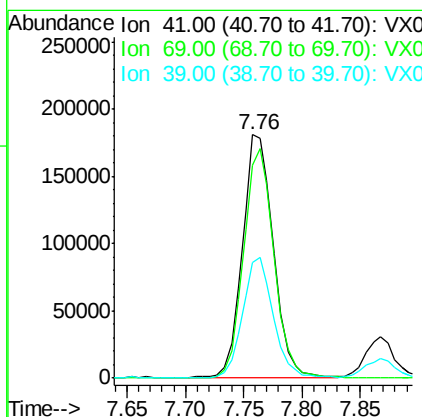
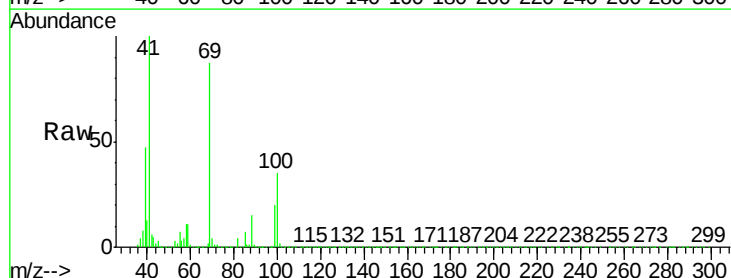
RT: 7.76 min Scan# 1127

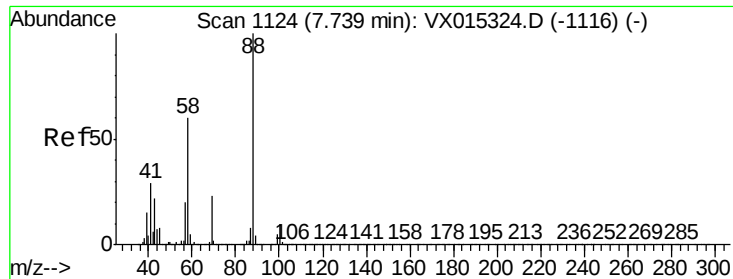
Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Tgt Ion:	41	Resp:	331992
Ion Ratio	Lower	Upper	
41	100		
69	93.0	74.4	111.6
39	49.0	39.2	58.8





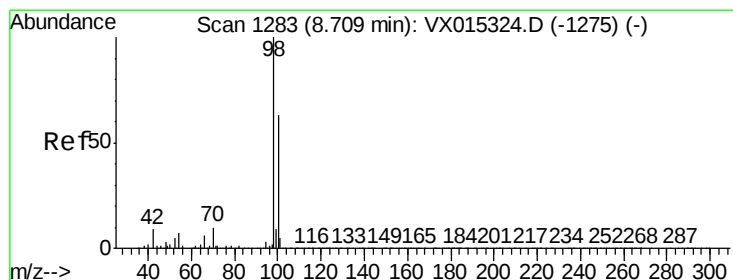
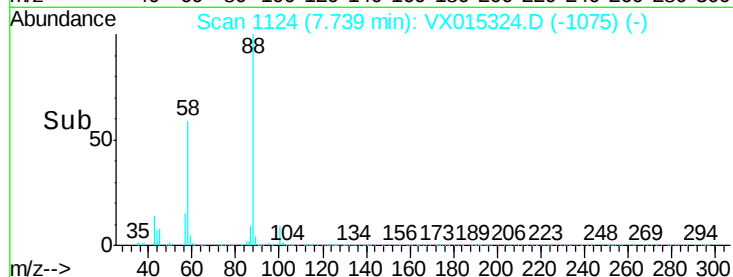
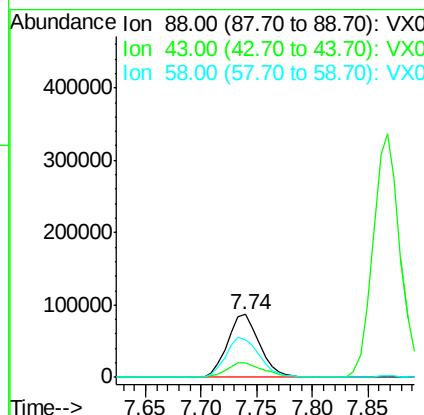
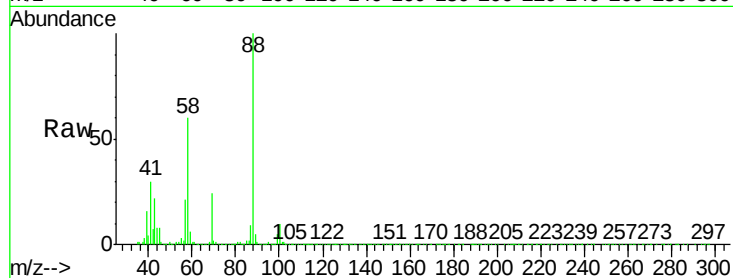
#49
1,4-Dioxane
Concen: 1045.118 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	25.9	20.7	31.1
58	67.4	53.9	80.9

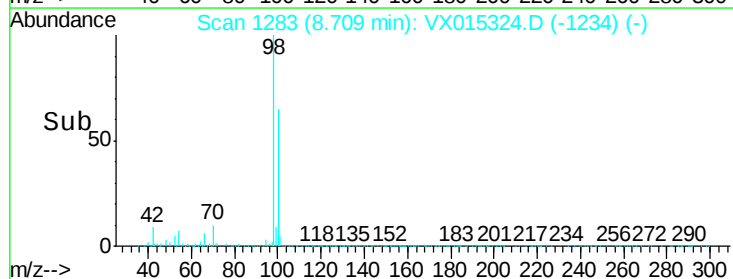
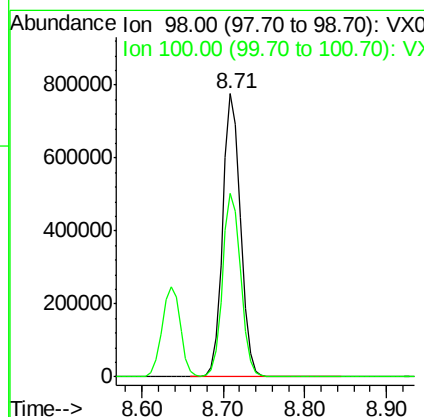
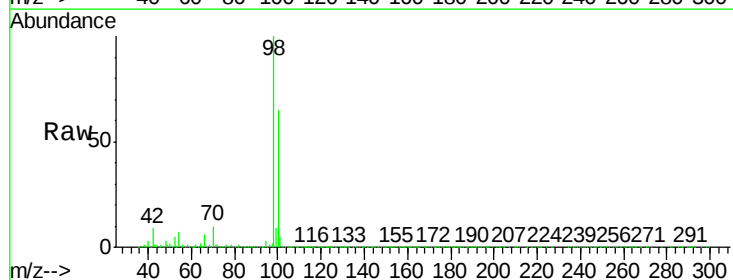
Manual Integrations
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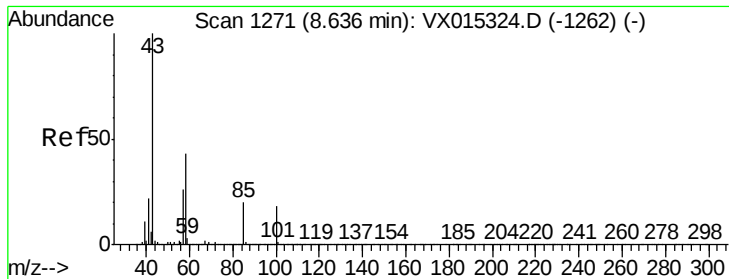
MMDadoda
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#50
Toluene-d8
Concen: 50.178 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.3	53.0	79.6





#51

4-Methyl-2-Pentanone

Concen: 240.396 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 2066808

Ion Ratio Lower Upper

43 100

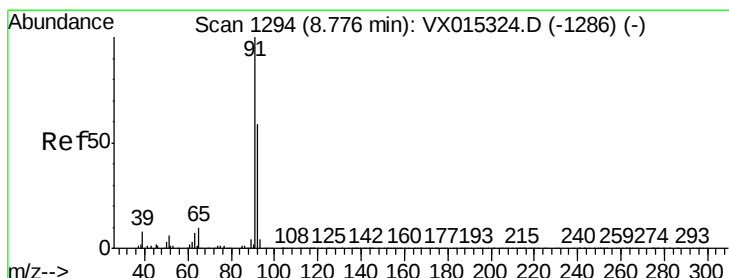
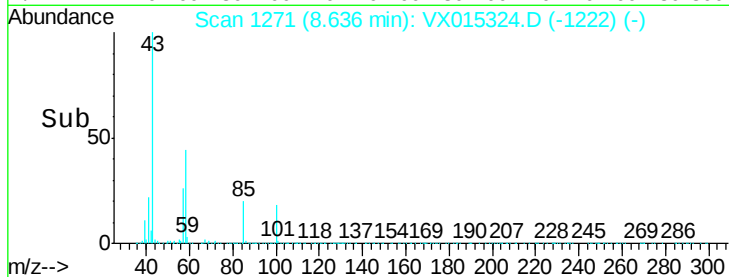
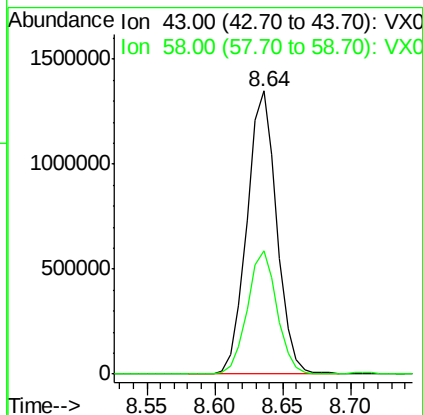
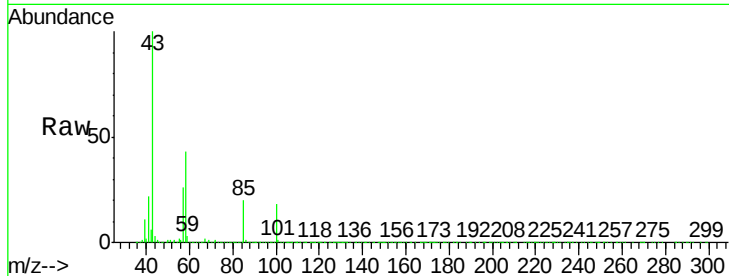
58 43.2 34.6 51.8

Manual Integrations

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#52

Toluene

Concen: 53.278 ug/l

RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX015324.D

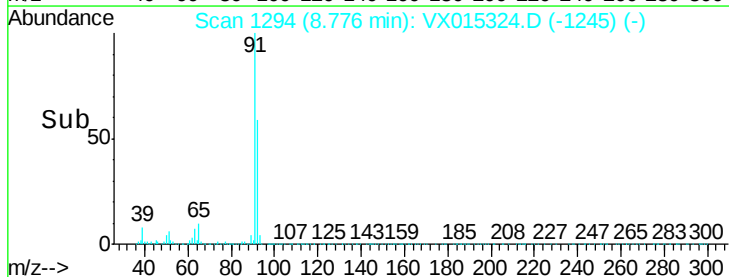
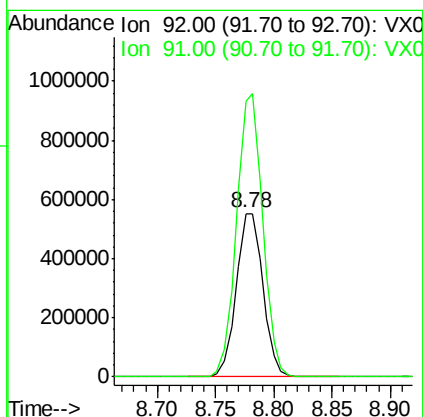
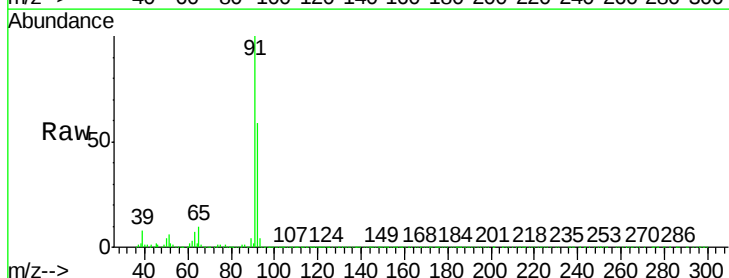
Acq: 18 Mar 2020 13:47

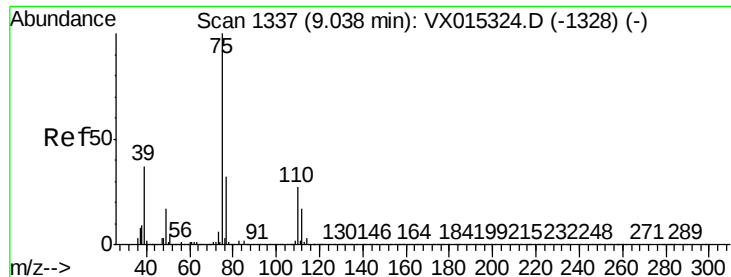
Tgt Ion: 92 Resp: 882922

Ion Ratio Lower Upper

92 100

91 170.5 136.4 204.6





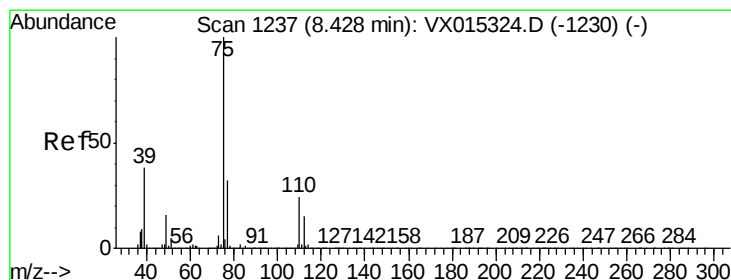
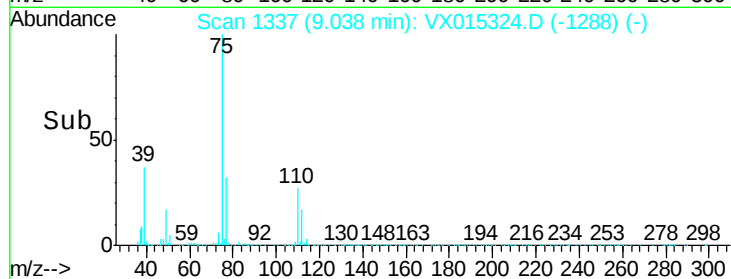
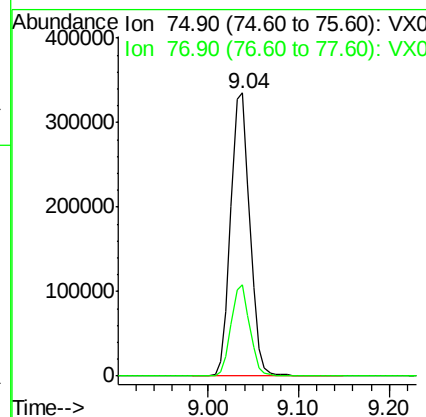
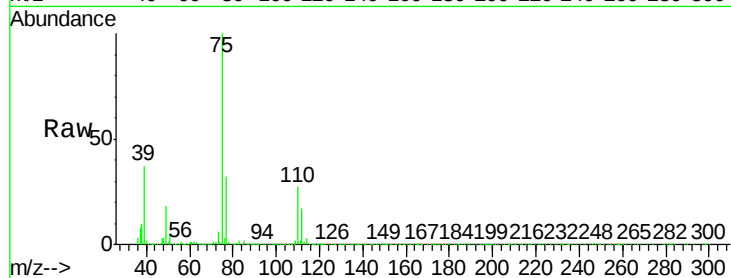
#53
t-1,3-Dichloropropene
Concen: 51.673 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	25.8	38.8

