

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031220\
 Data File : VX015242.D
 Acq On : 12 Mar 2020 18:45
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 3/16/2020 11:43:57 AM

Quant Time: Mar 13 04:36:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 14:12:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	46121	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	249887	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	232144	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	92158	29.62	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.73%
60) 4-Bromofluorobenzene	11.13	95	109122	29.53	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.43%
63) Toluene-d8	8.71	98	324565	32.64	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	108.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	44207	19.059 ug/l	97
3) Chloromethane	1.32	50	65765	19.638 ug/l	99
4) Vinyl Chloride	1.40	62	67436	19.789 ug/l	99
5) Bromomethane	1.64	94	45215	20.366 ug/l	95
6) Chloroethane	1.72	64	43680	20.407 ug/l	100
7) Trichlorofluoromethane	1.93	101	85549	19.691 ug/l	95
8) Diethyl Ether	2.18	74	38598	20.045 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	46756	17.549 ug/l	99
10) 1,1-Dichloroethene	2.37	96	48996	18.240 ug/l	96
11) Methyl Iodide	2.50	142	45576	16.496 ug/l	97
12) Methyl Acetate	2.76	43	64376	19.428 ug/l	99
13) Acrolein	2.28	56	43876	83.848 ug/l	99
14) Acrylonitrile	3.13	53	147794	96.119 ug/l	99
15) Acetone	2.44	58	37235	82.531 ug/l	88
16) Carbon Disulfide	2.56	76	136241	18.112 ug/l	100
17) Allyl chloride	2.72	41	90722	18.205 ug/l	96
18) Methylene Chloride	2.85	84	56949	18.760 ug/l	99
19) trans-1,2-Dichloroethene	3.16	96	54143	18.687 ug/l	96
20) Diisopropyl ether	3.84	45	186639	18.854 ug/l	97
21) 1,1-Dichloroethane	3.69	63	97659	18.619 ug/l	98
22) cis-1,2-Dichloroethene	4.59	96	60888	18.591 ug/l	95
23) tert-Butyl Alcohol	3.03	59	58703	97.649 ug/l	# 100
24) Methyl tert-Butyl Ether	3.18	73	163236	18.808 ug/l	100
25) Chloroform	5.20	83	94981	19.036 ug/l	99
26) Cyclohexane	5.57	56	89823	18.427 ug/l	# 100
29) 1,1-Dichloropropene	5.79	75	74628	19.462 ug/l	99
30) 2-Butanone	4.66	43	197771	96.307 ug/l	99
31) 2,2-Dichloropropane	4.57	77	71397	18.124 ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	80511m	19.294 ug/l	
33) Carbon Tetrachloride	5.78	117	67906	19.016 ug/l	95
34) Benzene	6.14	78	224505	19.321 ug/l	98
35) Methacrylonitrile	5.03	41	43016	19.375 ug/l	96
36) 1,2-Dichloroethane	6.18	62	75467m	19.471 ug/l	
37) Trichloroethene	7.20	130	62958	19.591 ug/l	97
38) Methylcyclohexane	7.46	83	86991	18.671 ug/l	99
39) 1,2-Dichloropropane	7.51	63	57365	19.111 ug/l	92
40) Dibromomethane	7.65	93	37456	19.633 ug/l	99

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Manual Integrations
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 14:12:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	73110	19.375	ug/l	94
42) Vinyl Acetate	3.81	43	773797	95.552	ug/l	100
43) Ethyl Acetate	4.82	43	78037	20.029	ug/l	100
44) Isopropyl Acetate	6.43	43	126488	19.193	ug/l	98
45) 1,4-Dioxane	7.74	88	27043	417.803	ug/l	98
46) Methyl methacrylate	7.76	41	64001	19.695	ug/l	98
47) n-amyl Acetate	10.89	43	106075	17.938	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	85109	20.743	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	90682	19.462	ug/l	100
50) 1,1,2-Trichloroethane	9.21	97	62420	22.127	ug/l	97
51) Ethyl methacrylate	9.17	69	90026	20.452	ug/l	96
52) 1,3-Dichloropropane	9.37	76	104749	21.940	ug/l	99
53) Dibromochloromethane	9.57	129	62783	20.898	ug/l	96
54) 1,2-Dibromoethane	9.67	107	62335	21.421	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	227474	103.183	ug/l	100
56) Bromoform	10.85	173	45574	19.348	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	429009	108.551	ug/l	100
59) 2-Hexanone	9.48	43	319798	107.058	ug/l	99
61) Tetrachloroethene	9.33	164	70179	21.717	ug/l	95
62) Toluene	8.78	91	259433	21.119	ug/l	100
64) Chlorobenzene	10.14	112	152493	19.427	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	57068	19.739	ug/l	98
66) Ethyl Benzene	10.25	91	259893	18.992	ug/l	100
67) m/p-Xylenes	10.35	106	201221	38.306	ug/l	99
68) o-Xylene	10.70	106	97710	19.401	ug/l	97
69) Styrene	10.71	104	167439	19.103	ug/l	100
70) Isopropylbenzene	11.01	105	257985	19.245	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	82596	18.981	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	67196m	18.866	ug/l	
73) Bromobenzene	11.25	156	69356	18.971	ug/l	100
74) n-propylbenzene	11.35	91	297789	18.804	ug/l	99
75) 2-Chlorotoluene	11.42	91	174271	18.848	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	213506	18.658	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	25972	17.411	ug/l	94
78) 4-Chlorotoluene	11.51	91	199636	18.753	ug/l	100
79) tert-butylbenzene	11.76	119	206017	19.203	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	218274	19.293	ug/l	99
81) sec-Butylbenzene	11.94	105	250156	18.788	ug/l	100
82) p-Isopropyltoluene	12.06	119	230010	18.786	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	122366	18.943	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	125006	19.347	ug/l	99
85) n-Butylbenzene	12.39	91	201790	18.806	ug/l	99
86) Hexachloroethane	12.59	117	39601	18.475	ug/l	96
87) 1,2-Dichlorobenzene	12.39	146	122259	19.411	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	17167	19.162	ug/l	97
89) 1,2,4-Trichlorobenzene	13.64	180	90059	19.345	ug/l	99
90) Hexachlorobutadiene	13.78	225	43942	18.347	ug/l	98
91) Naphthalene	13.83	128	253062	19.622	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	91389	19.505	ug/l	100

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ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId :
VSTDCCC020EC

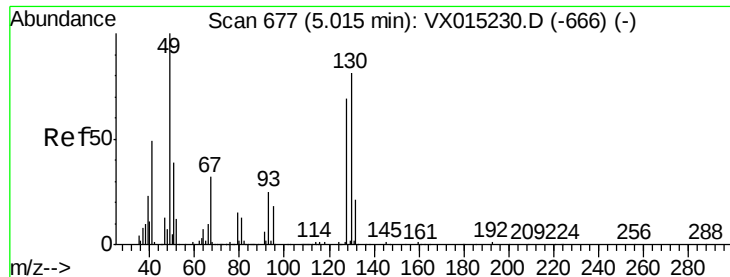
Manual Integrations
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QLast Update : Thu Mar 12 14:12:53 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

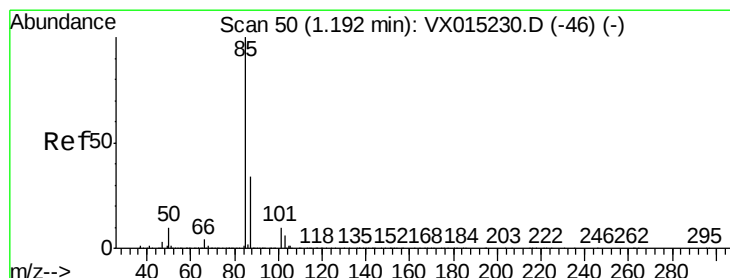
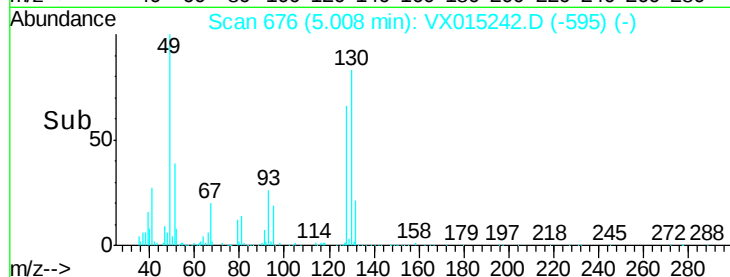
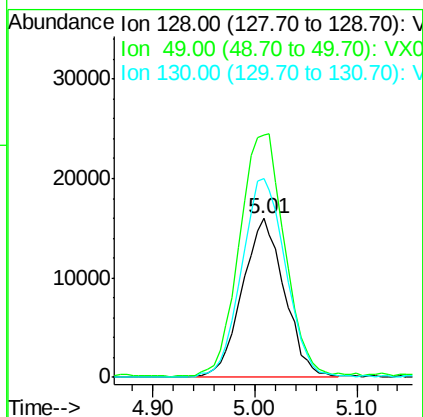
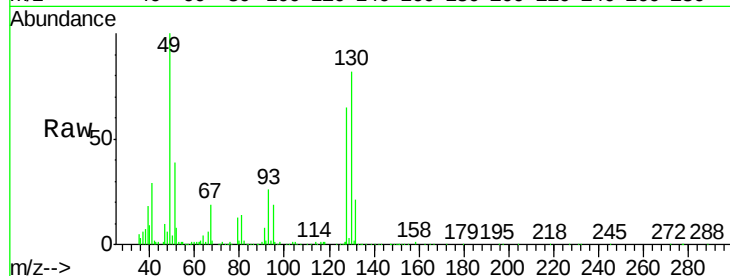
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX015242.D
Acq: 12 Mar 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
49	163.8	0.0	406.8
130	130.8	0.0	319.3

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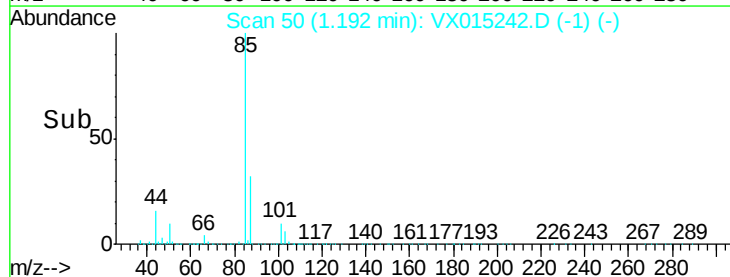
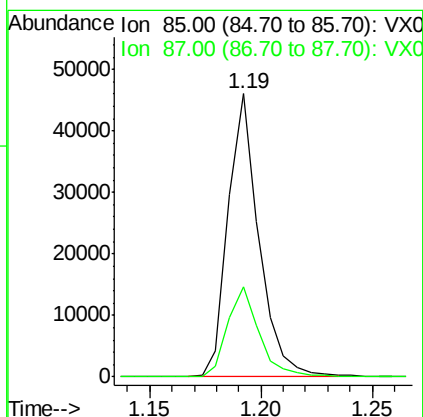
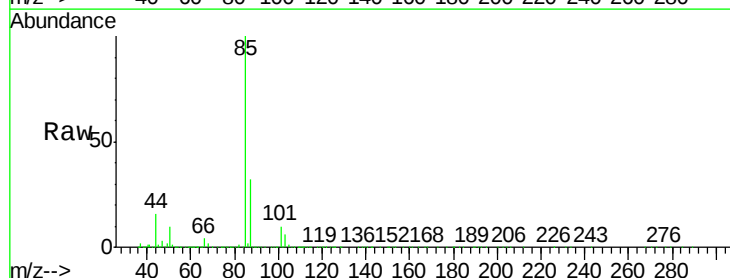
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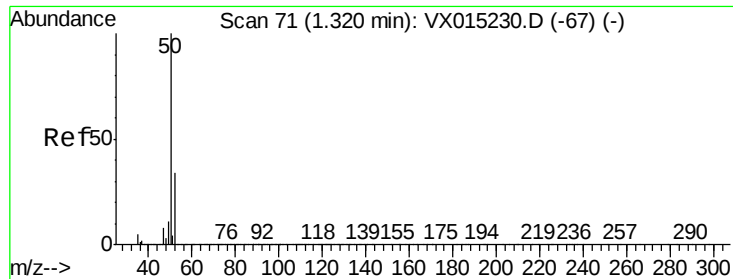


#2

Dichlorodifluoromethane
Concen: 19.059 ug/l
RT: 1.19 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX015242.D
Acq: 12 Mar 2020 18:45

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.6	16.7	50.1





#3

Chloromethane

Concen: 19.638 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 50 Resp: 65765

Ion Ratio Lower Upper

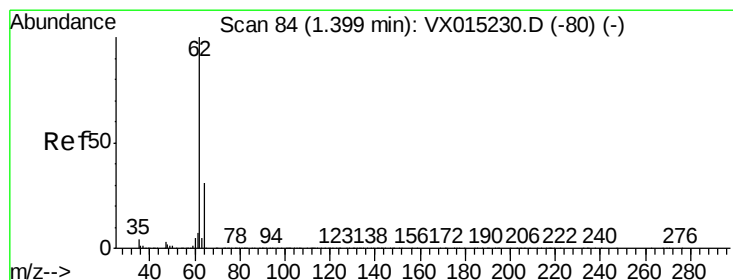
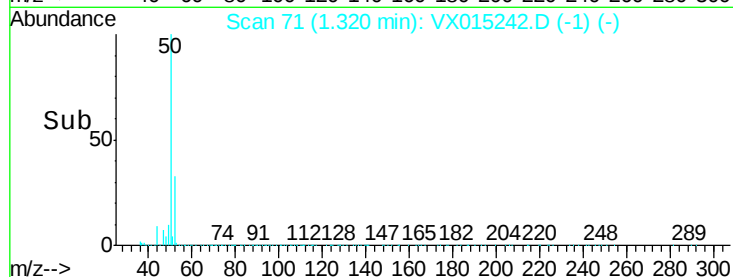
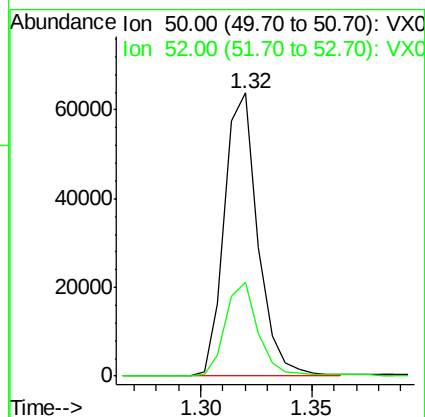
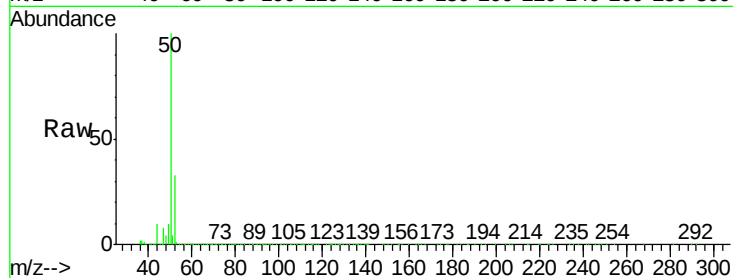
50 100

52 33.0 26.9 40.3

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#4

Vinyl Chloride

Concen: 19.789 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015242.D

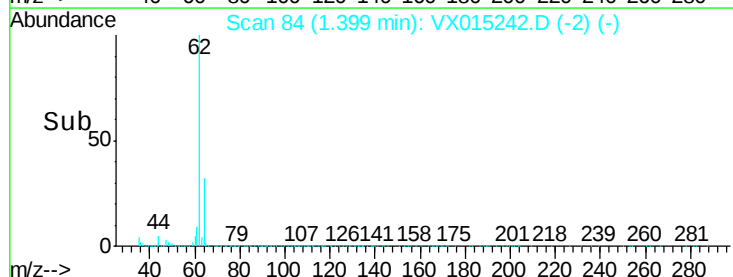
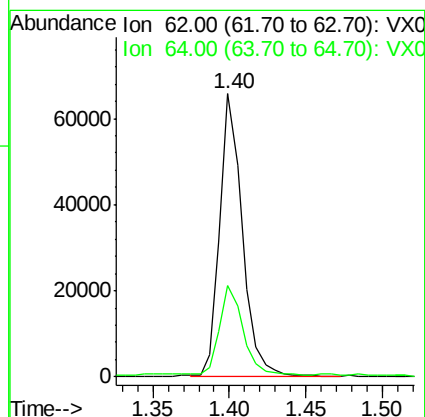
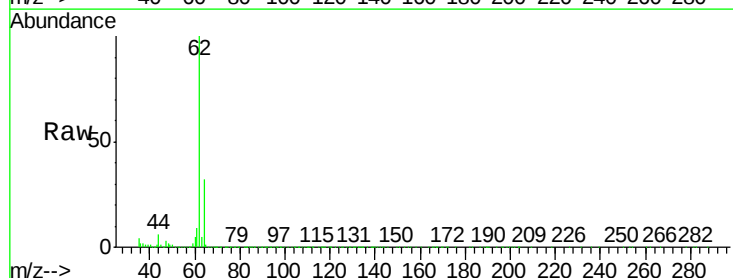
Acq: 12 Mar 2020 18:45

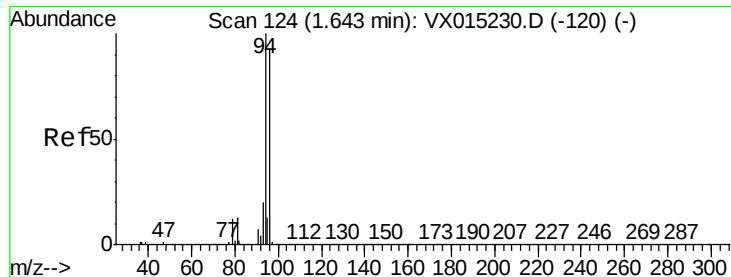
Tgt Ion: 62 Resp: 67436

Ion Ratio Lower Upper

62 100

64 31.5 24.9 37.3





#5

Bromomethane

Concen: 20.366 ug/l

RT: 1.64 min Scan# 124

Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 45215

Ion Ratio Lower Upper

94 100

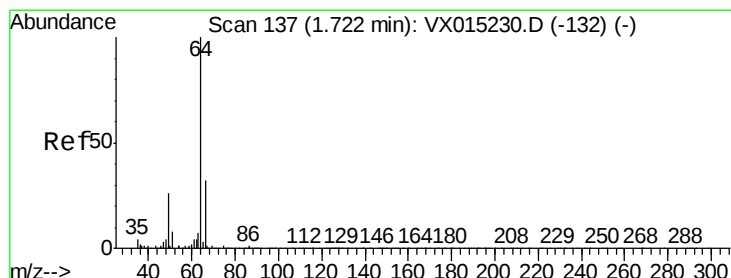
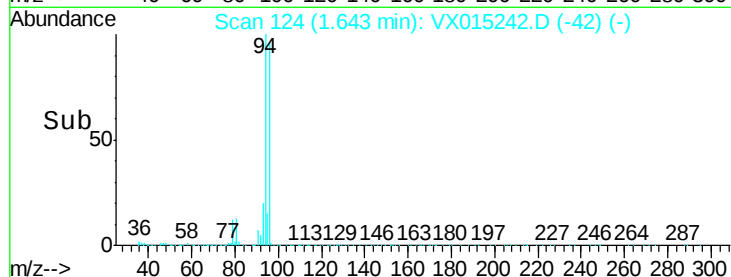
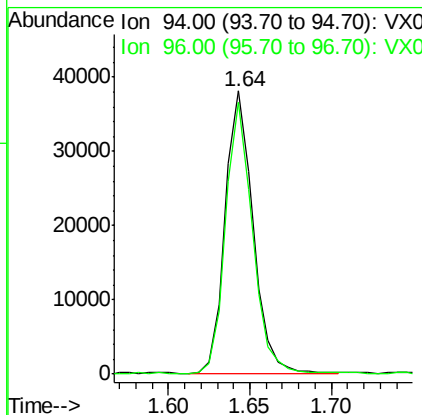
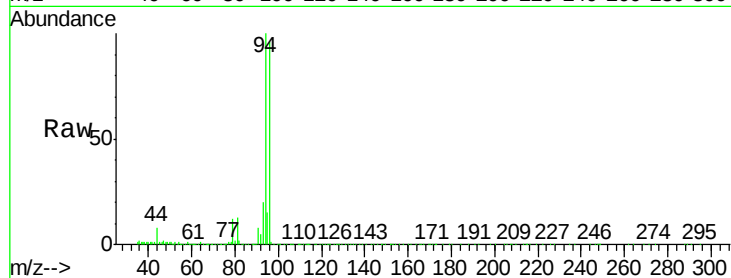
96 95.9 73.0 109.4

Manual Integrations

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#6

Chloroethane

Concen: 20.407 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015242.D

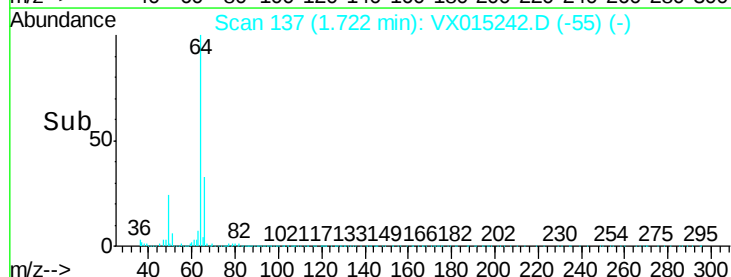
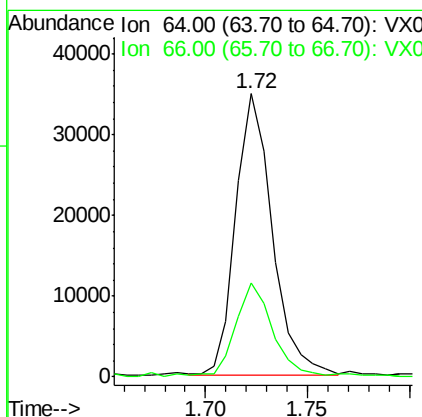
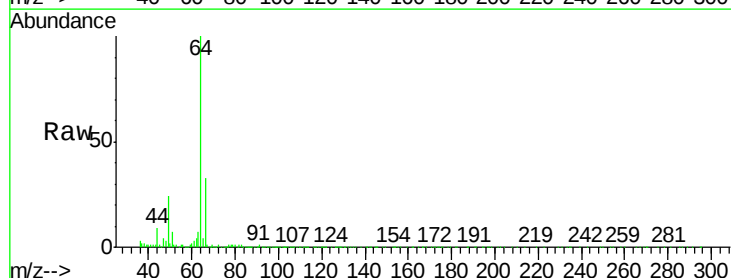
Acq: 12 Mar 2020 18:45

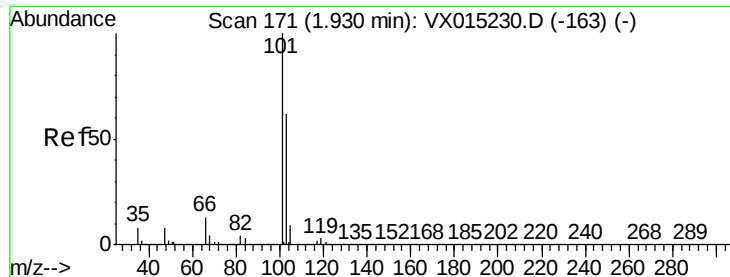
Tgt Ion: 64 Resp: 43680

Ion Ratio Lower Upper

64 100

66 32.5 25.9 38.9





#7

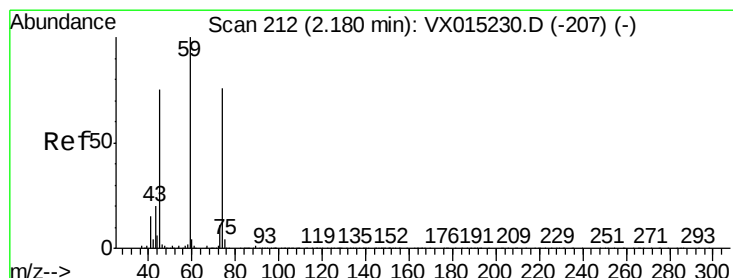
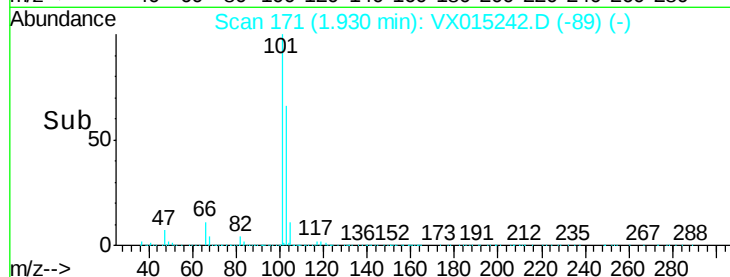
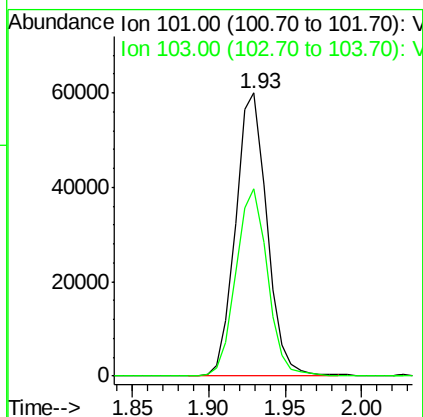
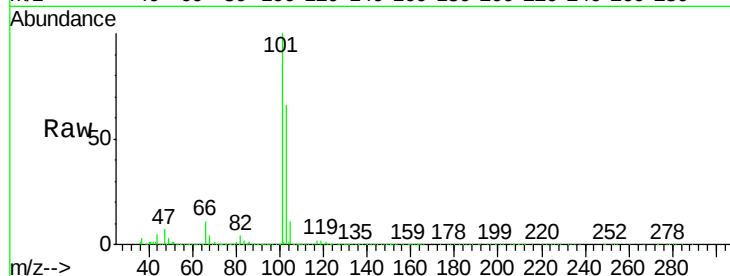
Trichlorofluoromethane
Concen: 19.691 ug/l
RT: 1.93 min Scan# 171
Delta R.T. -0.00 min
Lab File: VX015242.D
Acq: 12 Mar 2020 18:45

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	49.9	74.9

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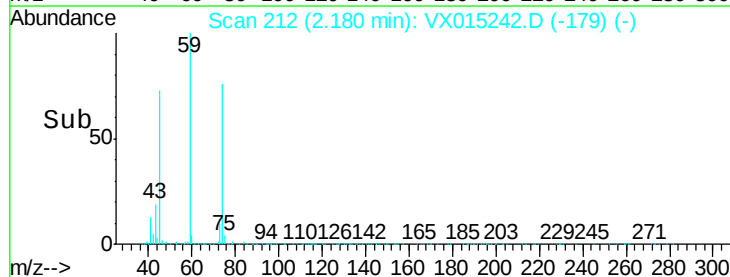
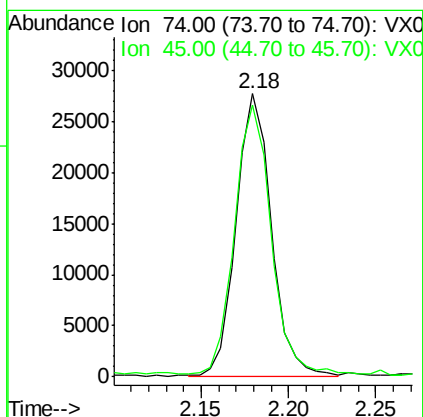
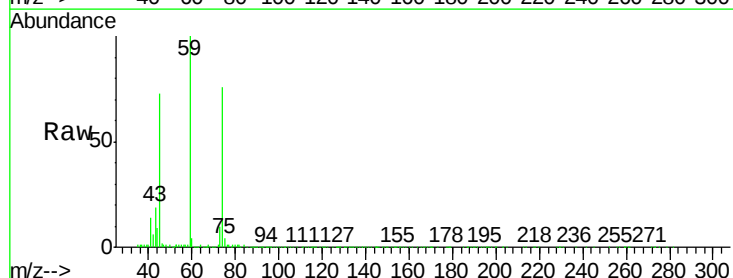
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3/16/2020 11:43:57 AM

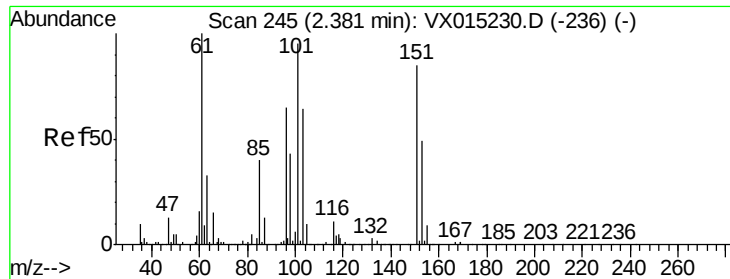


#8

Diethyl Ether
Concen: 20.045 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015242.D
Acq: 12 Mar 2020 18:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	100.2	20.3	182.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.549 ug/l

RT: 2.38 min Scan# 245

Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Instrument :

MSVOA_X

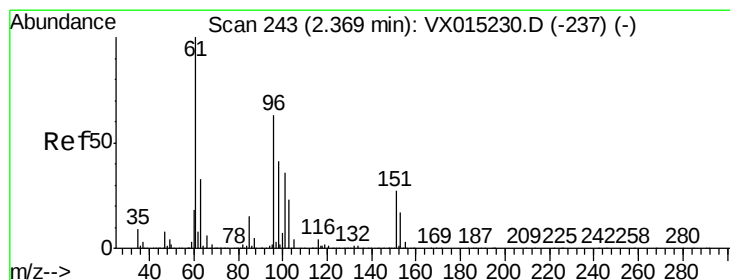
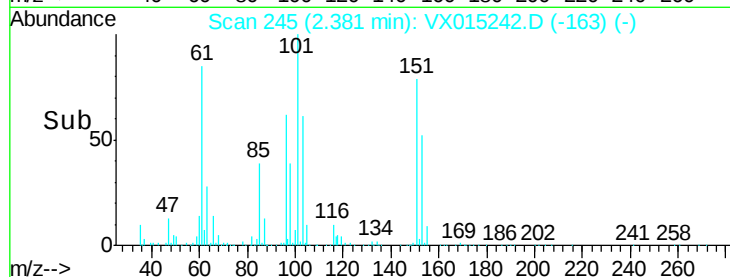
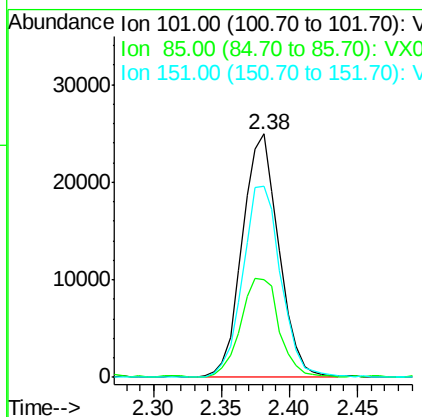
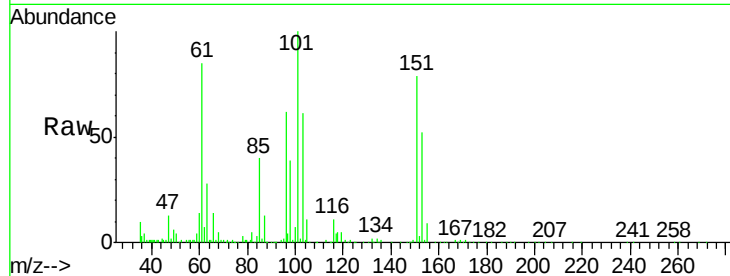
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	46756
Ion Ratio	Lower	Upper	
101	100		
85	43.2	0.0	82.0
151	82.5	0.0	165.0

