

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015831.D
 Acq On : 22 Apr 2020 09:59
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 4/23/2020 11:57:55 AM

Quant Time: Apr 23 04:36:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 22 11:43:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1062270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1572514	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1467589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	806853	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	7105	0.827 ug/l	94
3) Chloromethane	1.31	50	9241	1.016 ug/l	96
4) Vinyl Chloride	1.40	62	11501	1.073 ug/l	91
6) Chloroethane	1.72	64	6679	1.087 ug/l	100
7) Trichlorofluoromethane	1.92	101	13867	1.026 ug/l	99
8) Diethyl Ether	2.17	74	5762	1.055 ug/l	55
9) 1,1,2-Trichlorotrifluoroet	2.37	101	10526	1.150 ug/l #	90
12) 1,1-Dichloroethene	2.36	96	9587	1.032 ug/l #	77
14) Allyl chloride	2.71	41	20943	1.052 ug/l	97
15) Acrylonitrile	3.11	53	27162	4.802 ug/l	97
16) Acetone	2.42	43	34344	6.294 ug/l	98
17) Carbon Disulfide	2.55	76	64523	1.714 ug/l	97
18) Methyl Acetate	2.75	43	19079	1.102 ug/l	99
19) Methyl tert-butyl Ether	3.17	73	32448	0.993 ug/l #	86
20) Methylene Chloride	2.84	84	12171	1.124 ug/l	90
21) trans-1,2-Dichloroethene	3.15	96	11279	1.083 ug/l	89
22) Diisopropyl ether	3.83	45	35933	1.003 ug/l	90
23) Vinyl Acetate	3.78	43	147999	4.942 ug/l	98
24) 1,1-Dichloroethane	3.67	63	18128	0.982 ug/l	94
25) 2-Butanone	4.64	43	42347	5.133 ug/l	96
26) 2,2-Dichloropropane	4.55	77	16964	1.023 ug/l	78
27) cis-1,2-Dichloroethene	4.57	96	12173	1.045 ug/l	91
28) Bromochloromethane	4.98	49	11073	1.104 ug/l #	97
29) Tetrahydrofuran	5.10	42	27479	5.016 ug/l	95
30) Chloroform	5.17	83	20391	1.084 ug/l #	79
32) 1,1,1-Trichloroethane	5.47	97	16256	0.979 ug/l #	48
36) 1,1-Dichloropropene	5.78	75	13869	1.005 ug/l #	77
37) Ethyl Acetate	4.79	43	17780	1.071 ug/l #	83
38) Carbon Tetrachloride	5.76	117	12501	0.932 ug/l	88
39) Methylcyclohexane	7.45	83	19834	1.115 ug/l	85
40) Benzene	6.12	78	44828	1.061 ug/l	95
41) Methacrylonitrile	5.00	41	8375m	1.069 ug/l	
42) 1,2-Dichloroethane	6.17	62	16437	1.082 ug/l	91
43) Isopropyl Acetate	6.41	43	28509	1.023 ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.19	130	14984	1.014	ug/l	89
45) 1,2-Dichloropropane	7.49	63	11020	1.004	ug/l	99
46) Dibromomethane	7.64	93	9569	1.158	ug/l	96
47) Bromodichloromethane	7.87	83	14329	1.025	ug/l #	86
48) Methyl methacrylate	7.75	41	13608	1.003	ug/l	97
49) 1,4-Dioxane	7.72	88	6676	25.346	ug/l #	80
51) 4-Methyl-2-Pentanone	8.62	43	80130	4.962	ug/l	97
52) Toluene	8.76	92	28604	1.055	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	17518	1.006	ug/l #	87
54) cis-1,3-Dichloropropene	8.42	75	19123	1.030	ug/l #	92
55) 1,1,2-Trichloroethane	9.20	97	10013	0.958	ug/l	91
56) Ethyl methacrylate	9.16	69	17735	1.012	ug/l	94
57) 1,3-Dichloropropane	9.35	76	18820	1.034	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.29	63	43489	4.917	ug/l	98
59) 2-Hexanone	9.47	43	58551	4.807	ug/l	100
60) Dibromochloromethane	9.57	129	10469	1.024	ug/l	93
61) 1,2-Dibromoethane	9.65	107	12723	1.090	ug/l	100
64) Tetrachloroethene	9.32	164	22539	1.096	ug/l	97
65) Chlorobenzene	10.12	112	31054	1.048	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	11332	1.042	ug/l #	66
67) Ethyl Benzene	10.23	91	54594	1.041	ug/l	96
68) m/p-Xylenes	10.34	106	40018	2.043	ug/l	100
69) o-Xylene	10.68	106	20850	1.084	ug/l	87
70) Styrene	10.70	104	32750	0.991	ug/l	95
71) Bromoform	10.84	173	5374	0.859	ug/l #	74
73) Isopropylbenzene	11.00	105	50829	0.985	ug/l	98
74) N-amyl acetate	10.88	43	27677	1.053	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	10122	0.952	ug/l #	93
76) 1,2,3-Trichloropropane	11.28	75	15638m	0.840	ug/l	
77) Bromobenzene	11.24	156	13968	0.999	ug/l	96
78) n-propylbenzene	11.34	91	60152	1.017	ug/l	93
79) 2-Chlorotoluene	11.40	91	35879	1.019	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	42693	0.980	ug/l	96
82) 4-Chlorotoluene	11.50	91	43363	1.033	ug/l	99
83) tert-Butylbenzene	11.76	119	39178	1.011	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	47463	1.047	ug/l	98
85) sec-Butylbenzene	11.93	105	52162	1.019	ug/l	99
86) p-Isopropyltoluene	12.05	119	47149	0.989	ug/l	88
87) 1,3-Dichlorobenzene	12.01	146	27311	1.061	ug/l	96
88) 1,4-Dichlorobenzene	12.09	146	27474m	1.071	ug/l	
89) n-Butylbenzene	12.37	91	44566	1.049	ug/l	100
90) Hexachloroethane	12.58	117	3405	0.810	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	24511	1.010	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	12.98	75	3153	1.033	ug/l	95
93) 1,2,4-Trichlorobenzene	13.63	180	19379	1.012	ug/l	95
94) Hexachlorobutadiene	13.76	225	8971	1.053	ug/l	92
95) Naphthalene	13.82	128	55523	1.010	ug/l	97
96) 1,2,3-Trichlorobenzene	14.00	180	19619	1.059	ug/l	97

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ClientSampleId :
VSTDICC001

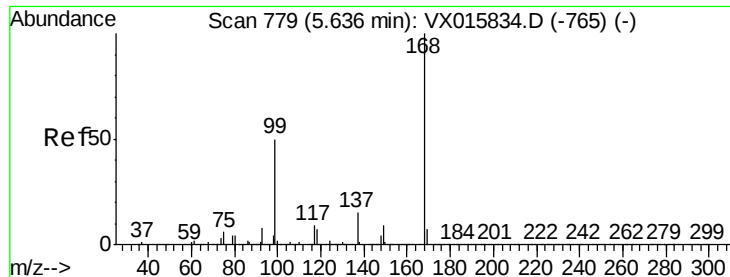
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 1062270