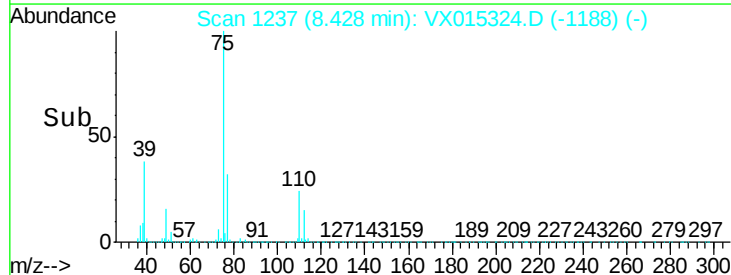
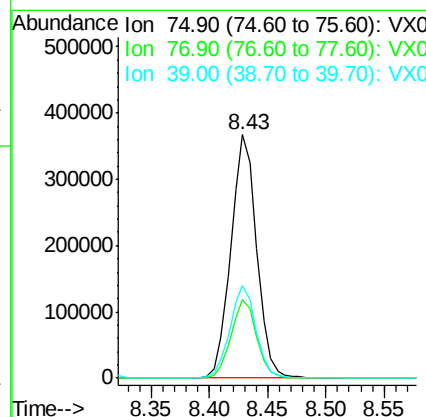
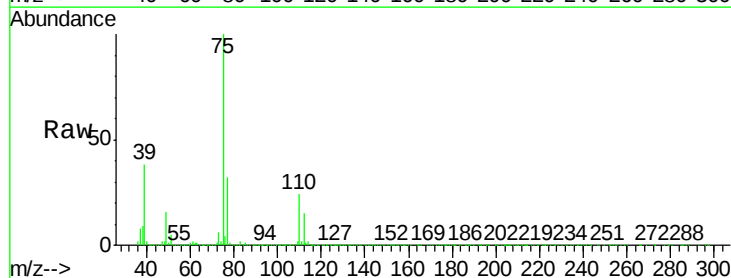
Manual Integrations
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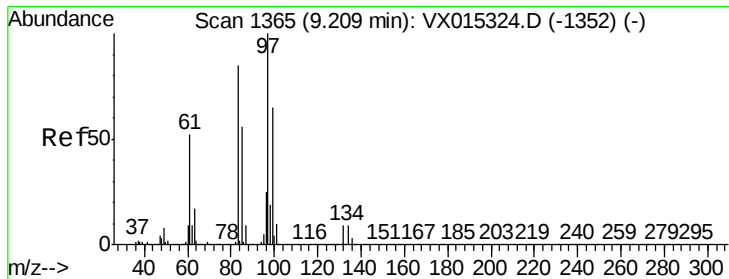
MMDadoda
3/19/2020 12:00:53 PM



#54
cis-1,3-Dichloropropene
Concen: 52.166 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.7	38.5
39	37.7	30.2	45.2





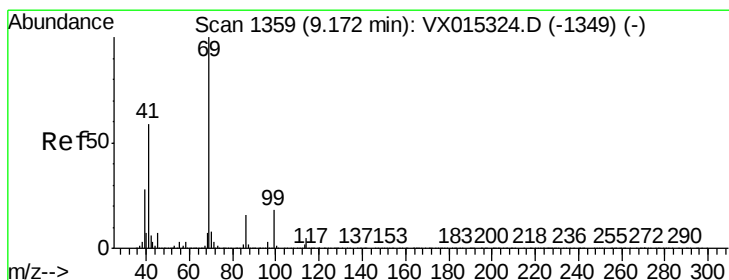
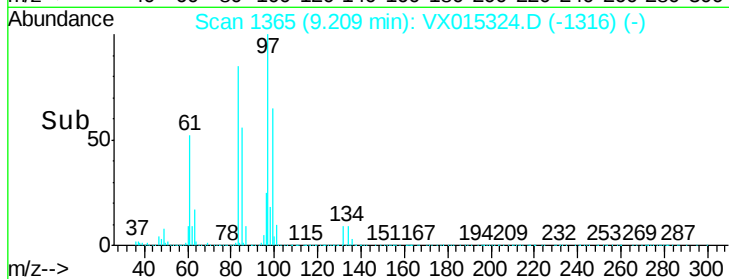
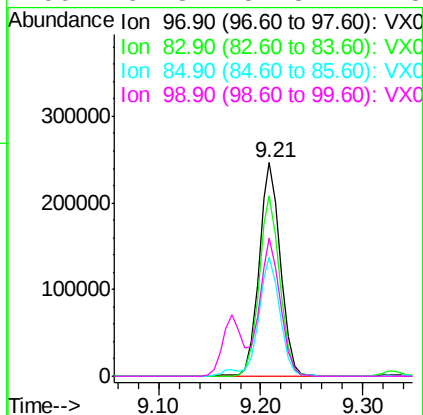
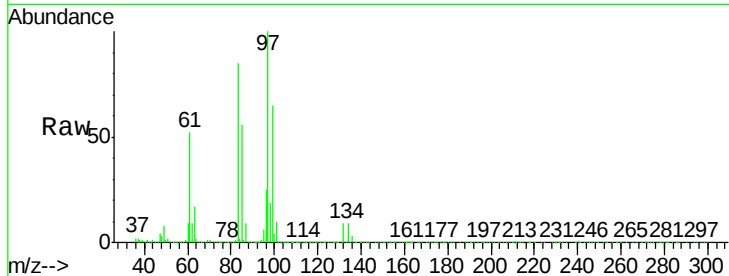
#55
 1,1,2-Trichloroethane
 Concen: 52.784 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX015324.D
 Acq: 18 Mar 2020 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		360911		
83	84.6	67.7	101.5		
85	55.6	44.5	66.7		
99	64.8	51.8	77.8		

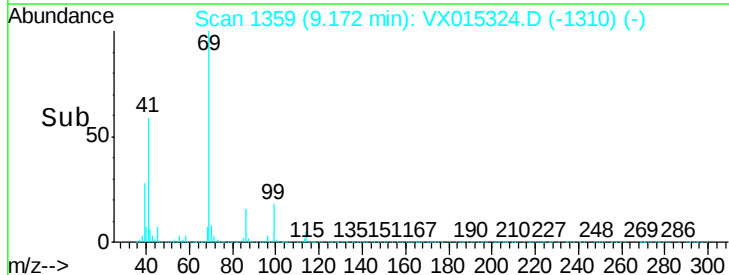
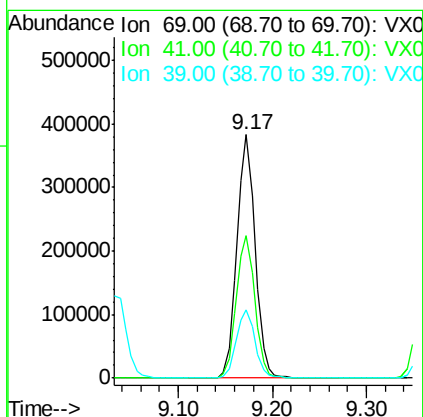
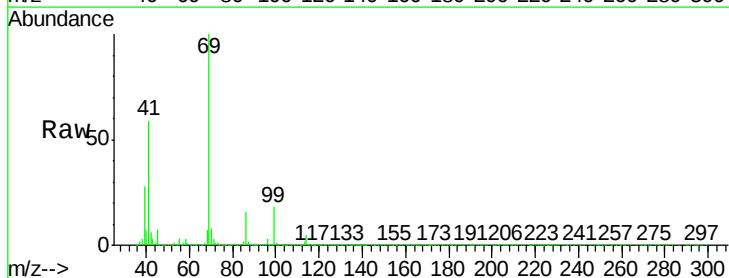
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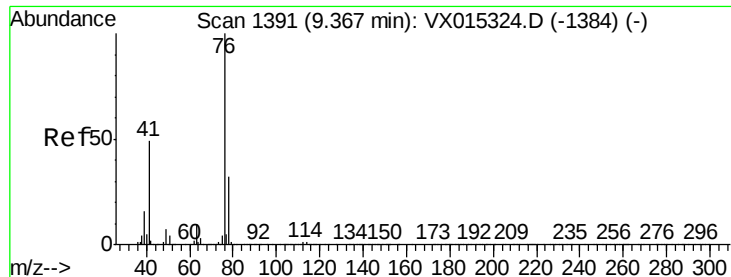
MMDadoda
 3/19/2020 12:00:53 PM



#56
 Ethyl methacrylate
 Concen: 53.283 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX015324.D
 Acq: 18 Mar 2020 13:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		513566		
41	59.4	47.5	71.3		
39	28.7	23.0	34.4		





#57

1,3-Dichloropropane

Concen: 51.663 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 591392

Ion Ratio Lower Upper

76 100

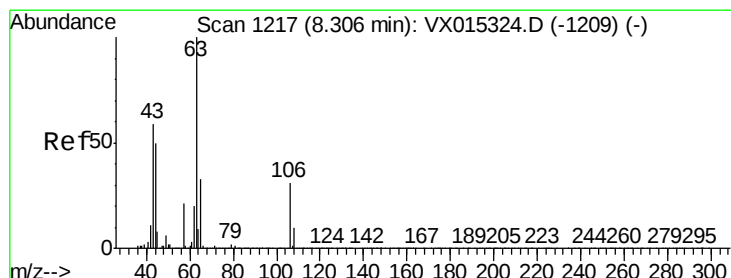
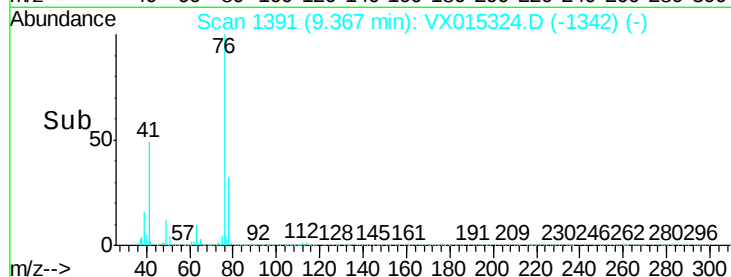
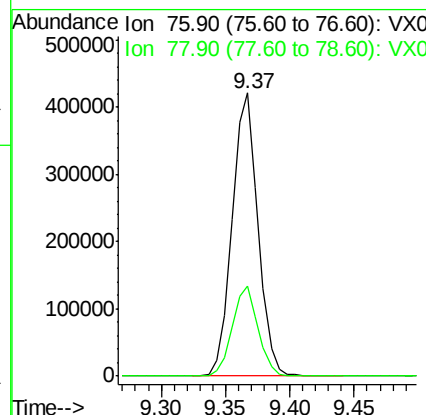
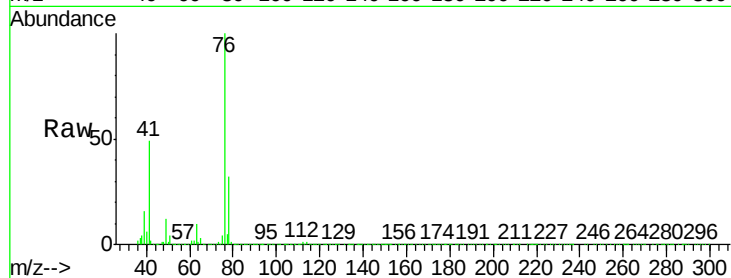
78 31.9 25.5 38.3

Manual Integrations

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3/19/2020 12:00:53 PM



#58

2-Chloroethyl Vinyl ether

Concen: 253.299 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX015324.D

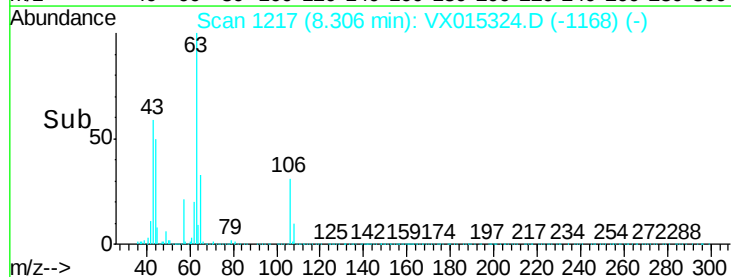
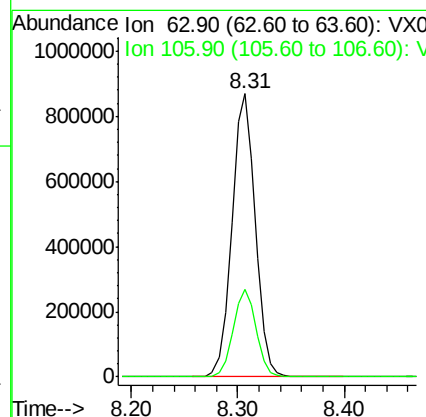
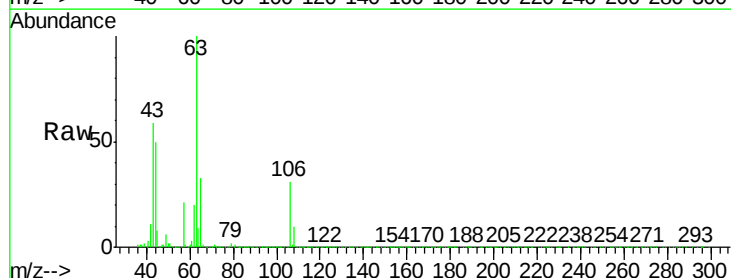
Acq: 18 Mar 2020 13:47

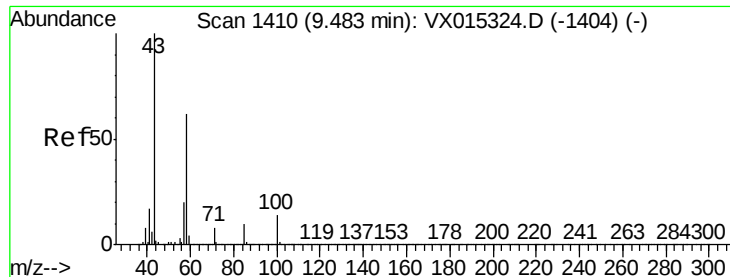
Tgt Ion: 63 Resp: 1326861

Ion Ratio Lower Upper

63 100

106 30.4 24.3 36.5





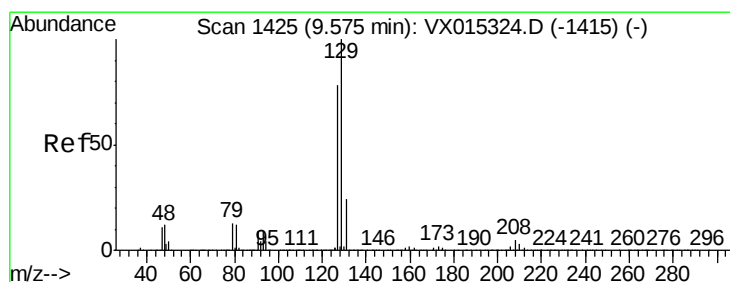
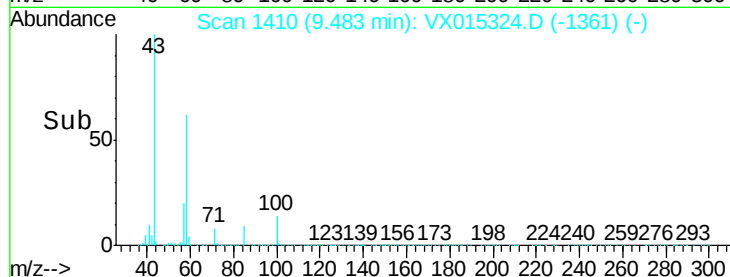
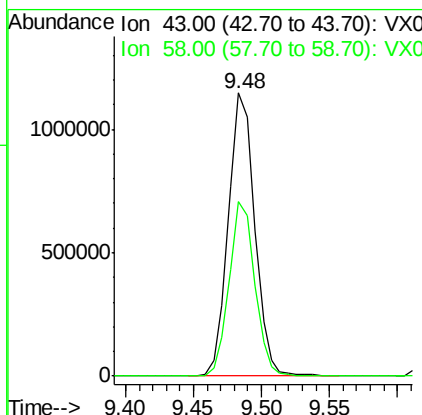
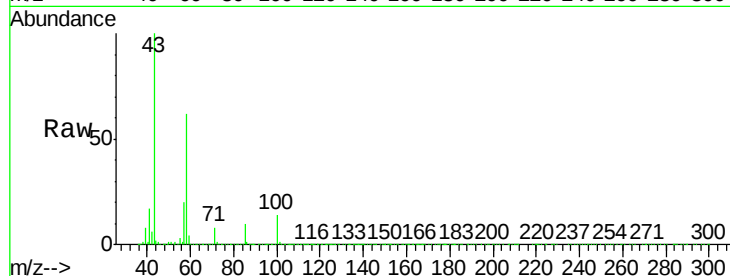
#59
2-Hexanone
Concen: 244.400 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 43 Resp: 1554672
Ion Ratio Lower Upper
43 100
58 60.5 30.3 90.8