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3/16/2020 11:43:57 AM



#10

1,1-Dichloroethene

Concen: 18.240 ug/l

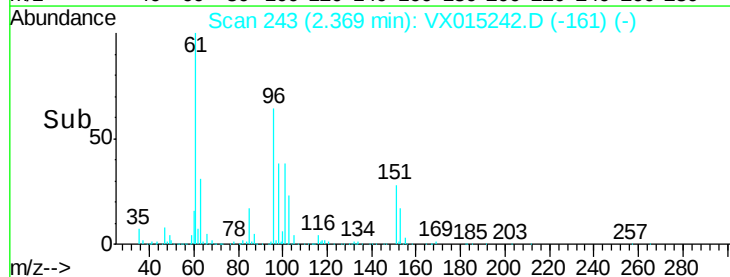
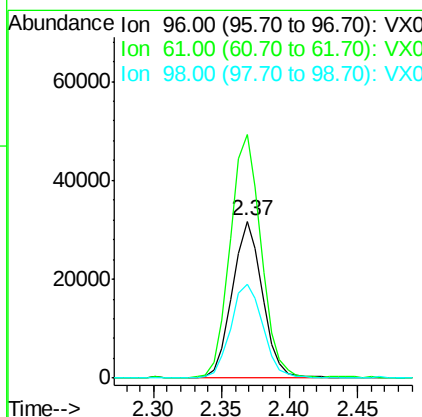
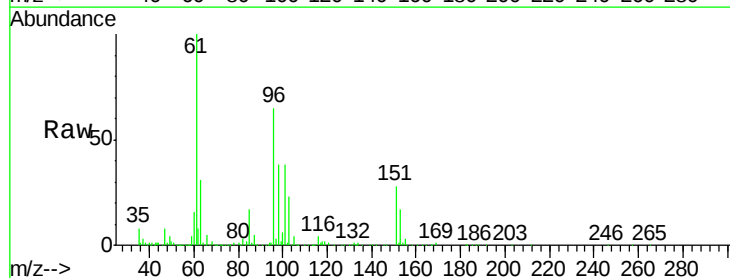
RT: 2.37 min Scan# 243

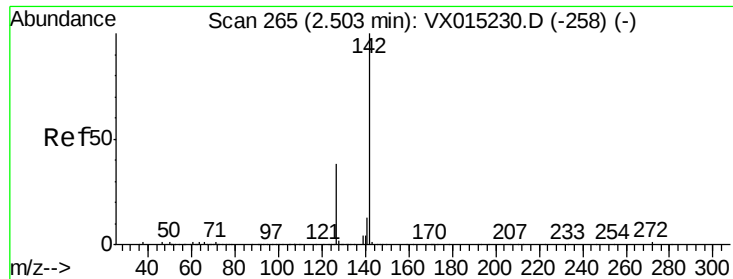
Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Tgt Ion:	96	Resp:	48996
Ion Ratio	Lower	Upper	
96	100		
61	154.8	126.2	189.2
98	59.7	52.1	78.1





#11

Methyl Iodide

Concen: 16.496 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Instrument :

MSVOA_X

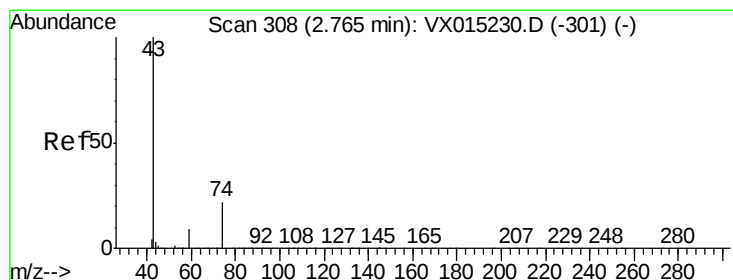
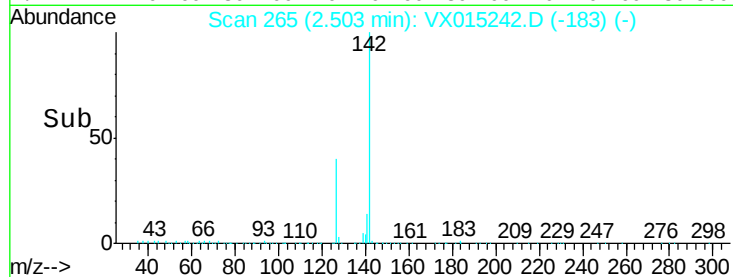
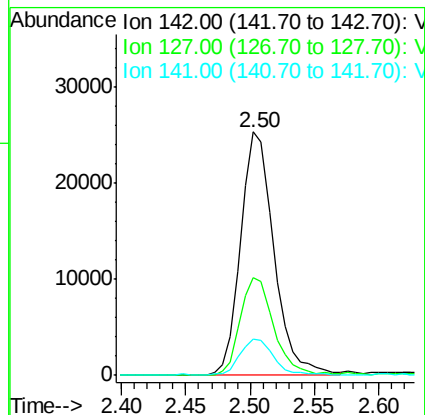
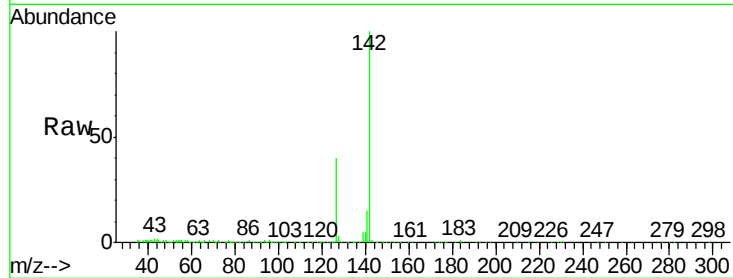
ClientSampleId :

VSTDCCC020EC

Tot Ion:	142	Resp:	45576
Ion Ratio	Lower	Upper	
142	100		
127	40.0	18.9	56.9
141	14.4	6.6	19.7

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#12

Methyl Acetate

Concen: 19.428 ug/l

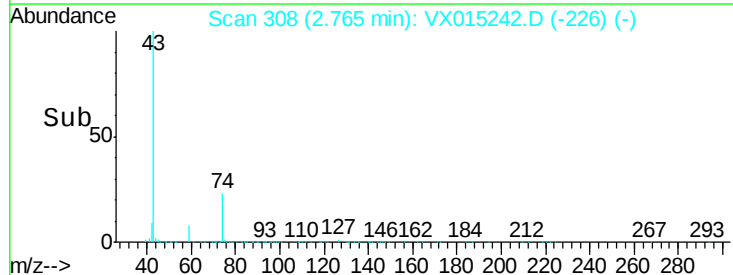
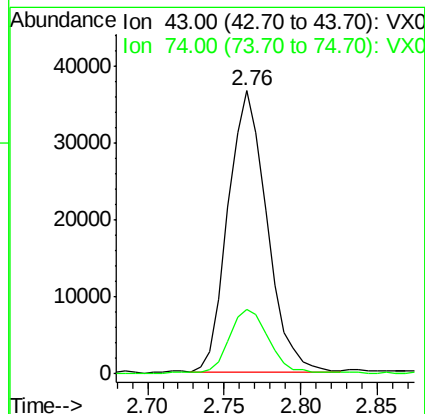
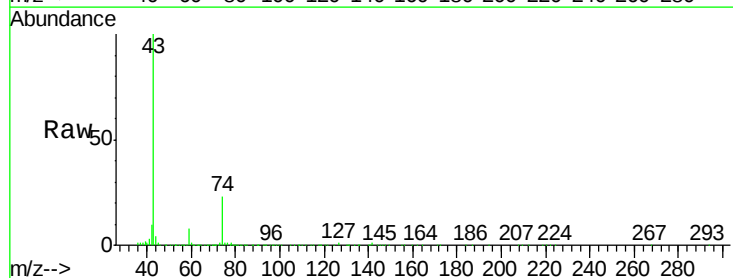
RT: 2.76 min Scan# 308

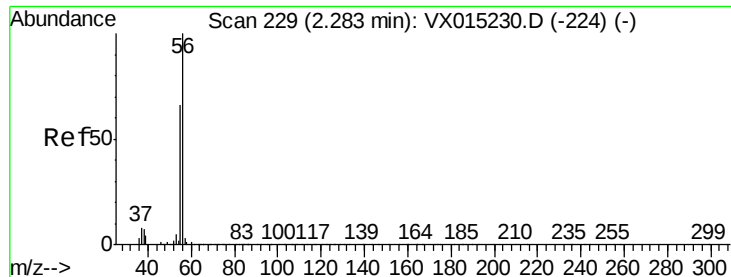
Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Tgt Ion:	43	Resp:	64376
Ion Ratio	Lower	Upper	
43	100		
74	22.1	18.0	27.0





#13

Acrolein

Concen: 83.848 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 43876

Ion Ratio Lower Upper

56 100

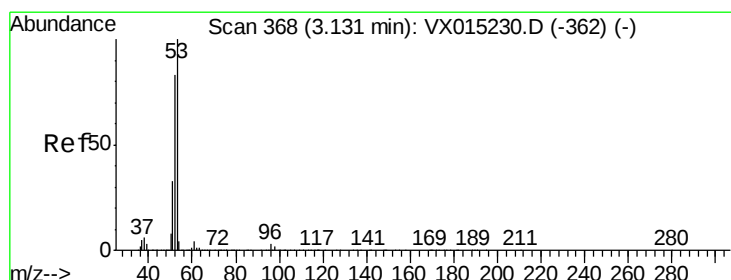
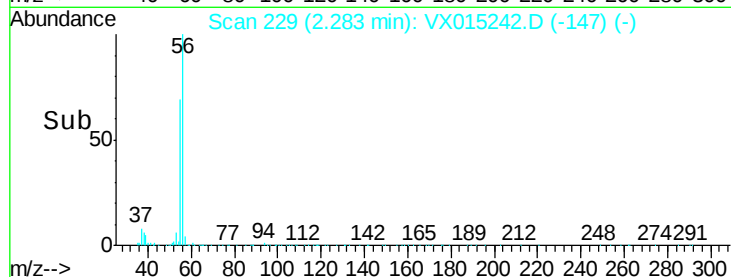
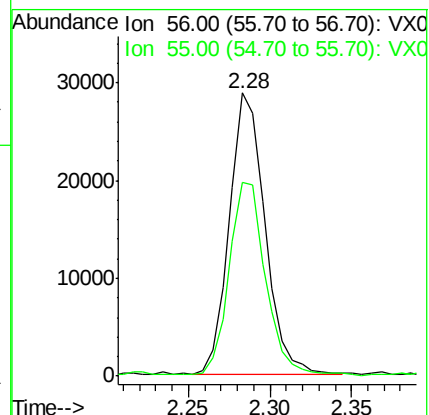
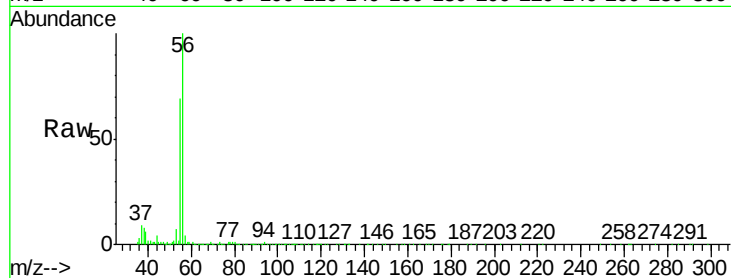
55 69.8 55.1 82.7

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#14

Acrylonitrile

Concen: 96.119 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

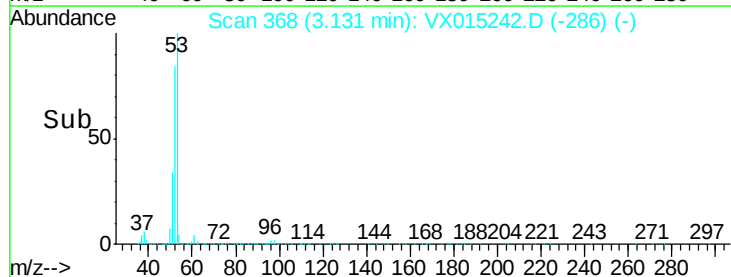
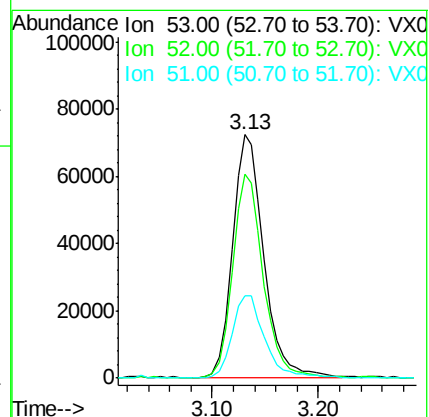
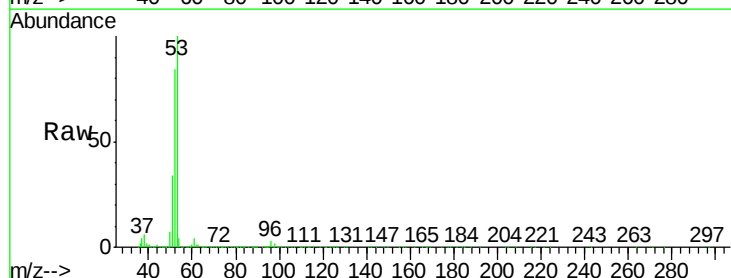
Tgt Ion: 53 Resp: 147794

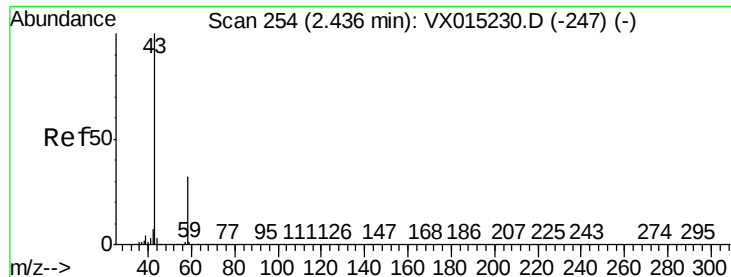
Ion Ratio Lower Upper

53 100

52 82.3 41.5 124.5

51 35.0 17.7 53.1





#15

Acetone

Concen: 82.531 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 58 Resp: 37235

Ion Ratio Lower Upper

58 100

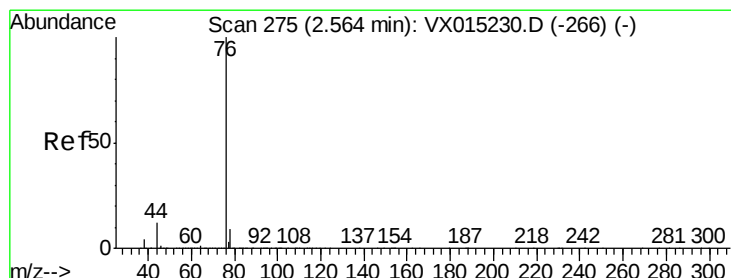
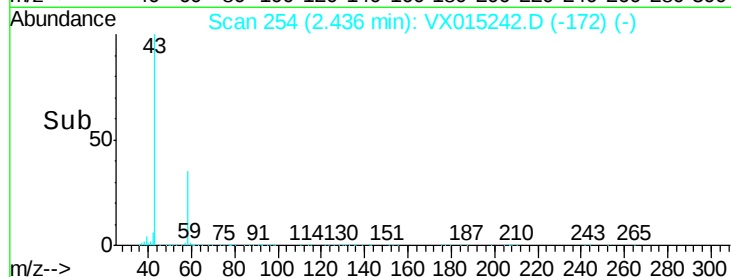
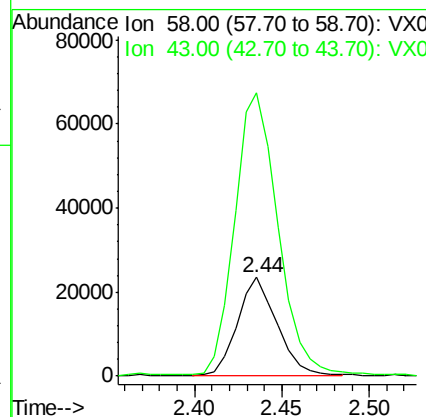
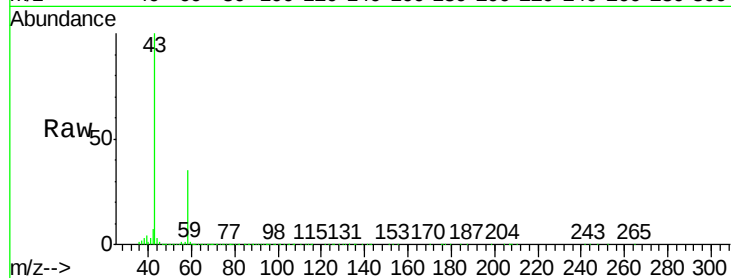
43 287.6 248.7 373.1

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#16

Carbon Disulfide

Concen: 18.112 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX015242.D

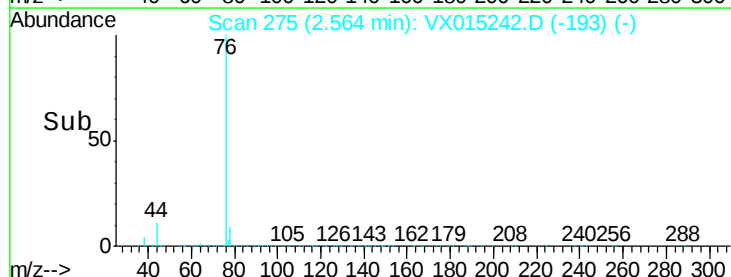
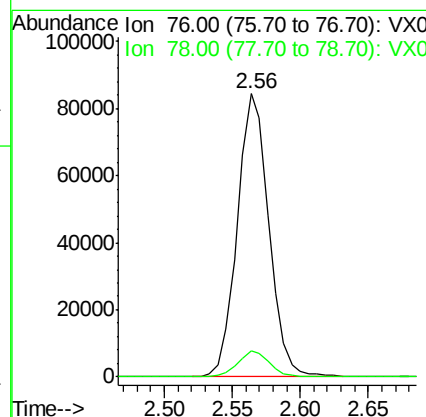
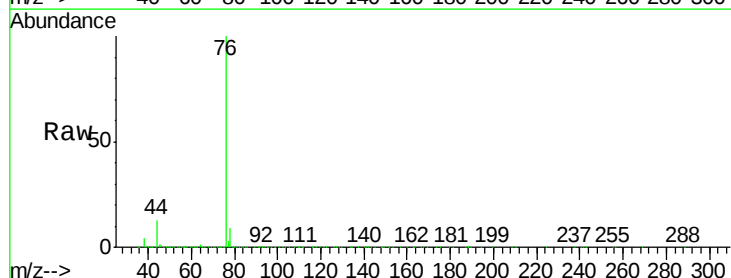
Acq: 12 Mar 2020 18:45

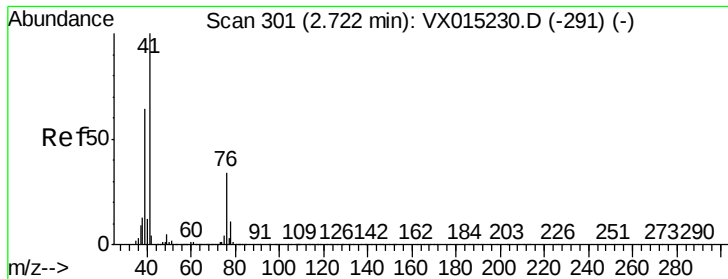
Tgt Ion: 76 Resp: 136241

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9





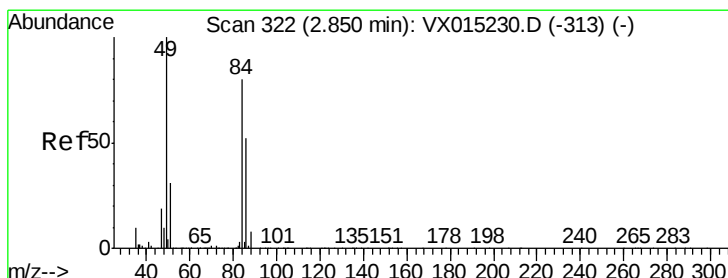
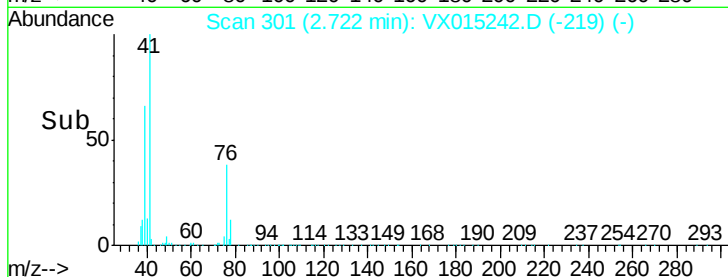
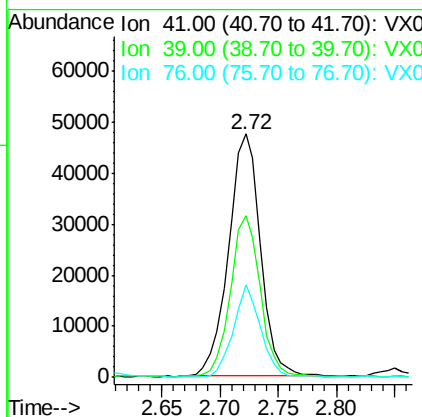
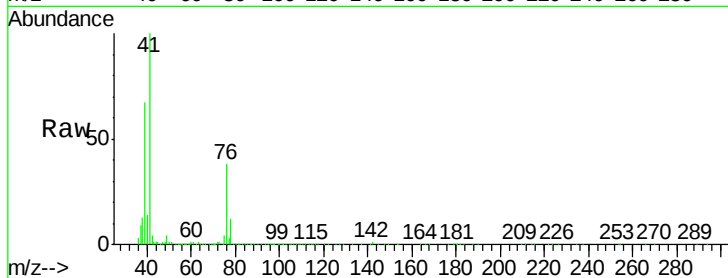
#17
Allvl chloride
Concen: 18.205 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX015242.D
Acq: 12 Mar 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	66.3	32.1	96.5
76	37.7	17.2	51.5

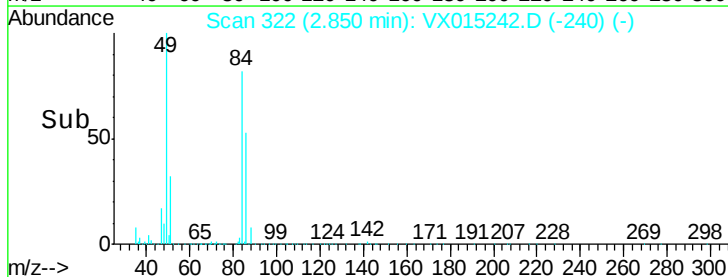
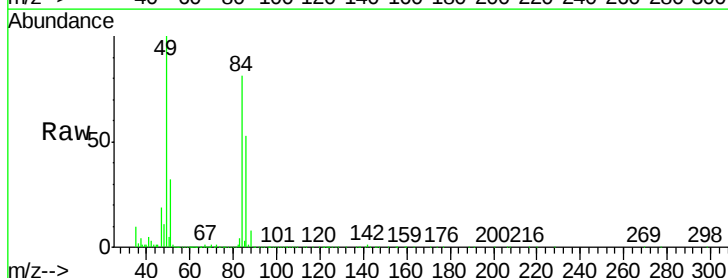
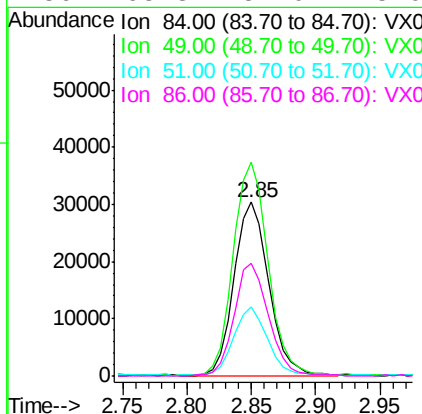
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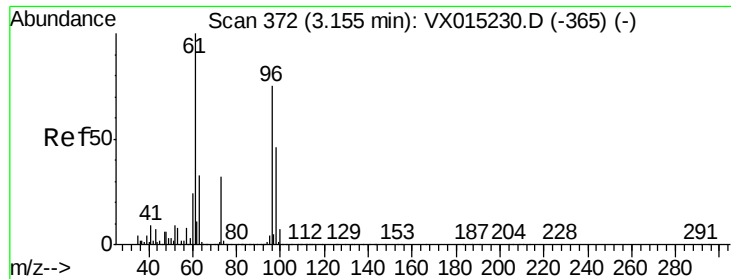
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#18
Methylene Chloride
Concen: 18.760 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX015242.D
Acq: 12 Mar 2020 18:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.8	99.5	149.3
51	39.6	31.0	46.6
86	65.3	52.0	78.0





#19

trans-1,2-Dichloroethene

Concen: 18.687 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Instrument :

MSVOA_X

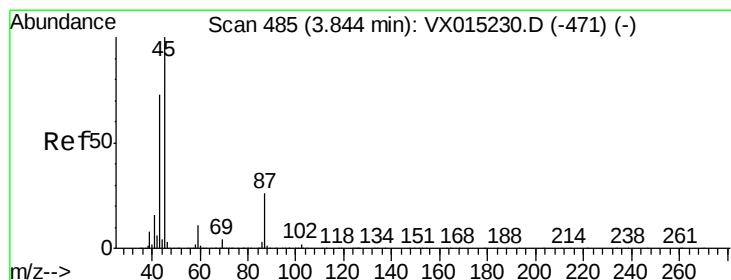
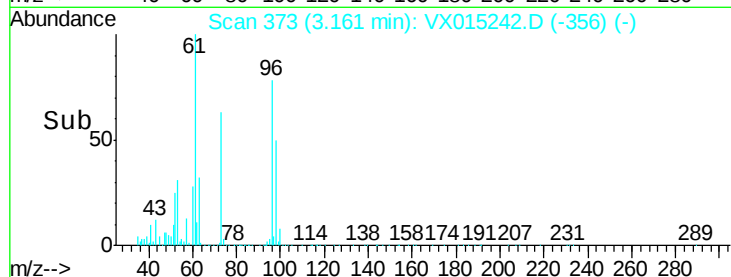
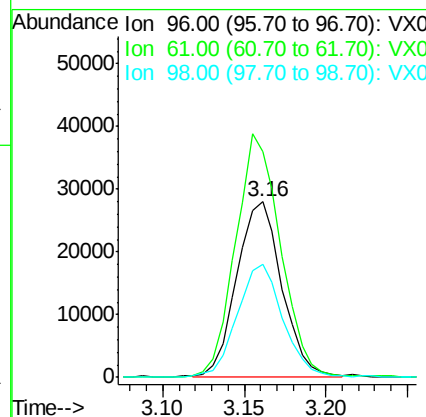
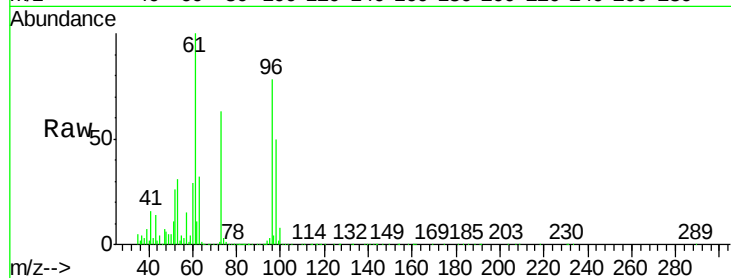
ClientSampleId :

VSTDCCC020EC

Tot Ion:	96	Resp:	54143
Ion	Ratio	Lower	Upper
96	100		
61	128.6	106.3	159.5
98	64.4	49.1	73.7

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#20

Diisopropyl ether

Concen: 18.854 ug/l

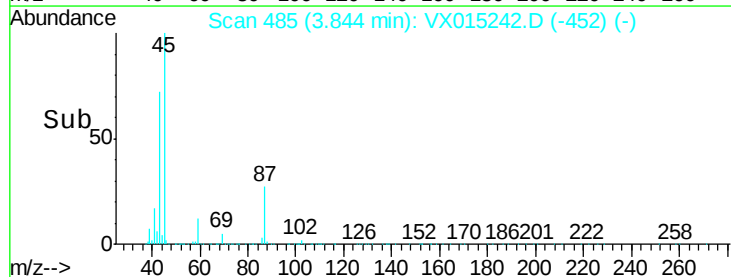
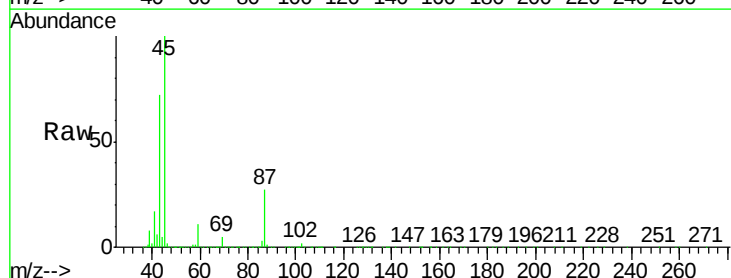
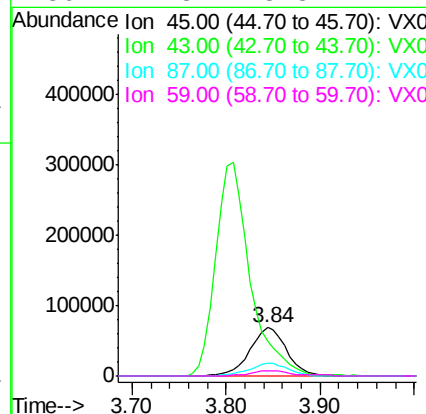
RT: 3.84 min Scan# 485

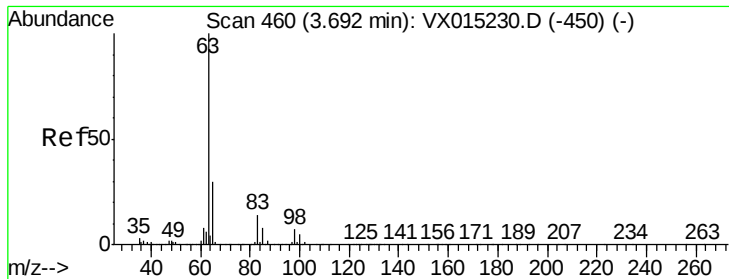
Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Tgt Ion:	45	Resp:	186639
Ion	Ratio	Lower	Upper
45	100		
43	70.1	58.6	87.8
87	27.0	21.0	31.4
59	11.3	8.5	12.7





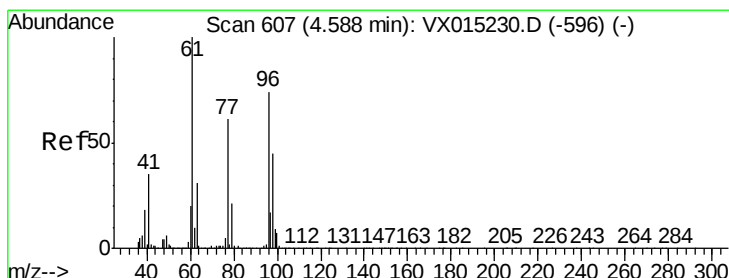
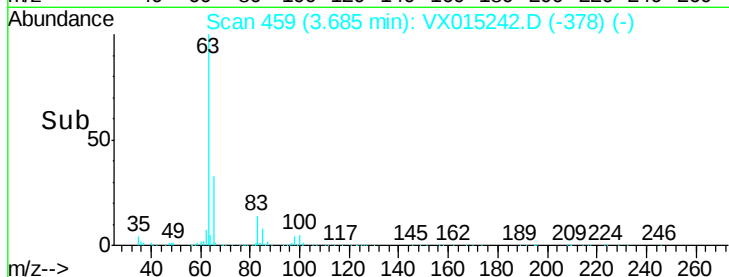
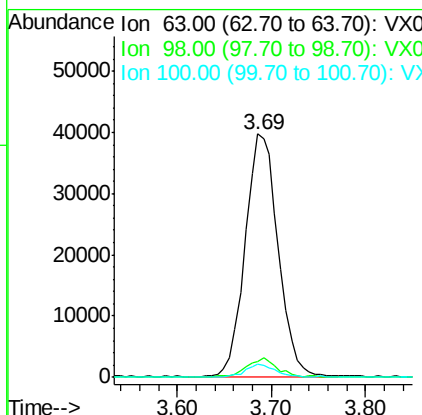
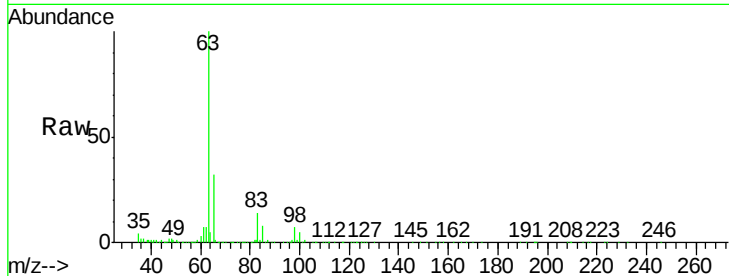
#21
1,1-Dichloroethane
Concen: 18.619 ug/l
RT: 3.69 min Scan# 459
Delta R.T. -0.01 min
Lab File: VX015242.D
Acq: 12 Mar 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	63	Resp:	97659
Ion Ratio	Lower	Upper	
63	100		
98	6.6	3.5	10.6
100	5.4	2.4	7.1