Ion Ratio Lower Upper

168 100

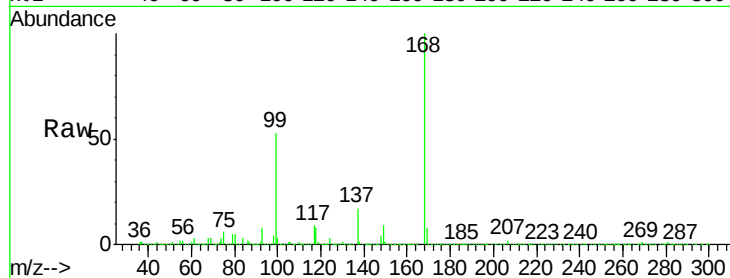
99 53.0 40.3 60.5

Manual Integrations

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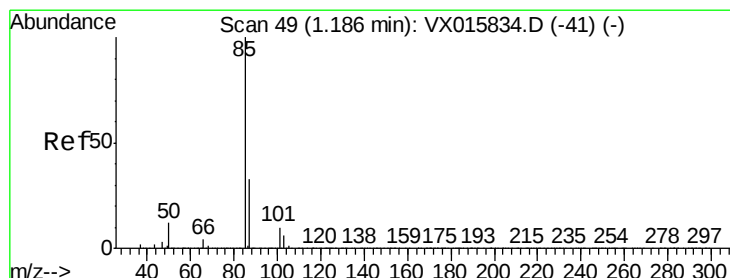
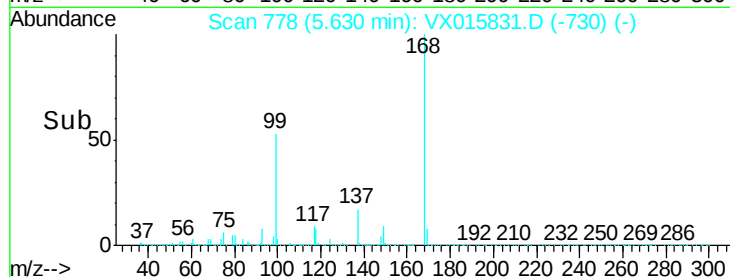
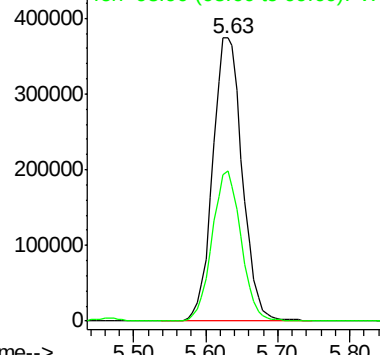
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.827 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX015831.D

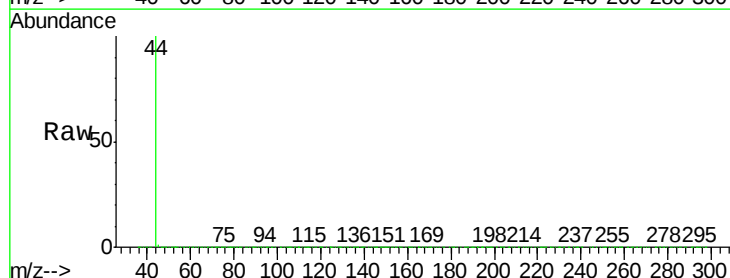
Acq: 22 Apr 2020 09:59

Tgt Ion: 85 Resp: 7105

Ion Ratio Lower Upper

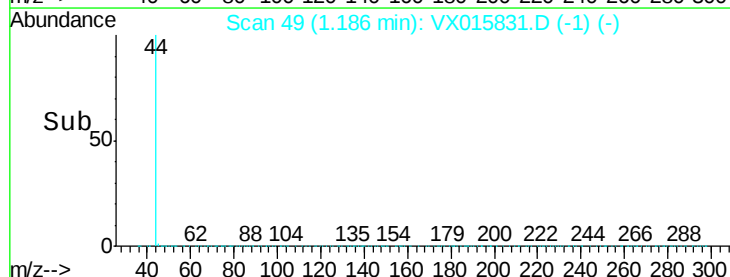
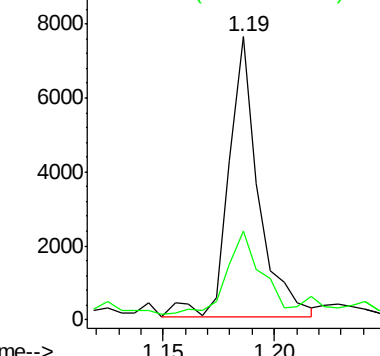
85 100

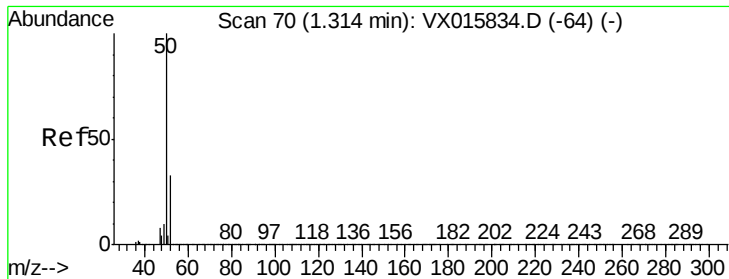
87 29.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 1.016 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 9241

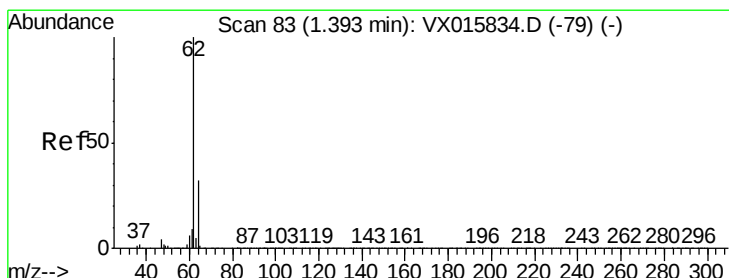
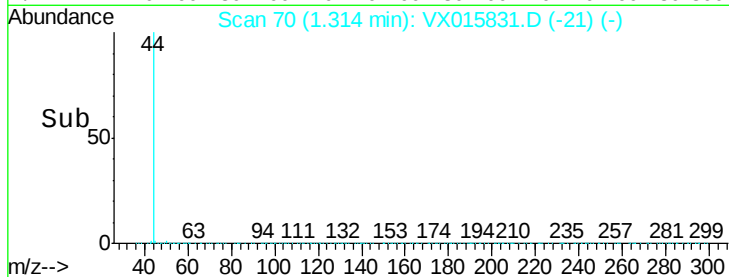
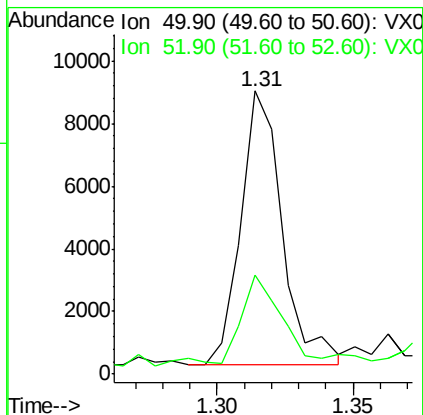
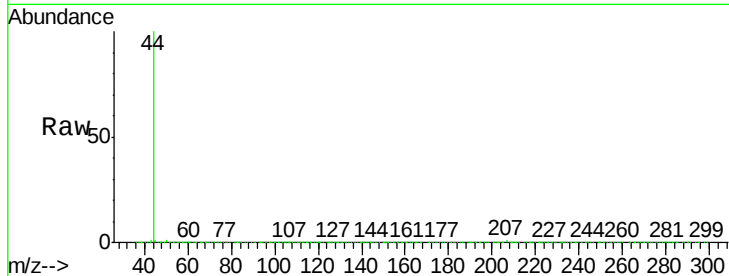
Ion Ratio Lower Upper

50 100

52 30.7 26.2 39.4

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#4

Vinyl Chloride

Concen: 1.073 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.01 min

Lab File: VX015831.D

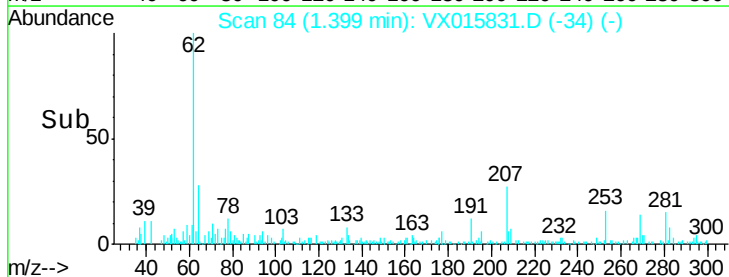
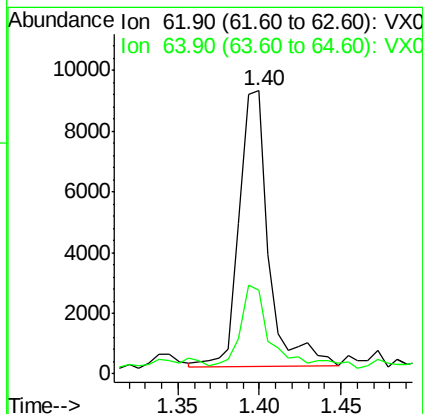
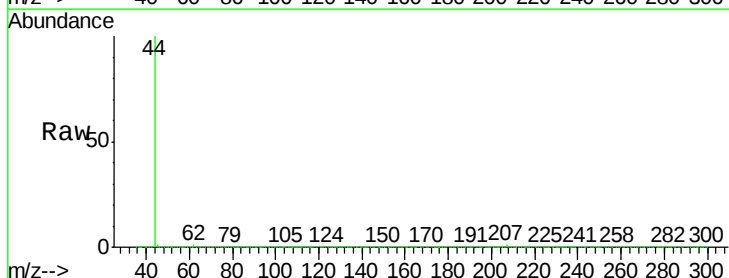
Acq: 22 Apr 2020 09:59