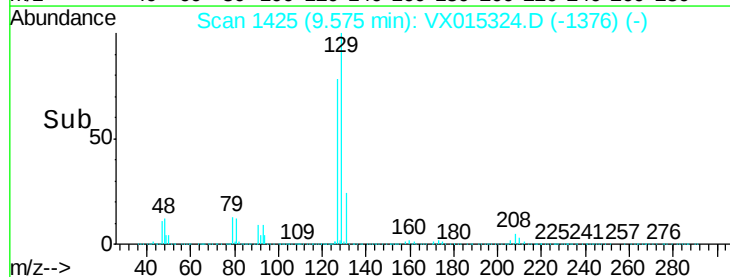
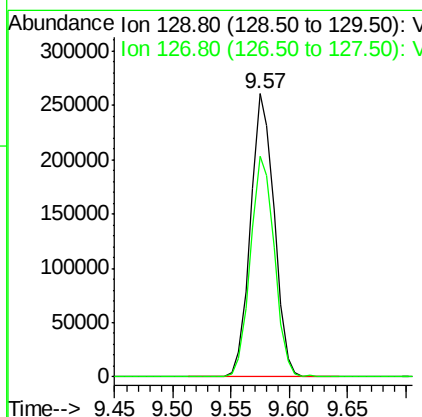
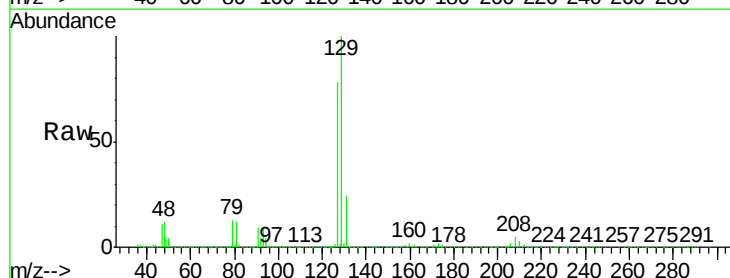
Manual Integrations
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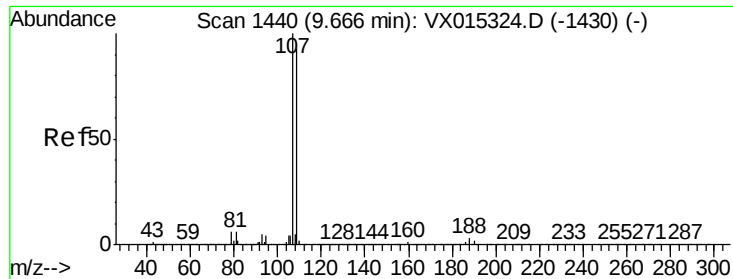
MMDadoda
3/19/2020 12:00:53 PM



#60
Dibromochloromethane
Concen: 51.978 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Tgt Ion: 129 Resp: 370849
Ion Ratio Lower Upper
129 100
127 78.6 39.3 117.9





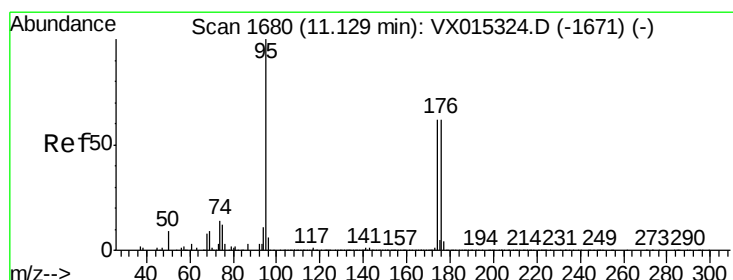
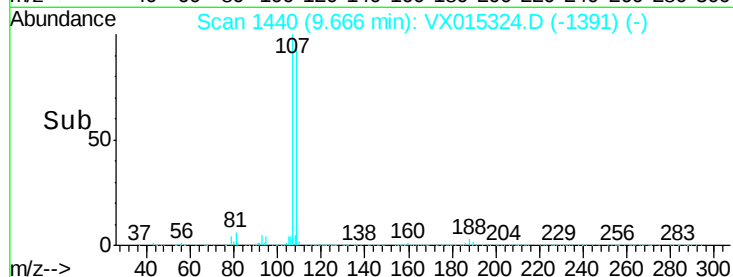
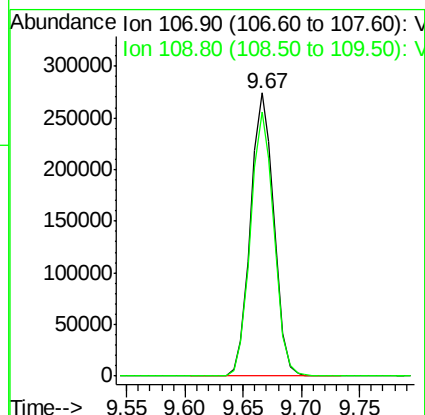
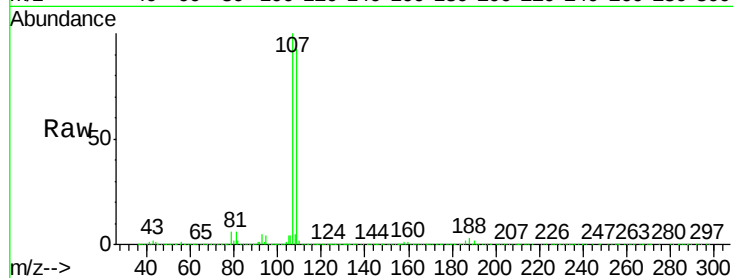
#61
 1,2-Dibromoethane
 Concen: 53.246 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX015324.D
 Acq: 18 Mar 2020 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.9	75.1	112.7

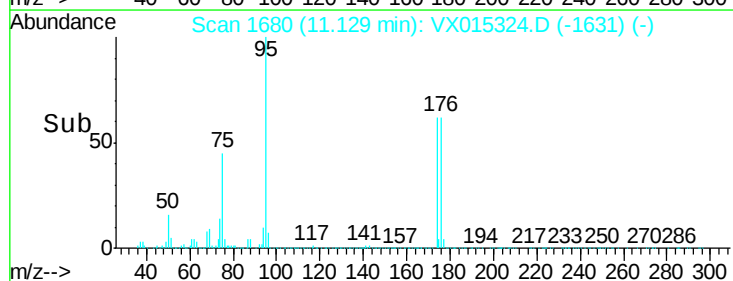
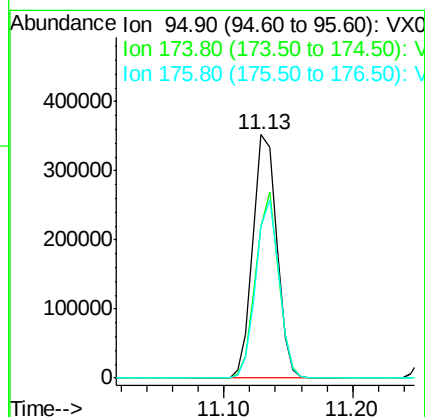
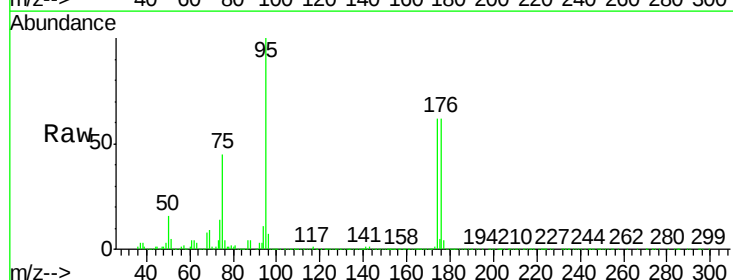
Manual Integrations
 APPROVED

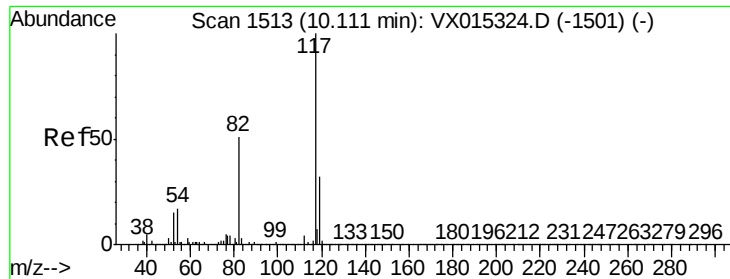
MMDadoda
 3/19/2020 12:00:53 PM



#62
 4-Bromofluorobenzene
 Concen: 52.803 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: VX015324.D
 Acq: 18 Mar 2020 13:47

Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.8	0.0	145.6
176	70.8	0.0	141.6





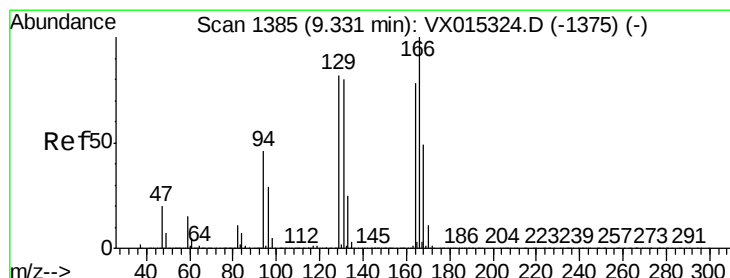
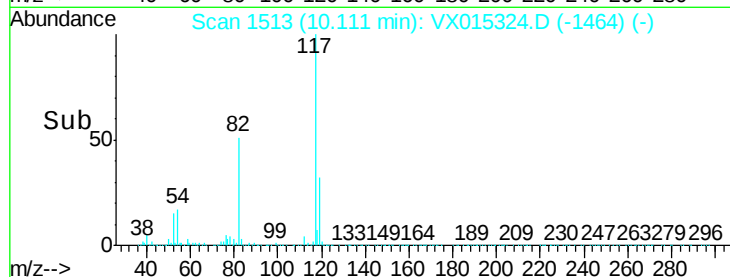
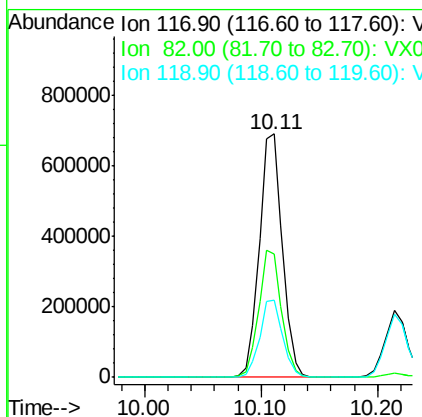
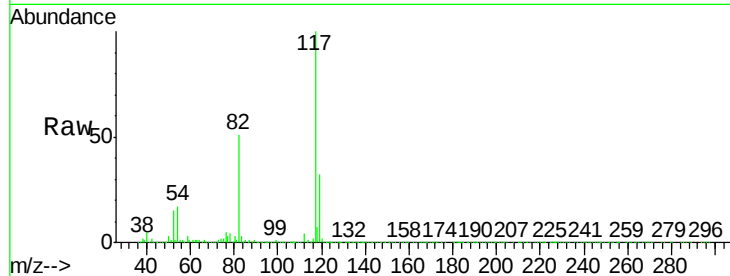
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.7	40.6	60.8
119	31.8	25.4	38.2

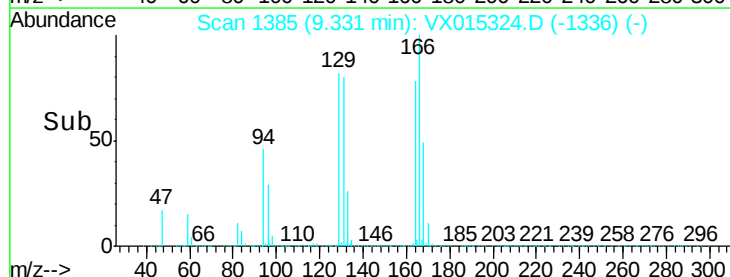
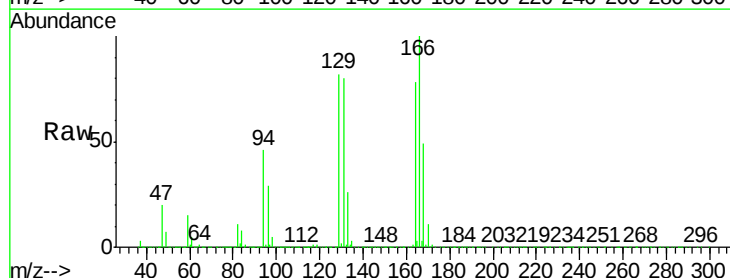
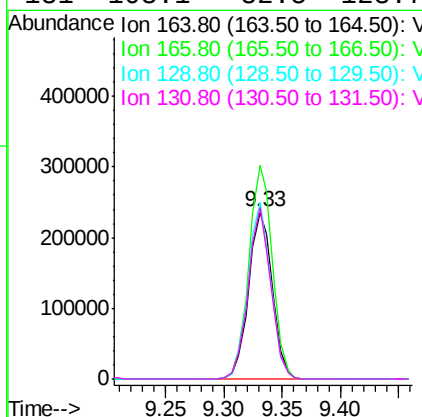
Manual Integrations
APPROVED

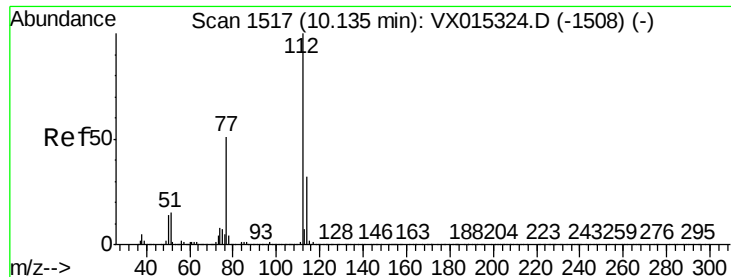
MMDadoda
3/19/2020 12:00:53 PM



#64
Tetrachloroethene
Concen: 43.658 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.2	102.6	153.8
129	105.6	84.5	126.7
131	103.1	82.5	123.7





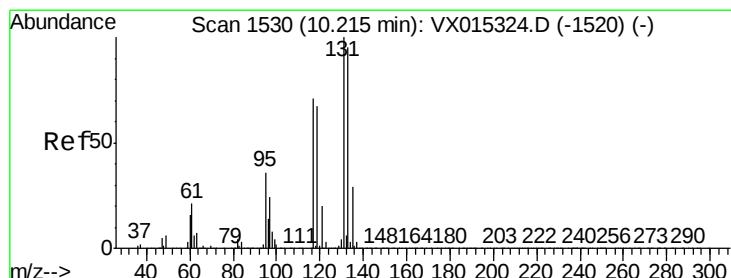
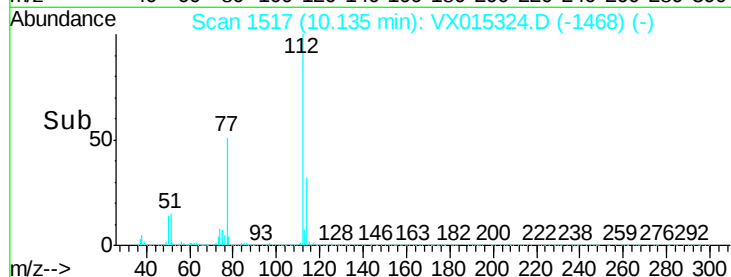
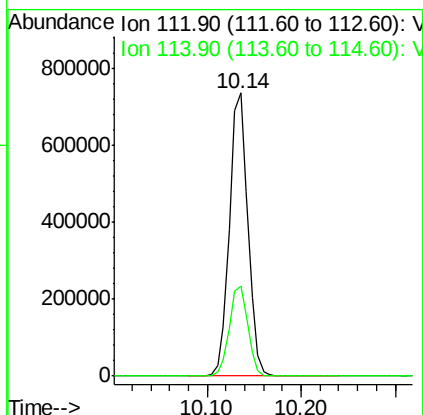
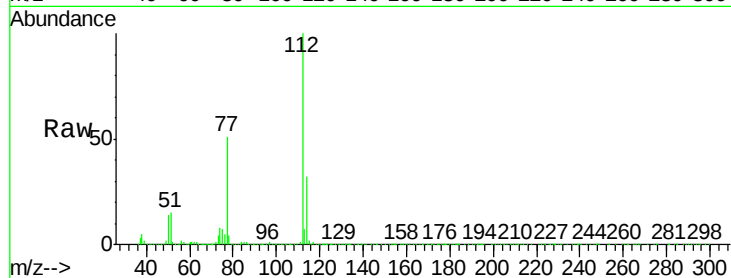
#65
Chlorobenzene
Concen: 51.694 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.0	25.6	38.4