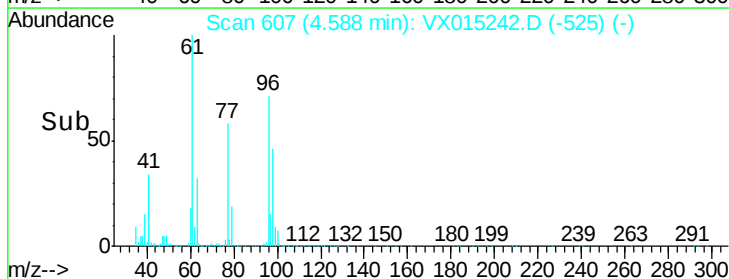
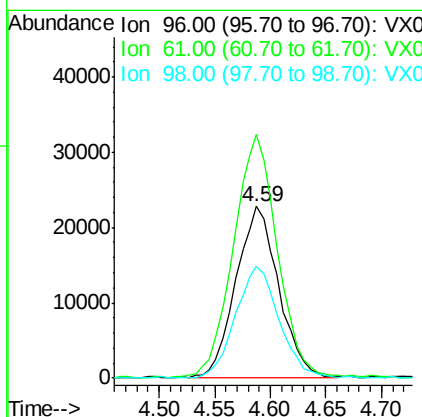
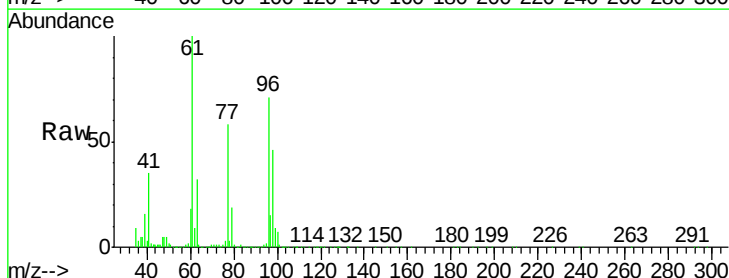
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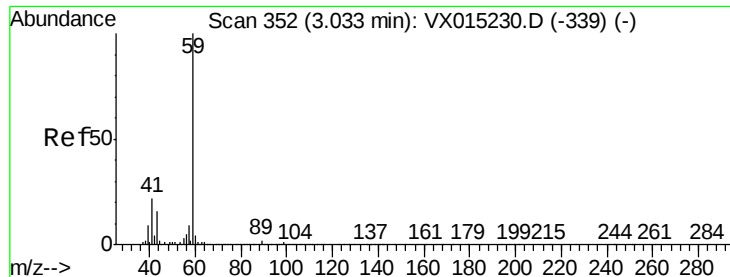
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#22
cis-1,2-Dichloroethene
Concen: 18.591 ug/l
RT: 4.59 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX015242.D
Acq: 12 Mar 2020 18:45

Tgt Ion:	96	Resp:	60888
Ion Ratio	Lower	Upper	
96	100		
61	144.9	111.4	167.0
98	66.6	50.1	75.1





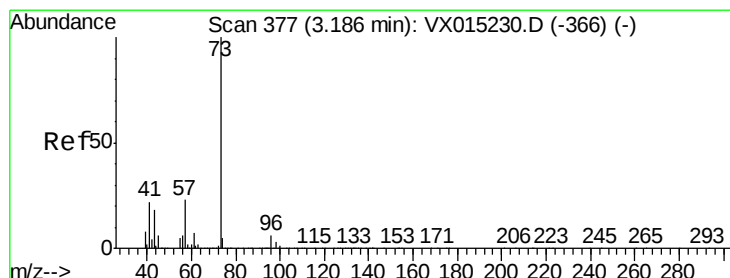
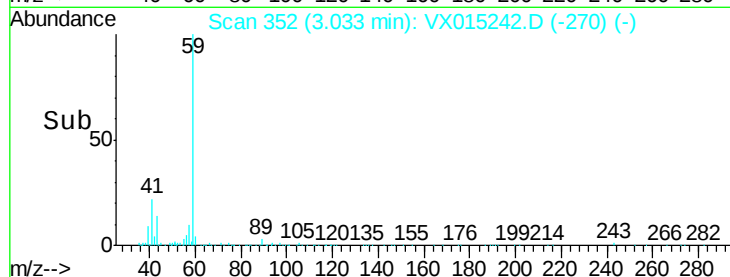
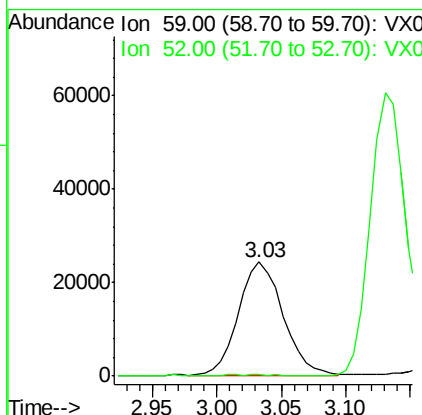
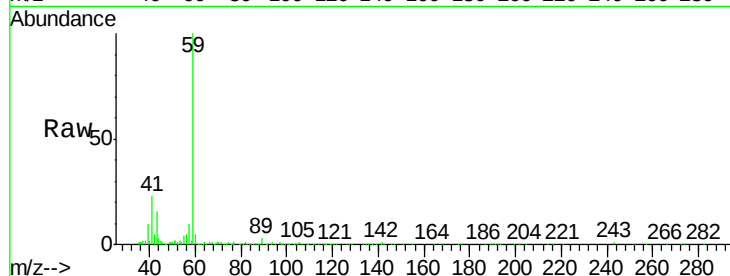
#23
tert-Butyl Alcohol
Concen: 97.649 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX015242.D
Acq: 12 Mar 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.4	0.6#

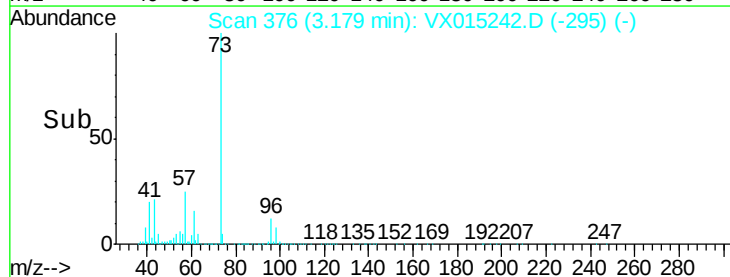
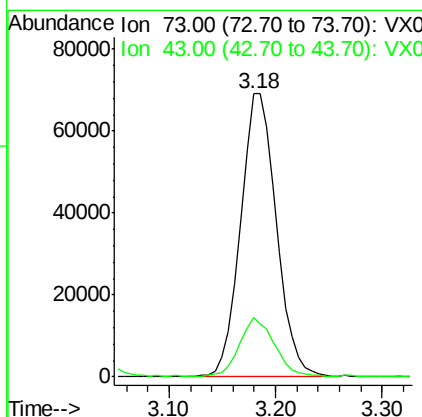
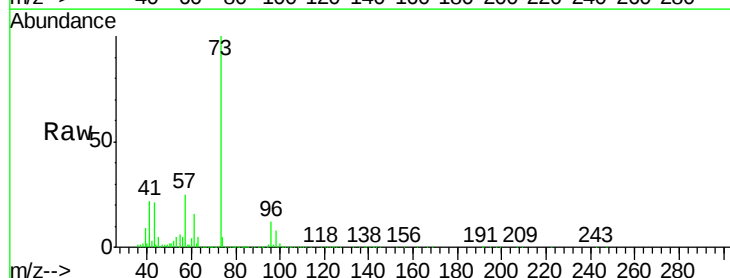
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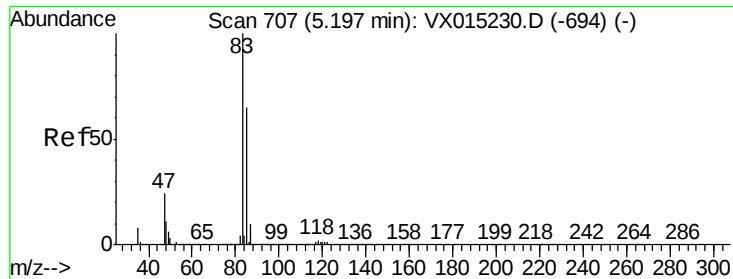
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#24
Methyl tert-Butyl Ether
Concen: 18.808 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015242.D
Acq: 12 Mar 2020 18:45

Tgt Ion	Ratio	Lower	Upper
73	100		
43	19.9	15.9	23.9





#25

Chloroform

Concen: 19.036 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 83 Resp: 94981

Ion Ratio Lower Upper

83 100

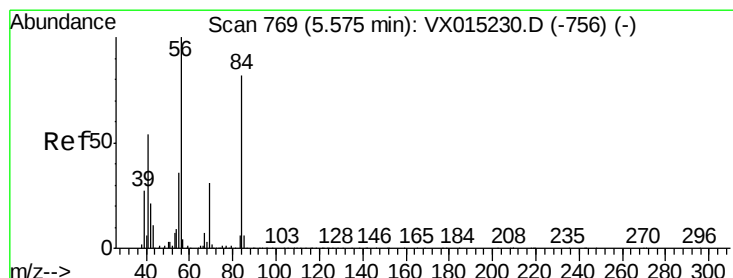
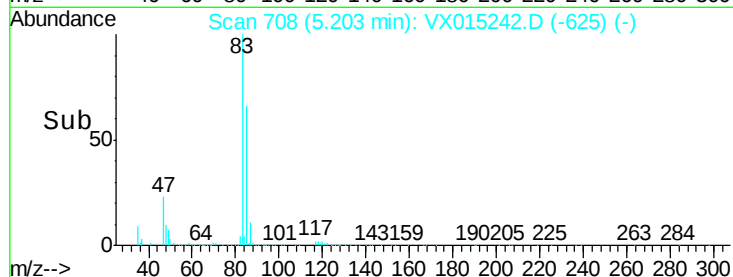
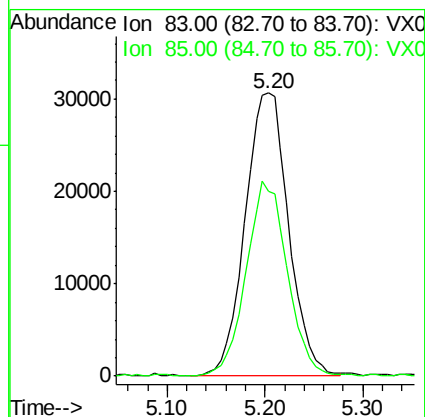
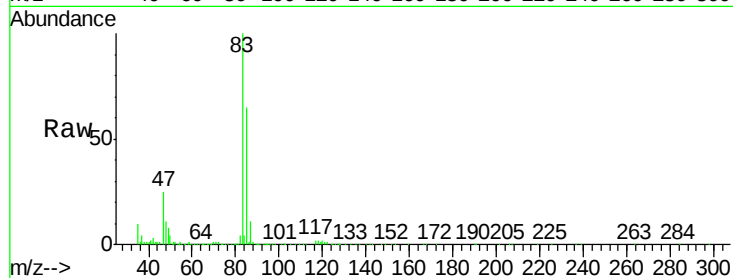
85 65.0 51.4 77.2

Manual Integrations

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#26

Cyclohexane

Concen: 18.427 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.01 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

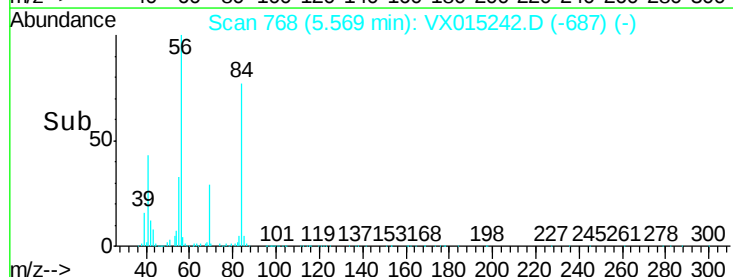
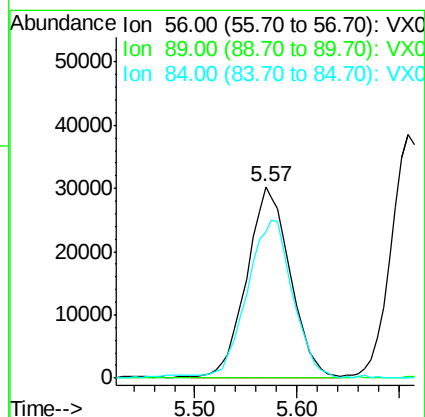
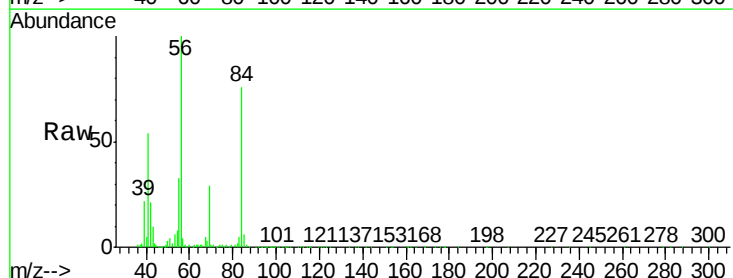
Tgt Ion: 56 Resp: 89823

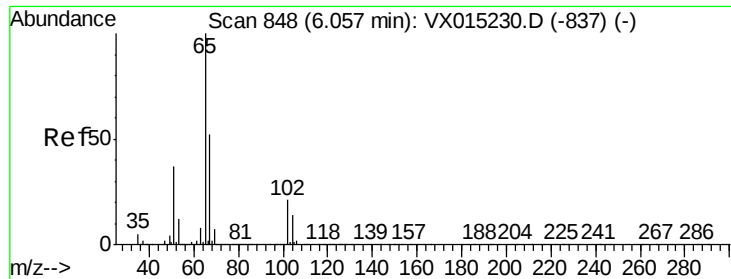
Ion Ratio Lower Upper

56 100

89 0.2 0.1 0.1#

84 85.4 68.2 102.4





#27

1,2-Dichloroethane-d4

Concen: 29.620 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.01 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 65 Resp: 92158

Ion Ratio Lower Upper

65 100

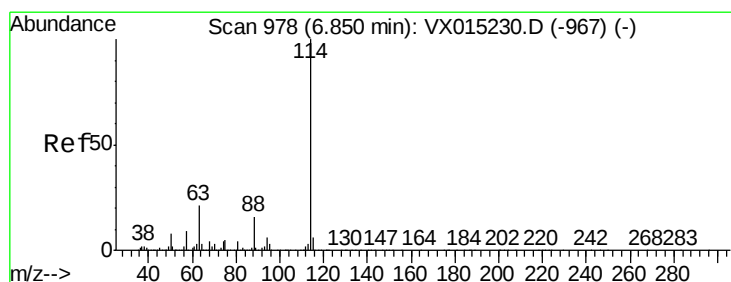
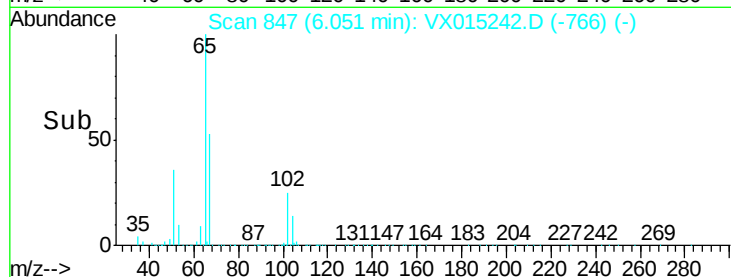
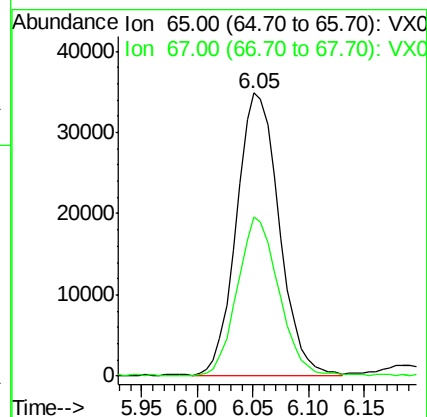
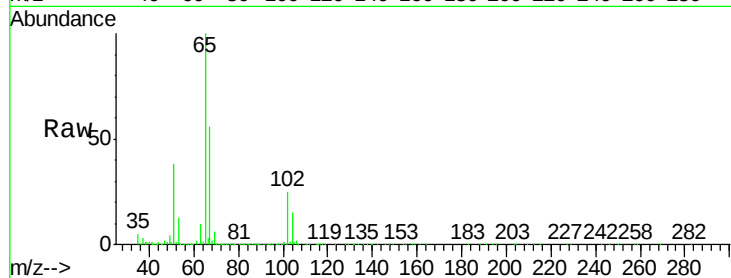
67 54.4 43.5 65.3

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

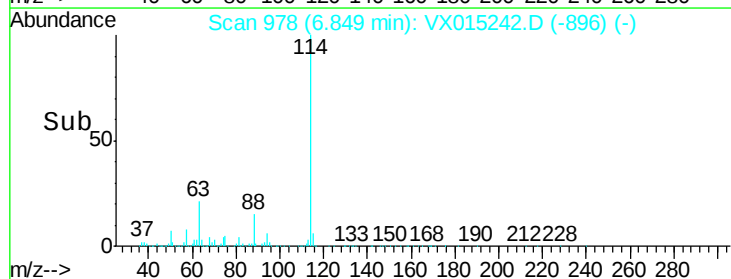
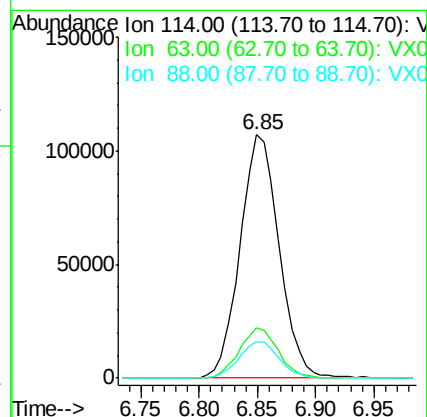
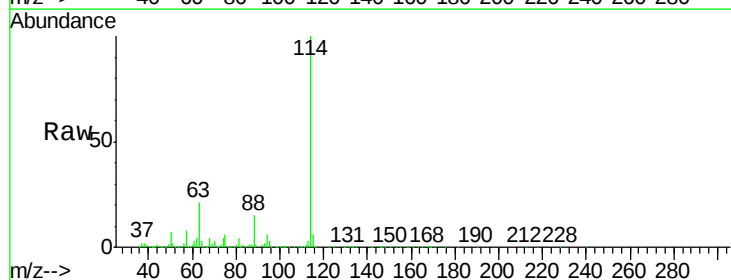
Tgt Ion: 114 Resp: 249887

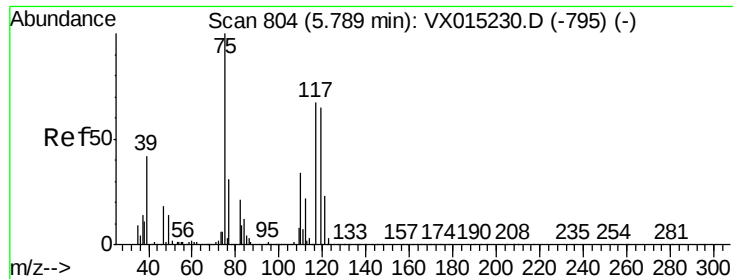
Ion Ratio Lower Upper

114 100

63 20.6 16.6 24.8

88 15.4 12.6 19.0





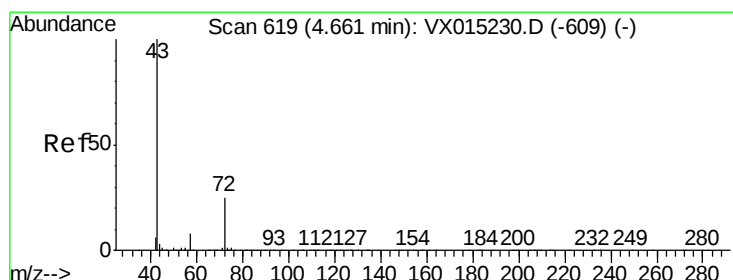
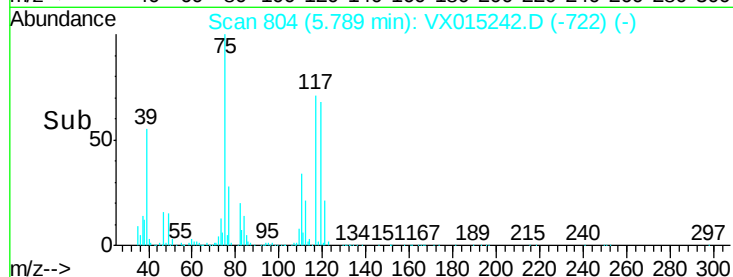
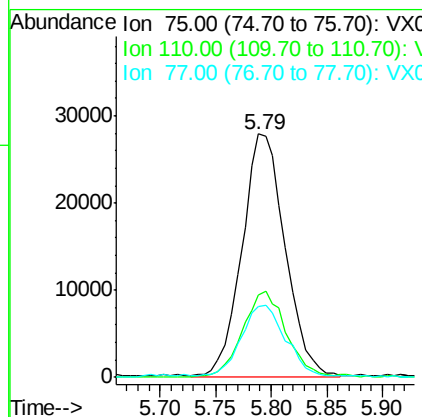
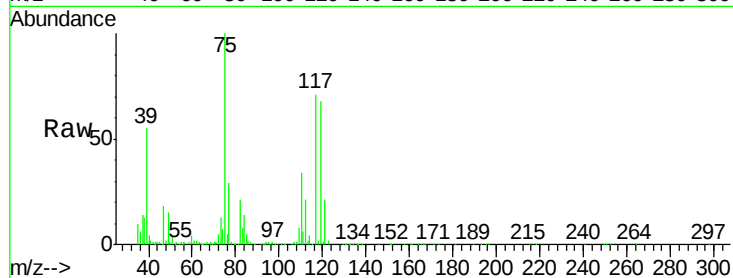
#29
 1,1-Dichloropropene
 Concen: 19.462 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX015242.D
 Acq: 12 Mar 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.1	0.0	73.6
77	30.9	0.0	63.4

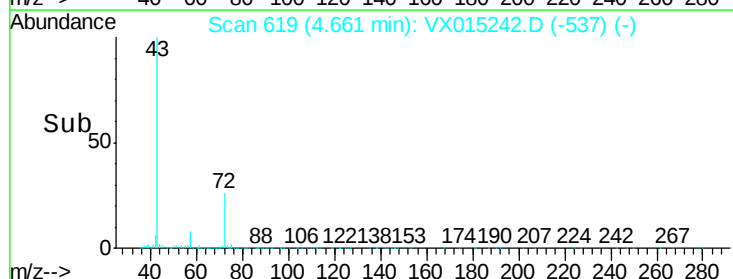
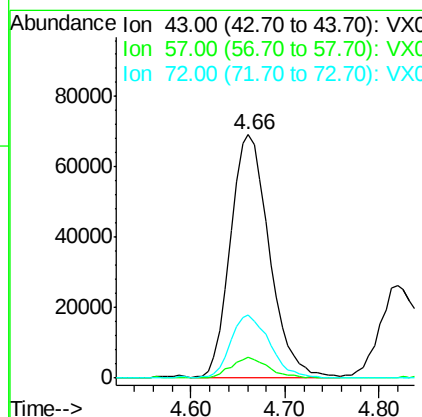
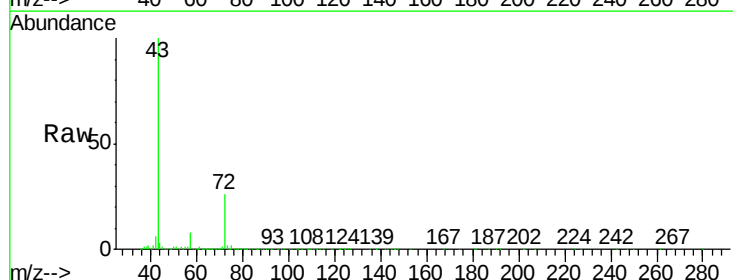
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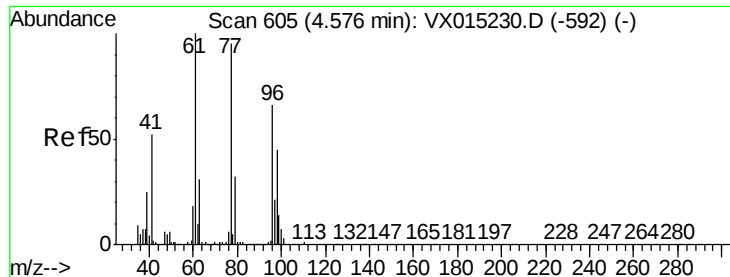
MMDadoda
 3/16/2020 11:43:57 AM



#30
 2-Butanone
 Concen: 96.307 ug/l
 RT: 4.66 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: VX015242.D
 Acq: 12 Mar 2020 18:45

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.7	6.4	9.6
72	25.6	19.9	29.9





#31

2,2-Dichloropropane

Concen: 18.124 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 77 Resp: 71397

Ion Ratio Lower Upper

77 100

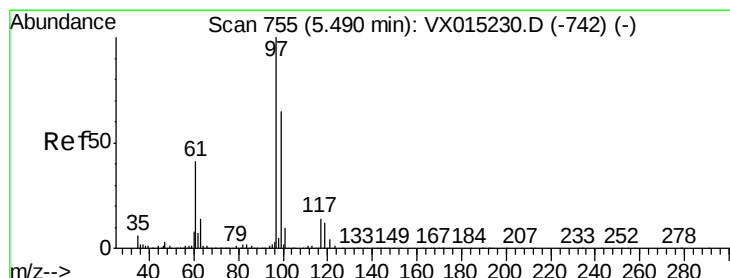
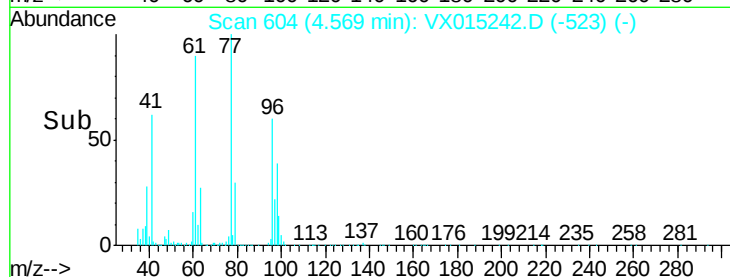
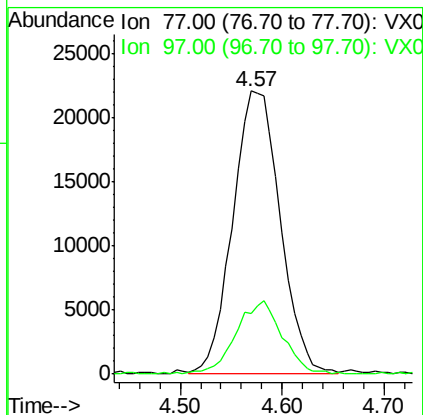
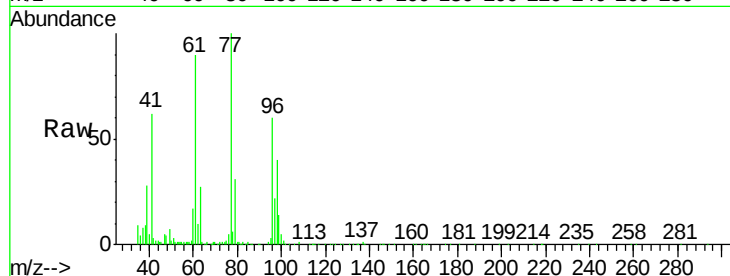
97 24.5 19.8 29.6

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#32

1,1,1-Trichloroethane

Concen: 19.294 ug/l m

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

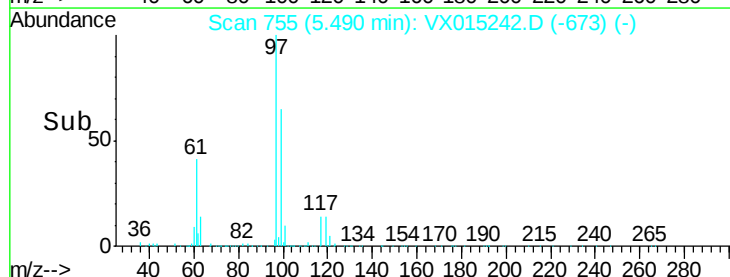
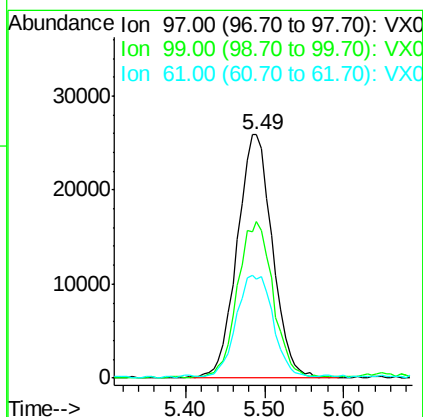
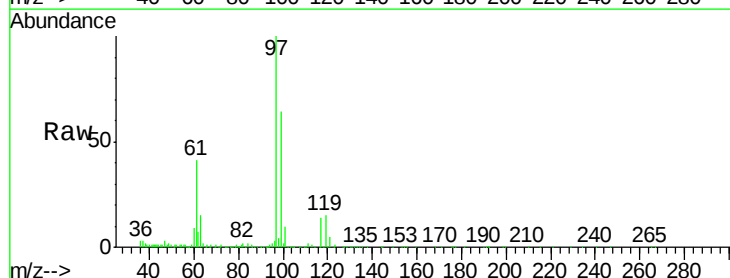
Tgt Ion: 97 Resp: 80511

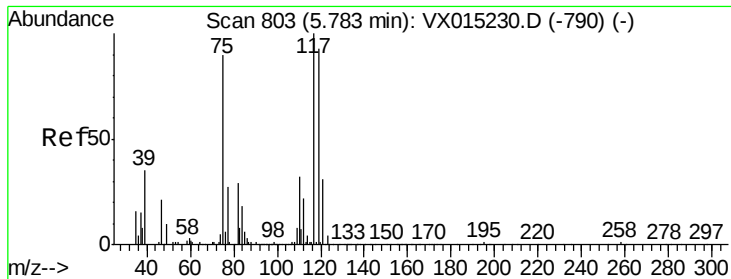
Ion Ratio Lower Upper

97 100

99 0.1 52.0 78.0#

61 0.1 35.0 52.6#





#33

Carbon Tetrachloride

Concen: 19.016 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.01 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Instrument :