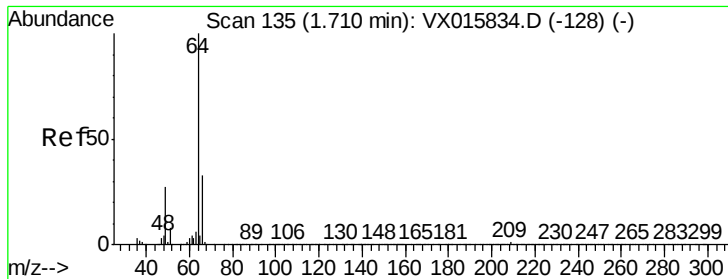
Tgt Ion: 62 Resp: 11501

Ion Ratio Lower Upper

62 100

64 26.6 25.4 38.2





#6

Chloroethane

Concen: 1.087 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 6679

Ion Ratio Lower Upper

64 100

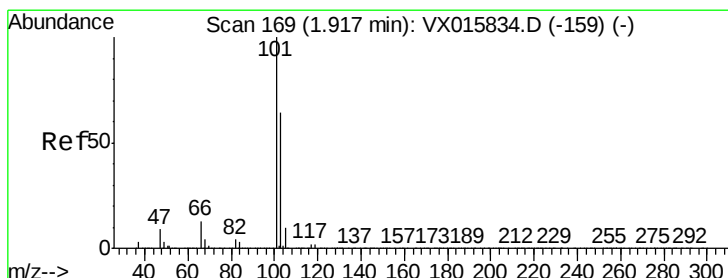
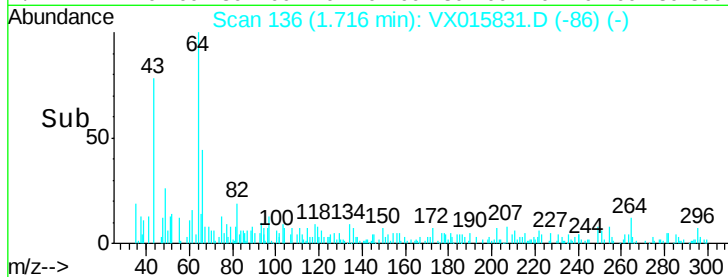
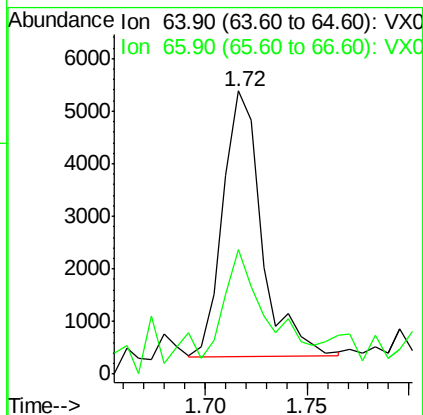
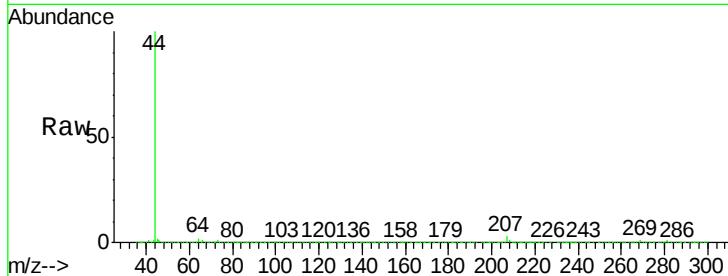
66 32.6 26.2 39.2

Manual Integrations

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#7

Trichlorofluoromethane

Concen: 1.026 ug/l

RT: 1.92 min Scan# 170

Delta R.T. 0.01 min

Lab File: VX015831.D

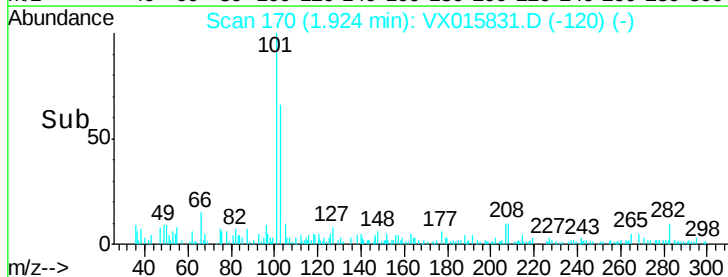
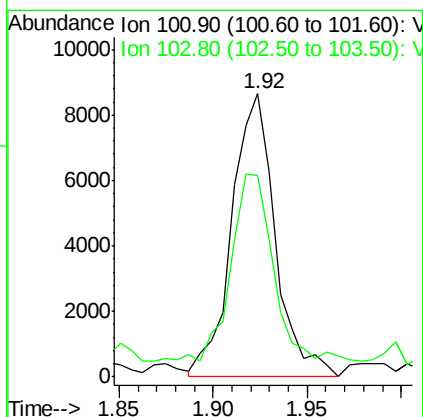
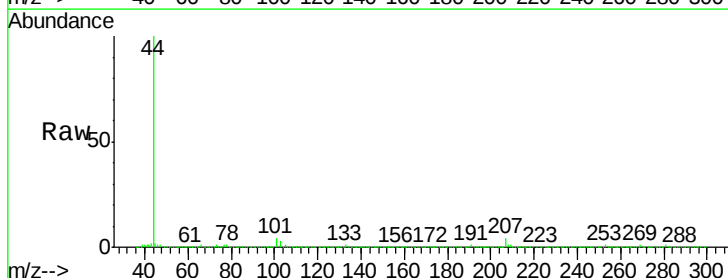
Acq: 22 Apr 2020 09:59