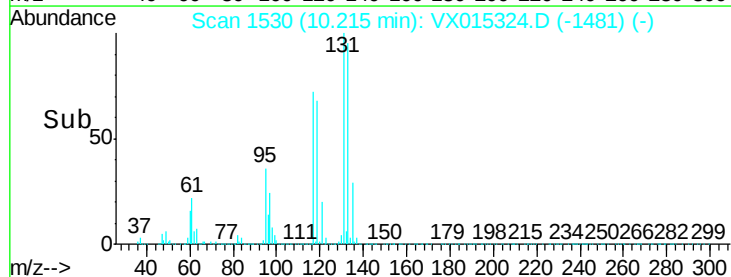
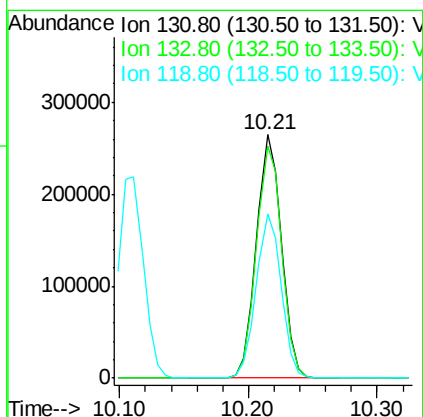
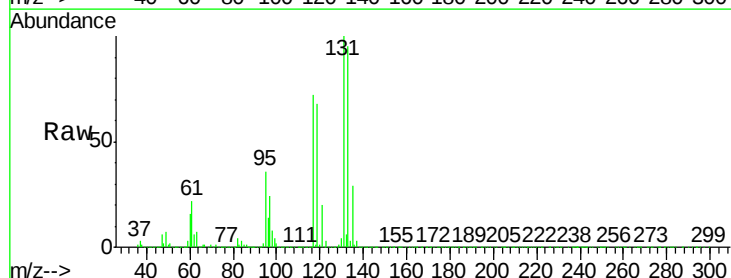
Manual Integrations
APPROVED

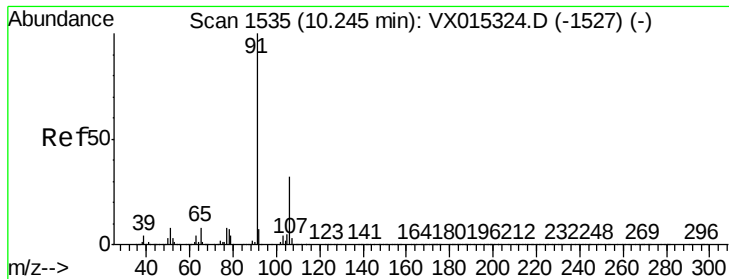
MMDadoda
3/19/2020 12:00:53 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.042 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.3	48.1	144.4
119	67.5	33.8	101.3





#67

Ethyl Benzene

Concen: 52.991 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 1727548

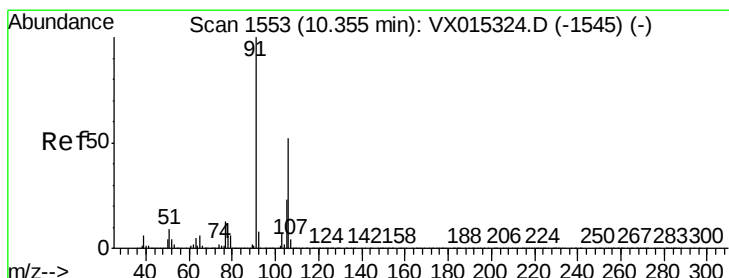
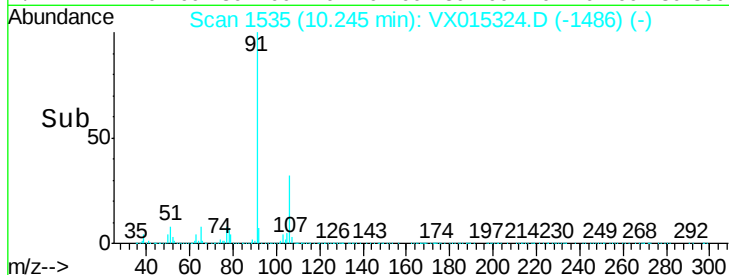
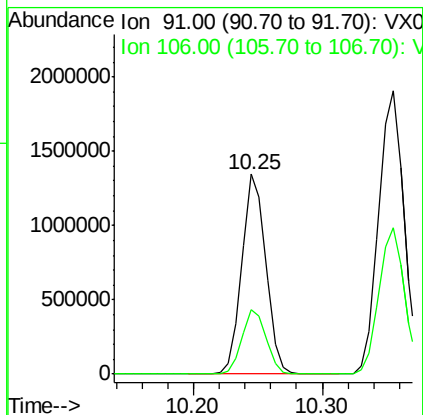
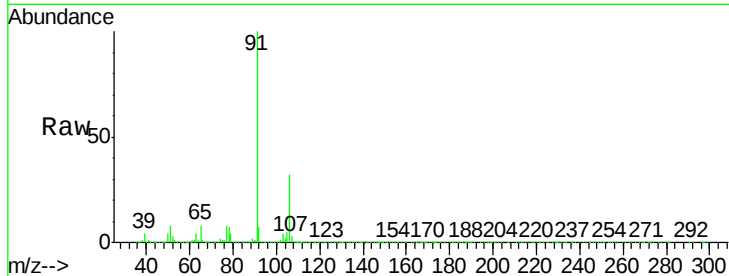
Ion Ratio Lower Upper

91 100

106 32.2 25.8 38.6

Manual Integrations
APPROVED

MMDadoda
3/19/2020 12:00:53 PM



#68

m/p-Xylenes

Concen: 107.881 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX015324.D

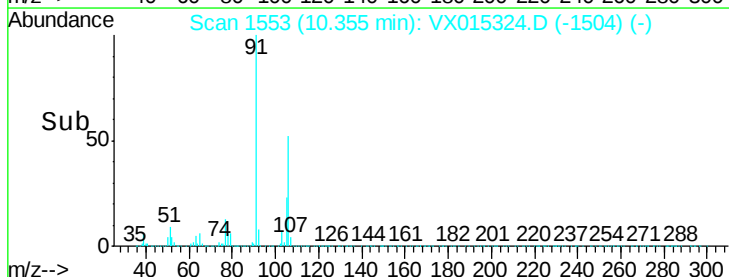
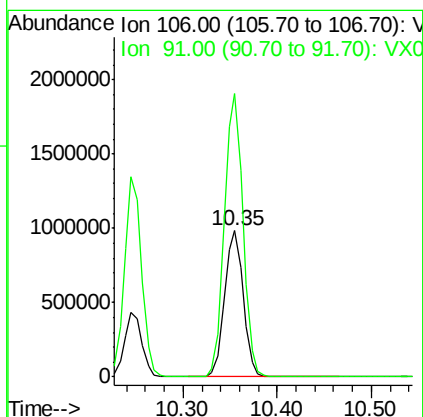
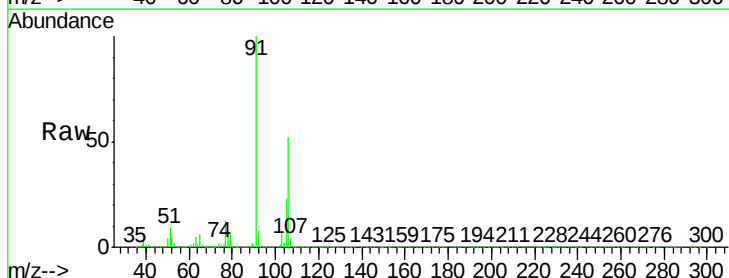
Acq: 18 Mar 2020 13:47

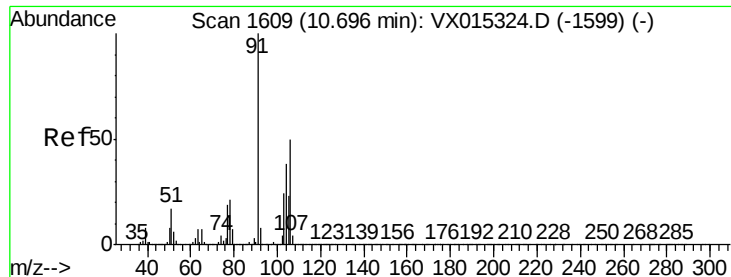
Tgt Ion: 106 Resp: 1341218

Ion Ratio Lower Upper

106 100

91 193.9 155.1 232.7





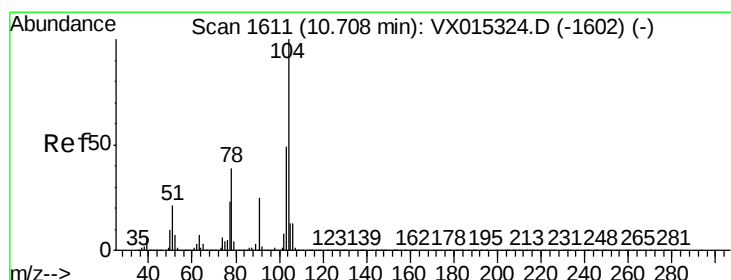
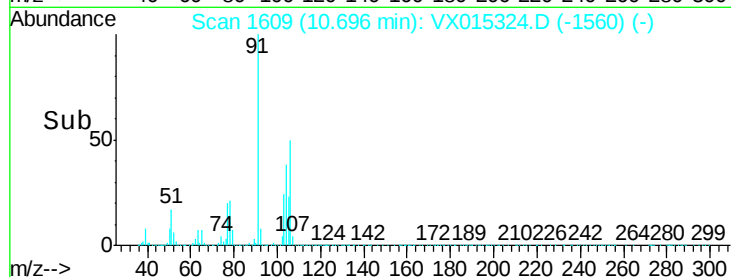
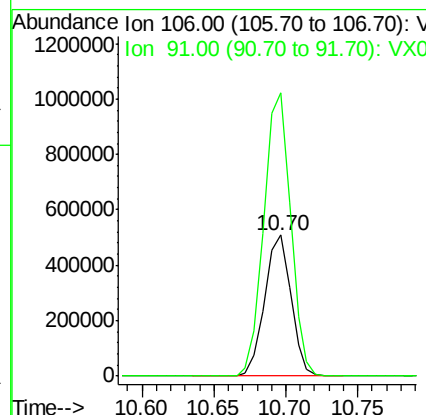
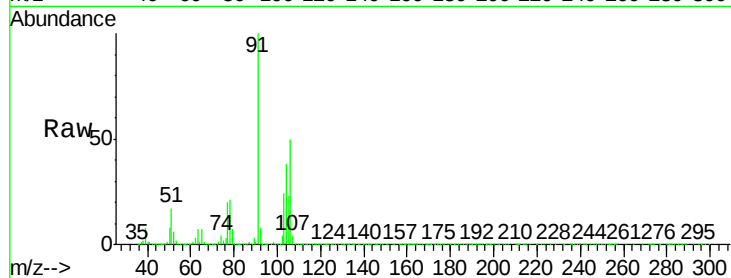
#69
o-Xylene
Concen: 53.842 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	204.6	102.3	306.9

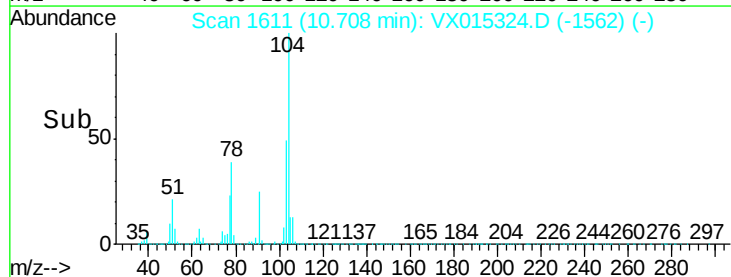
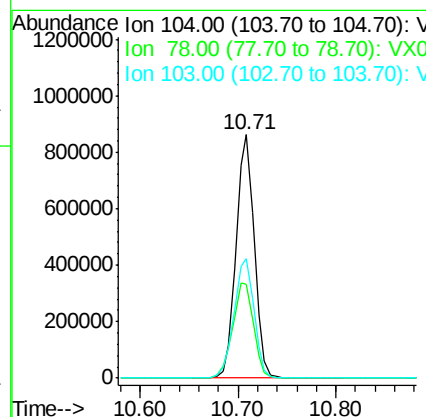
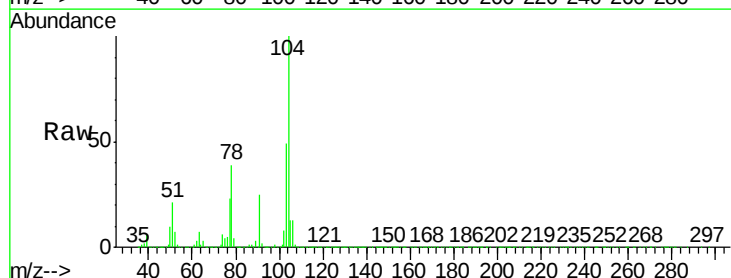
Manual Integrations
APPROVED

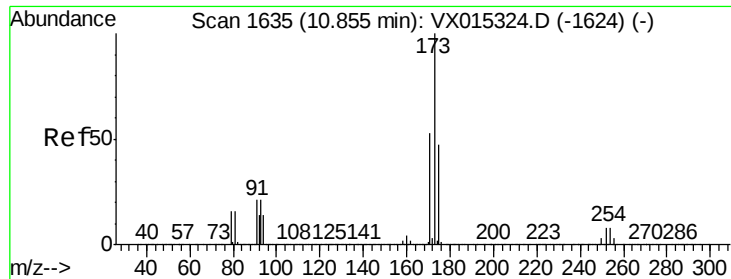
MMDadoda
3/19/2020 12:00:53 PM



#70
Styrene
Concen: 54.425 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Tgt Ion	Ratio	Lower	Upper
104	100		
78	45.0	36.0	54.0
103	54.2	43.4	65.0





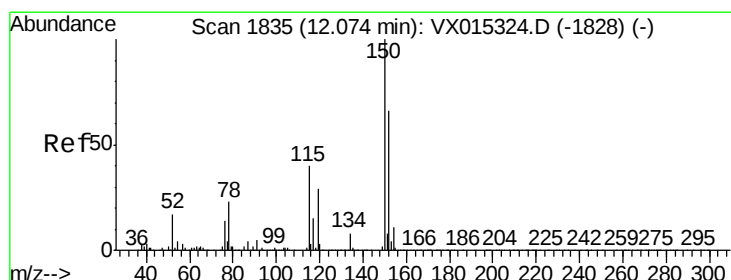
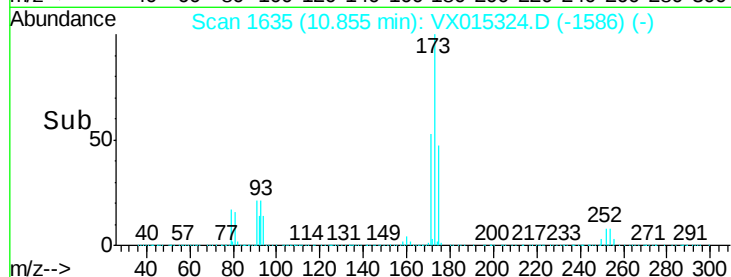
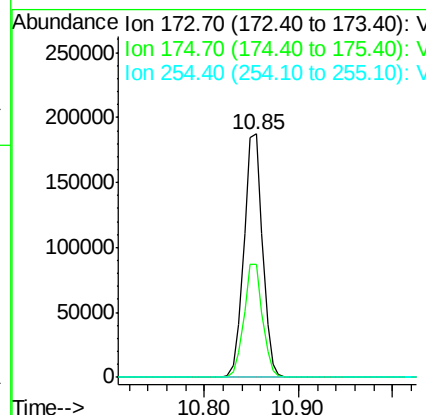
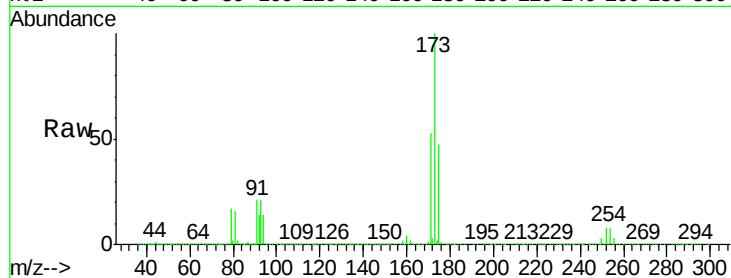
#71
Bromoform
Concen: 46.981 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.8	23.4	70.2
254	0.2	0.2	0.2