MSVOA_X

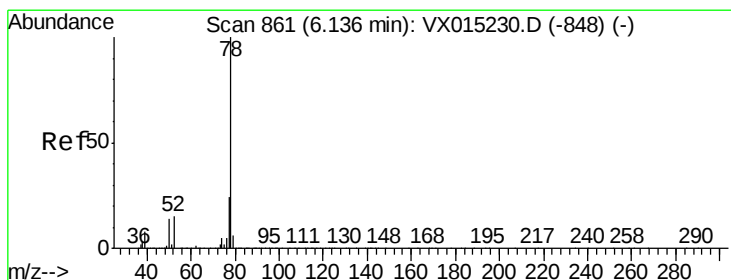
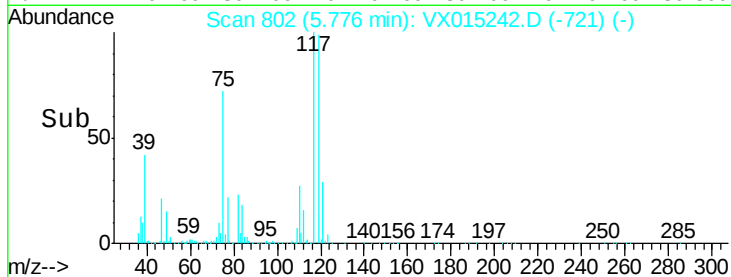
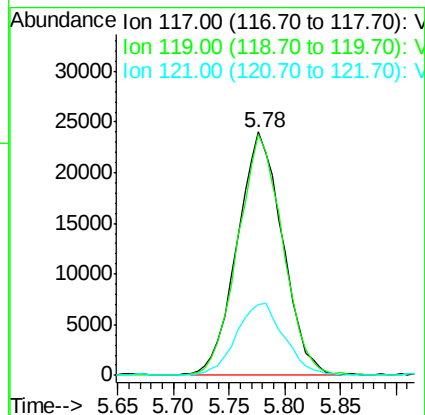
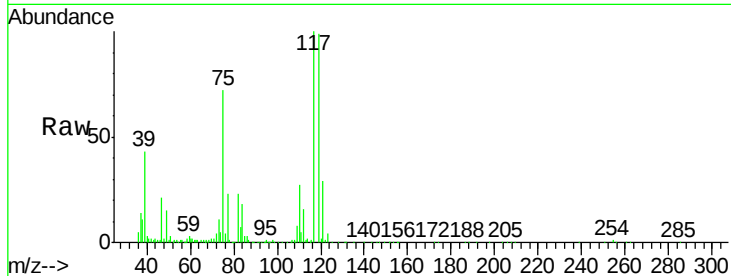
ClientSampleId :

VSTDCCC020EC

Tot Ion:	117	Resp:	67906
Ion	Ratio	Lower	Upper
117	100		
119	98.4	74.2	111.4
121	28.8	24.3	36.5

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#34

Benzene

Concen: 19.321 ug/l

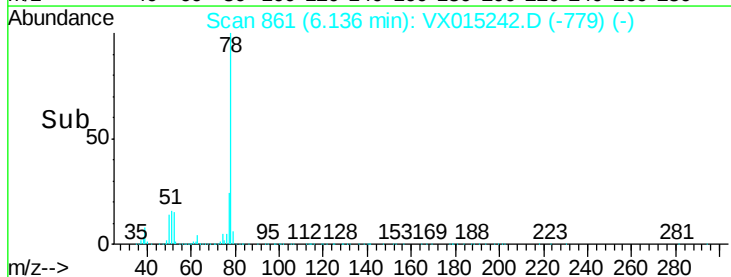
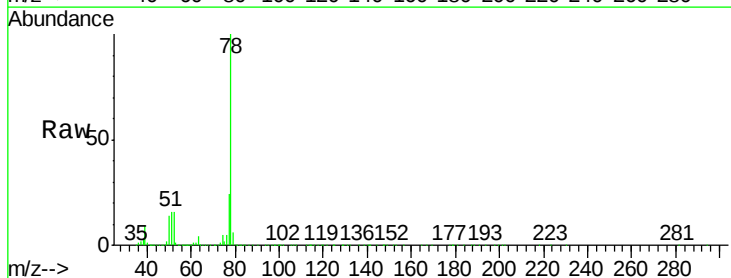
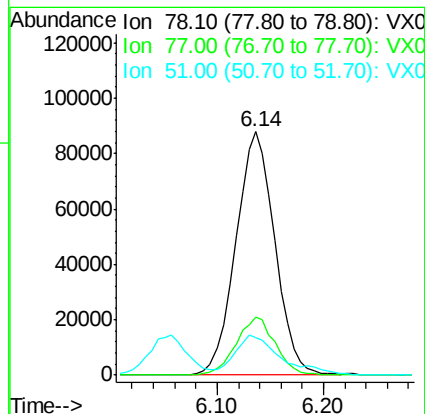
RT: 6.14 min Scan# 861

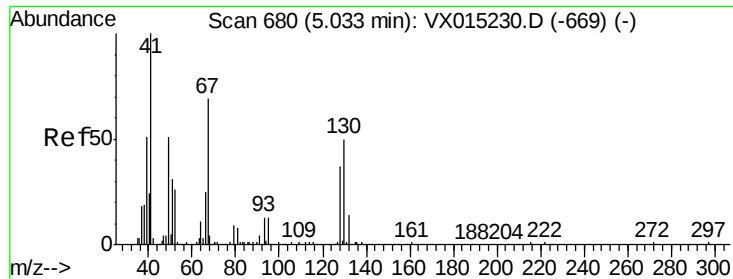
Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Tgt Ion:	78	Resp:	224505
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.1	28.7
51	14.9	13.4	20.2





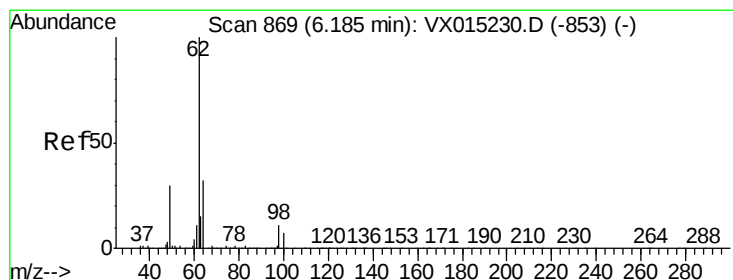
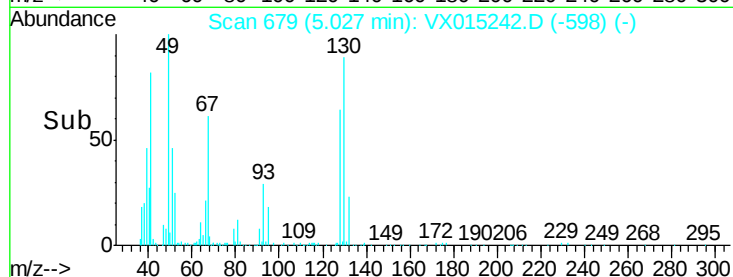
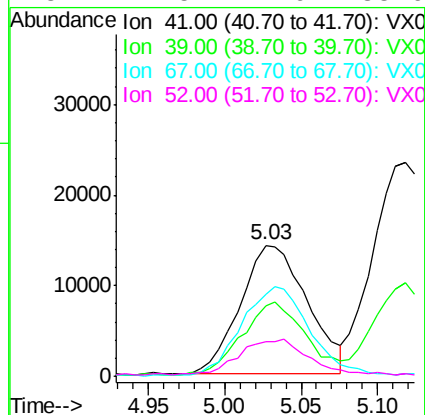
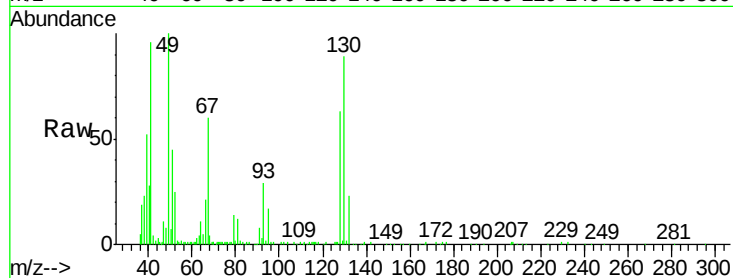
#35
Methacrylonitrile
Concen: 19.375 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015242.D
Acq: 12 Mar 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	50.3	25.7	77.1	
67	62.8	34.3	102.8	
52	24.5	12.9	38.6	

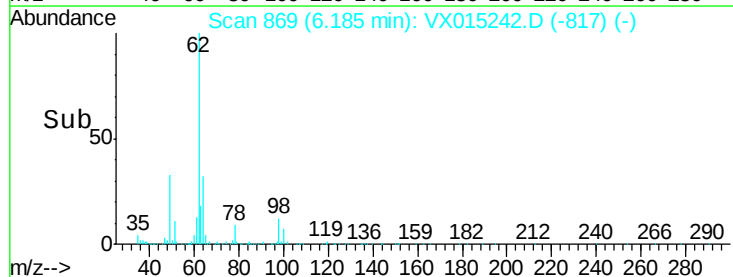
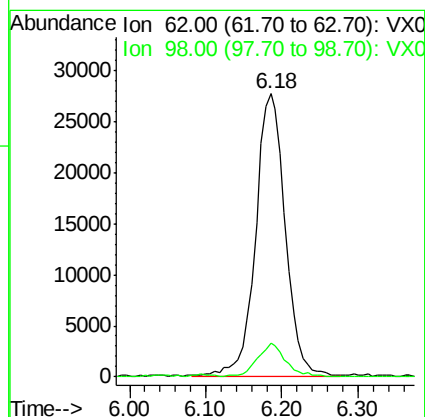
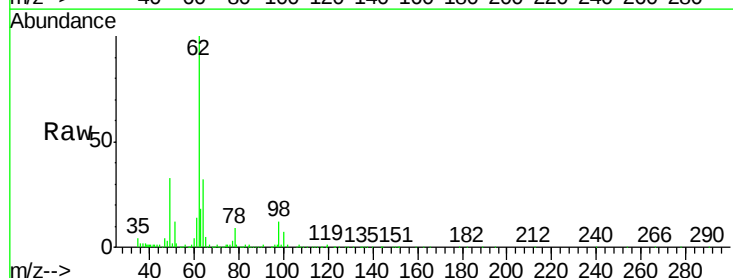
Manual Integrations
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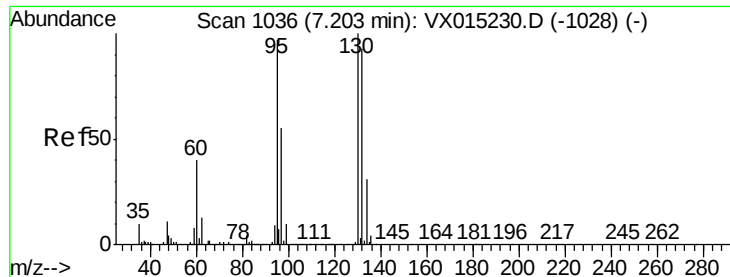
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#36
1,2-Dichloroethane
Concen: 19.471 ug/l m
RT: 6.18 min Scan# 869
Delta R.T. -0.18 min
Lab File: VX015242.D
Acq: 12 Mar 2020 18:45

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	0.0	8.4	12.6	#





#37

Trichloroethene

Concen: 19.591 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:130 Resp: 62958

Ion Ratio Lower Upper

130 100

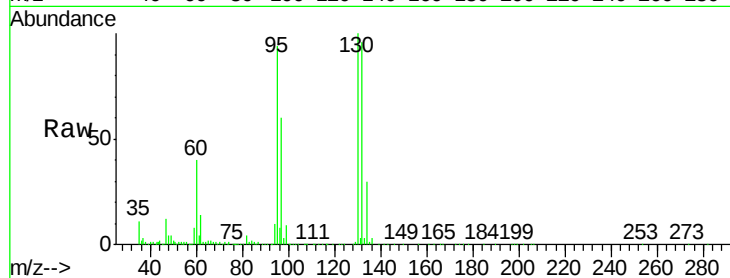
95 93.6 77.4 116.0

Manual Integrations

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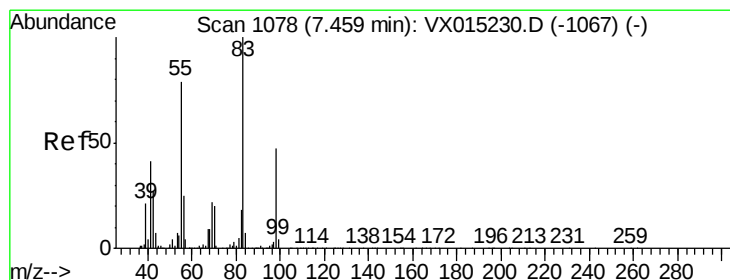
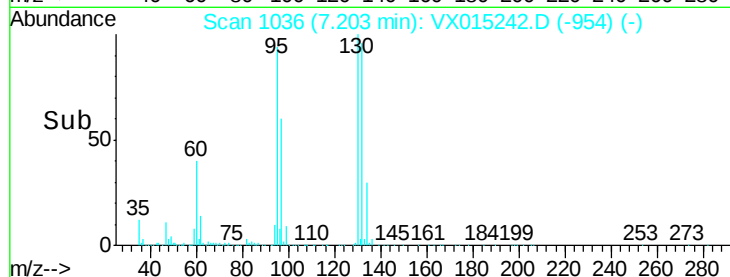
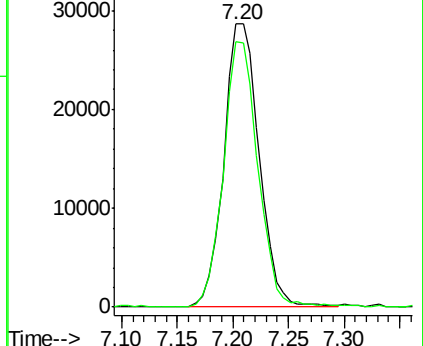
MMDadoda

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 18.671 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

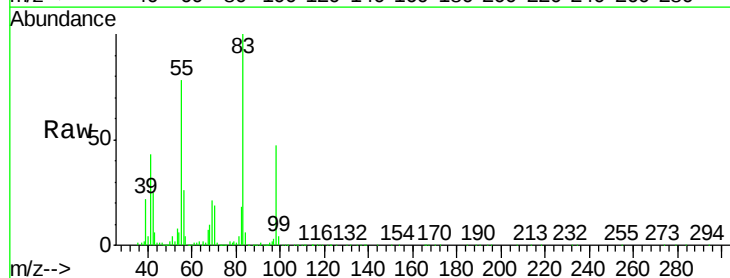
Tgt Ion: 83 Resp: 86991

Ion Ratio Lower Upper

83 100

55 79.4 39.1 117.2

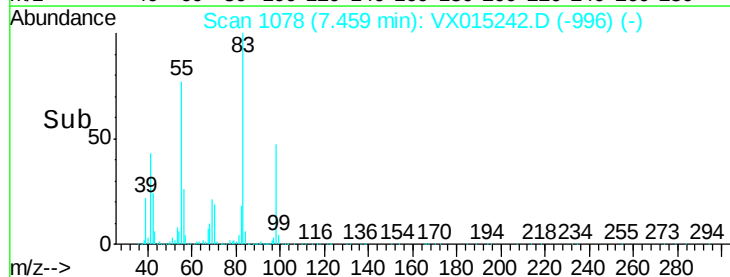
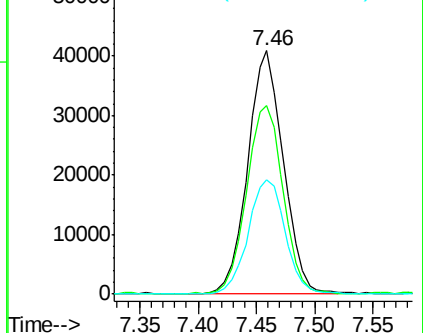
98 49.0 24.4 73.2

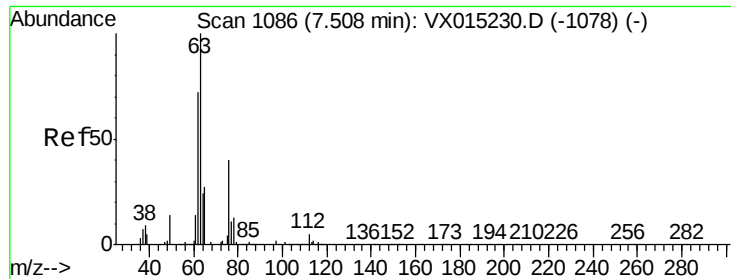


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





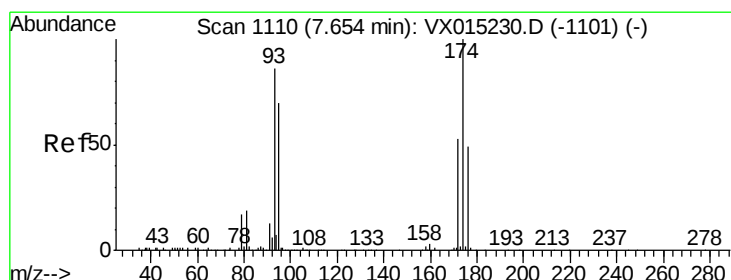
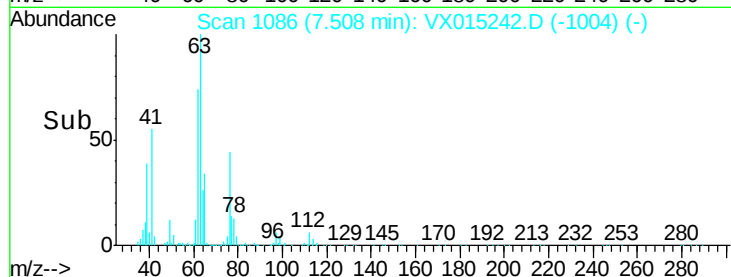
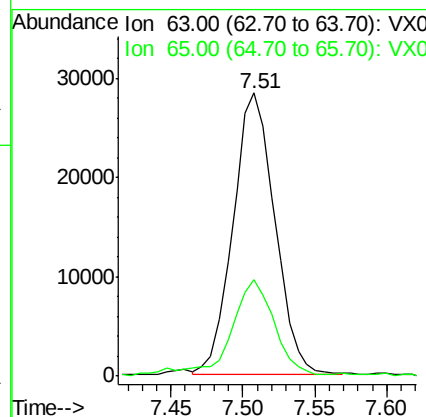
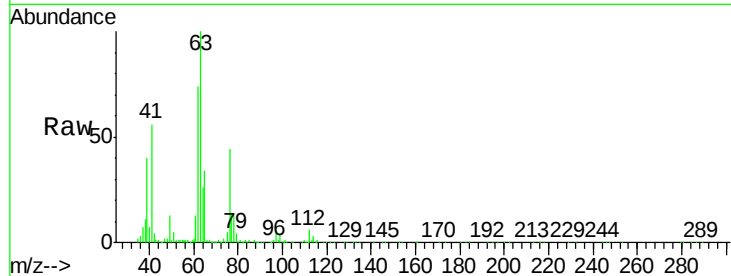
#39
 1,2-Dichloropropane
 Concen: 19.111 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX015242.D
 Acq: 12 Mar 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	33.3	23.2	34.8

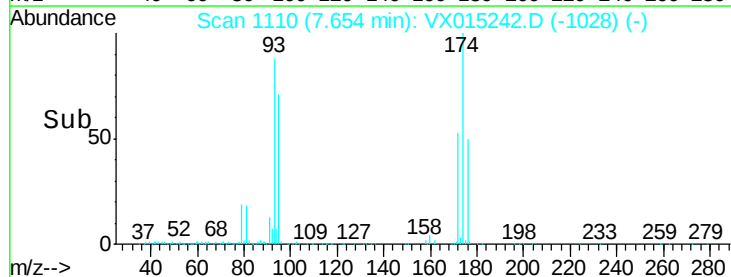
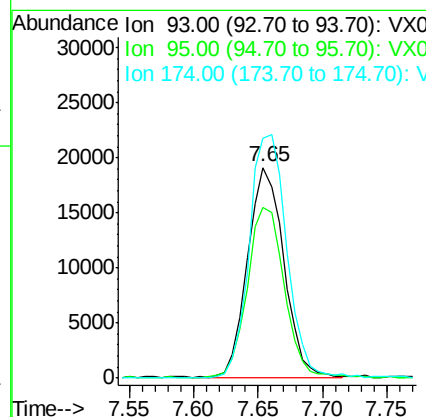
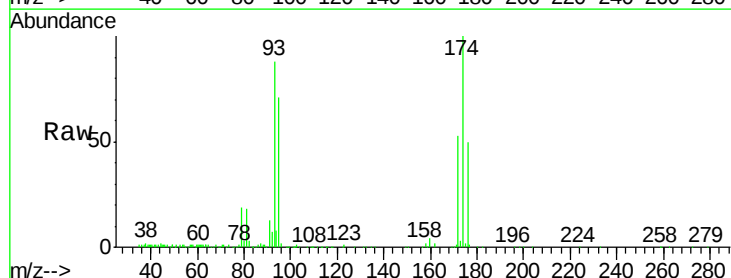
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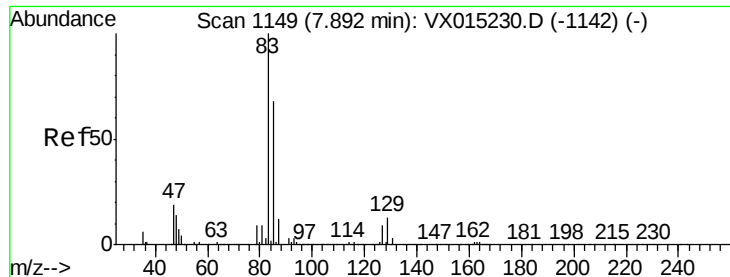
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#40
 Dibromomethane
 Concen: 19.633 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX015242.D
 Acq: 12 Mar 2020 18:45

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	0.0	162.6
174	117.9	0.0	233.6





#41

Bromodichloromethane

Concen: 19.375 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Instrument :

MSVOA_X

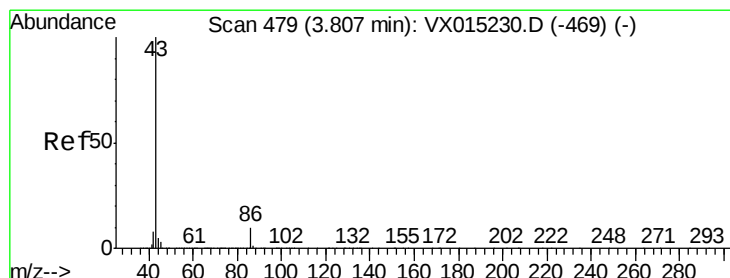
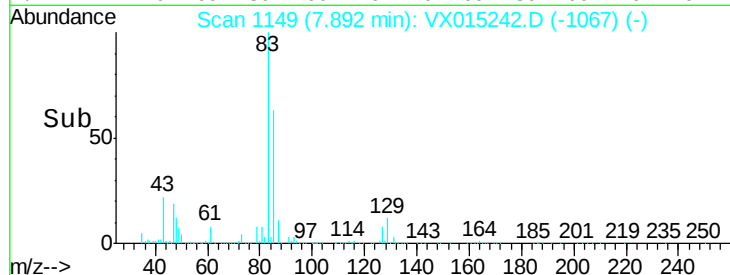
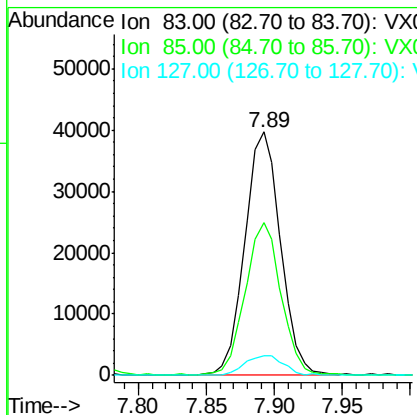
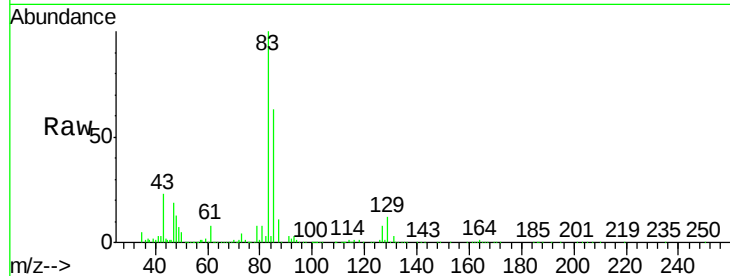
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	73110
Ion Ratio	Lower	Upper	
83	100		
85	62.7	54.2	81.4
127	8.2	7.1	10.7

Manual Integrations
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#42

Vinyl Acetate

Concen: 95.552 ug/l

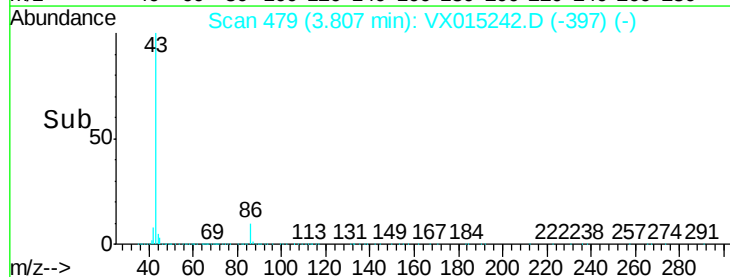
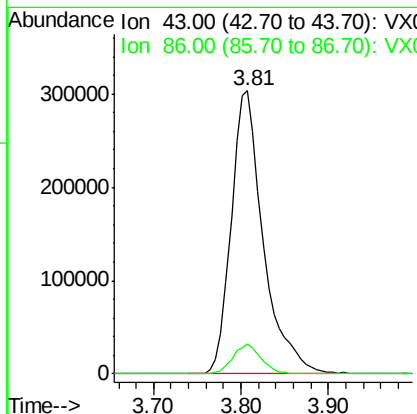
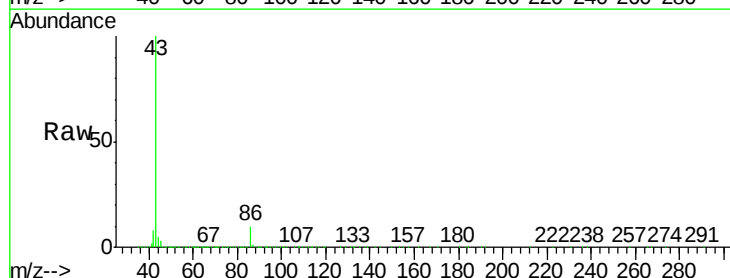
RT: 3.81 min Scan# 479

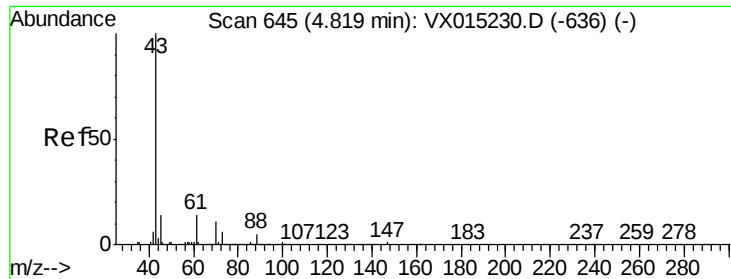
Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Tgt Ion:	43	Resp:	773797
Ion Ratio	Lower	Upper	
43	100		
86	9.3	7.4	11.2





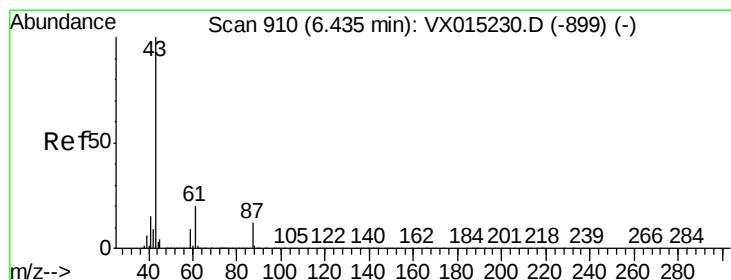
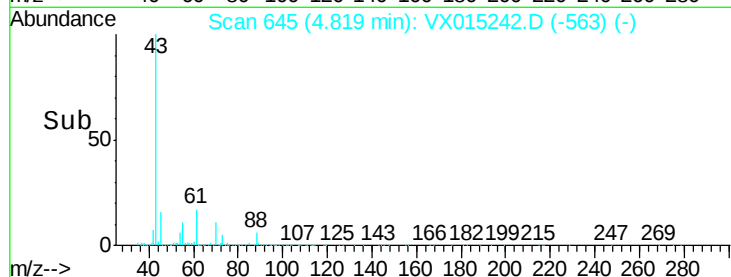
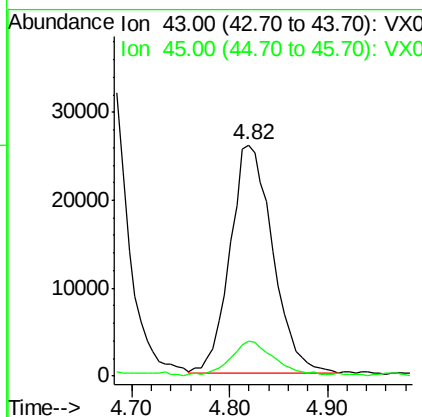
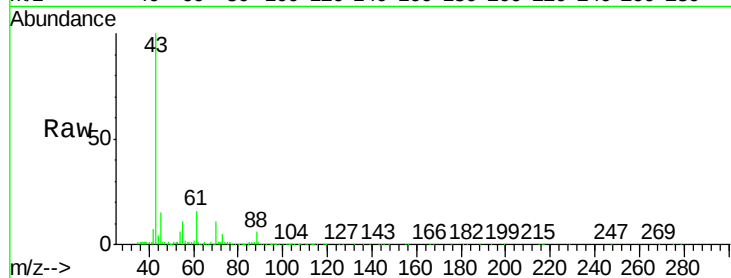
#43
Ethyl Acetate
Concen: 20.029 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX015242.D
Acq: 12 Mar 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 43 Resp: 78037
Ion Ratio Lower Upper
43 100
45 14.7 11.7 17.5

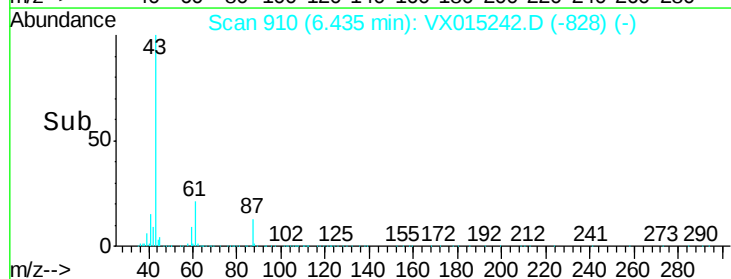
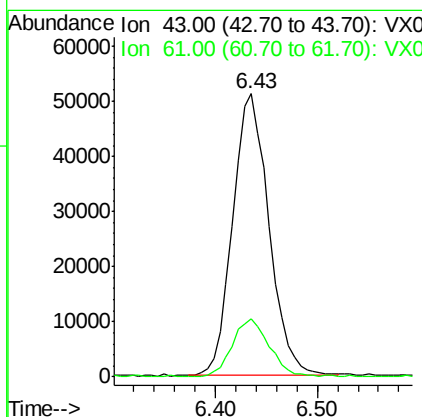
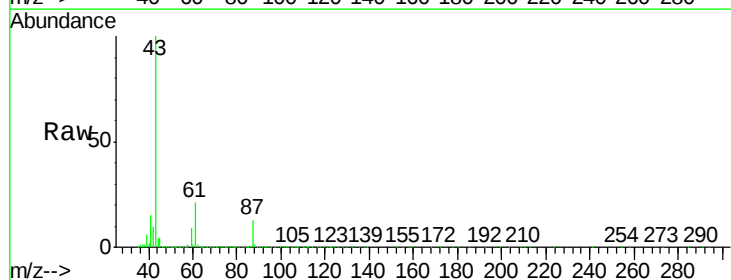
Manual Integrations
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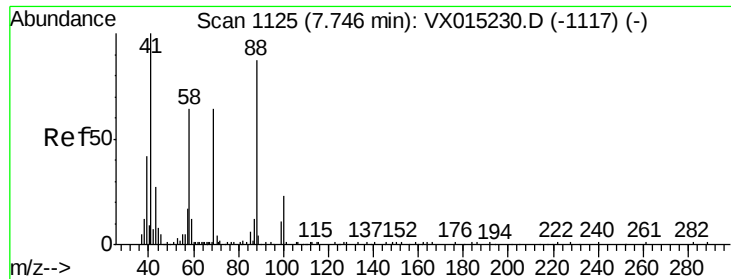
MMDadoda
3/16/2020 11:43:57 AM



#44
Isopropyl Acetate
Concen: 19.193 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX015242.D
Acq: 12 Mar 2020 18:45