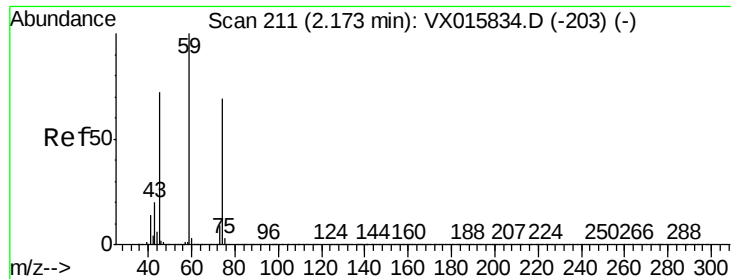
Tgt Ion: 101 Resp: 13867

Ion Ratio Lower Upper

101 100

103 63.5 51.4 77.0





#8

Diethyl Ether

Concen: 1.055 ug/l

RT: 2.17 min Scan# 210

Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 5762

Ion Ratio Lower Upper

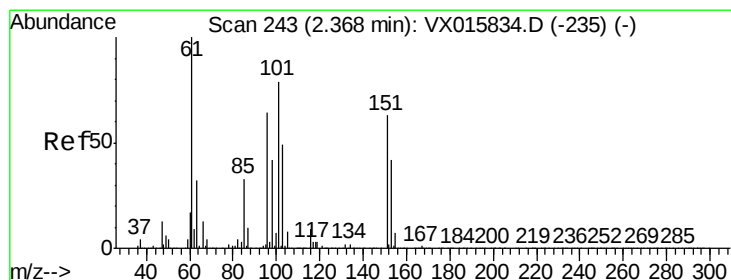
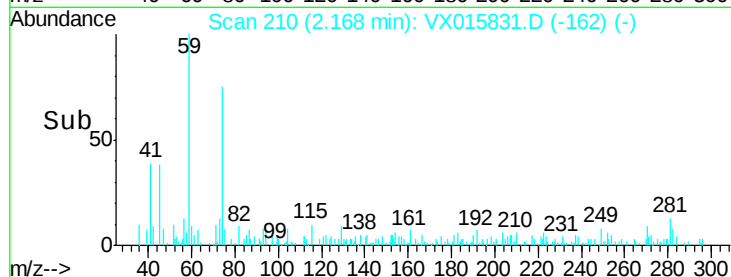
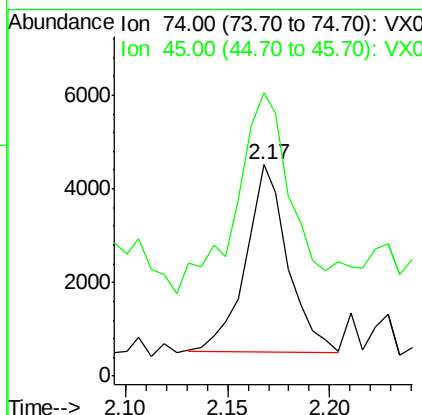
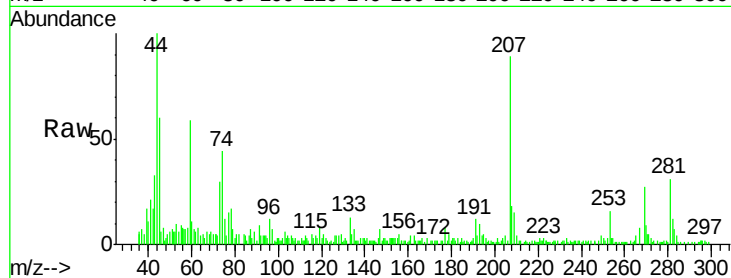
74 100

45 154.7 53.8 161.4

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.150 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

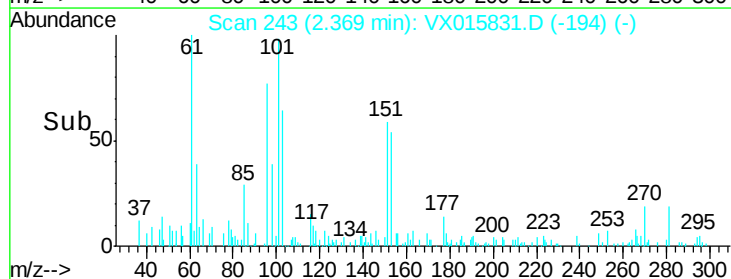
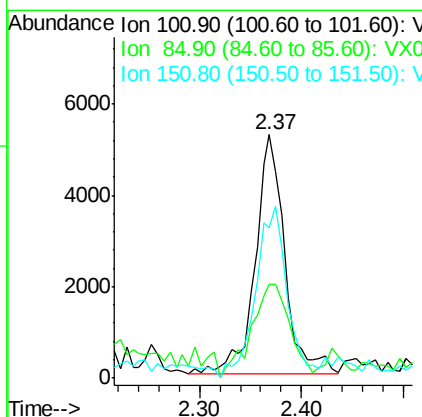
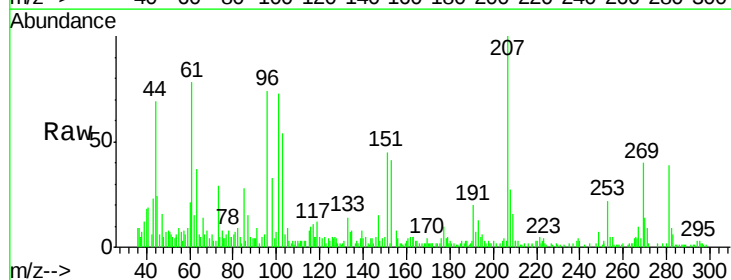
Tgt Ion: 101 Resp: 10526

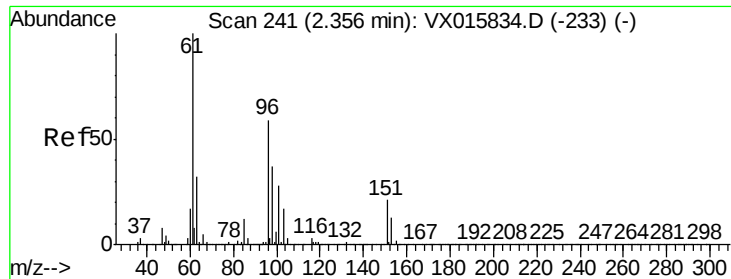
Ion Ratio Lower Upper

101 100

85 51.5 33.8 50.6#

151 77.3 67.8 101.6





#12

1,1-Dichloroethene

Concen: 1.032 ug/l

RT: 2.36 min Scan# 241

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

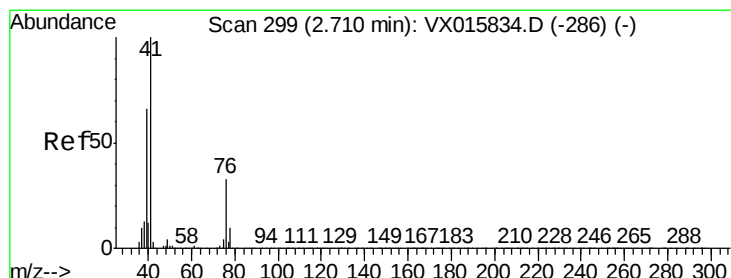
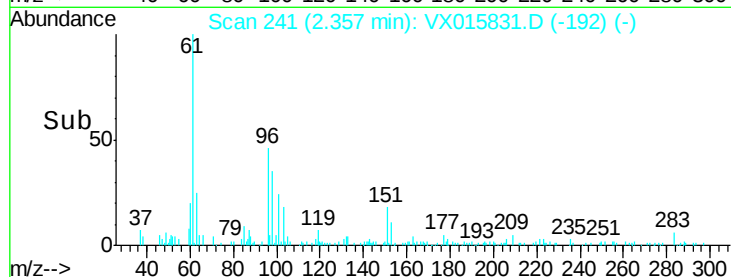
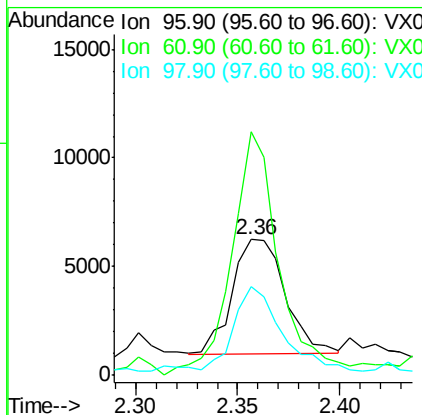
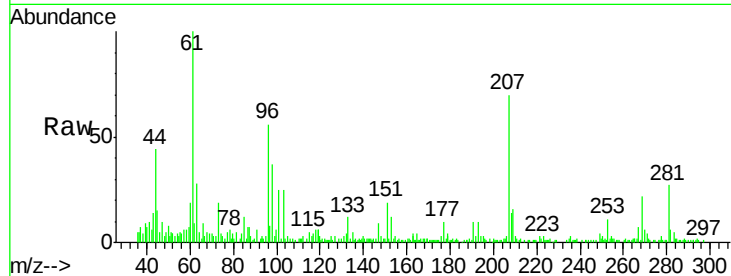
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	9587
Ion	Ratio	Lower	Upper
96	100		
61	205.7	135.0	202.6#
98	71.9	50.6	76.0