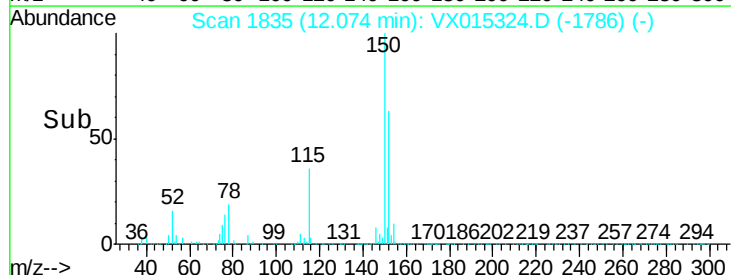
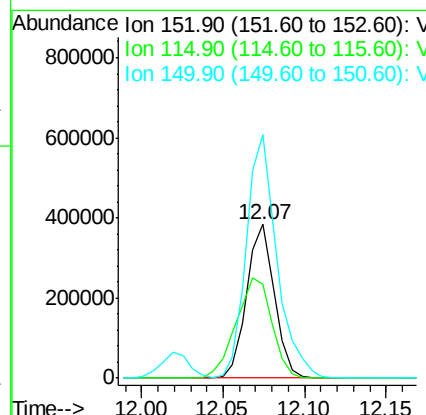
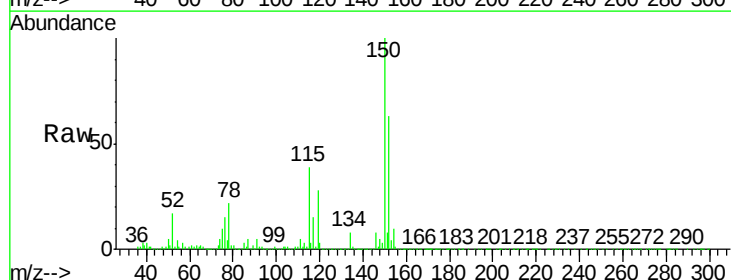
Manual Integrations
APPROVED

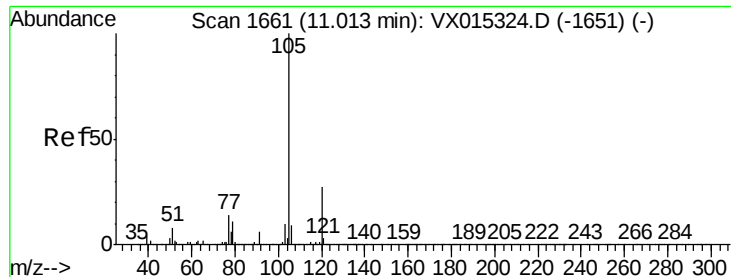
MMDadoda
3/19/2020 12:00:53 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	83.9	41.9	125.8
150	173.8	0.0	347.6





#73

Isopropylbenzene

Concen: 57.179 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 1697658

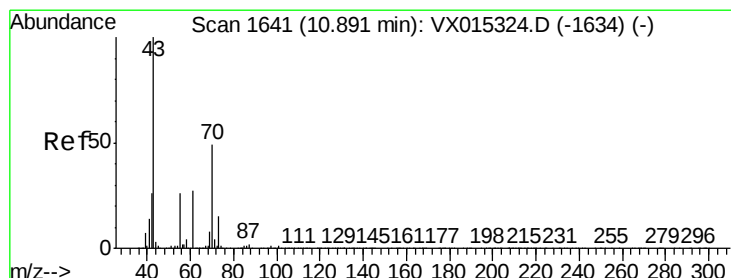
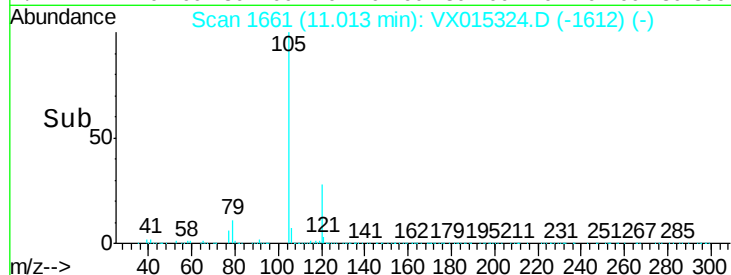
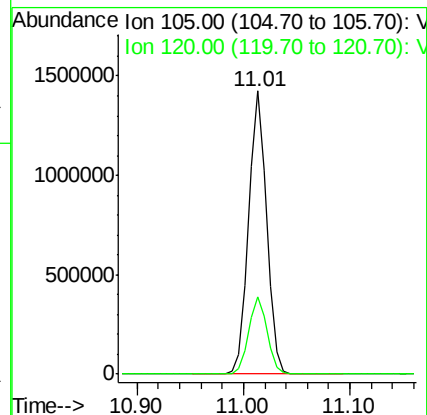
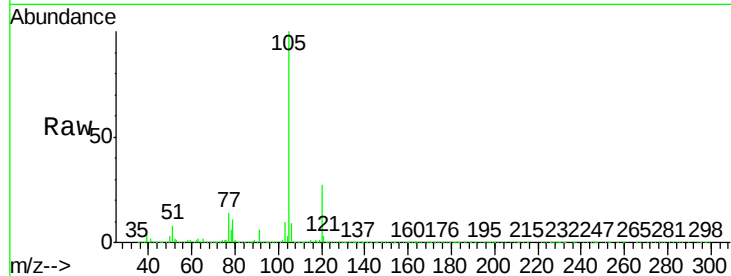
Ion Ratio Lower Upper

105 100

120 27.7 13.9 41.6

Manual Integrations
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3/19/2020 12:00:53 PM



#74

N-ethyl acetate

Concen: 49.441 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Tgt Ion: 43 Resp: 599057

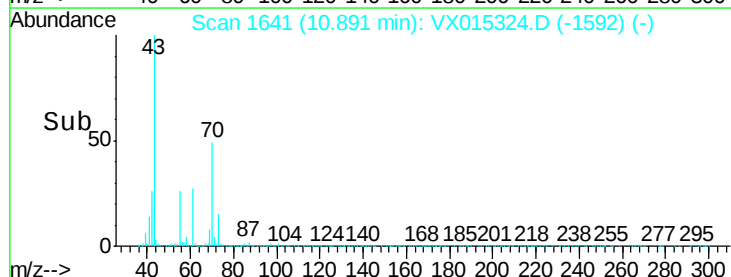
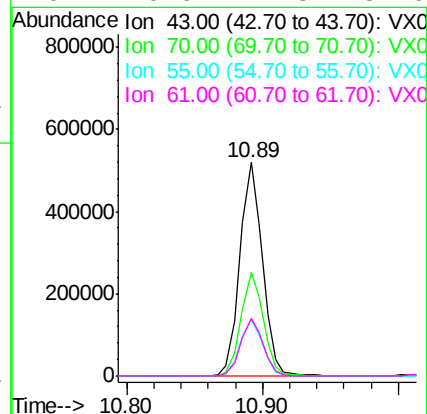
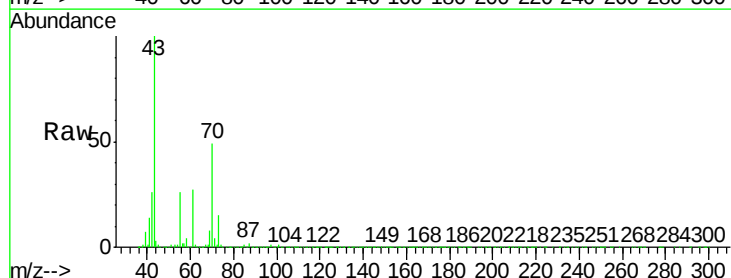
Ion Ratio Lower Upper

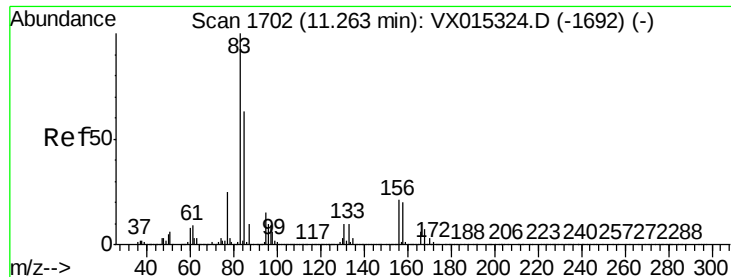
43 100

70 48.3 38.6 58.0

55 26.5 21.2 31.8

61 26.6 21.3 31.9





#75

1,1,2,2-Tetrachloroethane

Concen: 52.691 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

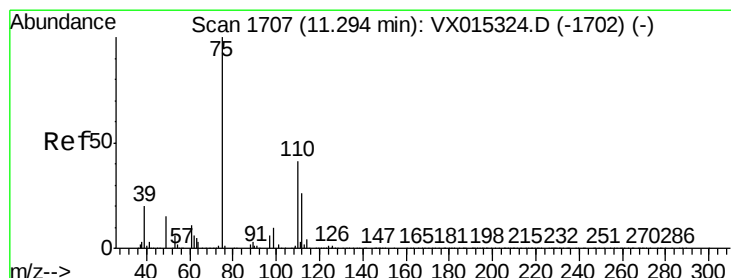
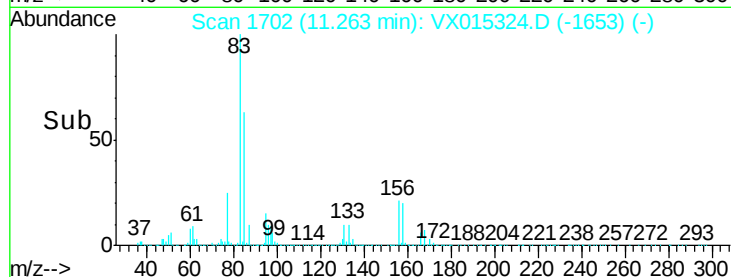
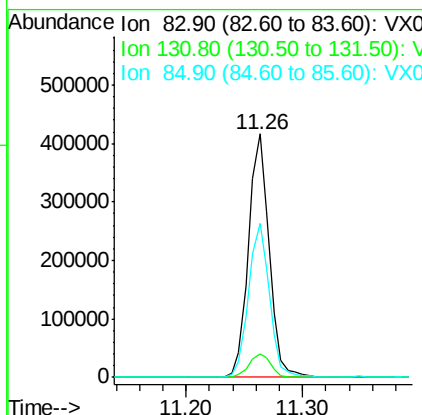
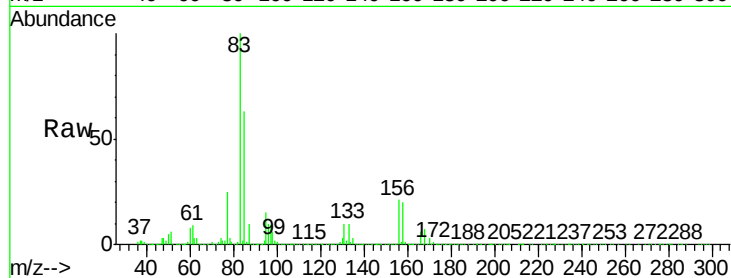
ClientSampled :

VSTDICCC050

Tot Ion:	83	Resp:	519133
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.1	15.2
85	64.0	32.0	96.0

Manual Integrations
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3/19/2020 12:00:53 PM



#76

1,2,3-Trichloropropane

Concen: 46.030 ug/l m

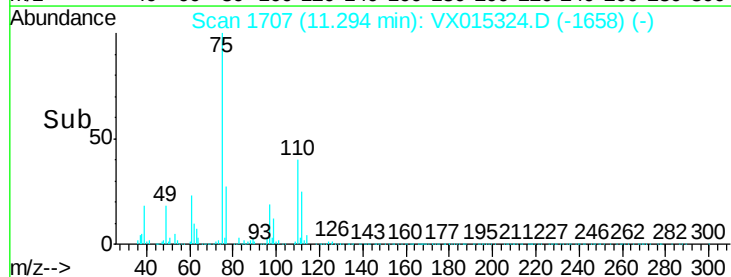
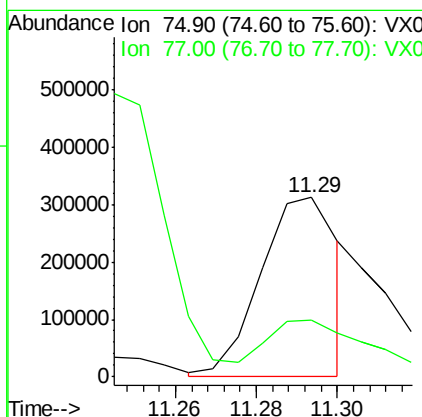
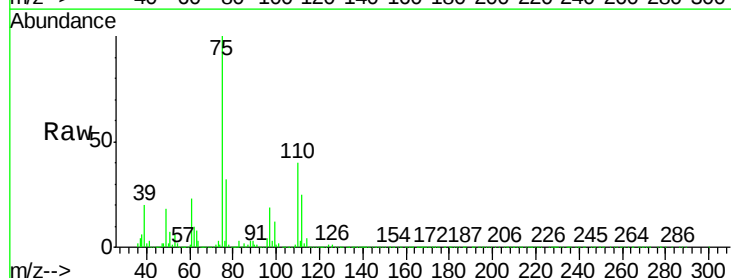
RT: 11.29 min Scan# 1707

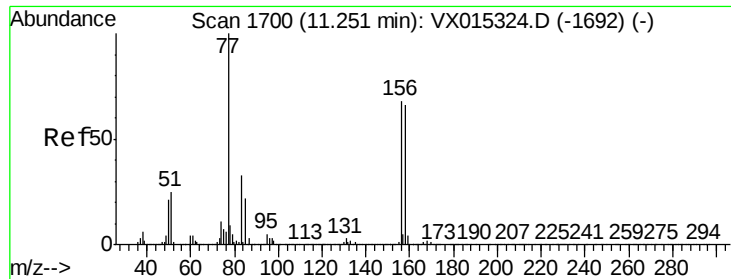
Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Tgt Ion:	75	Resp:	411279
Ion Ratio	Lower	Upper	
75	100		
77	42.4	21.2	63.6





#77

Bromobenzene

Concen: 49.442 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

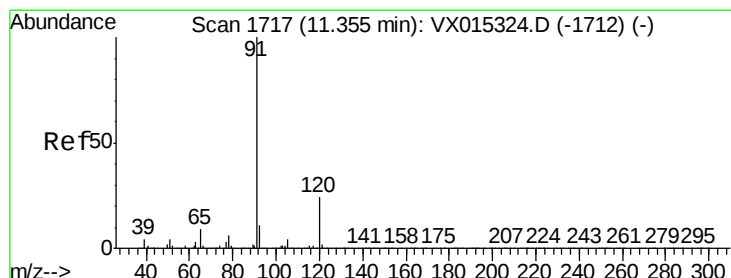
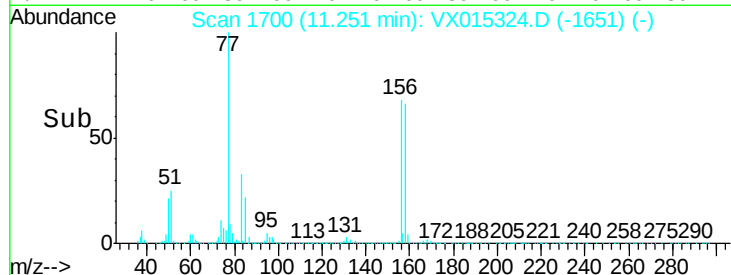
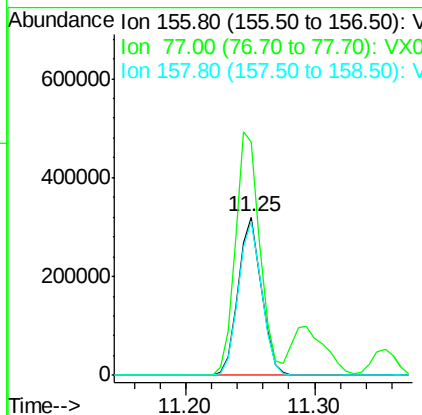
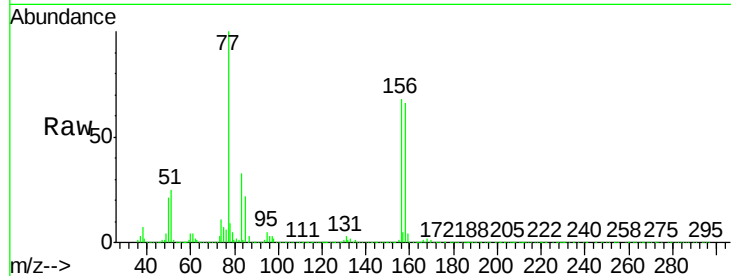
ClientSampleId :

VSTDICCC050

Tot Ion:	156	Resp:	402493
Ion Ratio	Lower	Upper	
156	100		
77	162.8	81.4	244.2
158	97.3	48.6	145.9