Tgt Ion: 43 Resp: 126488
Ion Ratio Lower Upper
43 100
61 20.4 17.0 25.4





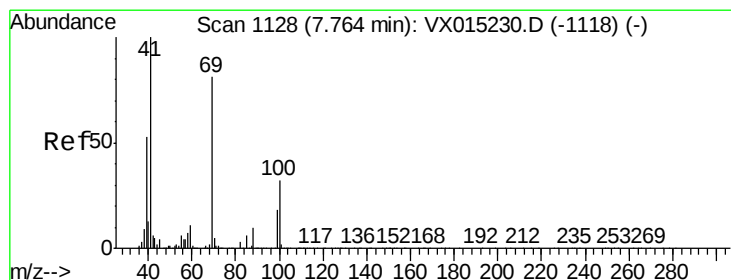
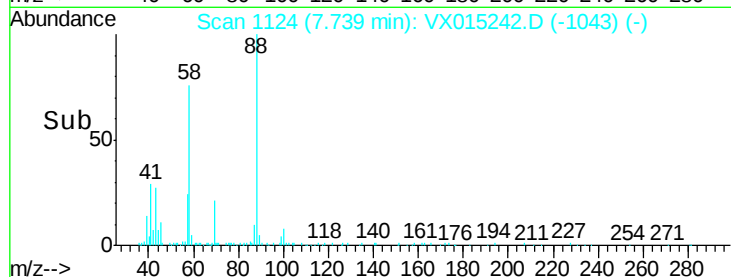
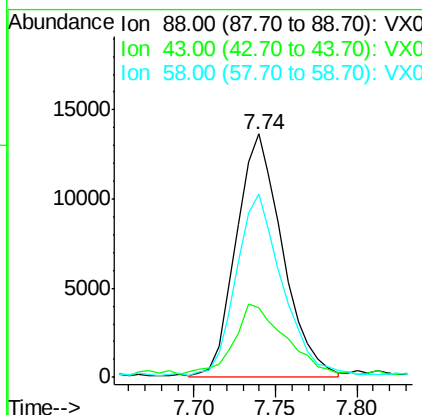
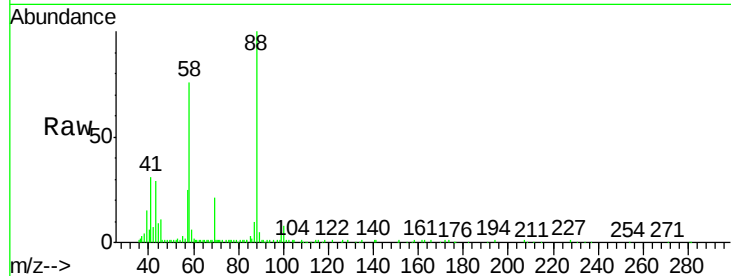
#45
1,4-Dioxane
Concen: 417.803 ug/l
RT: 7.74 min Scan# 1124
Delta R.T. -0.01 min
Lab File: VX015242.D
Acq: 12 Mar 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.9	26.4	39.6
58	73.7	57.3	85.9

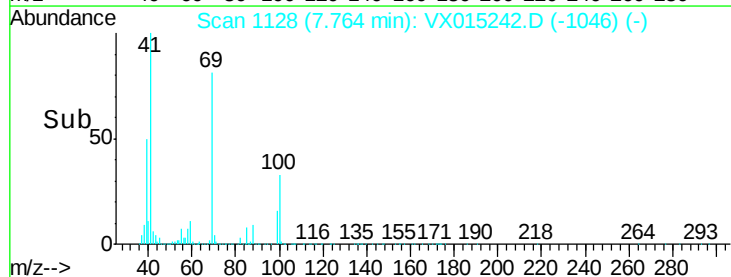
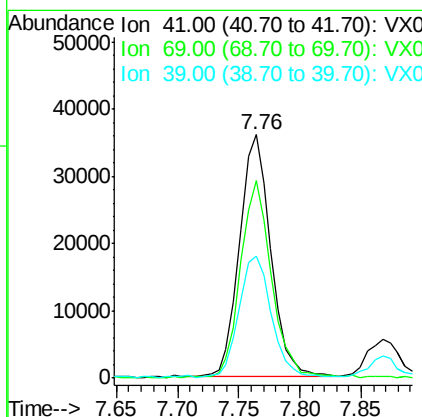
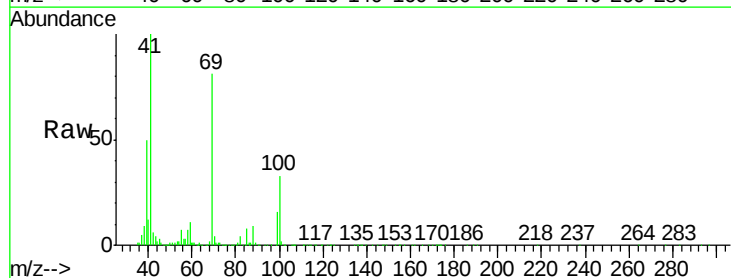
Manual Integrations
APPROVED

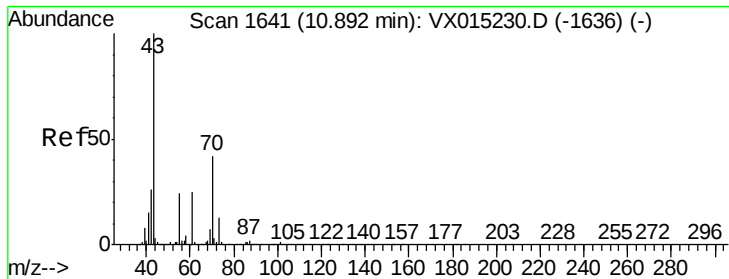
MMDadoda
3/16/2020 11:43:57 AM



#46
Methyl methacrylate
Concen: 19.695 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX015242.D
Acq: 12 Mar 2020 18:45

Tgt Ion	Ratio	Lower	Upper
41	100		
69	80.8	40.5	121.4
39	49.9	26.6	79.8





#47

n-amvl Acetate

Concen: 17.938 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 43 Resp: 106075

Ion Ratio Lower Upper

43 100

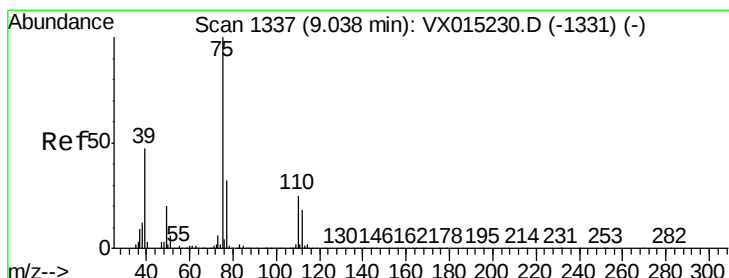
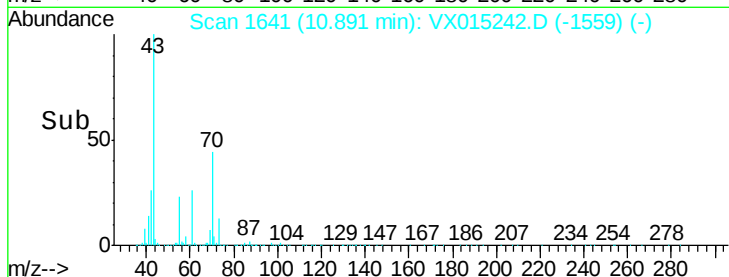
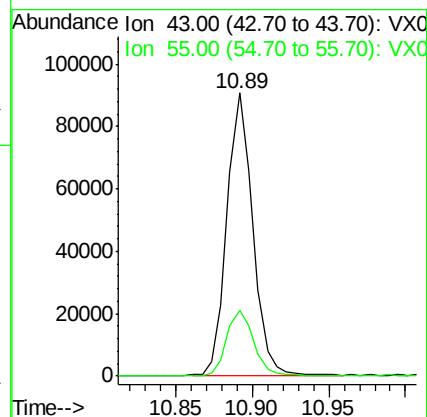
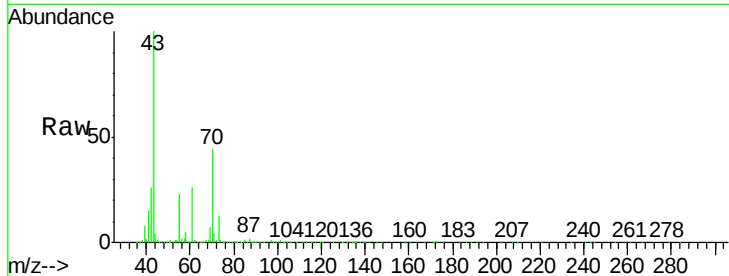
55 24.8 20.4 30.6

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 20.743 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX015242.D

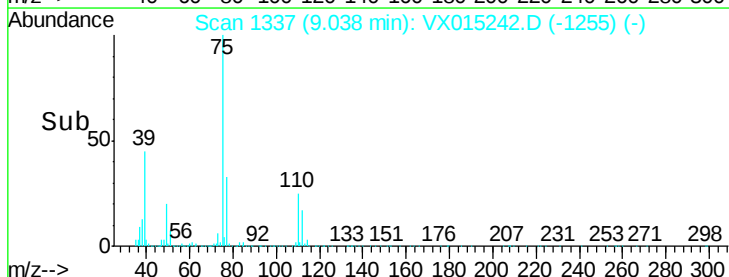
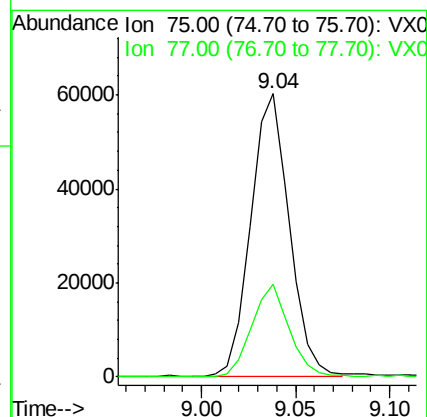
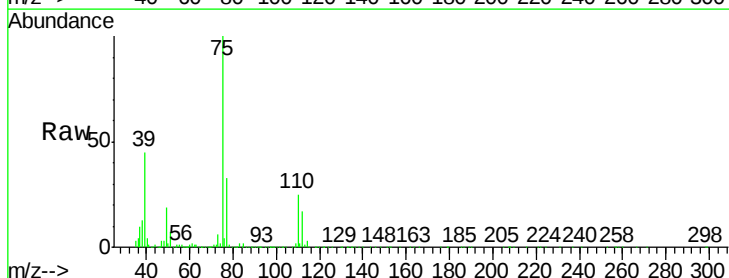
Acq: 12 Mar 2020 18:45

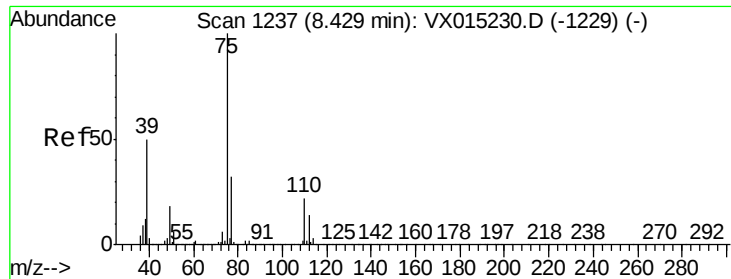
Tgt Ion: 75 Resp: 85109

Ion Ratio Lower Upper

75 100

77 32.6 25.1 37.7





#49

cis-1,3-Dichloropropene

Concen: 19.462 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Instrument :

MSVOA_X

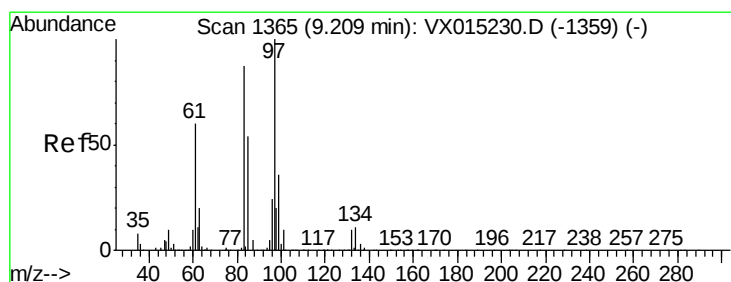
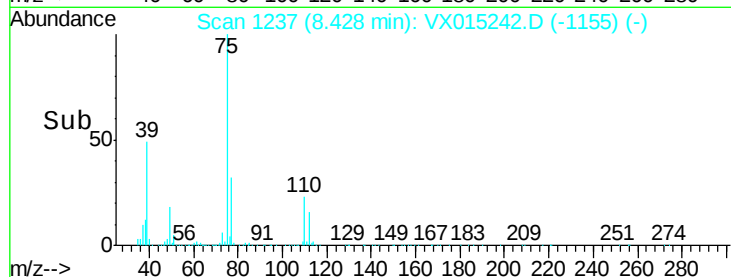
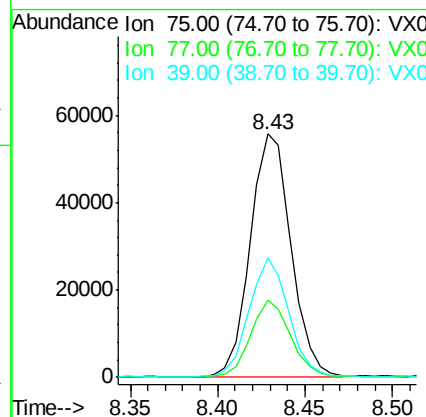
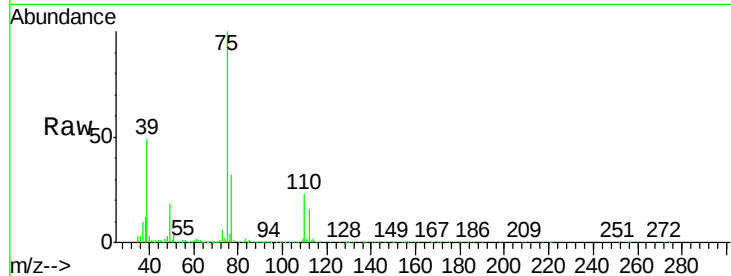
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	90682
Ion Ratio	Lower	Upper	
75	100		
77	31.5	25.3	37.9
39	49.2	39.8	59.6

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 22.127 ug/l

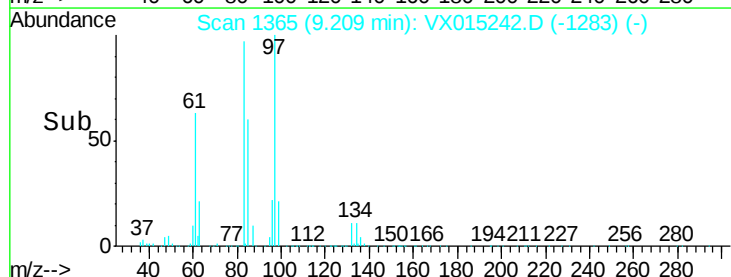
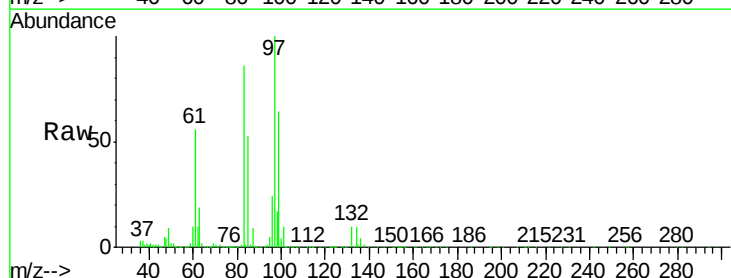
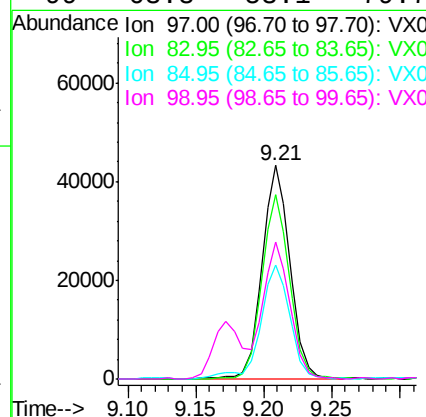
RT: 9.21 min Scan# 1365

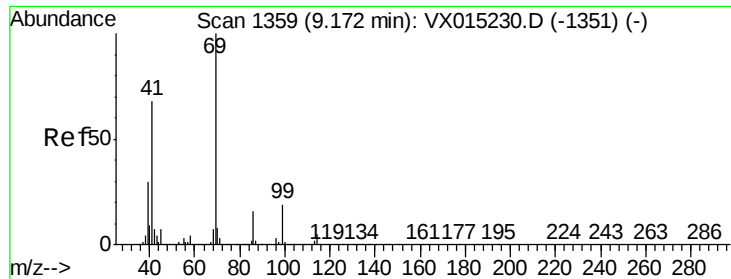
Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Tgt Ion:	97	Resp:	62420
Ion Ratio	Lower	Upper	
97	100		
83	86.1	69.7	104.5
85	52.9	45.4	68.0
99	63.8	53.1	79.7





#51

Ethyl methacrylate

Concen: 20.452 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Instrument :

MSVOA_X

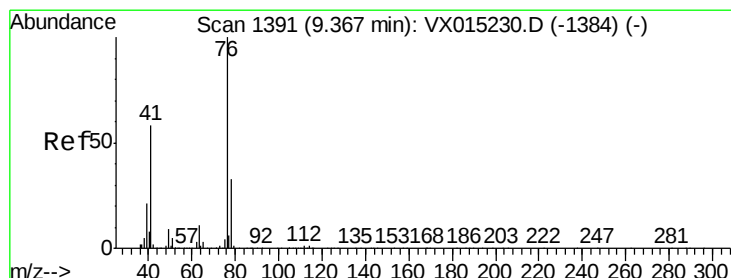
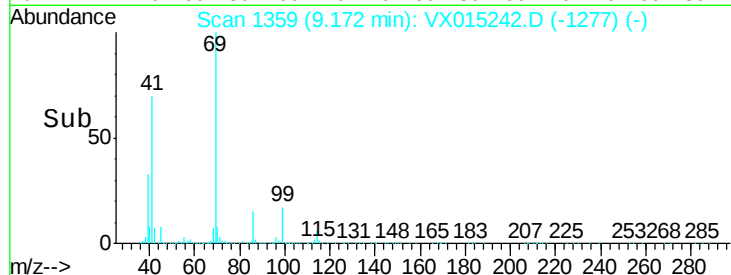
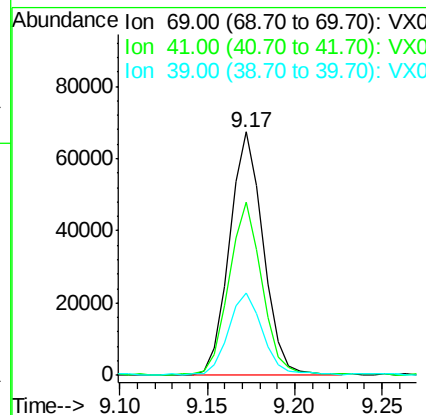
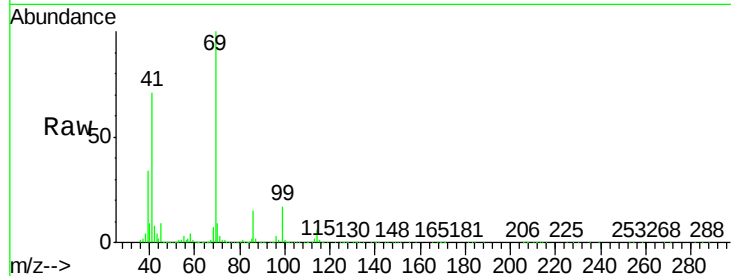
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	90026
Ion Ratio	Lower	Upper	
69	100		
41	70.6	33.8	101.3
39	33.3	15.1	45.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 21.940 ug/l

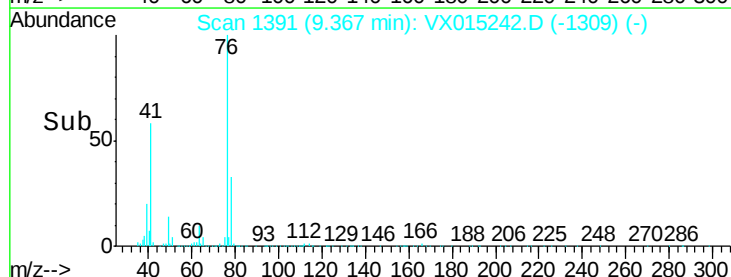
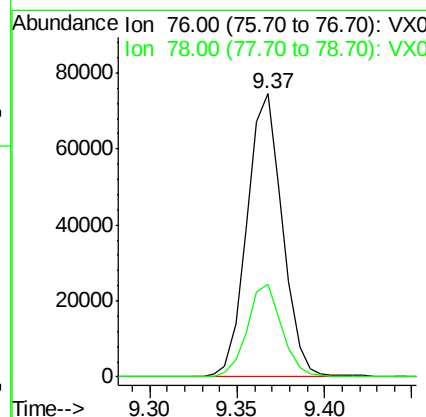
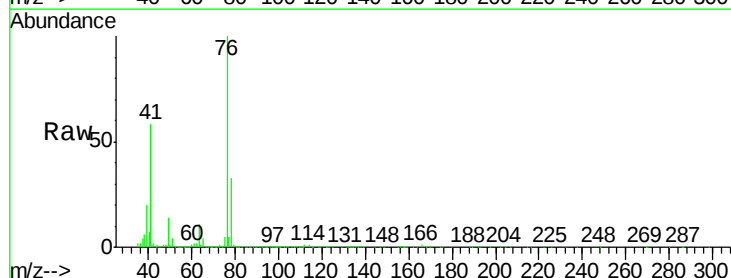
RT: 9.37 min Scan# 1391

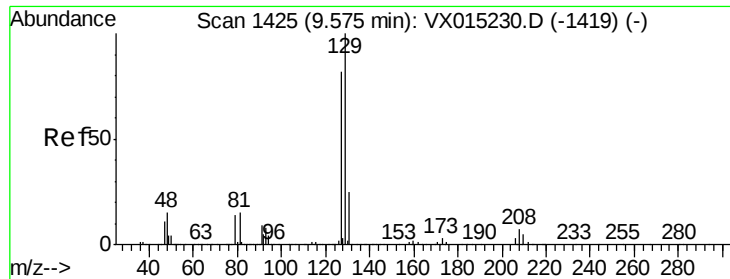
Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Tgt Ion:	76	Resp:	104749
Ion Ratio	Lower	Upper	
76	100		
78	32.2	0.0	65.2





#53

Dibromochloromethane

Concen: 20.898 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:129 Resp: 62783

Ion Ratio Lower Upper

129 100

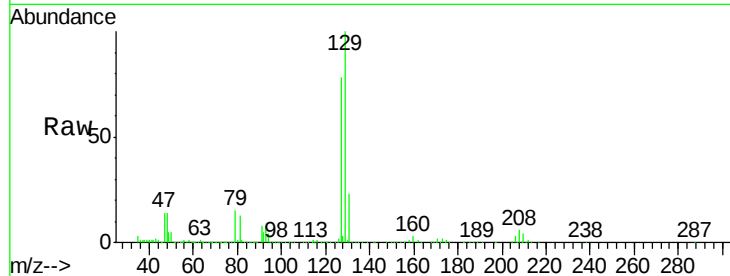
127 77.2 40.4 121.1

Manual Integrations

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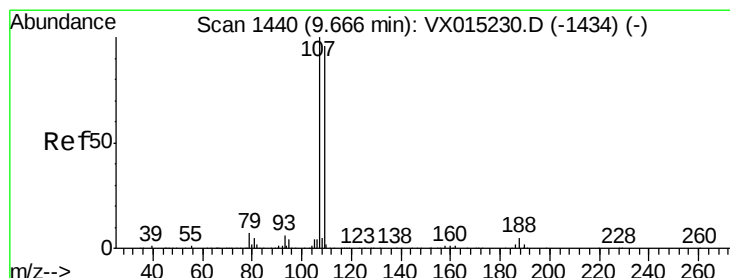
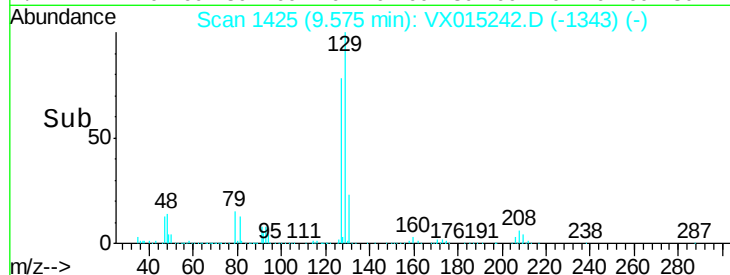
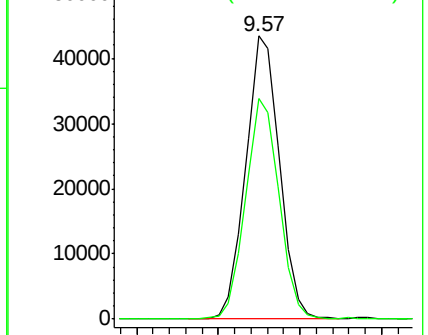
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 21.421 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015242.D

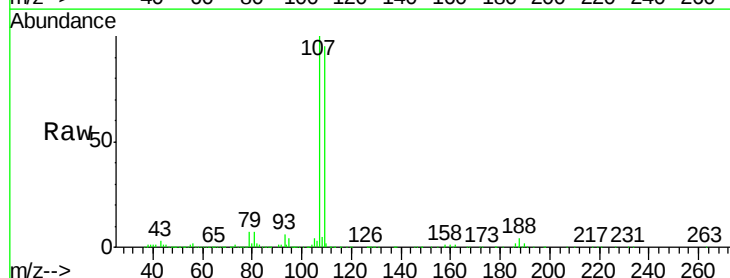
Acq: 12 Mar 2020 18:45

Tgt Ion:107 Resp: 62335

Ion Ratio Lower Upper

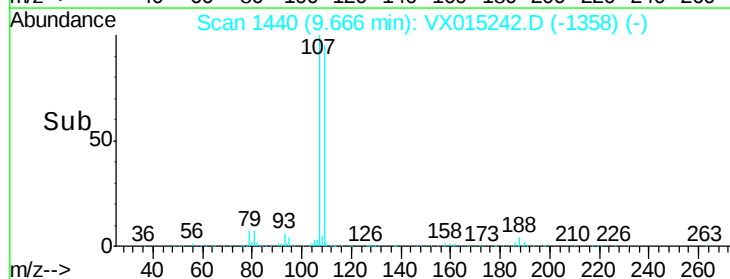
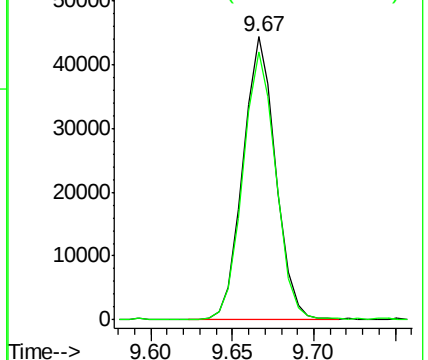
107 100

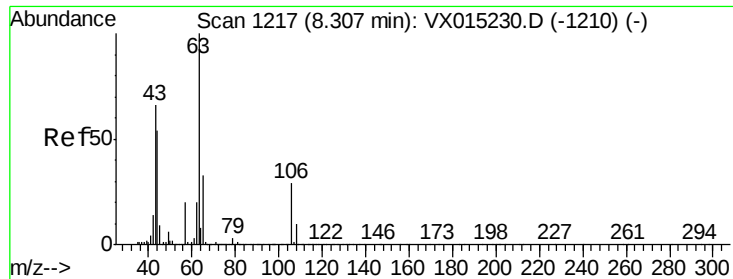
109 94.6 75.0 112.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 103.183 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Instrument :

MSVOA_X

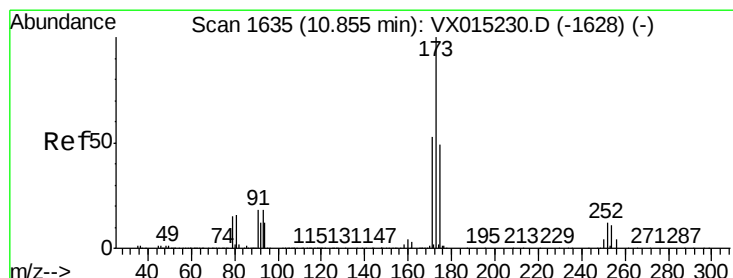
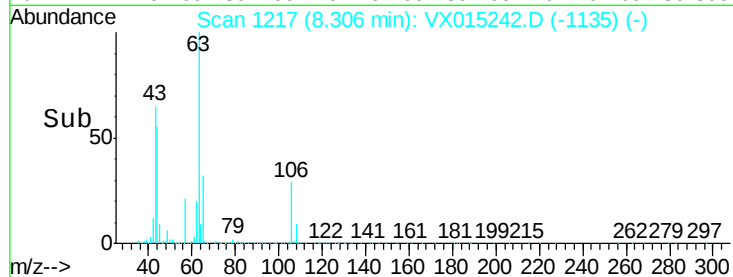
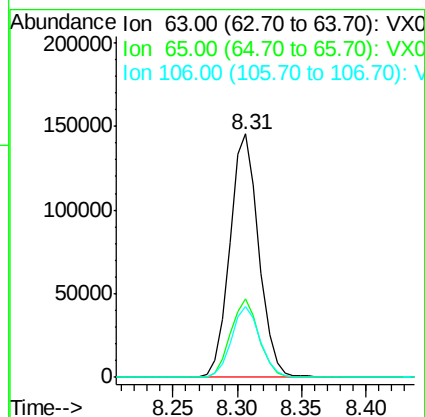
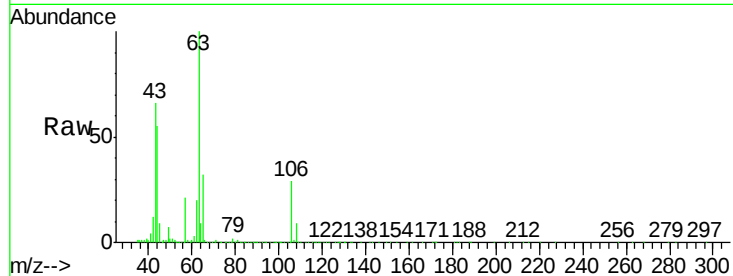
ClientSampleId :

VSTDCCC020EC

Tot Ion:	63	Resp:	227474
Ion	Ratio	Lower	Upper
63	100		
65	31.6	25.6	38.4
106	28.8	23.0	34.4

Manual Integrations
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#56

Bromoform

Concen: 19.348 ug/l

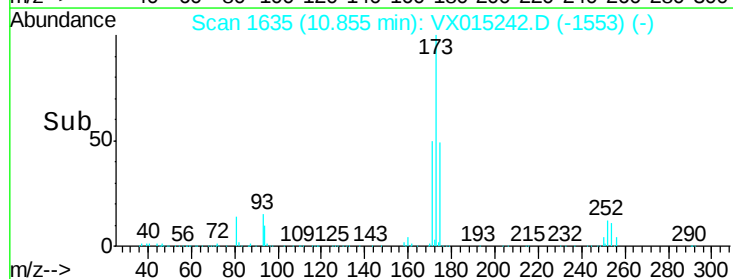
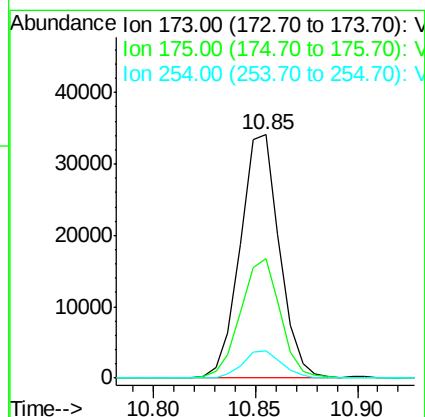
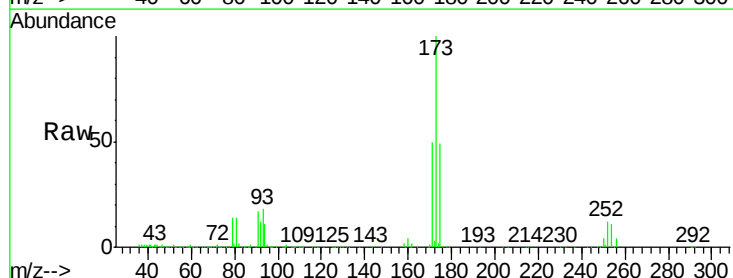
RT: 10.85 min Scan# 1635