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#14

Allyl chloride

Concen: 1.052 ug/l

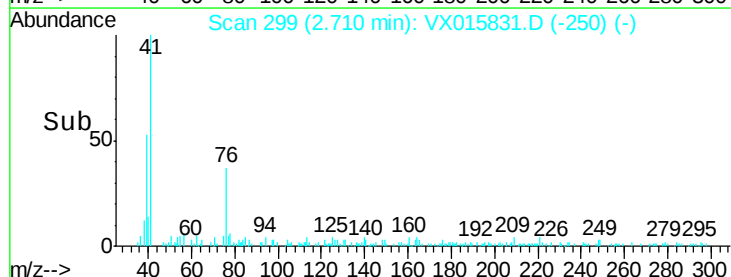
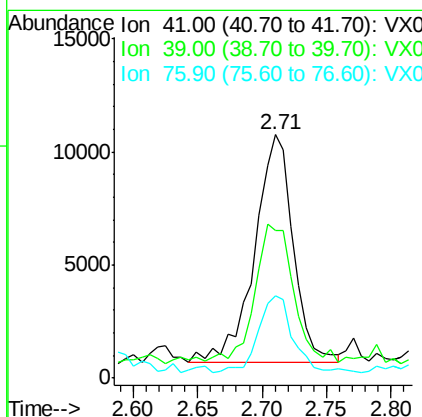
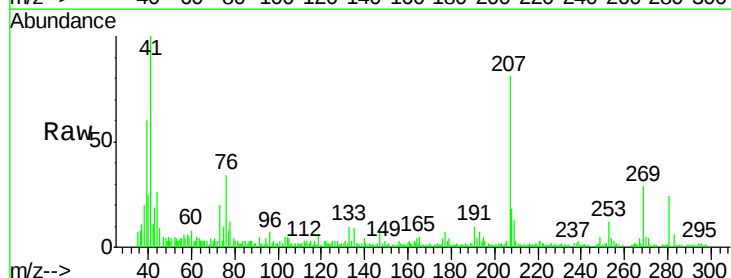
RT: 2.71 min Scan# 299

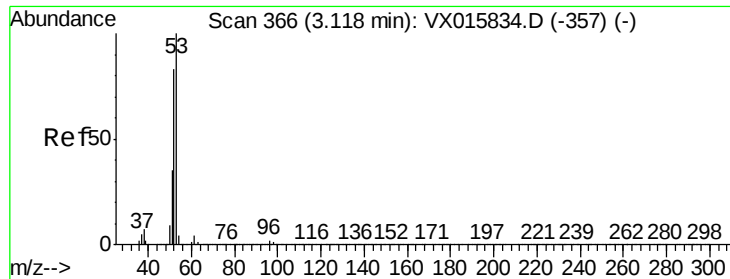
Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Tgt Ion:	41	Resp:	20943
Ion	Ratio	Lower	Upper
41	100		
39	57.5	48.4	72.6
76	30.8	23.8	35.8





#15

Acrylonitrile

Concen: 4.802 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

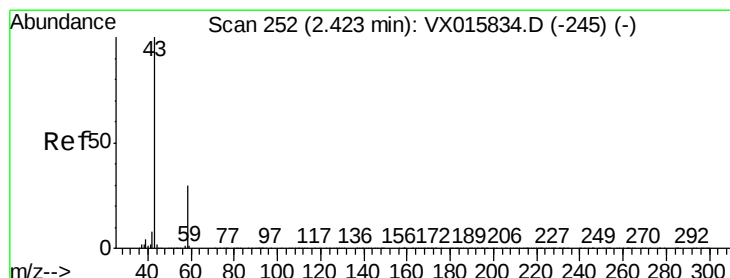
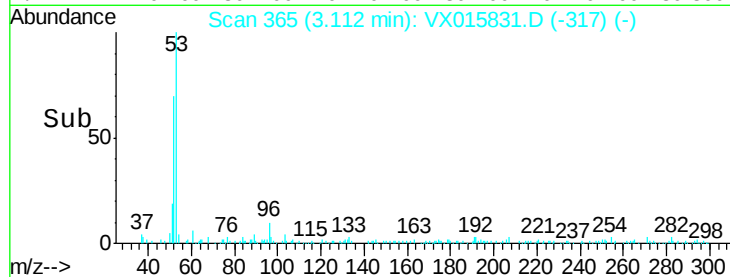
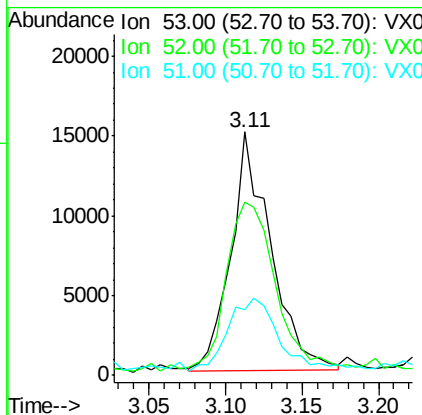
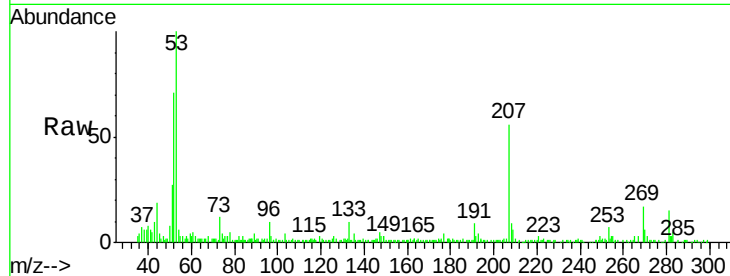
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	27162
Ion Ratio	Lower	Upper	
53	100		
52	84.4	66.2	99.4
51	39.6	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 6.294 ug/l

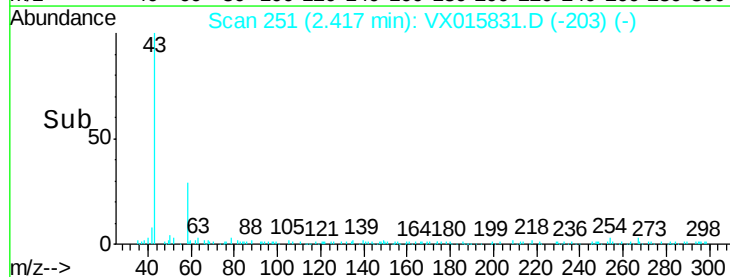
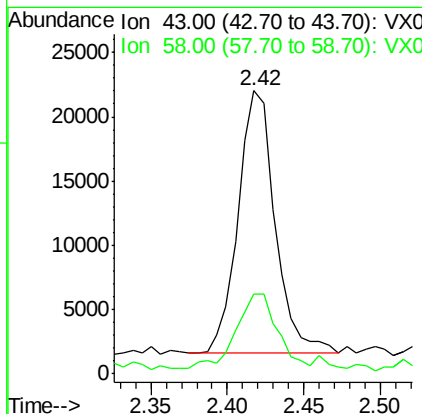
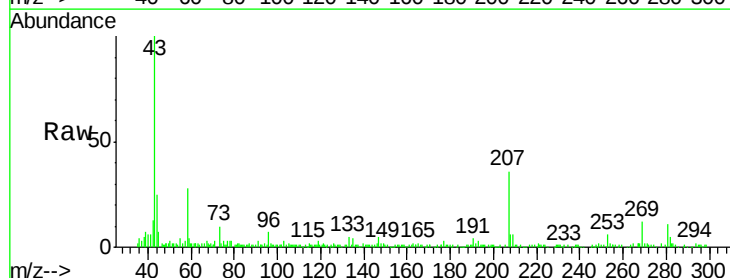
RT: 2.42 min Scan# 251

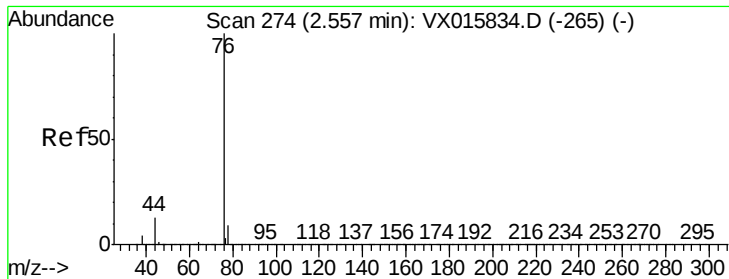
Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Tgt Ion:	43	Resp:	34344
Ion Ratio	Lower	Upper	
43	100		
58	28.8	24.0	36.0