Manual Integrations
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#78

n-propylbenzene

Concen: 55.482 ug/l

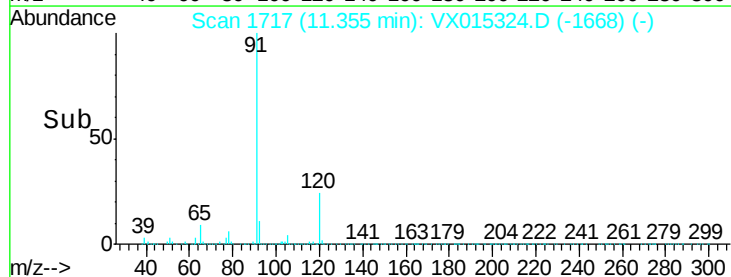
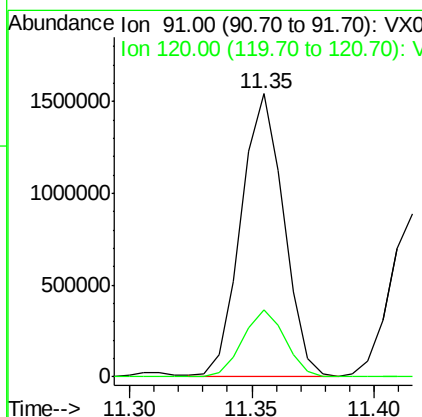
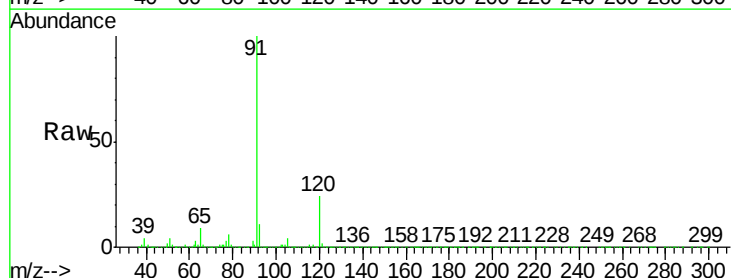
RT: 11.35 min Scan# 1717

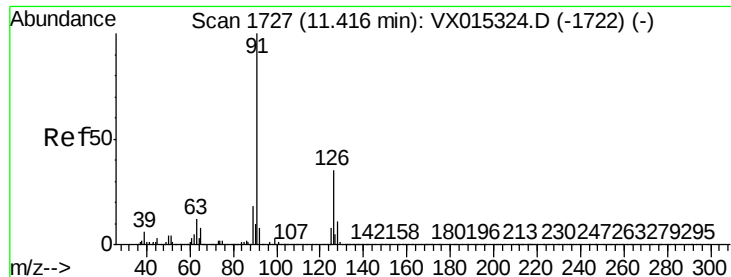
Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Tgt Ion:	91	Resp:	1867904
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.8	35.3





#79

2-Chlorotoluene

Concen: 54.300 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 1095265

Ion Ratio Lower Upper

91 100

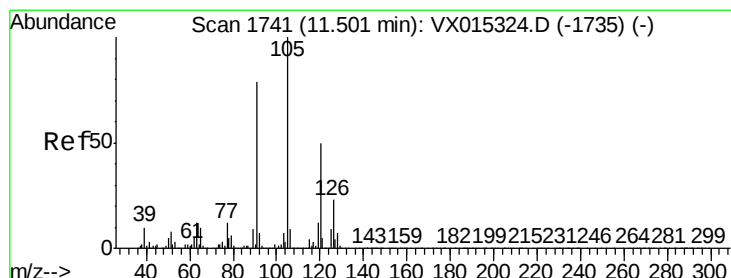
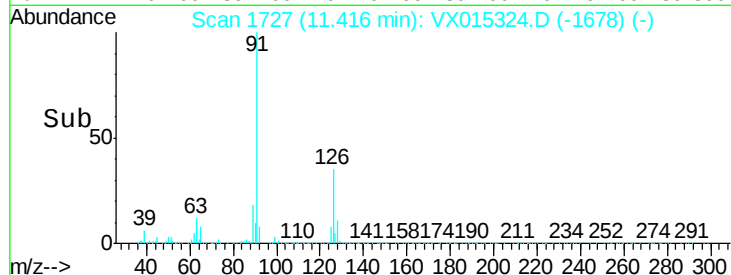
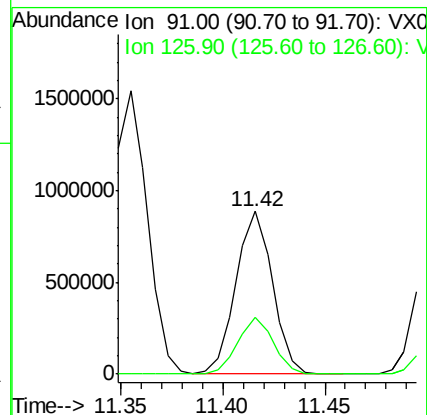
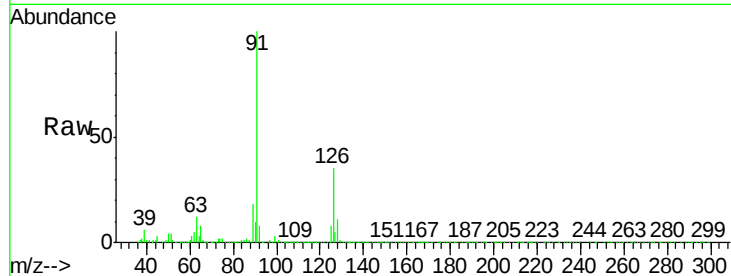
126 34.4 17.2 51.6

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 55.436 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX015324.D

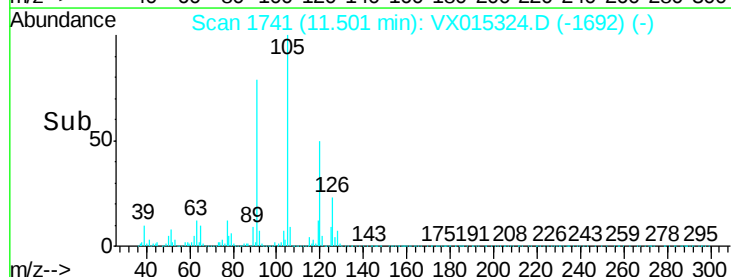
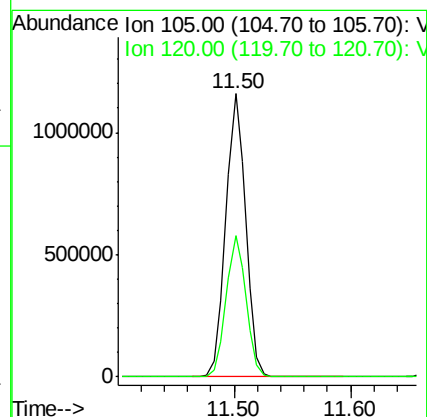
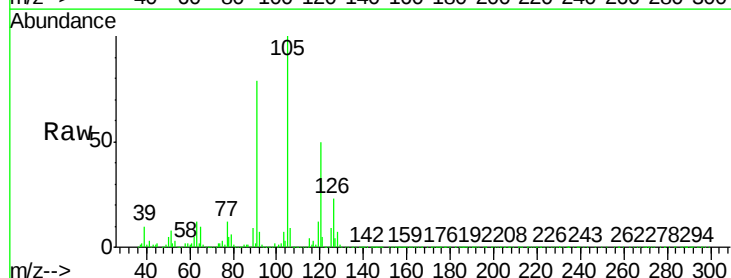
Acq: 18 Mar 2020 13:47

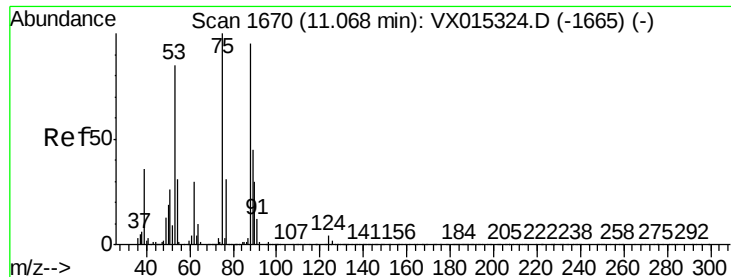
Tgt Ion: 105 Resp: 1362227

Ion Ratio Lower Upper

105 100

120 49.7 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 54.496 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

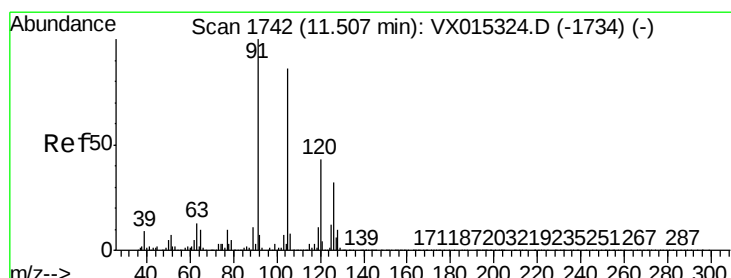
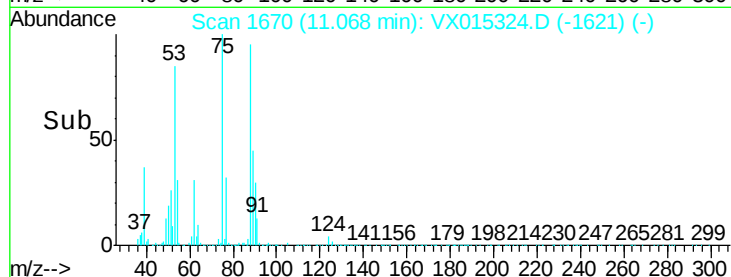
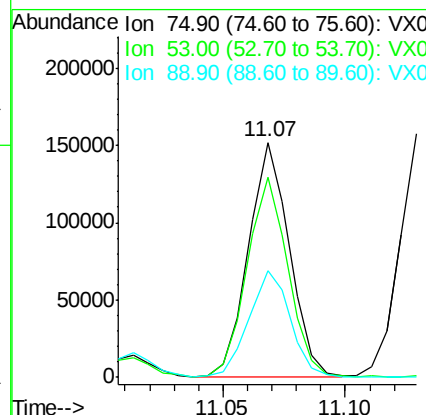
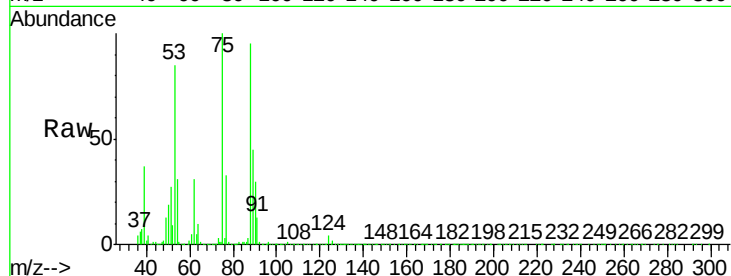
ClientSampleId :

VSTDICCC050

Tot Ion:	75	Resp:	177477
Ion Ratio	Lower	Upper	
75	100		
53	85.0	68.0	102.0
89	46.4	37.1	55.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 54.011 ug/l

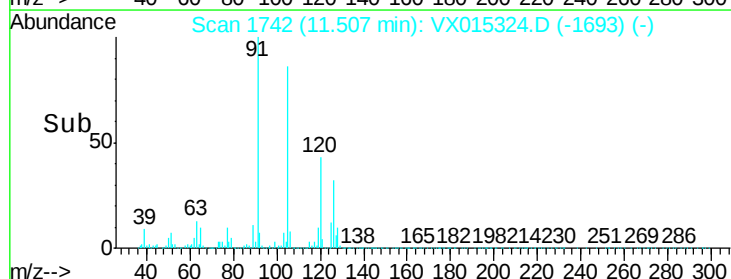
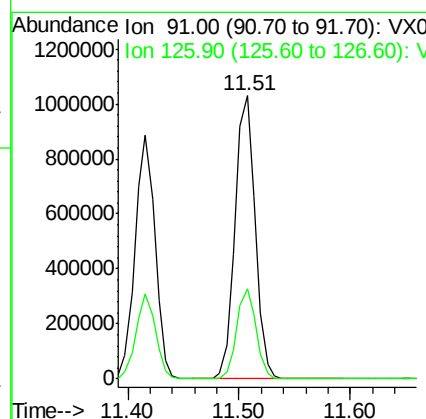
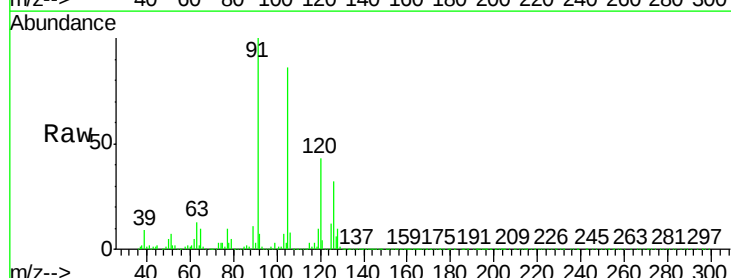
RT: 11.51 min Scan# 1742

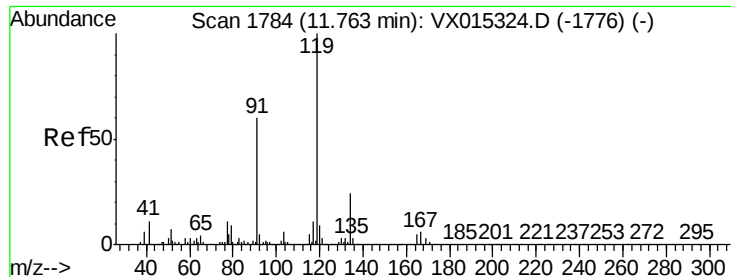
Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Tgt Ion:	91	Resp:	1285821
Ion Ratio	Lower	Upper	
91	100		
126	30.8	15.4	46.2





#83

tert-Butylbenzene

Concen: 55.504 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

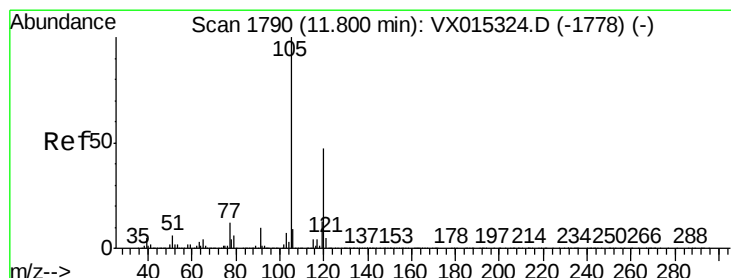
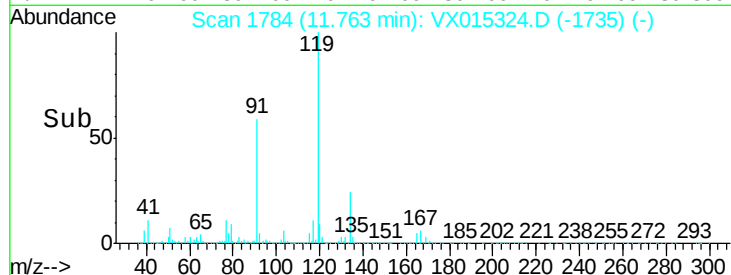
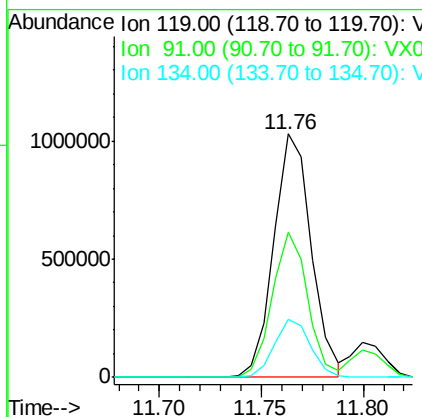
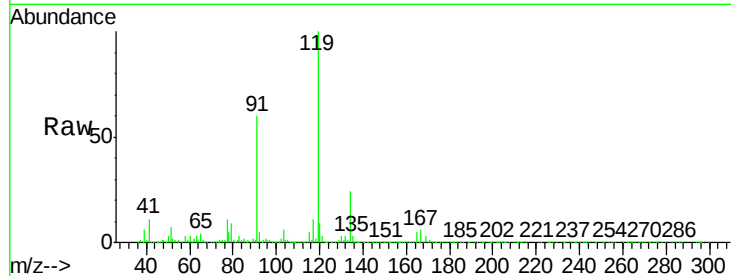
ClientSampleId :

VSTDICCC050

Tot Ion:	119	Resp:	1321894
Ion	Ratio	Lower	Upper
119	100		
91	56.3	28.1	84.4
134	23.2	11.6	34.8