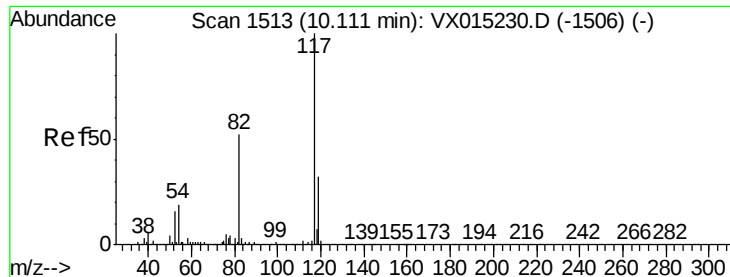
Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Tgt Ion:	173	Resp:	45574
Ion	Ratio	Lower	Upper
173	100		
175	49.8	38.9	58.3
254	11.5	9.1	13.7





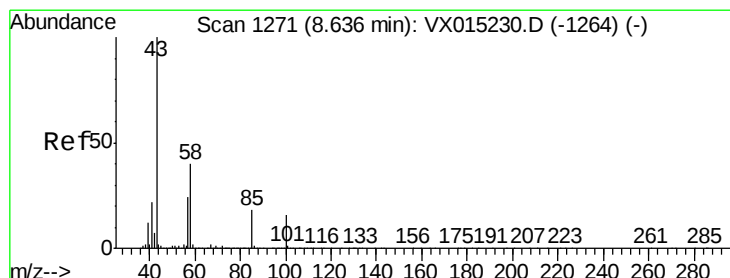
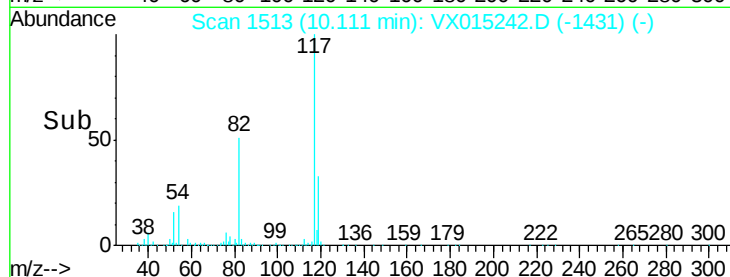
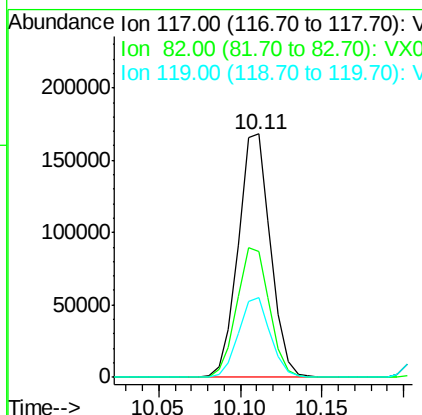
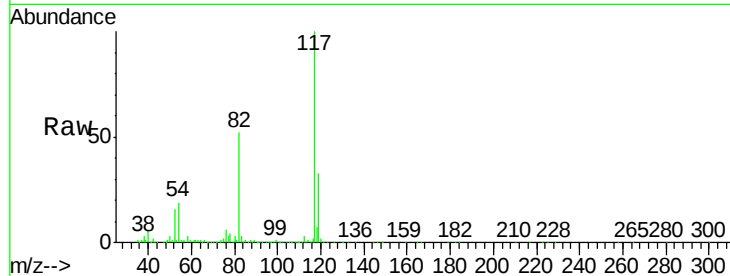
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015242.D
Acq: 12 Mar 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.7	43.2	64.8
119	32.1	25.8	38.8

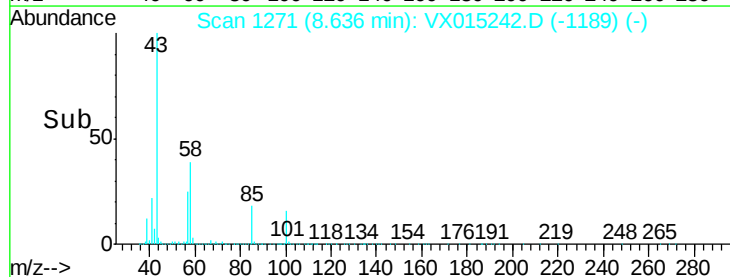
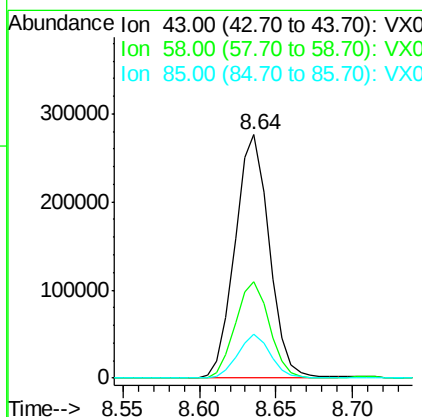
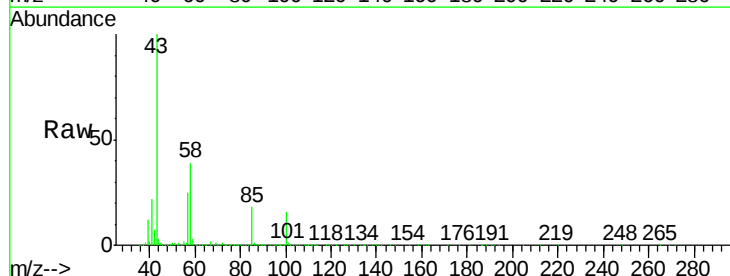
Manual Integrations
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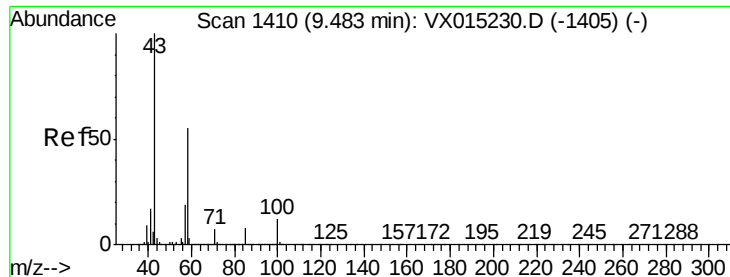
MMDadoda
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#58
4-Methyl-2-Pentanone
Concen: 108.551 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX015242.D
Acq: 12 Mar 2020 18:45

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.5	31.6	47.4
85	17.1	13.8	20.8





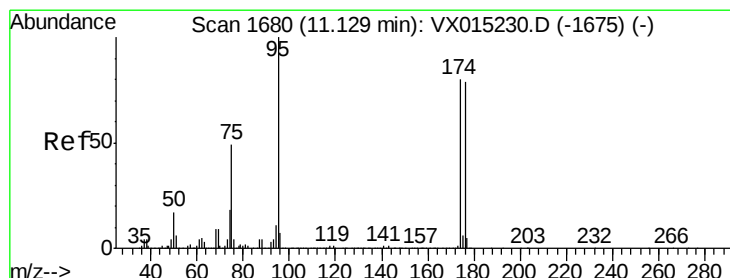
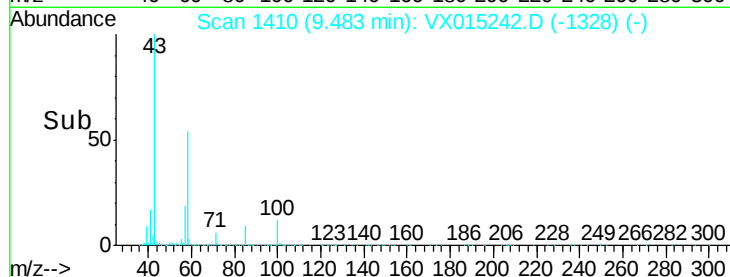
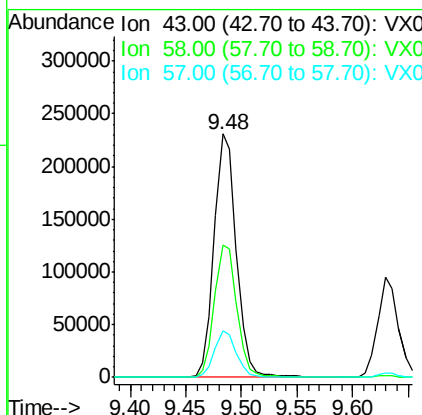
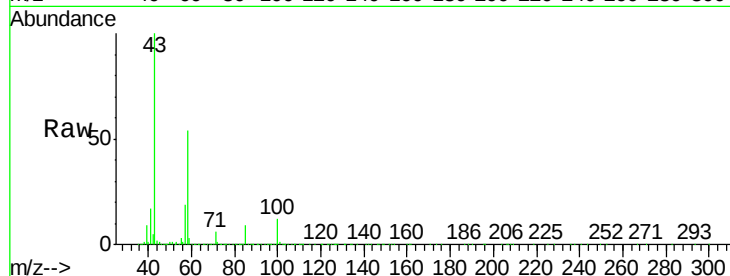
#59
2-Hexanone
Concen: 107.058 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015242.D
Acq: 12 Mar 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.9	44.6	66.8
57	18.9	14.6	21.8

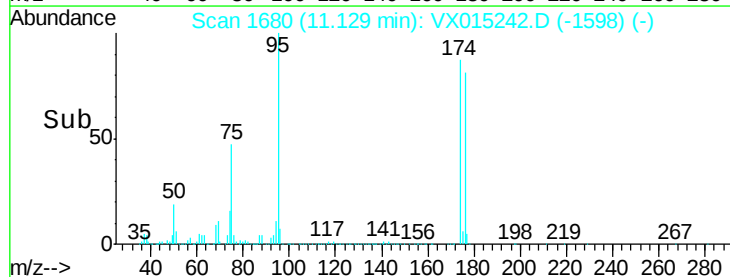
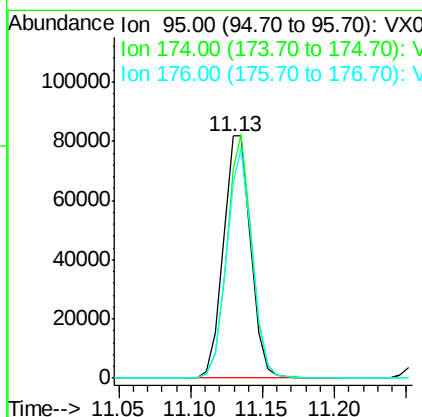
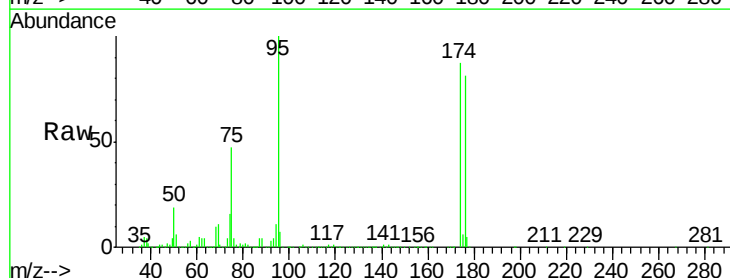
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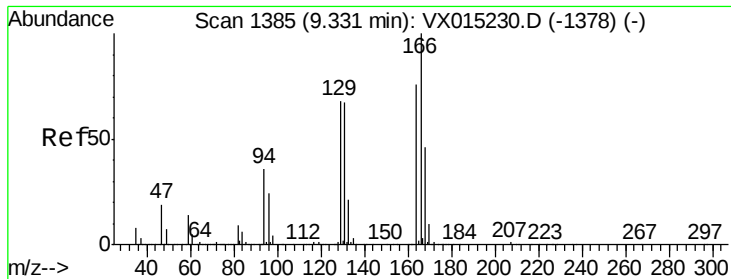
MMDadoda
3/16/2020 11:43:57 AM



#60
4-Bromofluorobenzene
Concen: 29.529 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX015242.D
Acq: 12 Mar 2020 18:45

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.3	72.0	108.0
176	88.7	70.1	105.1





#61

Tetrachloroethene

Concen: 21.717 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Instrument :

MSVOA_X

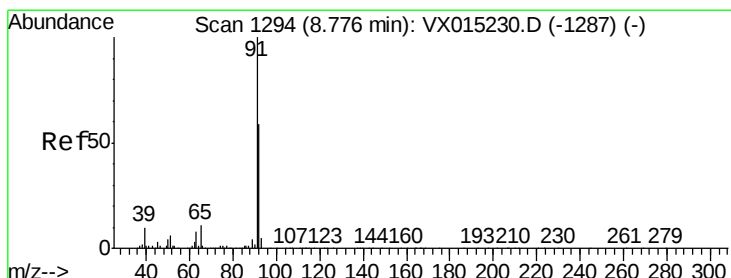
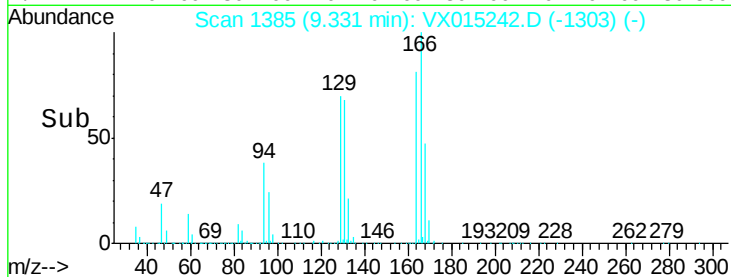
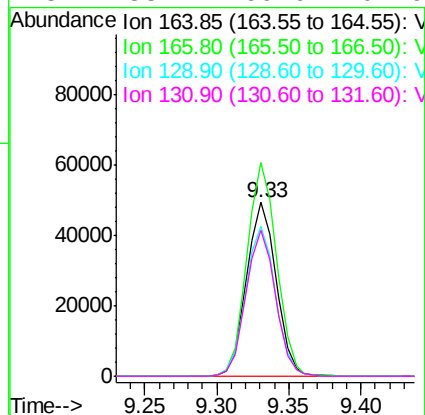
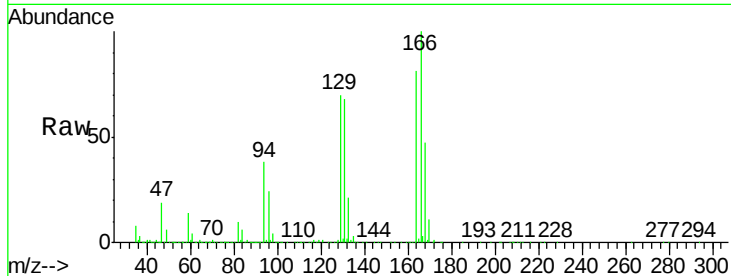
ClientSampleId :

VSTDCCC020EC

Tot Ion:	164	Resp:	70179
Ion	Ratio	Lower	Upper
164	100		
166	122.7	105.1	157.7
129	86.2	71.5	107.3
131	83.7	69.9	104.9

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#62

Toluene

Concen: 21.119 ug/l

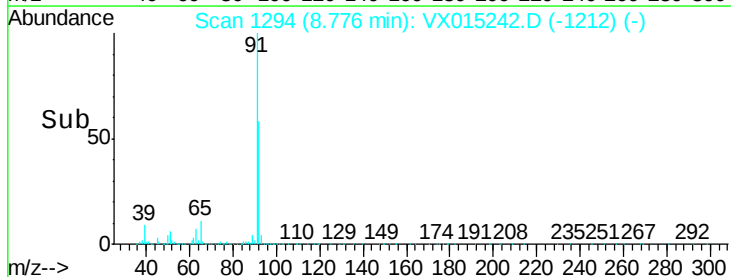
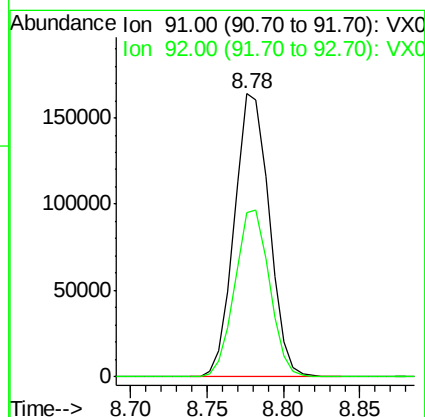
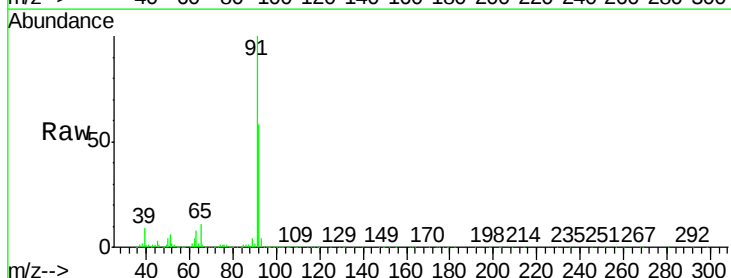
RT: 8.78 min Scan# 1294

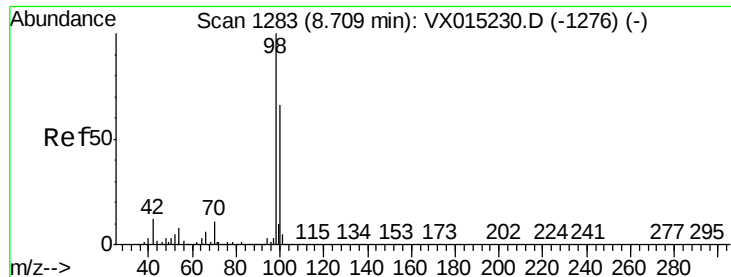
Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Tgt Ion:	91	Resp:	259433
Ion	Ratio	Lower	Upper
91	100		
92	59.0	47.1	70.7





#63

Toluene-d8

Concen: 32.640 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 98 Resp: 324565

Ion Ratio Lower Upper

98 100

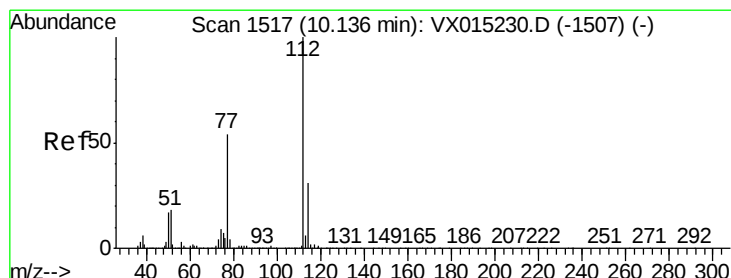
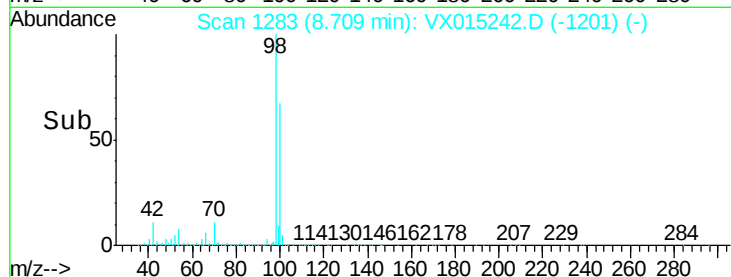
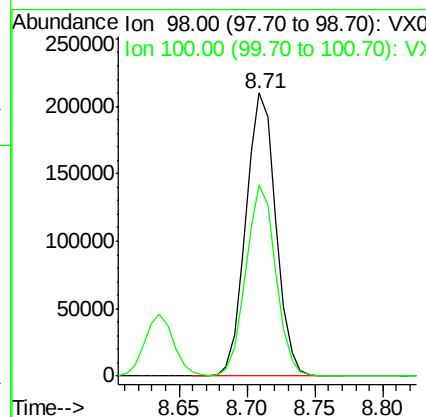
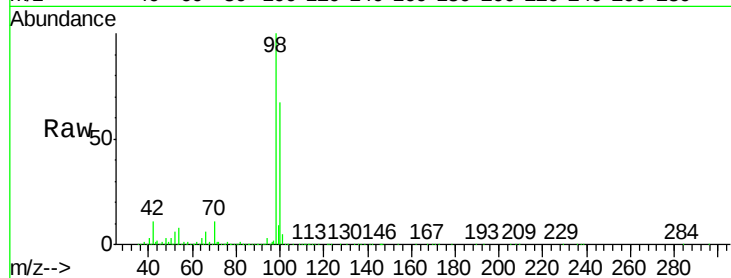
100 66.7 53.0 79.4

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#64

Chlorobenzene

Concen: 19.427 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX015242.D

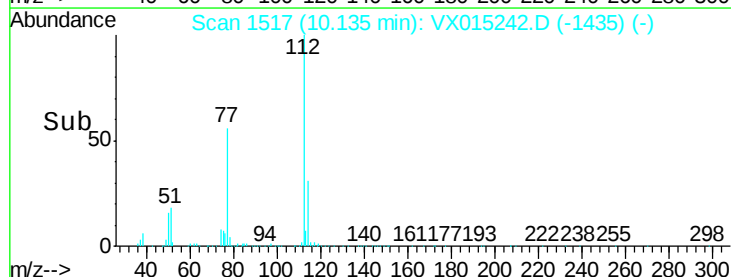
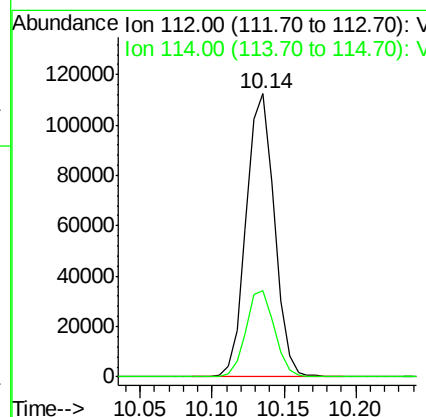
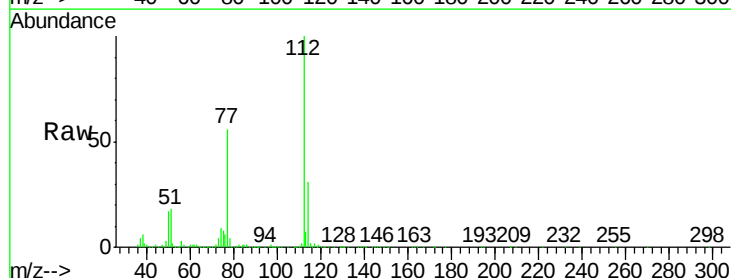
Acq: 12 Mar 2020 18:45

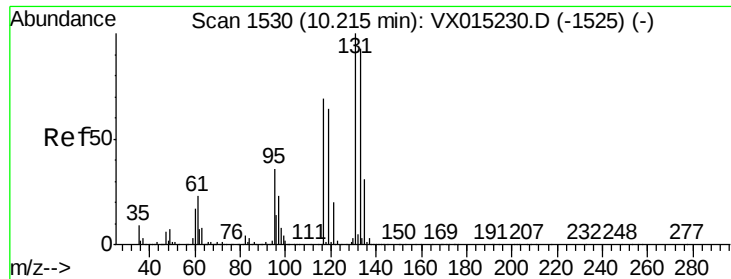
Tgt Ion: 112 Resp: 152493

Ion Ratio Lower Upper

112 100

114 30.6 24.8 37.2





#65

1,1,1,2-Tetrachloroethane

Concen: 19.739 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Instrument :

MSVOA_X

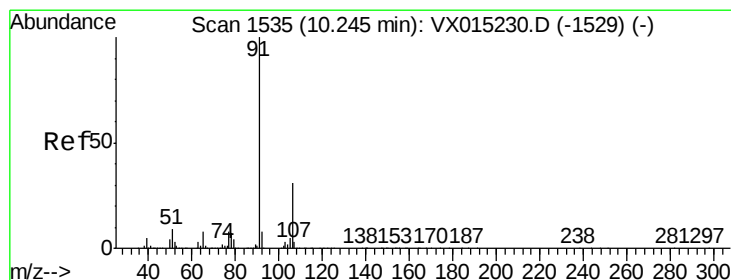
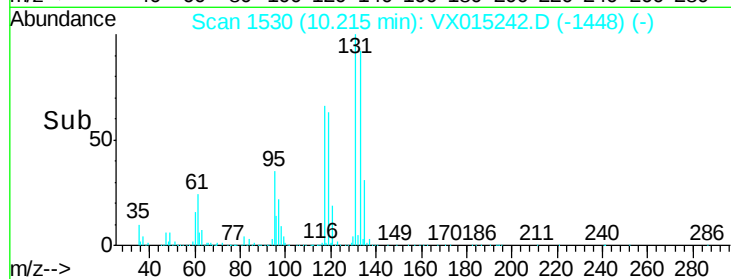
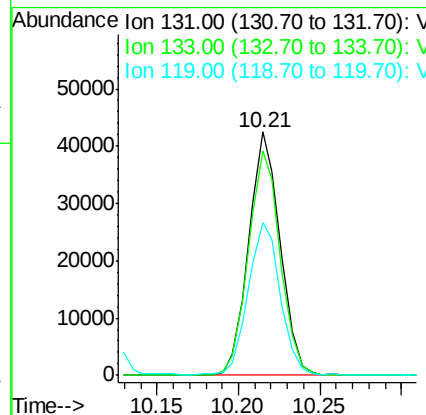
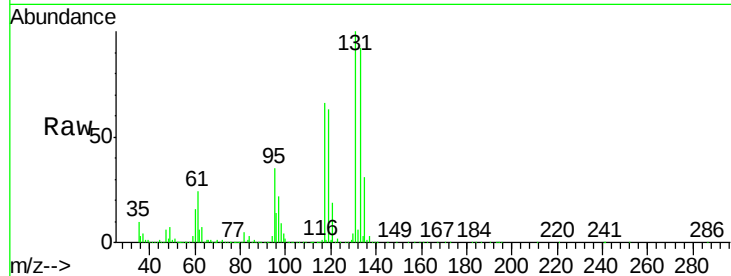
ClientSampleId :

VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
131	100		
133	93.2	0.0	188.0
119	62.9	0.0	131.0

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#66

Ethyl Benzene

Concen: 18.992 ug/l

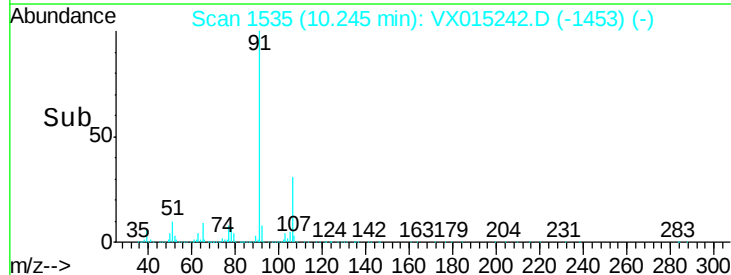
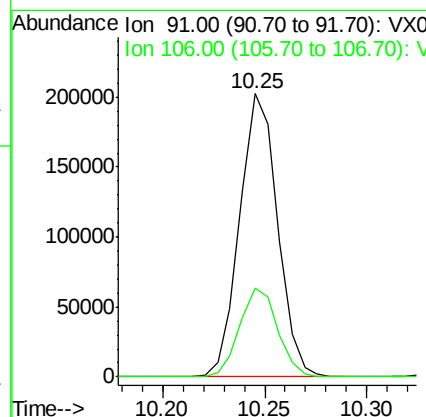
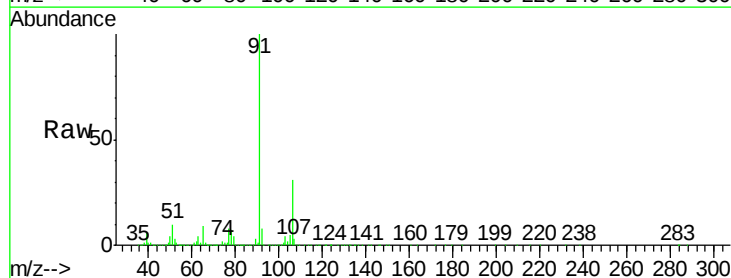
RT: 10.25 min Scan# 1535

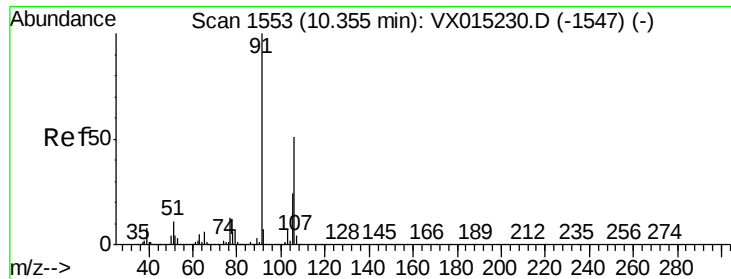
Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.2	24.9	37.3





#67

m/p-Xylenes

Concen: 38.306 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:106 Resp: 201221

Ion Ratio Lower Upper

106 100

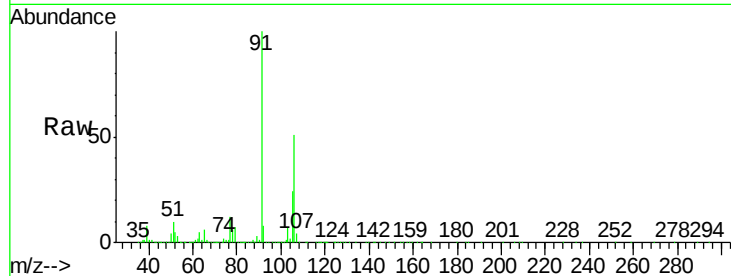
91 201.3 160.1 240.1

Manual Integrations

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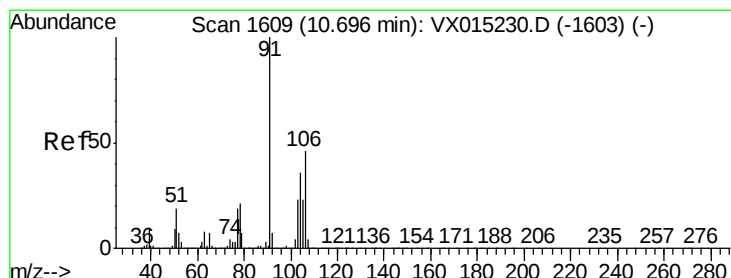
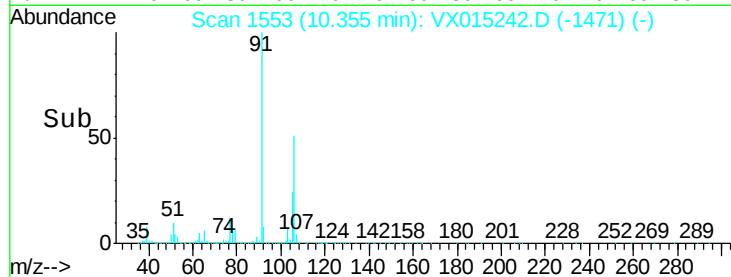
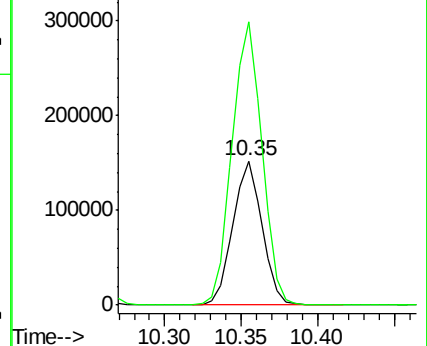
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Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 19.401 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX015242.D

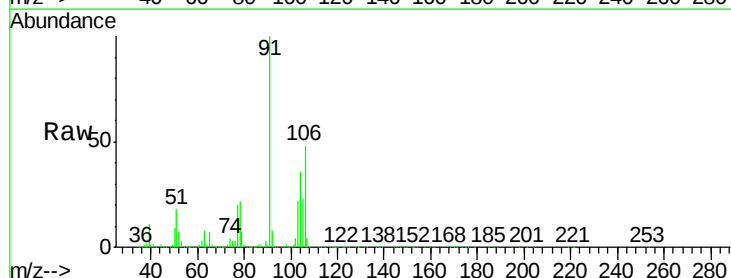
Acq: 12 Mar 2020 18:45

Tgt Ion:106 Resp: 97710

Ion Ratio Lower Upper

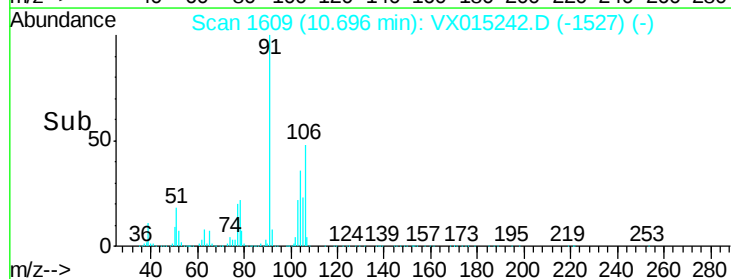
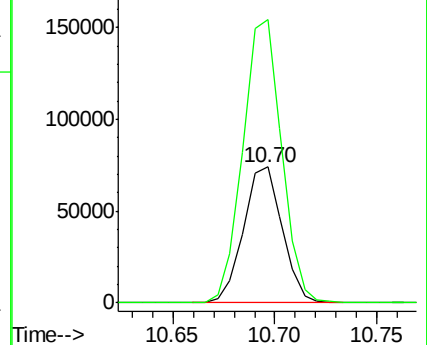
106 100