#17

Carbon Disulfide

Concen: 1.714 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 76 Resp: 64523

Ion Ratio Lower Upper

76 100

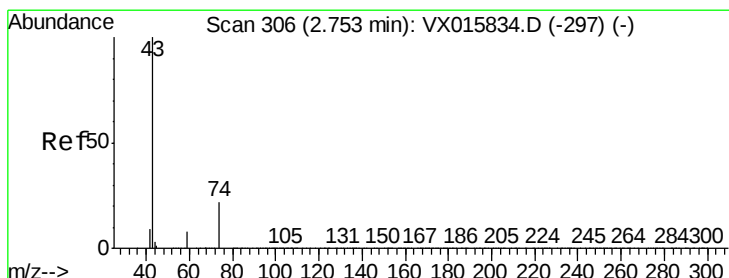
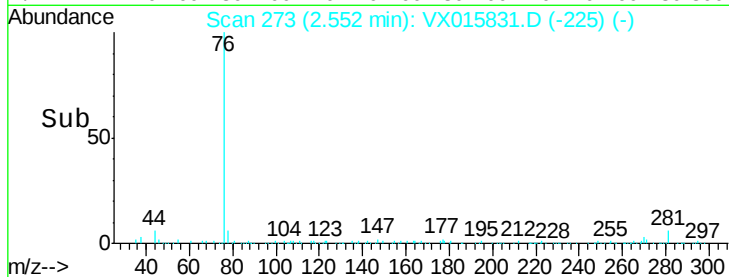
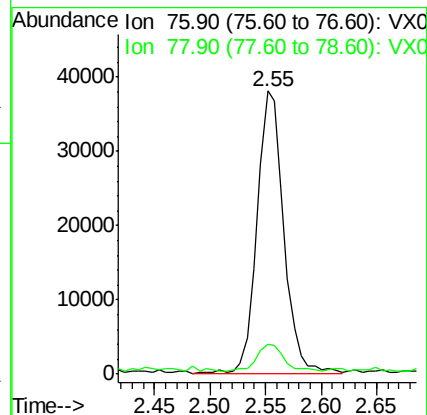
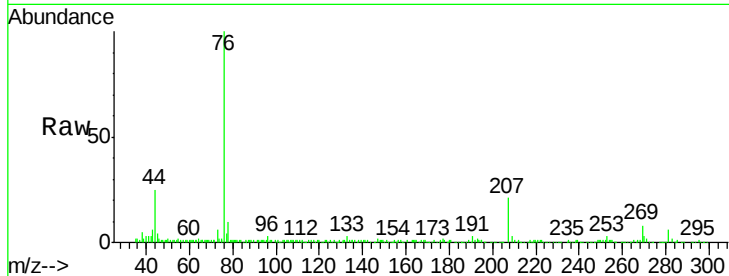
78 8.3 7.4 11.2

Manual Integrations

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#18

Methyl Acetate

Concen: 1.102 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015831.D

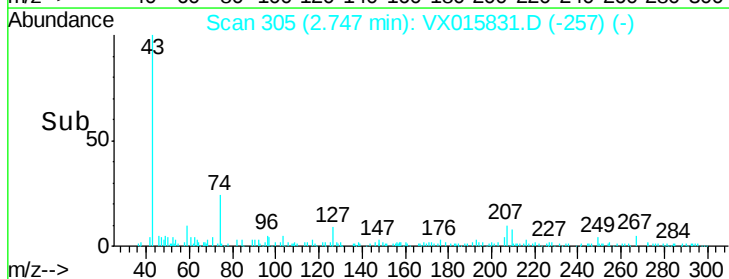
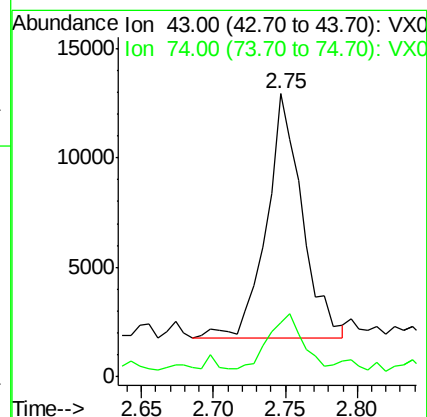
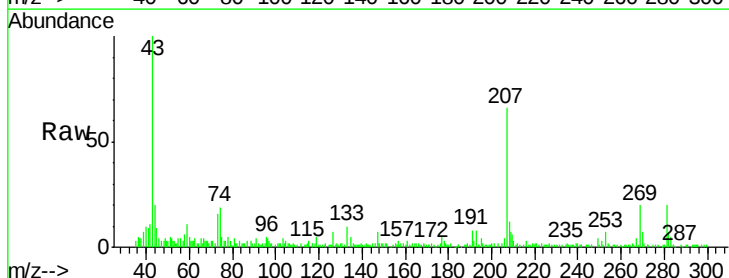
Acq: 22 Apr 2020 09:59

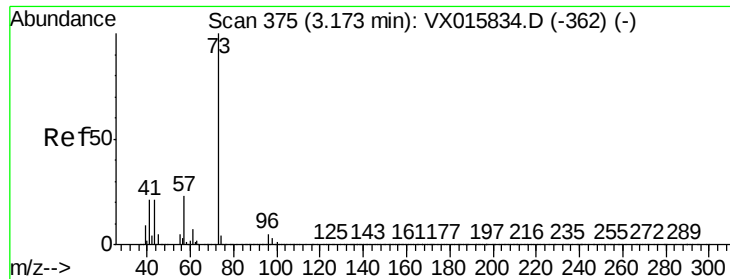
Tgt Ion: 43 Resp: 19079

Ion Ratio Lower Upper

43 100

74 21.7 17.9 26.9





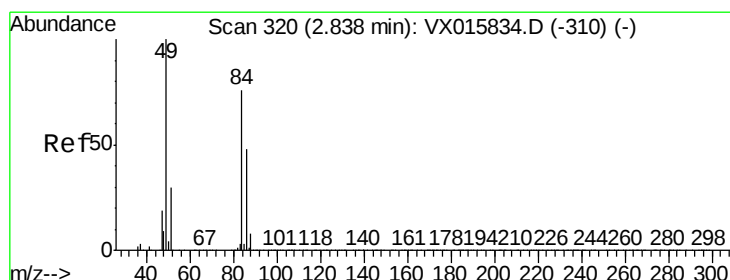
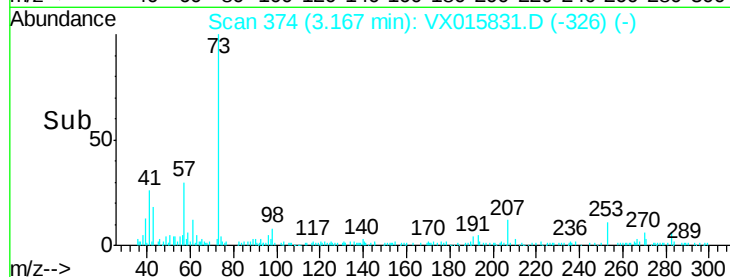
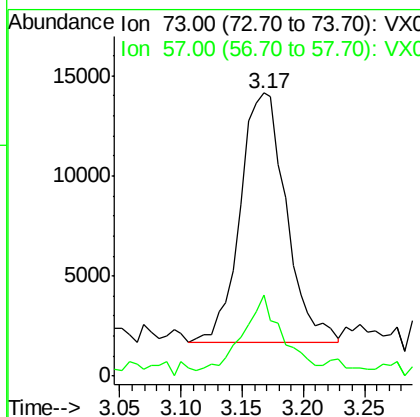
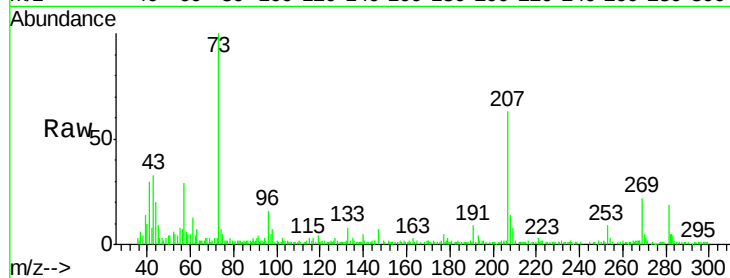
#19
Methvl tert-butvl Ether
Concen: 0.993 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
73	100		
57	29.3	18.1	27.1#