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 57.521 ug/l

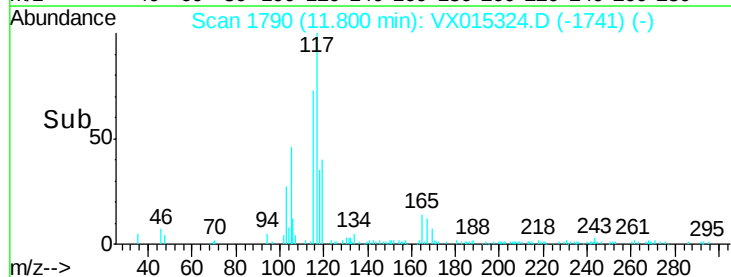
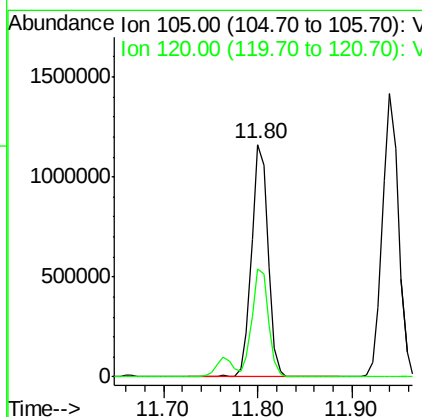
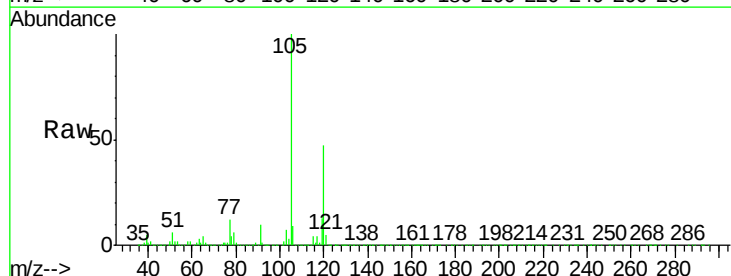
RT: 11.80 min Scan# 1790

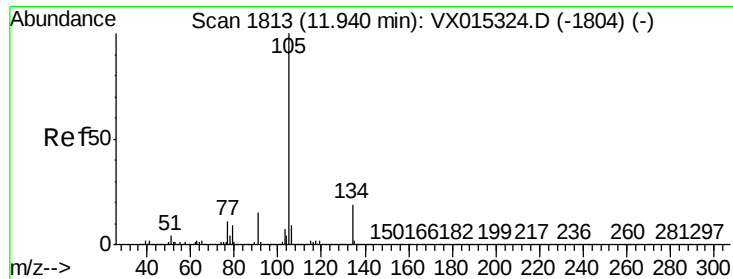
Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Tgt Ion:	105	Resp:	1432122
Ion	Ratio	Lower	Upper
105	100		
120	46.1	23.1	69.2





#85

sec-Butylbenzene

Concen: 58.132 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 1685333

Ion Ratio Lower Upper

105 100

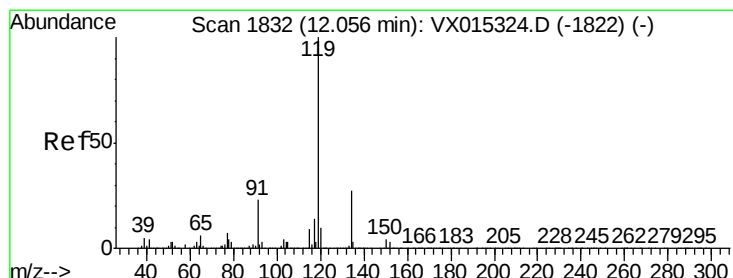
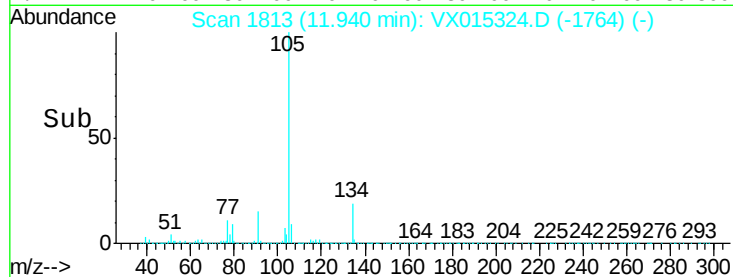
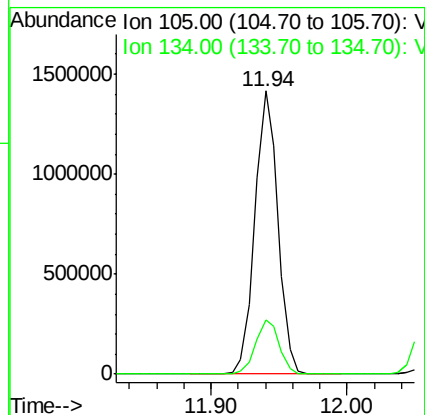
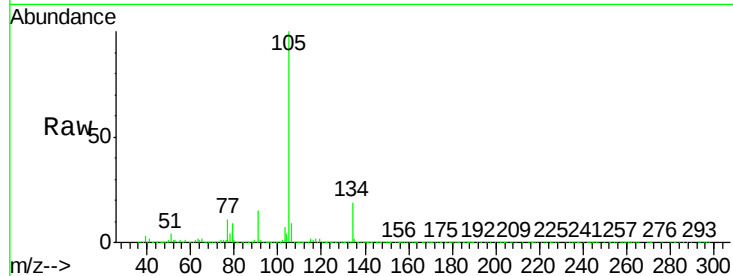
134 19.7 9.8 29.5

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#86

p-Isopropyltoluene

Concen: 57.347 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

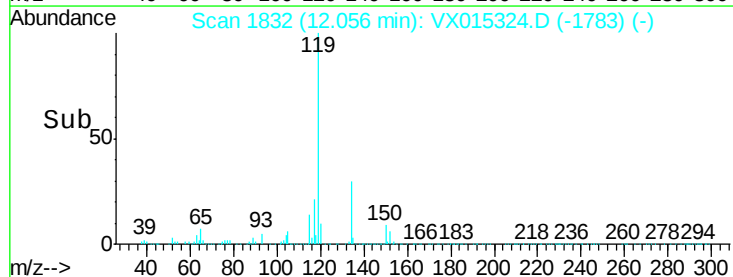
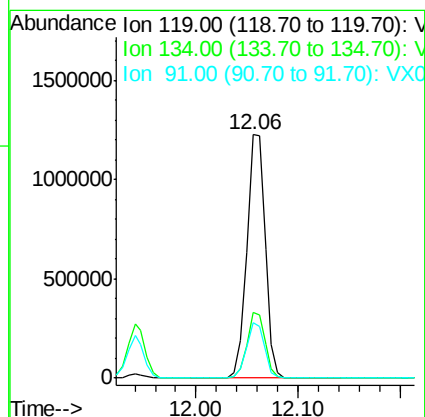
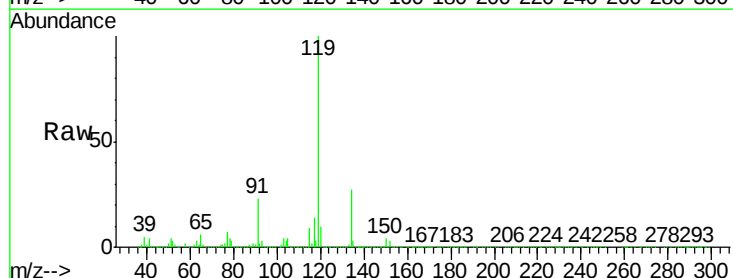
Tgt Ion:119 Resp: 1522679

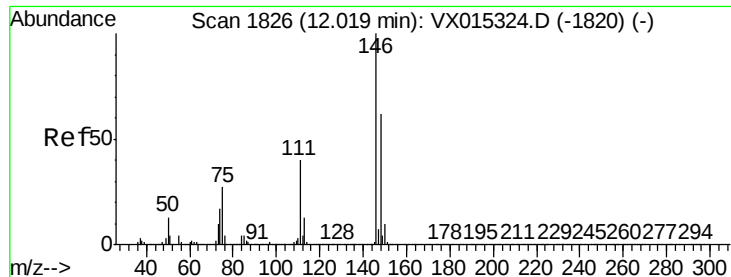
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.6

91 22.0 11.0 33.0





#87

1,3-Dichlorobenzene

Concen: 52.778 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

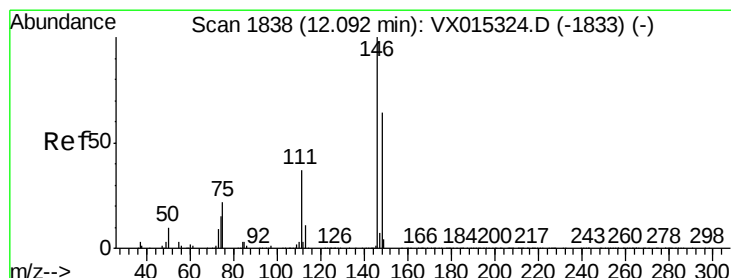
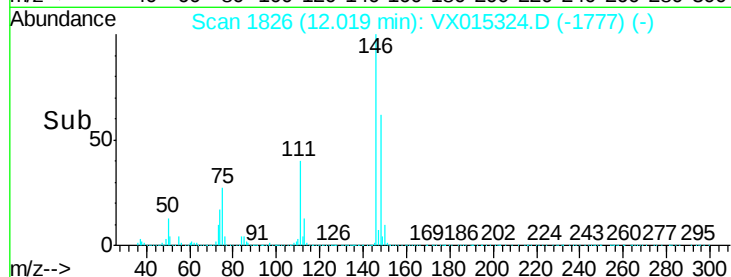
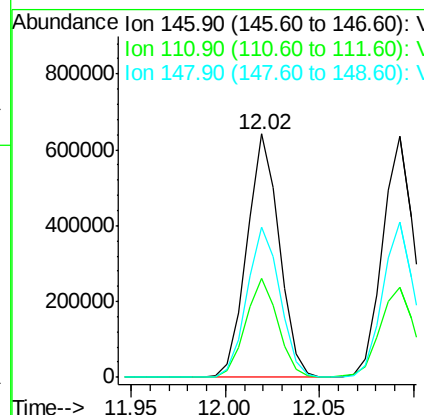
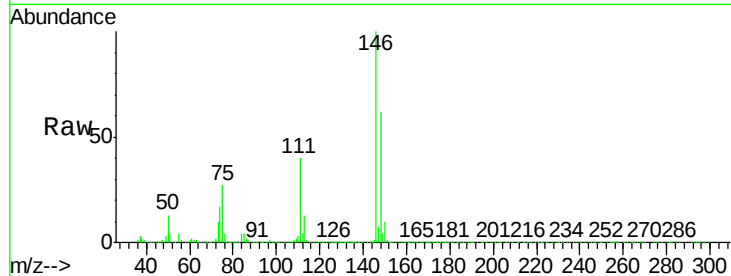
Instrument :
MSVOA_X

ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.7	20.3	61.0
148	62.9	31.4	94.3

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#88

1,4-Dichlorobenzene

Concen: 50.509 ug/l

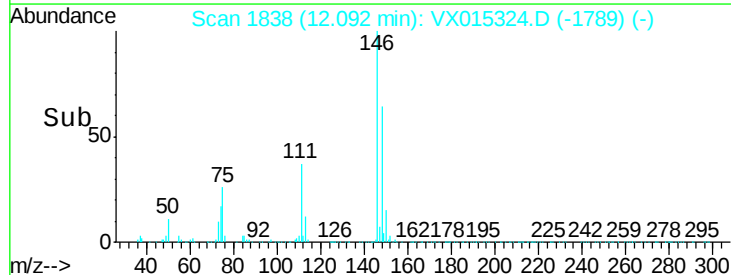
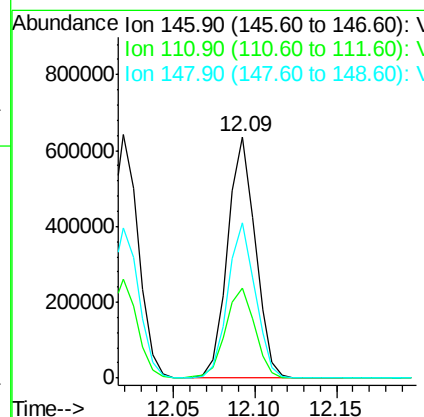
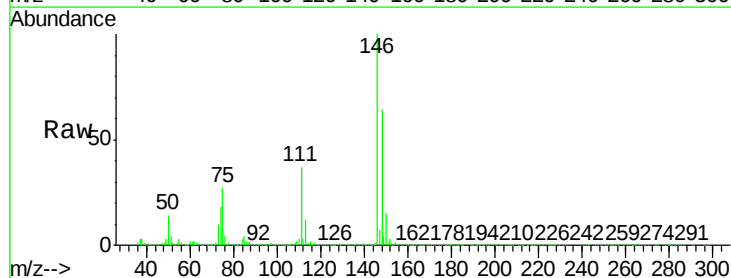
RT: 12.09 min Scan# 1838

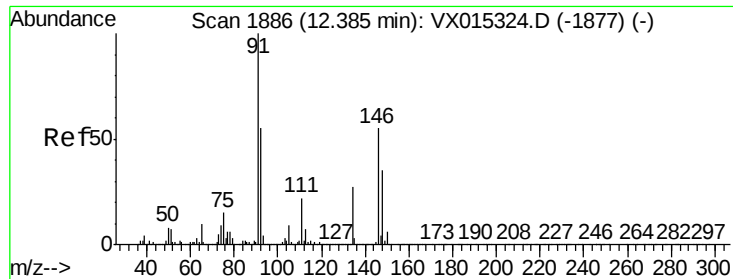
Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.7	59.1
148	64.0	32.0	96.0





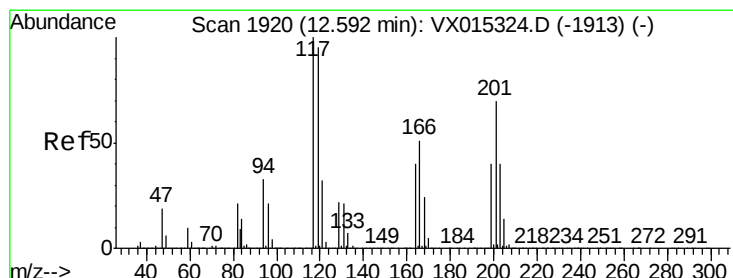
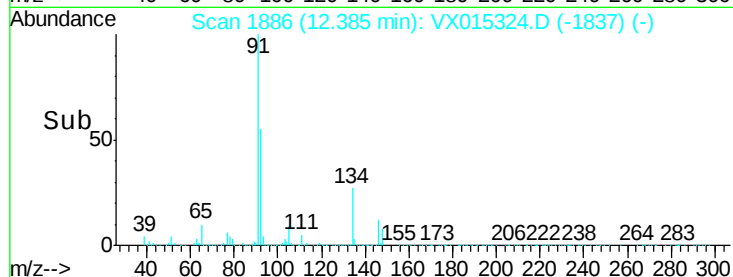
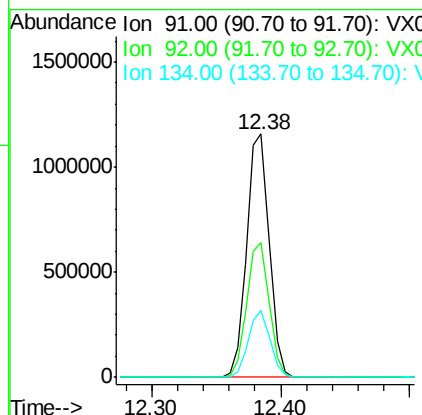
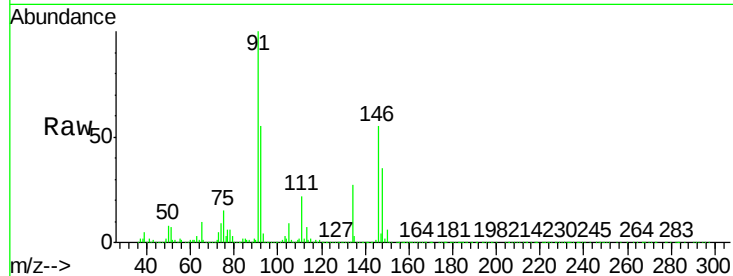
#89
n-Butylbenzene
Concen: 58.478 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	27.5	82.4
134	26.4	13.2	39.6