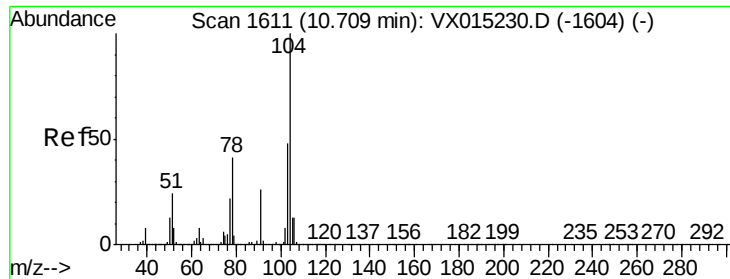
91 207.7 106.4 319.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





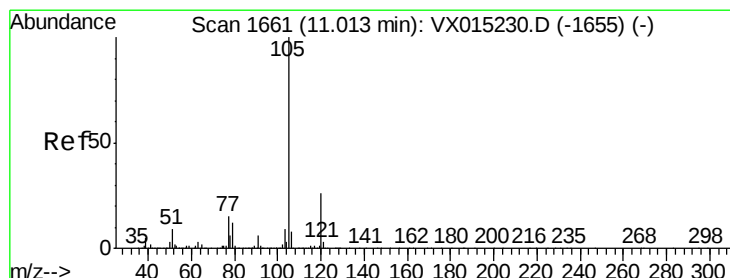
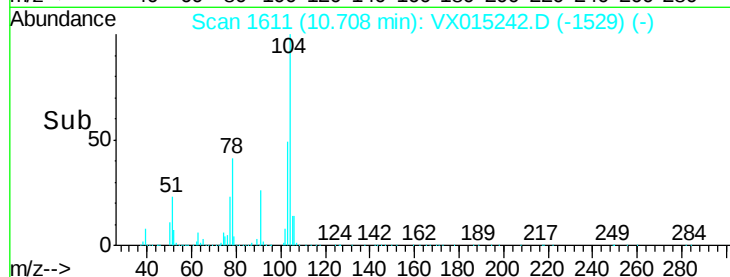
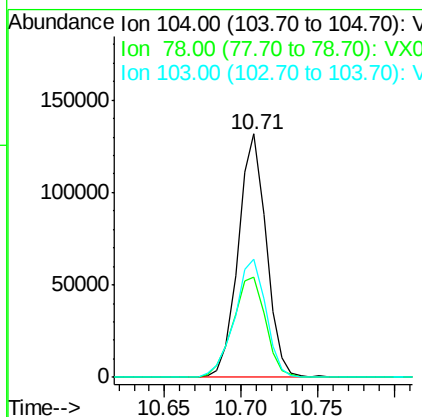
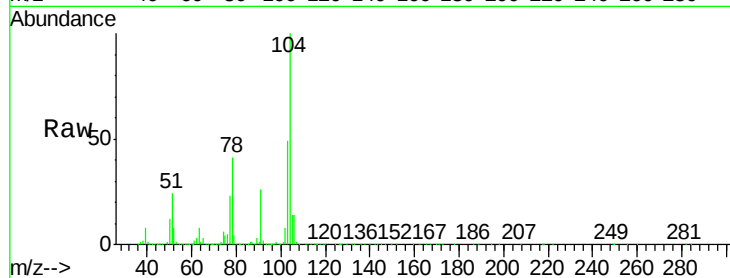
#69
Stvrene
Concen: 19.103 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015242.D
Acq: 12 Mar 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.0	38.9	58.3
103	54.0	43.2	64.8

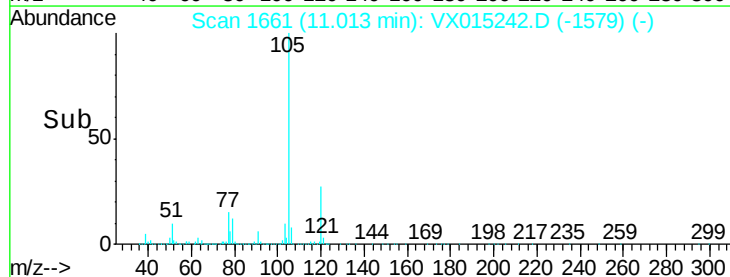
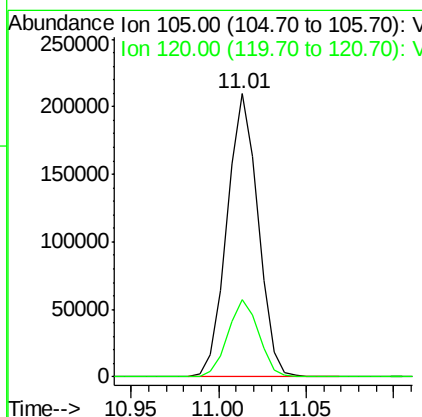
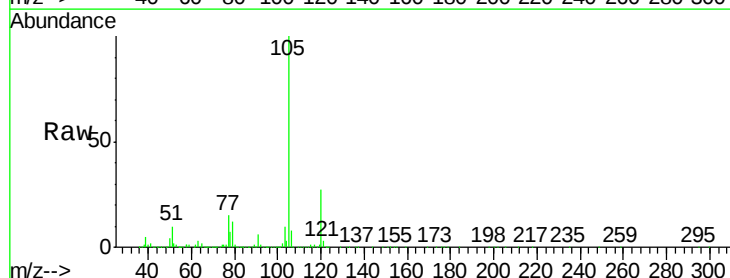
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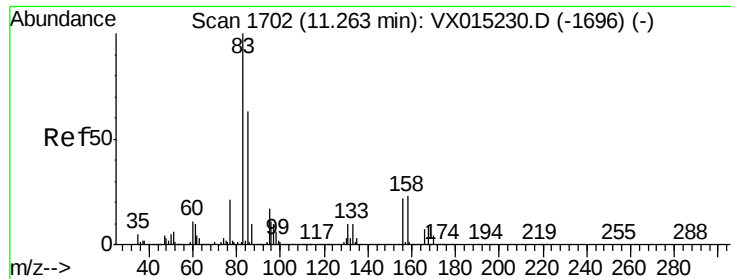
MMDadoda
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#70
Isopropylbenzene
Concen: 19.245 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX015242.D
Acq: 12 Mar 2020 18:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	18.6	34.6





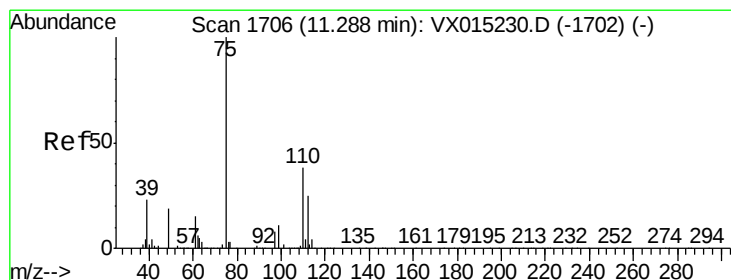
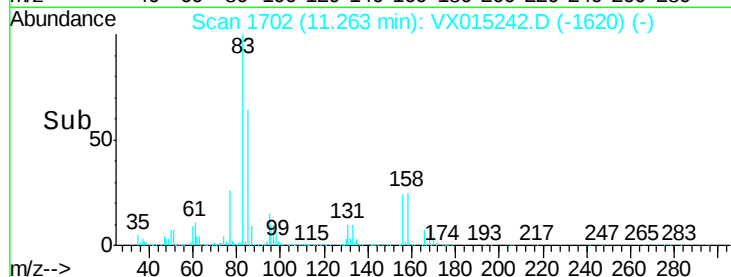
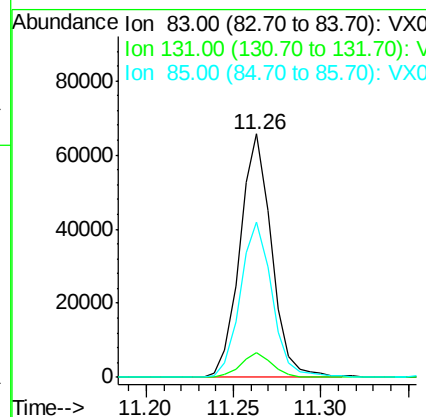
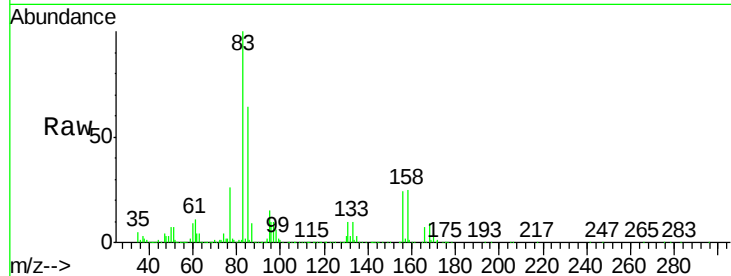
#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.981 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX015242.D
 Acq: 12 Mar 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.0	14.9
85	64.4	31.8	95.4

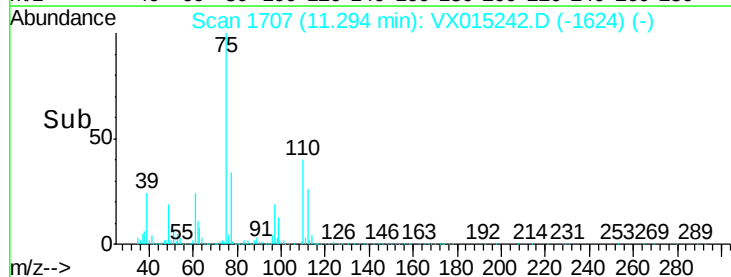
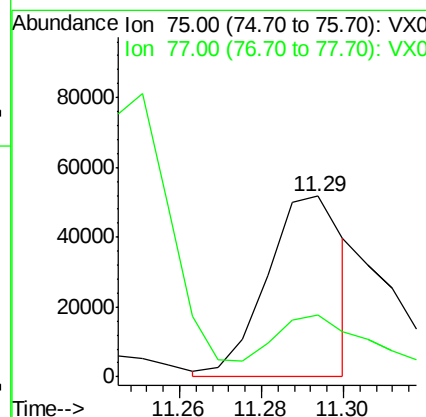
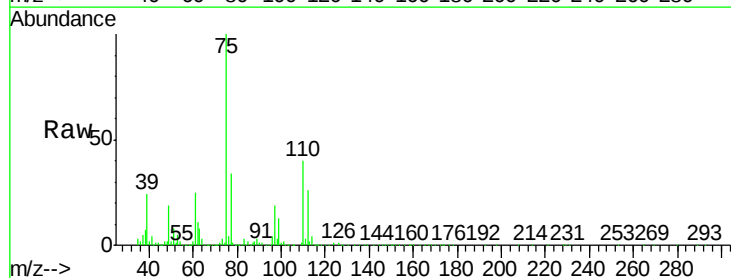
Manual Integrations
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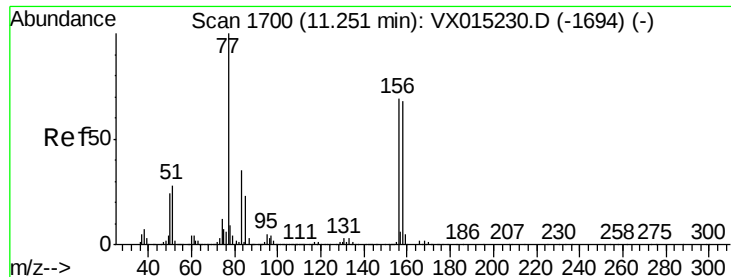
MMDadoda
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#72
 1,2,3-Trichloropropane
 Concen: 18.866 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX015242.D
 Acq: 12 Mar 2020 18:45

Tgt Ion	Ratio	Lower	Upper
75	100		
77	44.1	0.0	83.0





#73

Bromobenzene

Concen: 18.971 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Instrument :

MSVOA_X

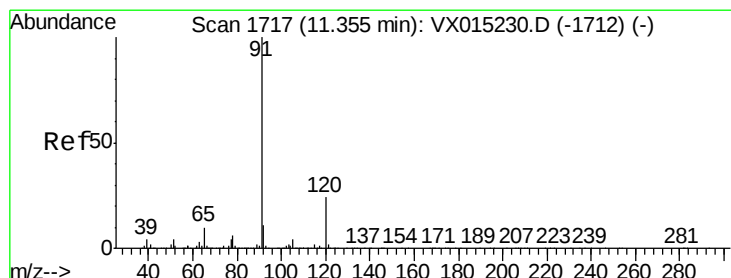
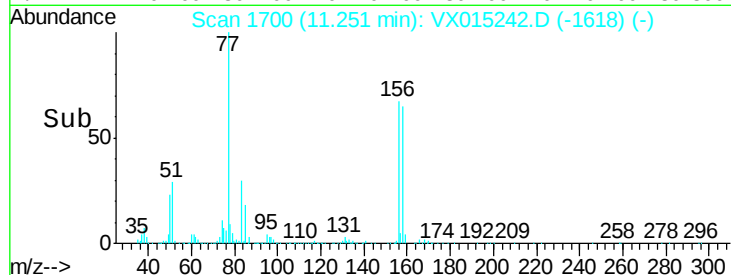
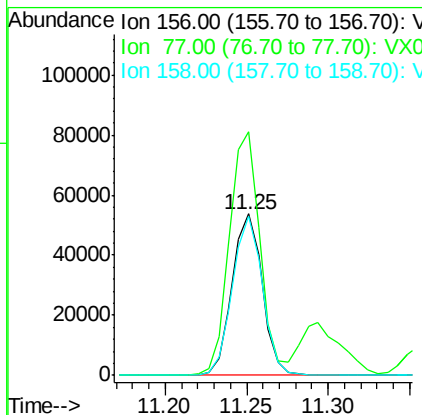
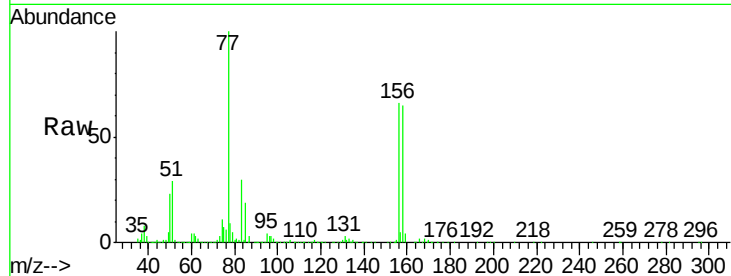
ClientSampleId :

VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	152.8	0.0	305.0
158	97.8	0.0	197.2

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#74

n-propylbenzene

Concen: 18.804 ug/l

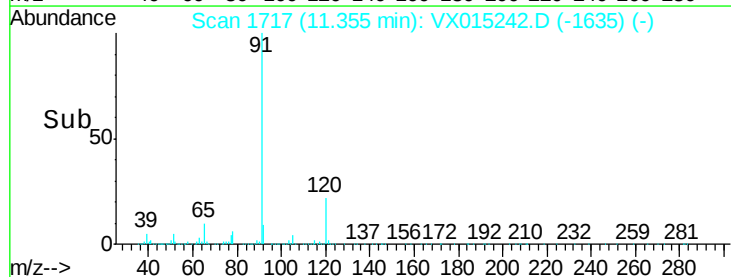
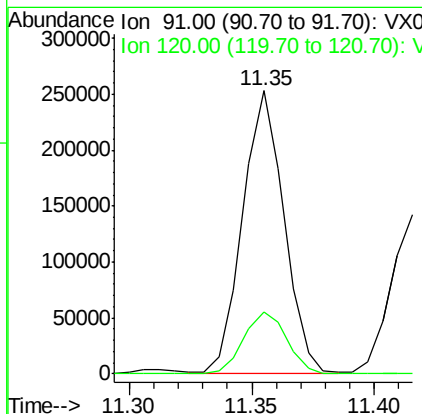
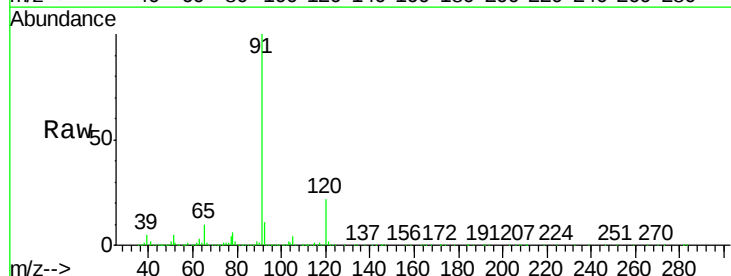
RT: 11.35 min Scan# 1717

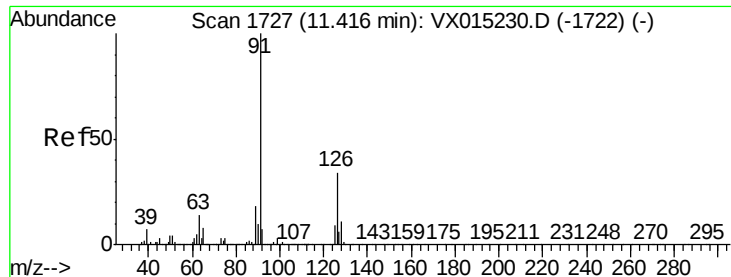
Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.8	0.0	47.0





#75

2-Chlorotoluene

Concen: 18.848 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 174271

Ion Ratio Lower Upper

91 100

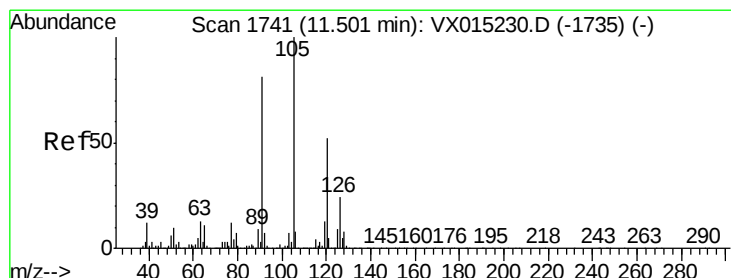
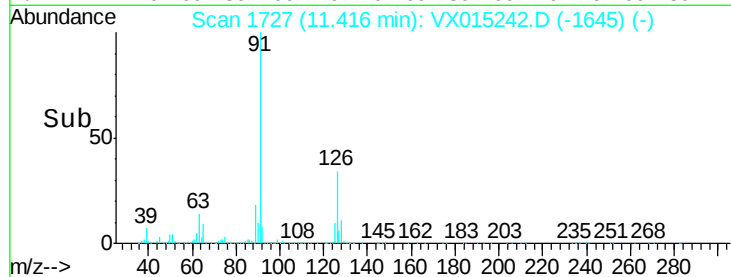
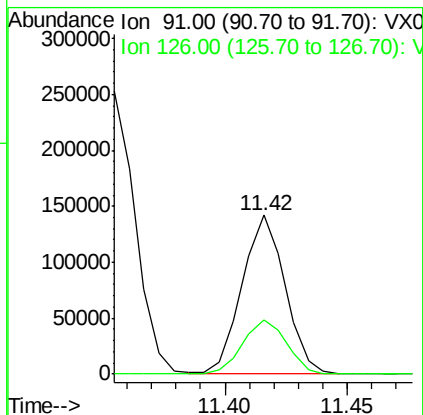
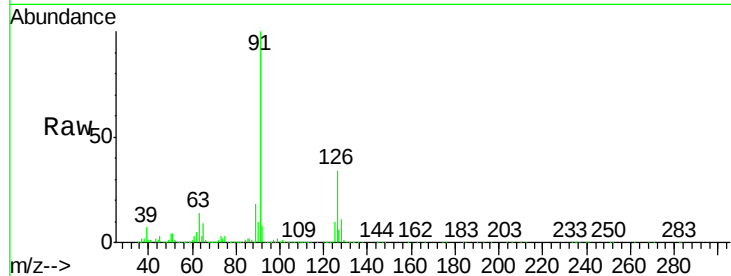
126 34.7 0.0 69.8

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#76

1,3,5-Trimethylbenzene

Concen: 18.658 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015242.D

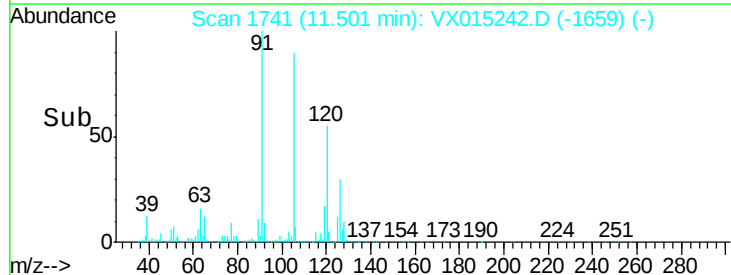
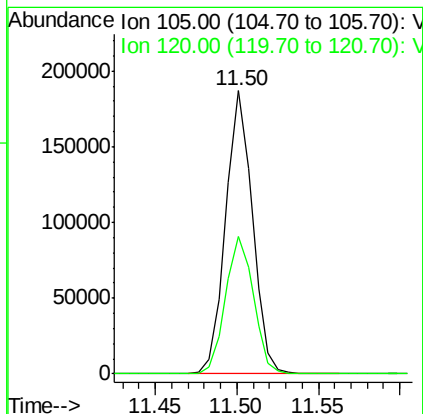
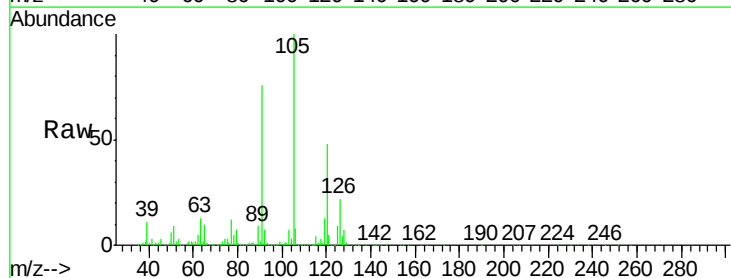
Acq: 12 Mar 2020 18:45

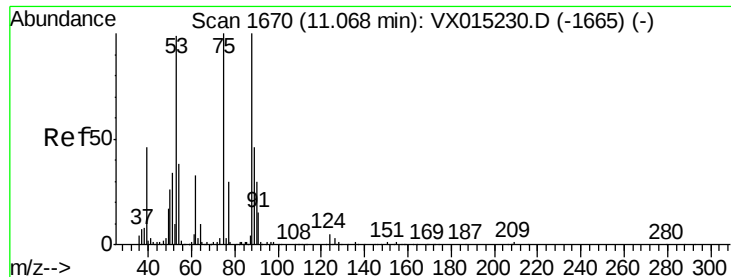
Tgt Ion: 105 Resp: 213506

Ion Ratio Lower Upper

105 100

120 50.7 0.0 101.2





#77

t-1,4-Dichloro-2-butene

Concen: 17.411 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Instrument :

MSVOA_X

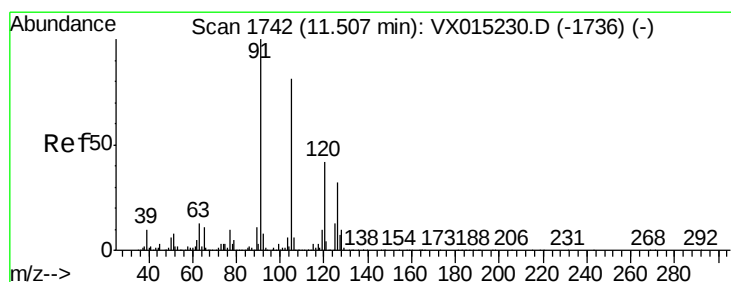
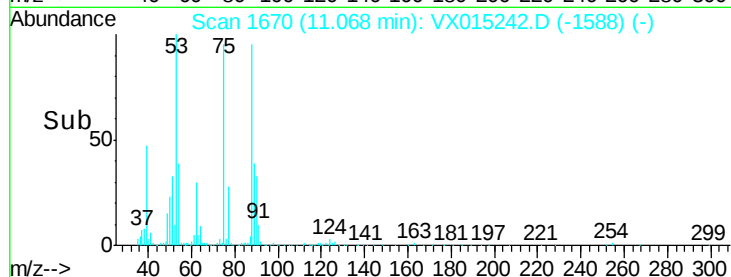
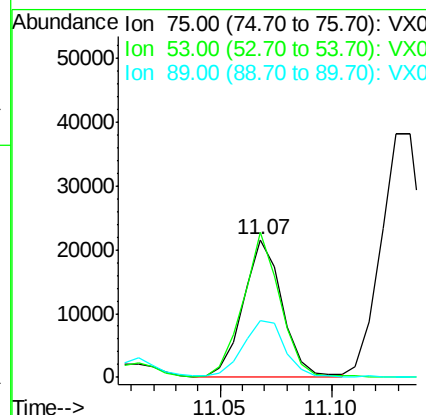
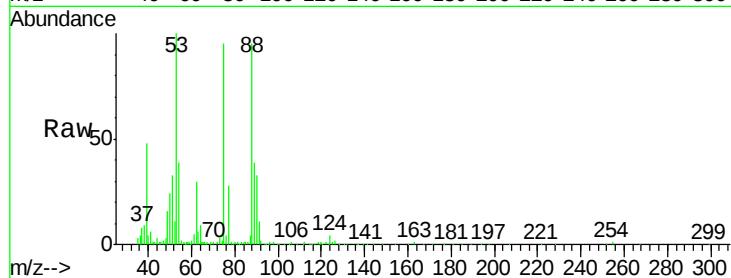
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	25972
Ion Ratio	Lower	Upper	
75	100		
53	104.5	49.5	148.3
89	40.8	22.9	68.8

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#78

4-Chlorotoluene

Concen: 18.753 ug/l

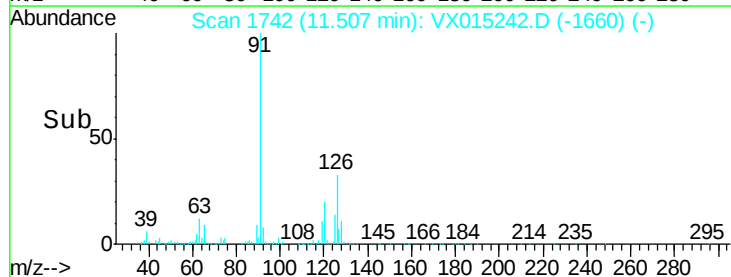
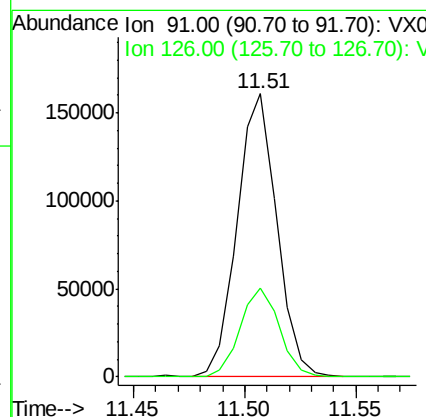
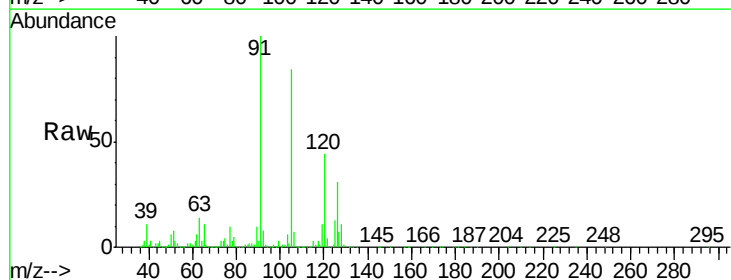
RT: 11.51 min Scan# 1742

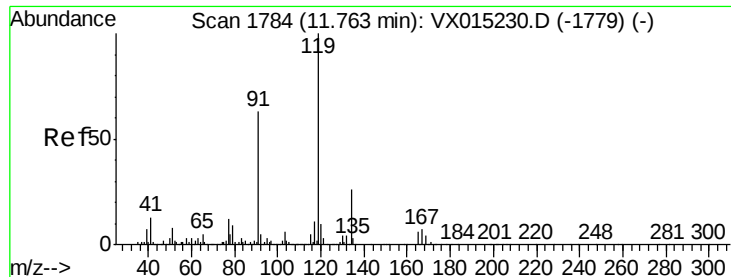
Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Tgt Ion:	91	Resp:	199636
Ion Ratio	Lower	Upper	
91	100		
126	31.0	0.0	61.4





#79

tert-butylbenzene

Concen: 19.203 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Instrument :

MSVOA_X

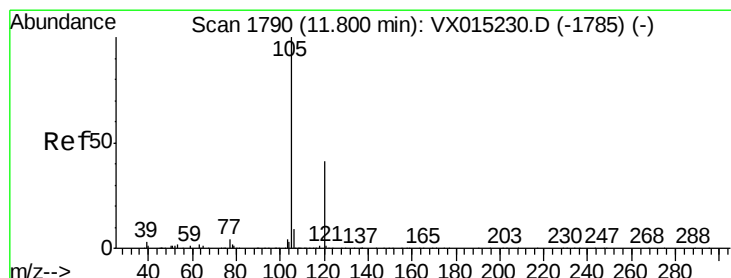
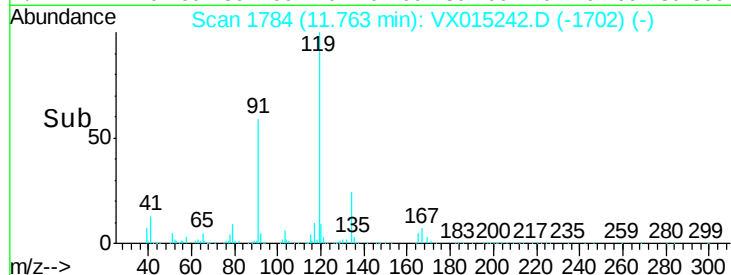
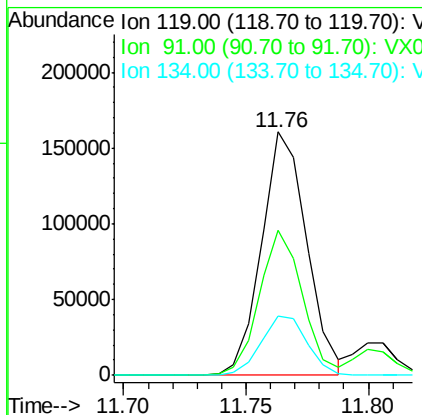
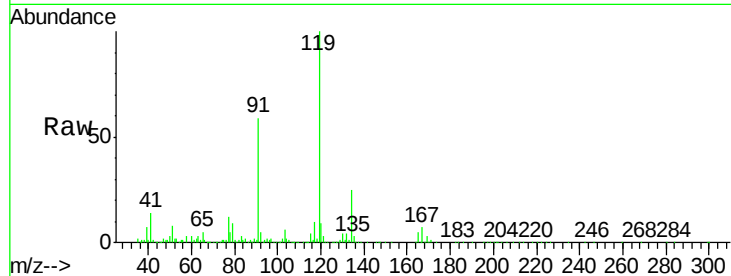
ClientSampleId :

VSTDCCC020EC

Tot Ion:	119	Resp:	206017
Ion Ratio	Lower	Upper	
119	100		
91	56.7	0.0	115.4
134	24.9	0.0	49.4