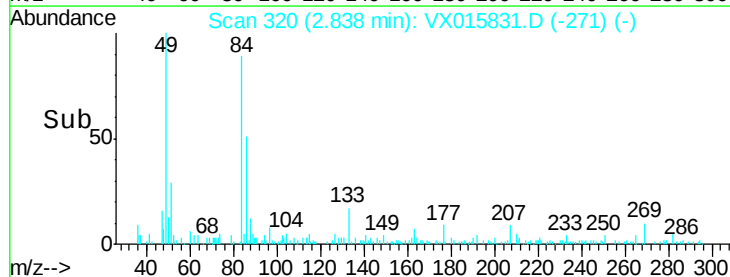
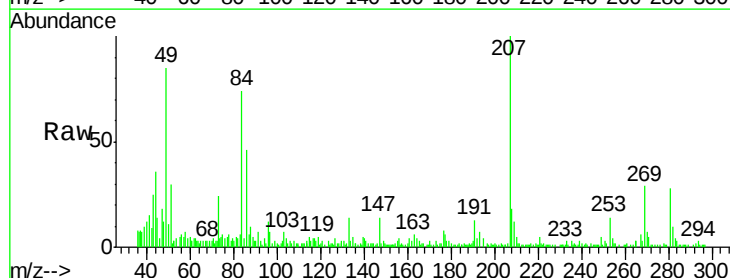
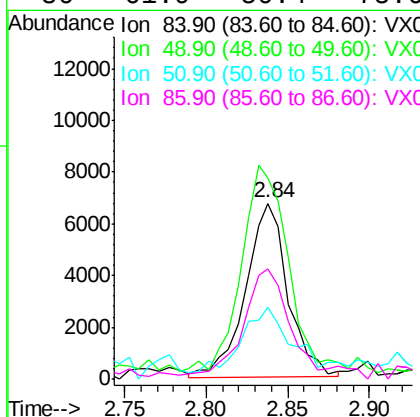
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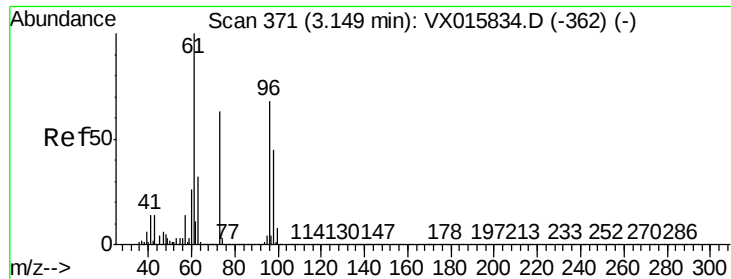
MMDadoda
4/23/2020 11:57:55 AM



#20
Methylene Chloride
Concen: 1.124 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.00 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

Tgt Ion	Ratio	Lower	Upper
84	100		
49	112.2	104.9	157.3
51	38.2	32.0	48.0
86	61.9	50.4	75.6





#21

trans-1,2-Dichloroethene

Concen: 1.083 ug/l

RT: 3.15 min Scan# 371

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

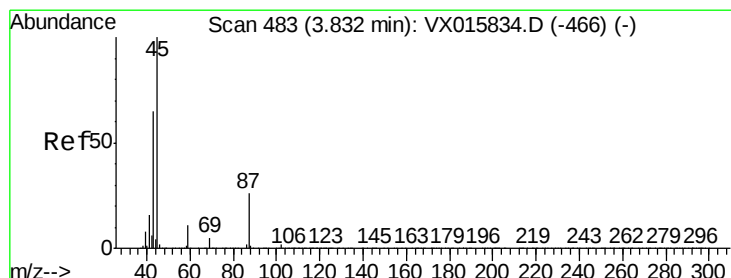
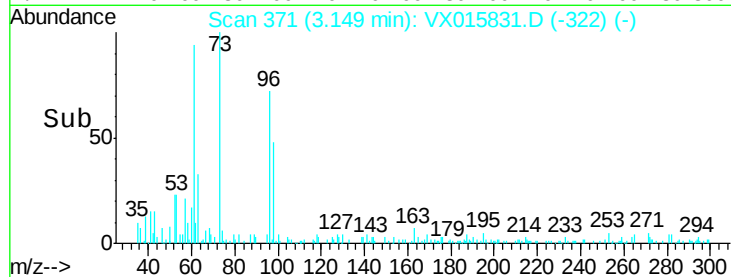
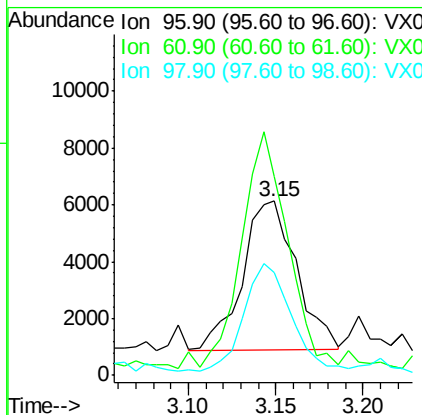
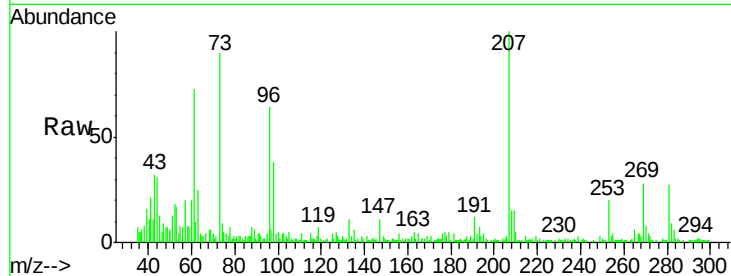
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	11279
Ion	Ratio	Lower	Upper
96	100		
61	127.1	117.5	176.3
98	66.0	52.7	79.1

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#22

Diisopropyl ether

Concen: 1.003 ug/l

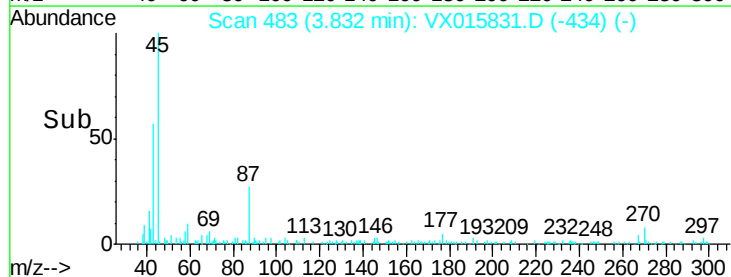
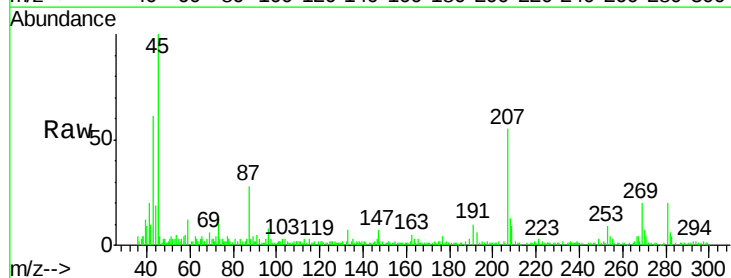
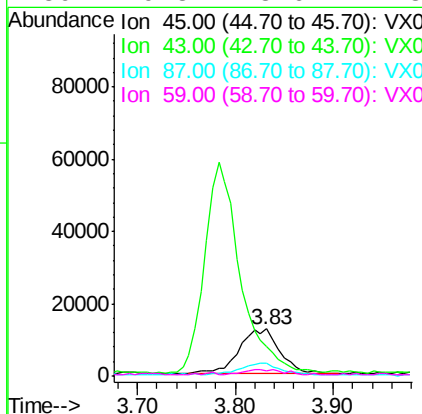
RT: 3.83 min Scan# 483