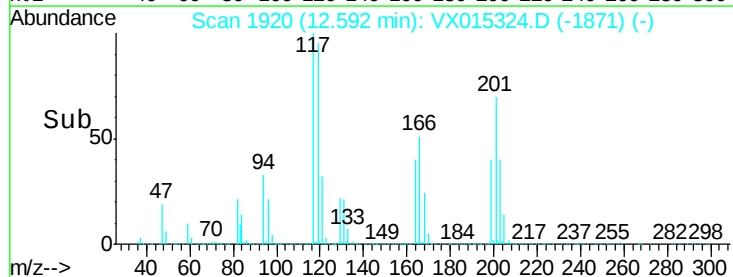
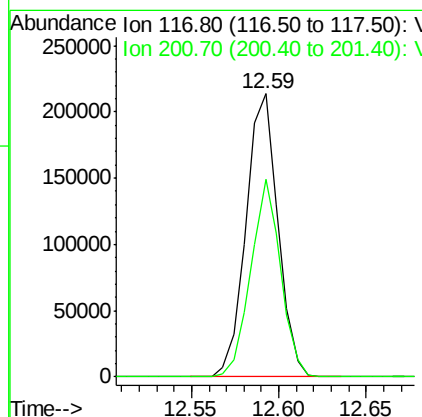
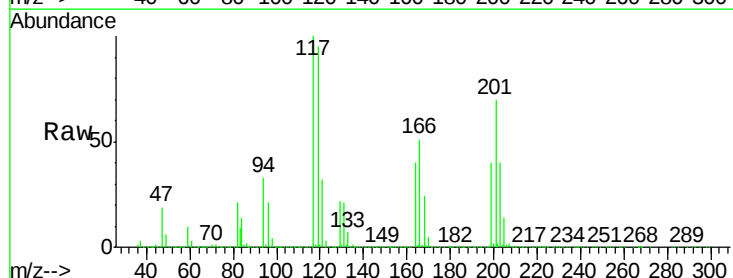
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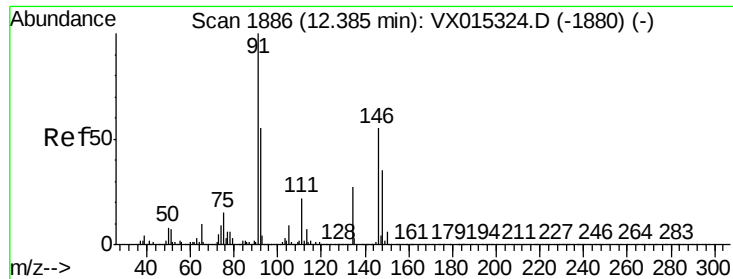
MMDadoda
3/19/2020 12:00:53 PM



#90
Hexachloroethane
Concen: 53.947 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX015324.D
Acq: 18 Mar 2020 13:47

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.4	32.7	98.1





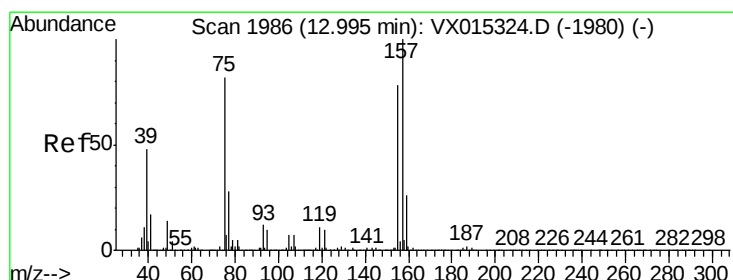
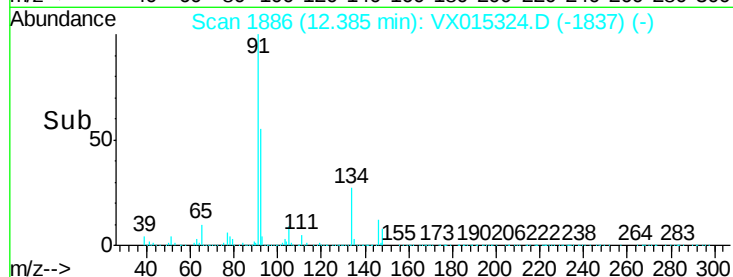
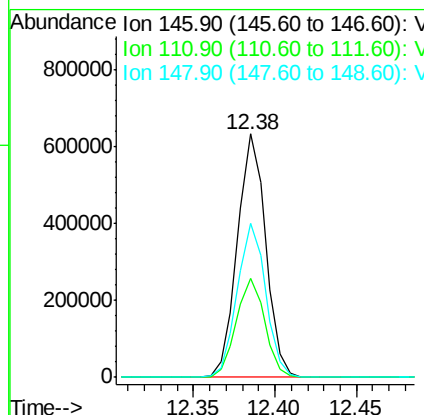
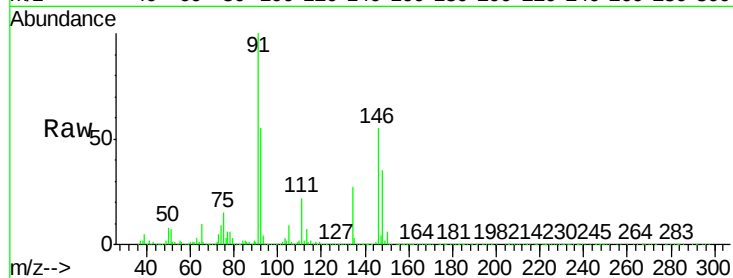
#91
 1,2-Dichlorobenzene
 Concen: 53.197 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015324.D
 Acq: 18 Mar 2020 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	768828		
111	41.2	20.6	61.8	
148	63.2	31.6	94.8	

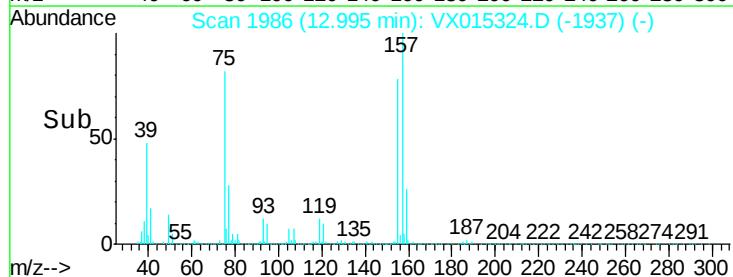
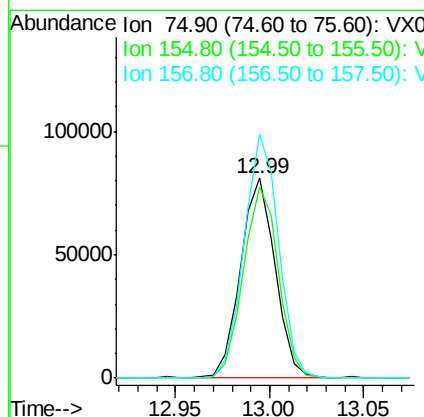
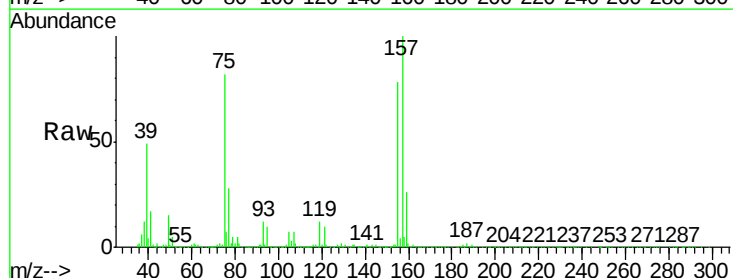
Manual Integrations
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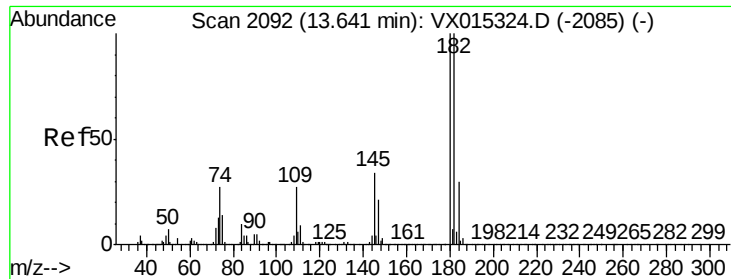
MMDadoda
 3/19/2020 12:00:53 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.600 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX015324.D
 Acq: 18 Mar 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	102588		
155	97.8	48.9	146.7	
157	122.2	61.1	183.3	





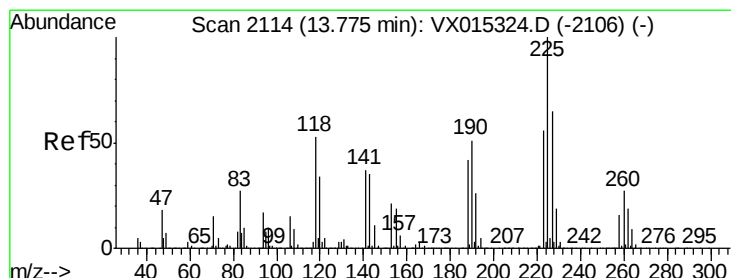
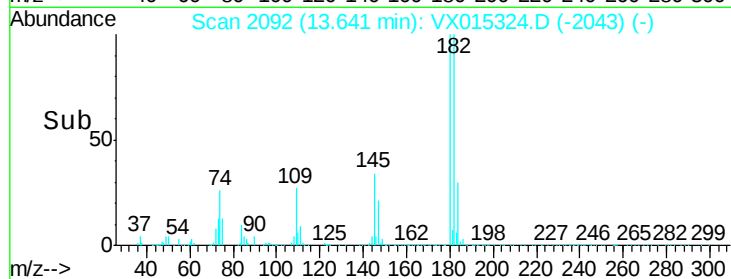
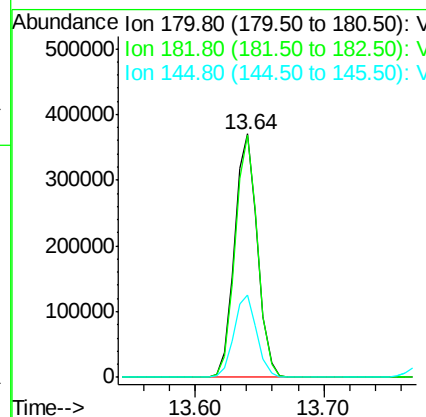
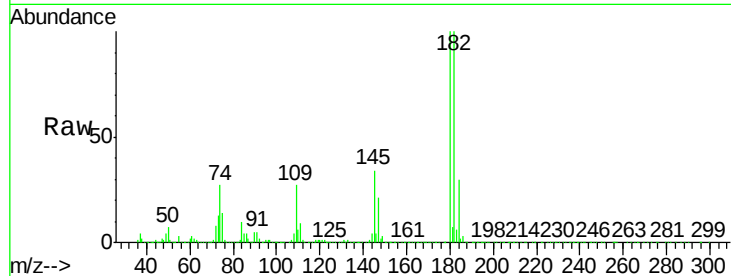
#93
 1,2,4-Trichlorobenzene
 Concen: 47.437 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX015324.D
 Acq: 18 Mar 2020 13:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	97.3	48.6	145.9	
145	33.4	16.7	50.1	

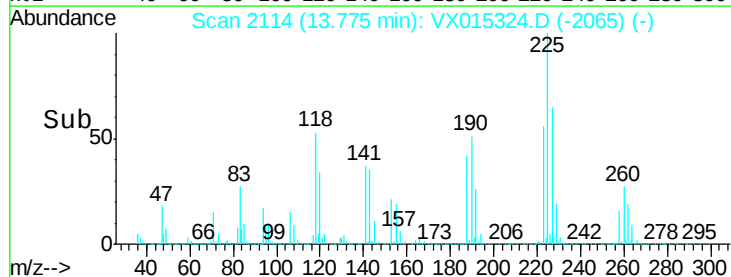
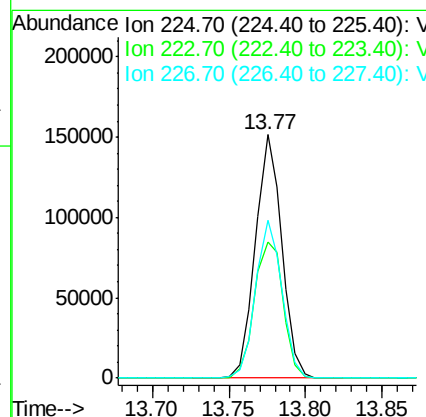
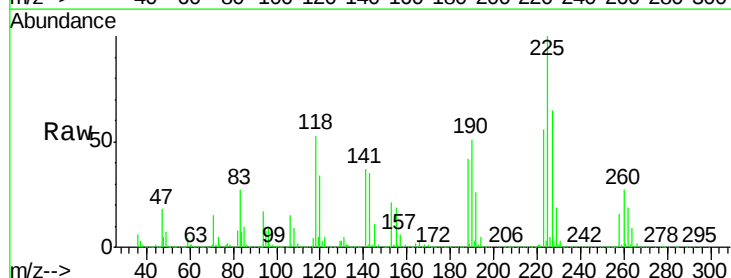
Manual Integrations
 APPROVED

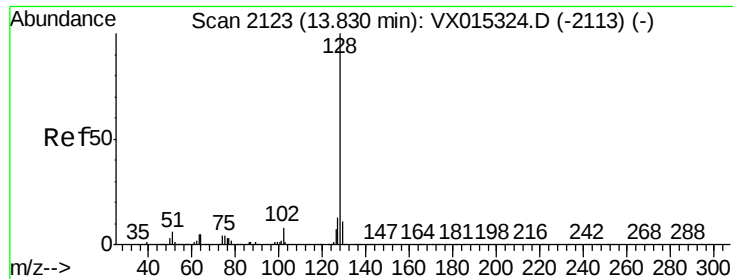
MMDadoda
 3/19/2020 12:00:53 PM



#94
 Hexachlorobutadiene
 Concen: 37.623 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX015324.D
 Acq: 18 Mar 2020 13:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.1	30.6	91.6	
227	64.5	32.3	96.8	





#95

Naphthalene

Concen: 60.725 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

Tot Ion:128 Resp: 1674424

Ion Ratio Lower Upper

128 100

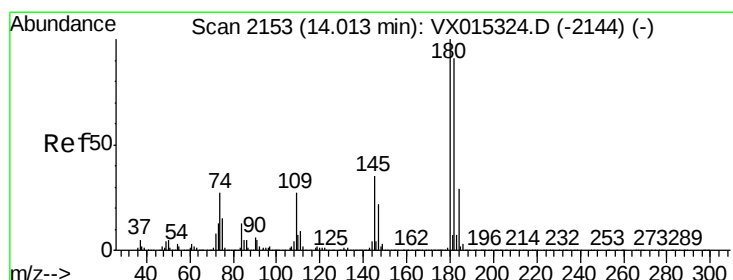
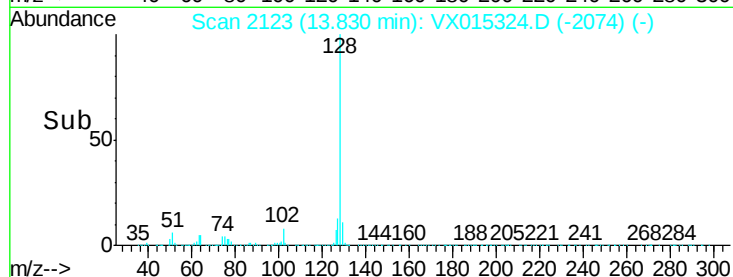
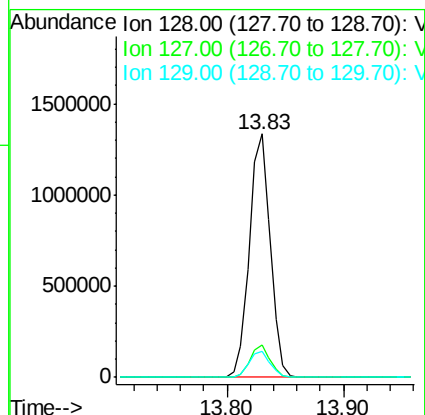
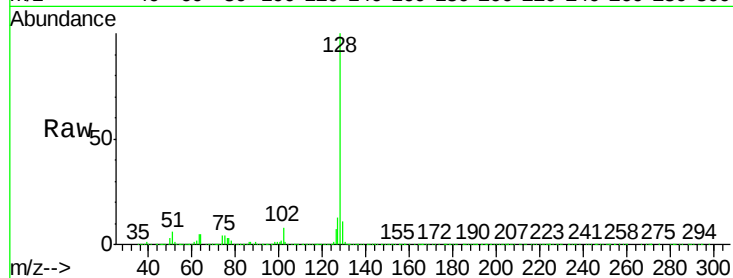
127 12.8 10.2 15.4

129 10.9 8.7 13.1

Manual Integrations
APPROVED

MMDadoda

3/19/2020 12:00:53 PM



#96

1,2,3-Trichlorobenzene

Concen: 47.617 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX015324.D

Acq: 18 Mar 2020 13:47

Tgt Ion:180 Resp: 460353

Ion Ratio Lower Upper

180 100

182 94.0 47.0 141.0

145 35.2 17.6 52.8