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#80

1,2,4-Trimethylbenzene

Concen: 19.293 ug/l

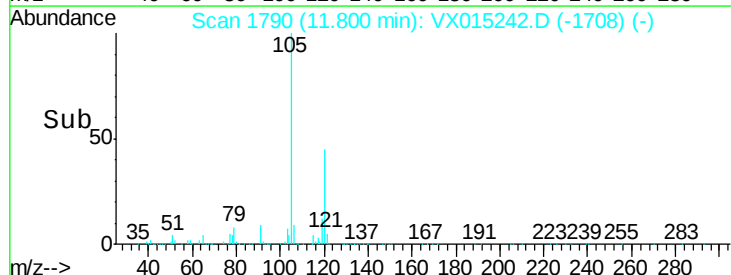
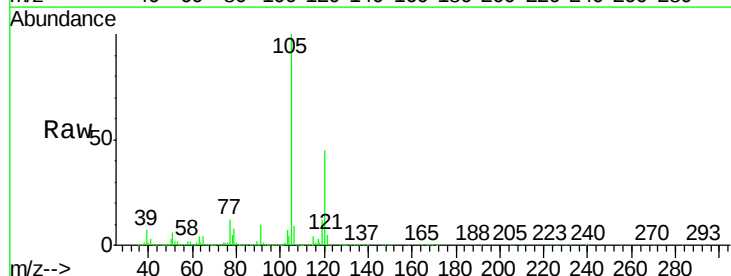
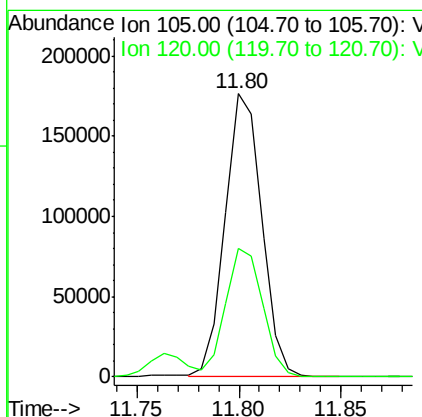
RT: 11.80 min Scan# 1790

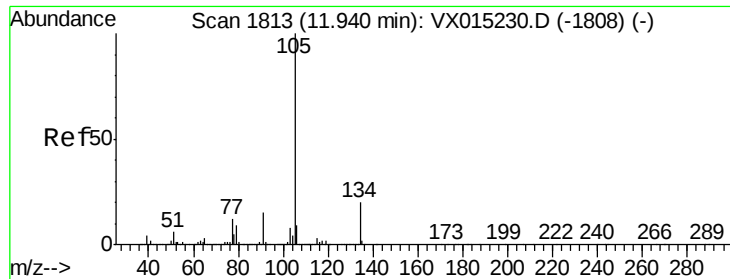
Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Tgt Ion:	105	Resp:	218274
Ion Ratio	Lower	Upper	
105	100		
120	46.0	0.0	93.2





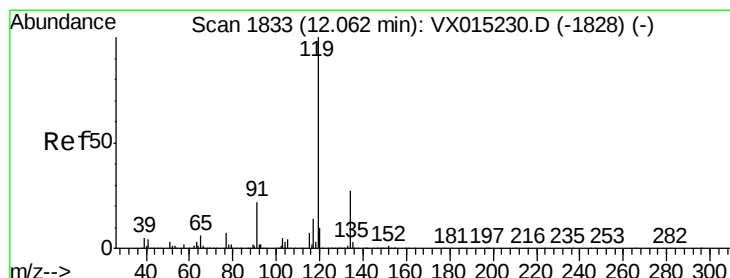
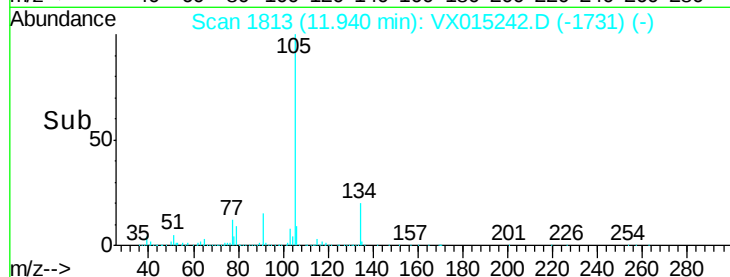
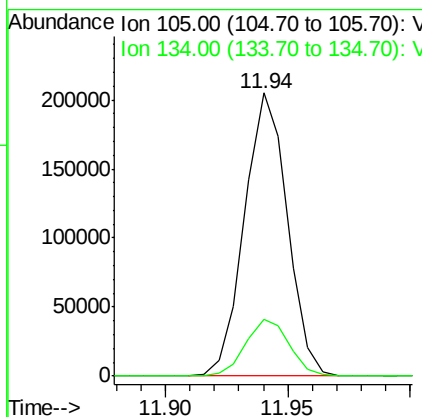
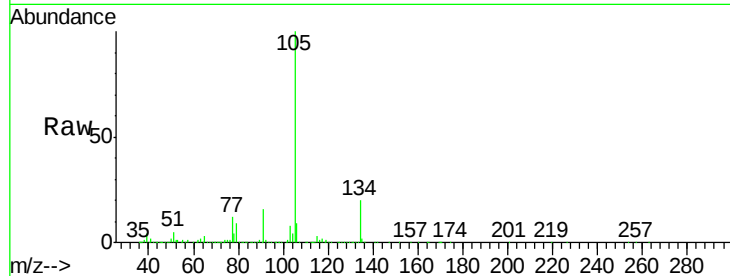
#81
 sec-Butylbenzene
 Concen: 18.788 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX015242.D
 Acq: 12 Mar 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
105	100	250156		
134	20.6	0.0	40.8	

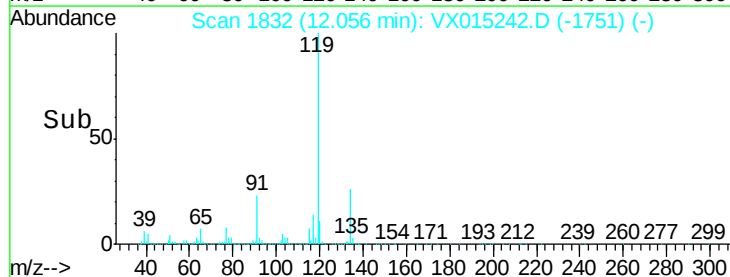
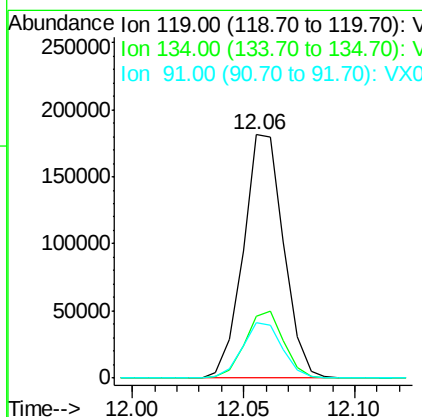
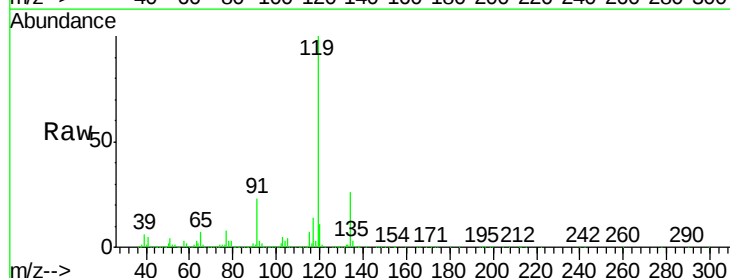
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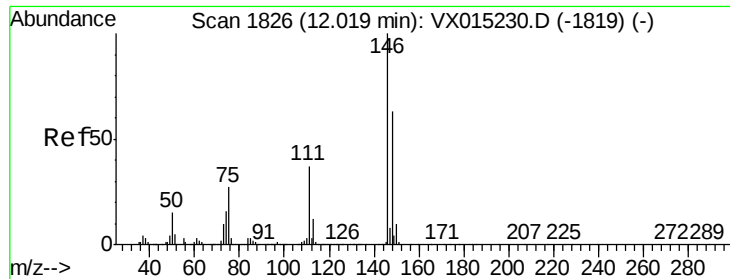
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#82
 p-Isopropyltoluene
 Concen: 18.786 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX015242.D
 Acq: 12 Mar 2020 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	230010		
134	26.4	0.0	53.6	
91	22.5	0.0	43.6	





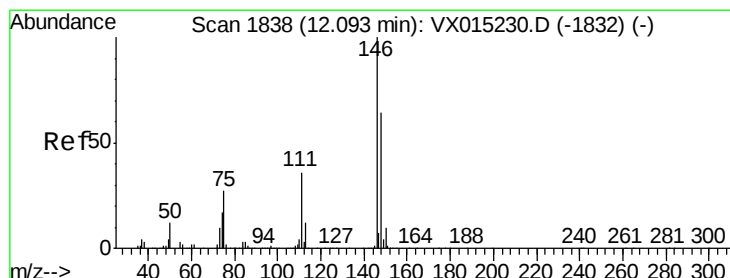
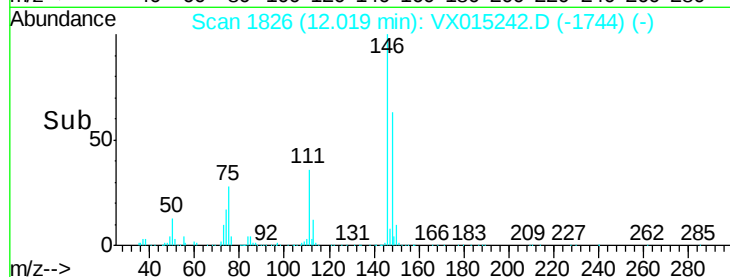
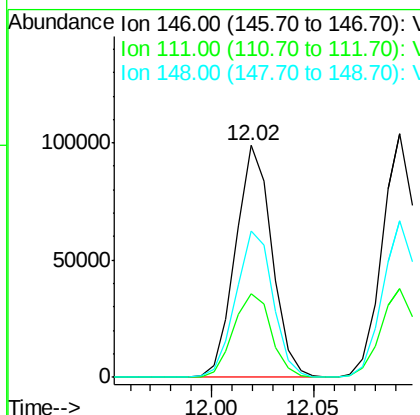
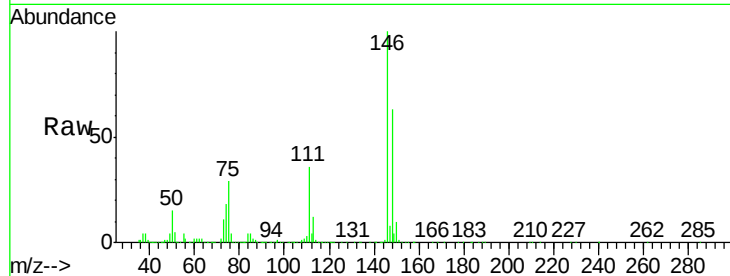
#83
 1,3-Dichlorobenzene
 Concen: 18.943 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX015242.D
 Acq: 12 Mar 2020 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.8	56.4
148	64.4	31.9	95.7

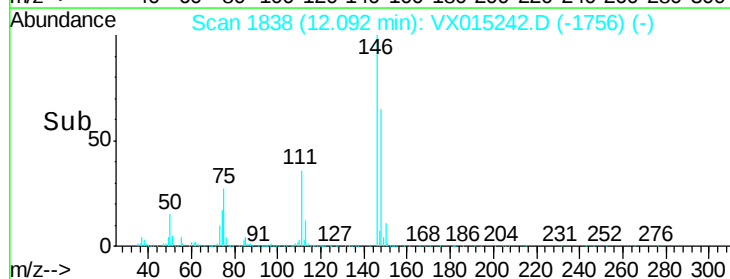
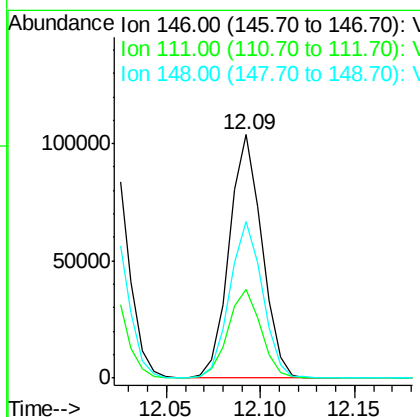
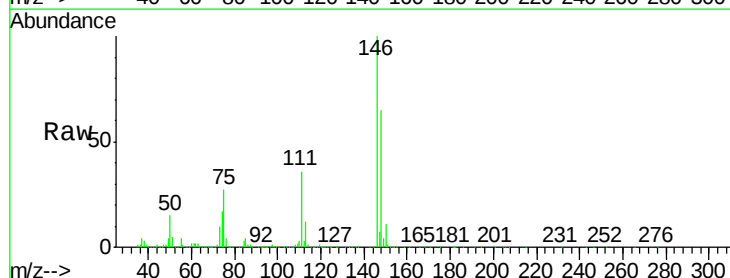
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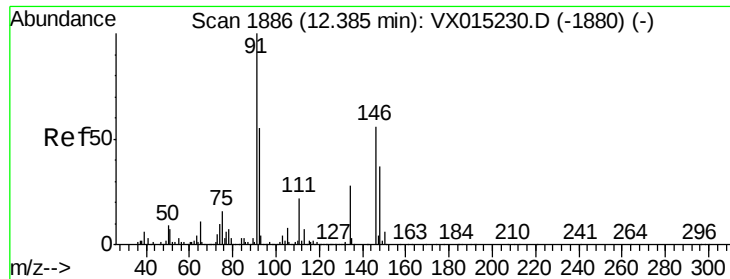
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#84
 1,4-Dichlorobenzene
 Concen: 19.347 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX015242.D
 Acq: 12 Mar 2020 18:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.4	55.0
148	64.5	31.9	95.9





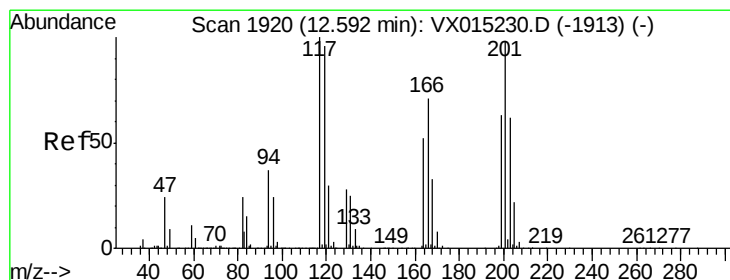
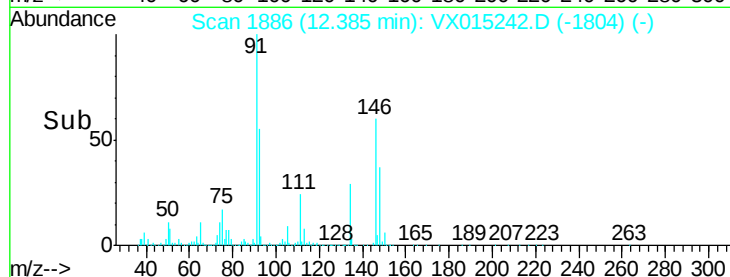
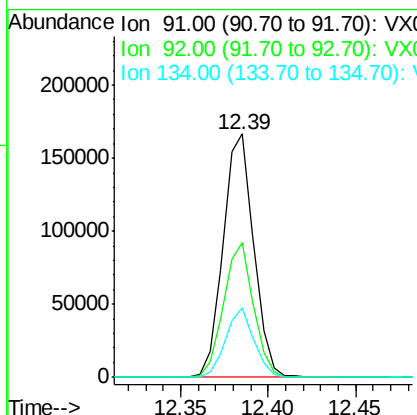
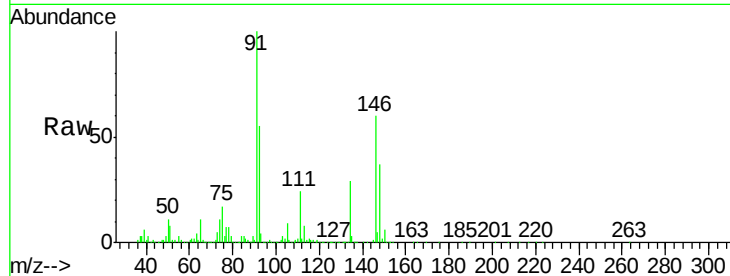
#85
n-Butylbenzene
Concen: 18.806 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015242.D
Acq: 12 Mar 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	201790		
92	54.1	0.0	109.4	
134	26.7	0.0	53.0	

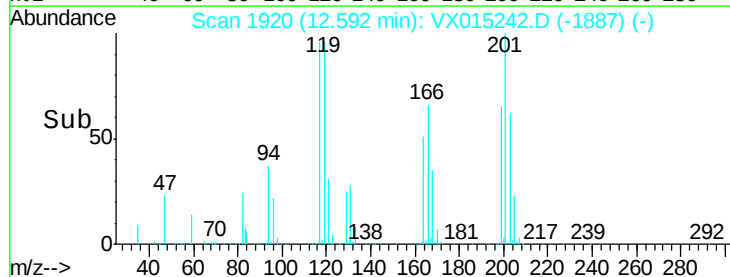
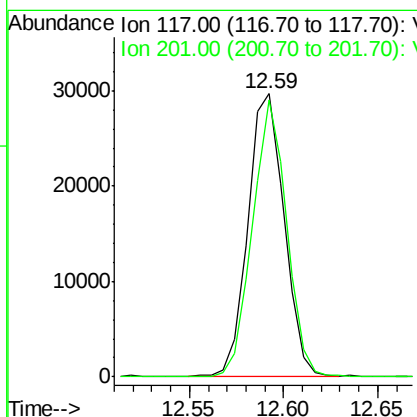
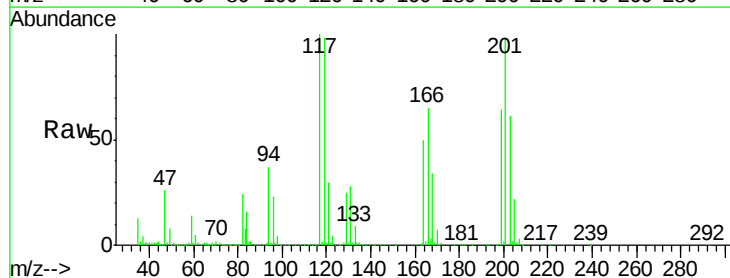
Manual Integrations
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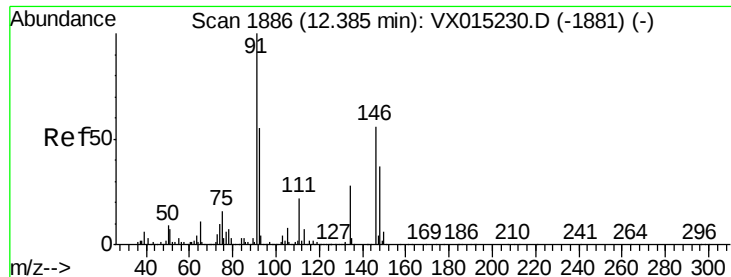
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#86
Hexachloroethane
Concen: 18.475 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015242.D
Acq: 12 Mar 2020 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	39601		
201	92.0	47.8	143.3	





#87

1,2-Dichlorobenzene

Concen: 19.411 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

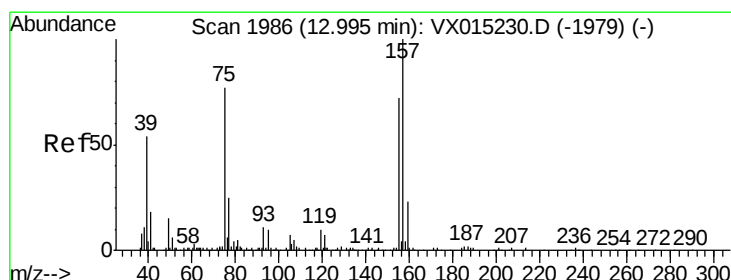
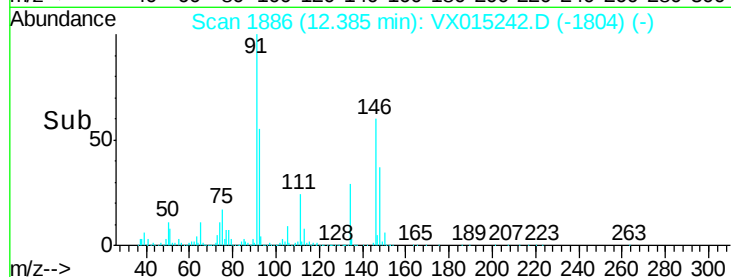
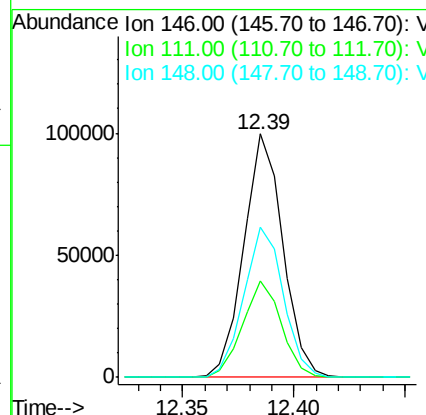
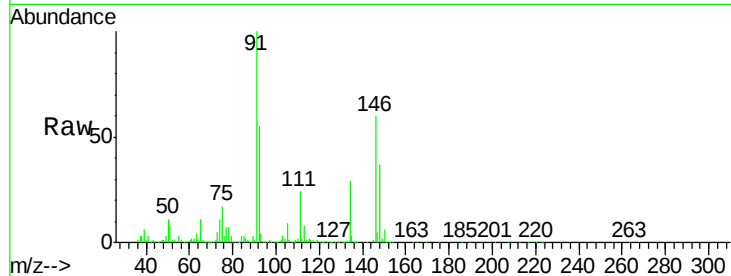
Instrument :
MSVOA_X

ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.4	58.4
148	62.5	32.4	97.0

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#88

1,2-Dibromo-3-Chloropropane

Concen: 19.162 ug/l

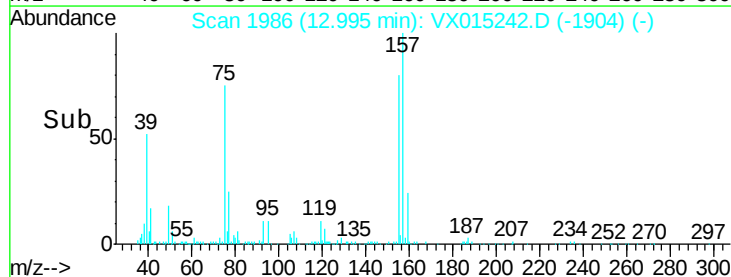
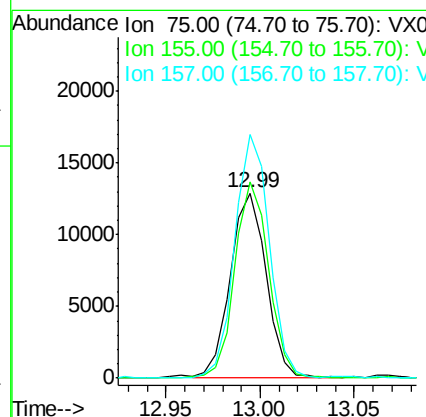
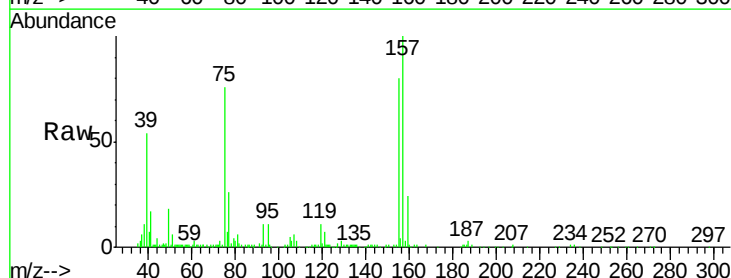
RT: 12.99 min Scan# 1986

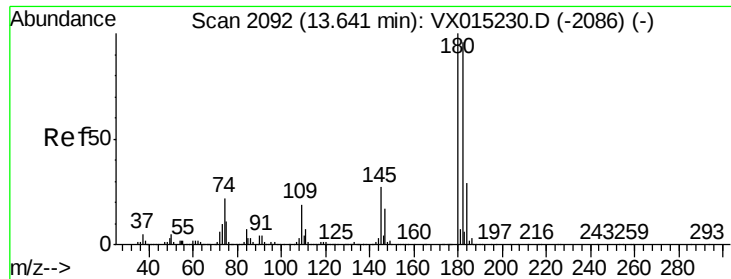
Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.5	77.5	116.3
157	125.9	103.0	154.4





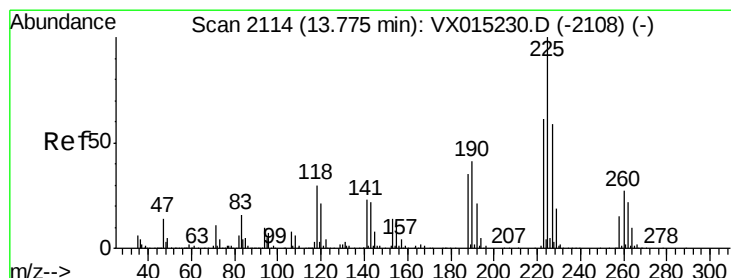
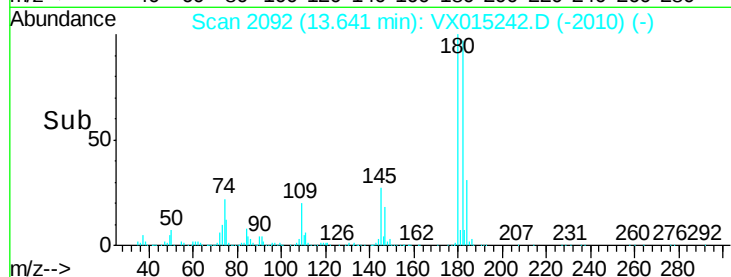
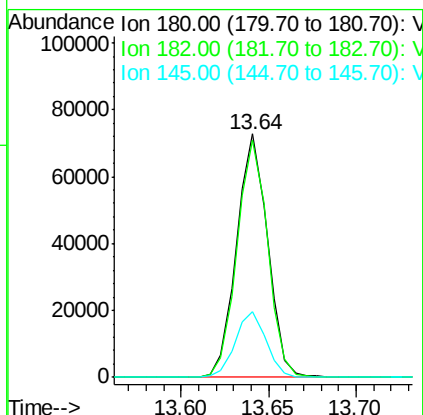
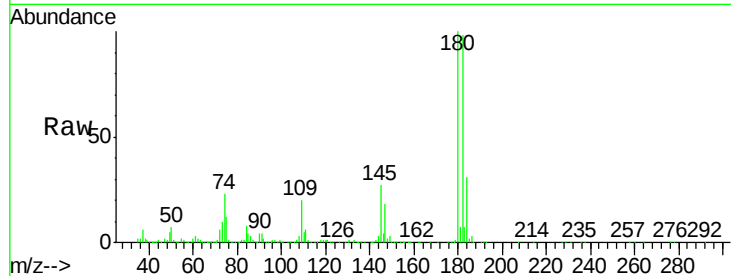
#89
1,2,4-Trichlorobenzene
Concen: 19.345 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX015242.D
Acq: 12 Mar 2020 18:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.6	115.0
145	27.0	22.7	34.1

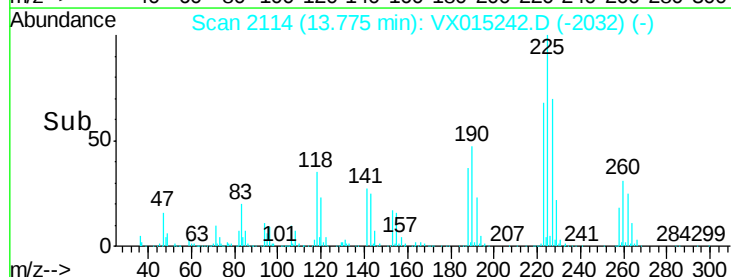
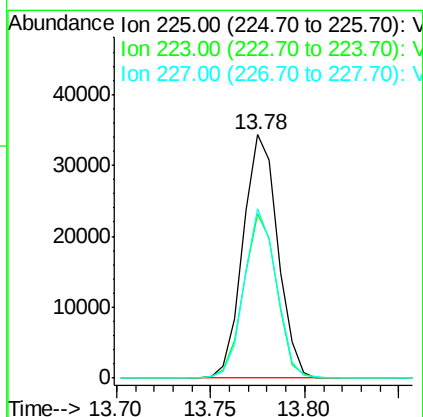
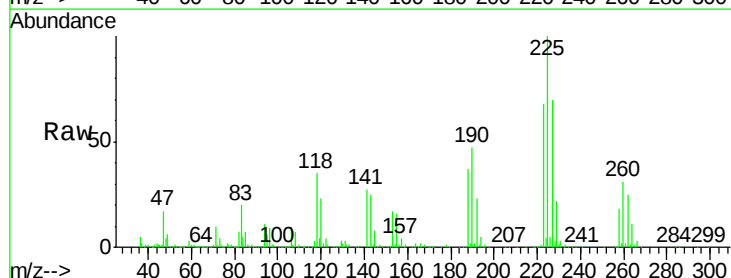
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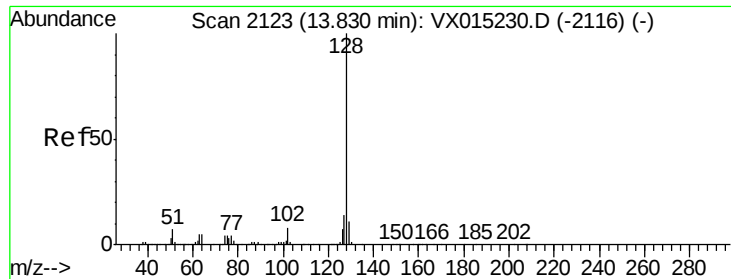
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#90
Hexachlorobutadiene
Concen: 18.347 ug/l
RT: 13.78 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX015242.D
Acq: 12 Mar 2020 18:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	0.0	125.0
227	64.7	0.0	126.2





#91

Naphthalene

Concen: 19.622 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Instrument :

MSVOA_X

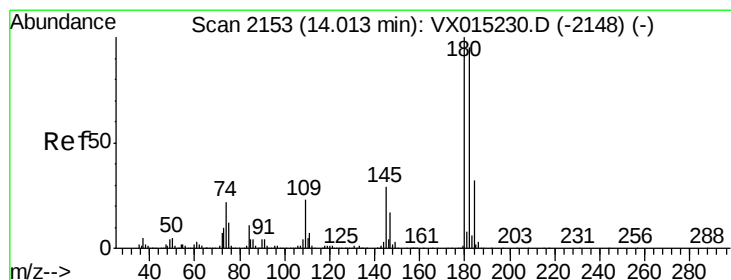
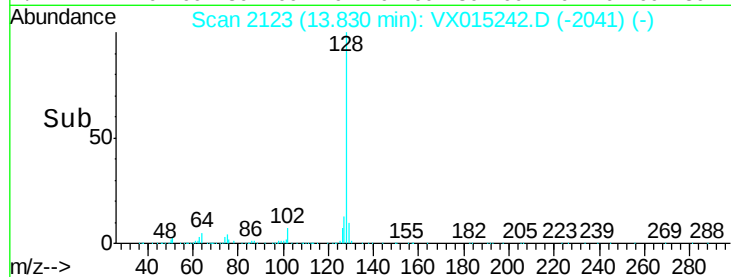
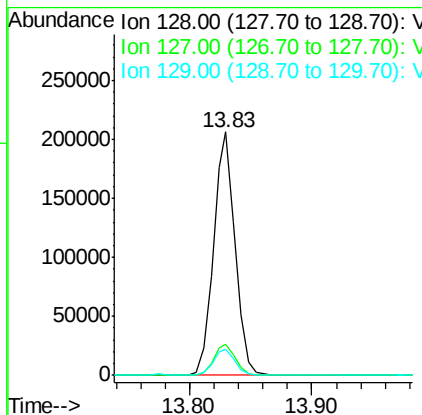
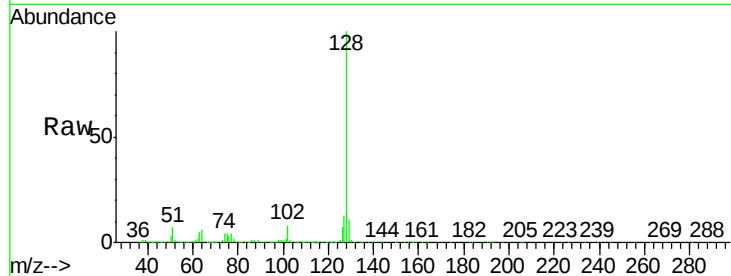
ClientSampleId :

VSTDCCC020EC

Tot Ion:	128	Resp:	253062
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.8	16.2
129	10.8	8.7	13.1

Manual Integrations
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#92

1,2,3-Trichlorobenzene

Concen: 19.505 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VX015242.D

Acq: 12 Mar 2020 18:45

Tgt Ion:	180	Resp:	91389
Ion Ratio	Lower	Upper	
180	100		
182	96.0	0.0	192.0
145	29.8	0.0	60.0