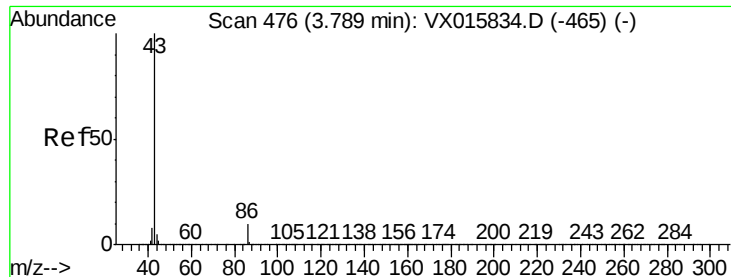
Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Tgt Ion:	45	Resp:	35933
Ion	Ratio	Lower	Upper
45	100		
43	53.7	52.4	78.6
87	26.9	20.7	31.1
59	9.8	8.6	12.8





#23

Vinyl Acetate

Concen: 4.942 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 147999

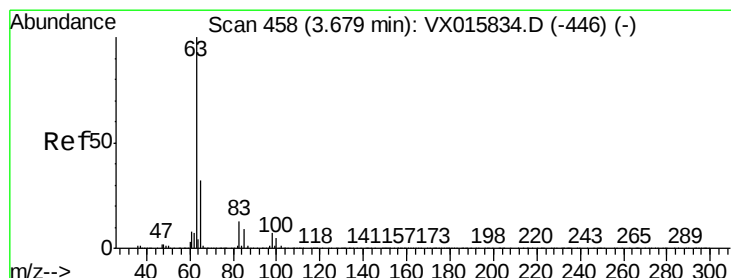
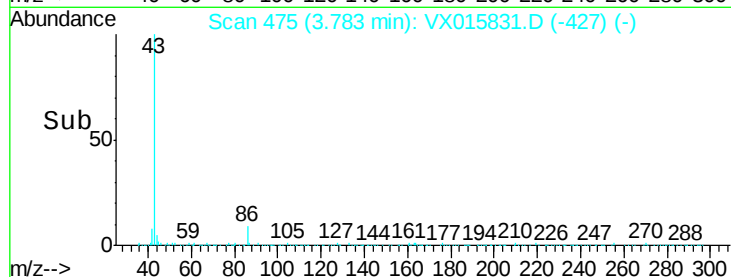
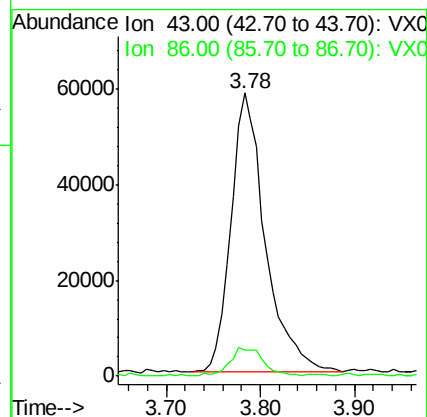
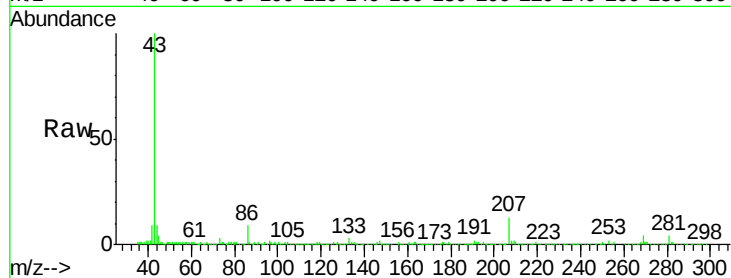
Ion Ratio Lower Upper

43 100

86 9.4 8.0 12.0

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#24

1,1-Dichloroethane

Concen: 0.982 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

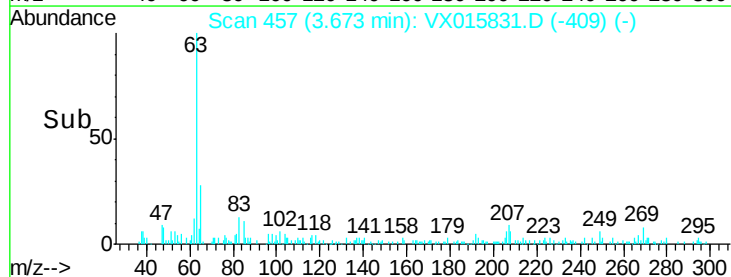
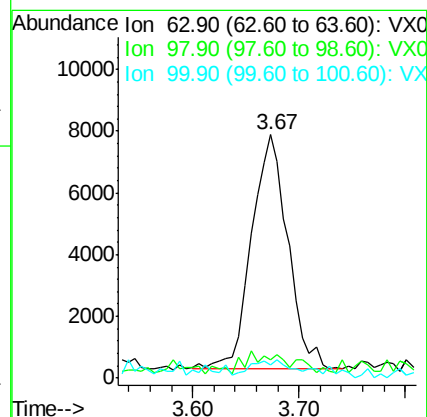
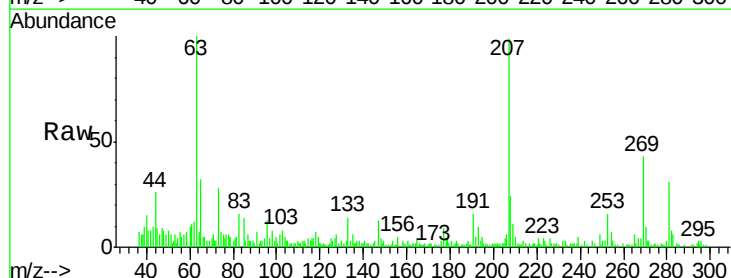
Tgt Ion: 63 Resp: 18128

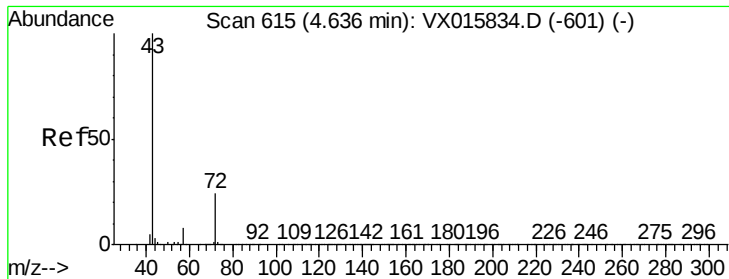
Ion Ratio Lower Upper

63 100

98 3.6 3.5 10.4

100 4.3 2.3 6.8





#25

2-Butanone

Concen: 5.133 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 42347

Ion Ratio Lower Upper

43 100

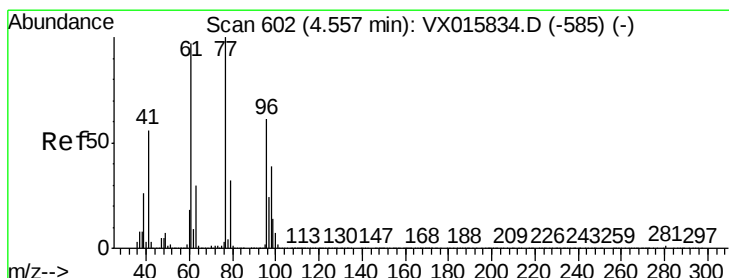
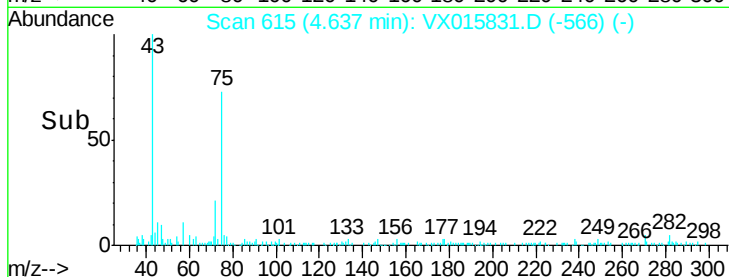
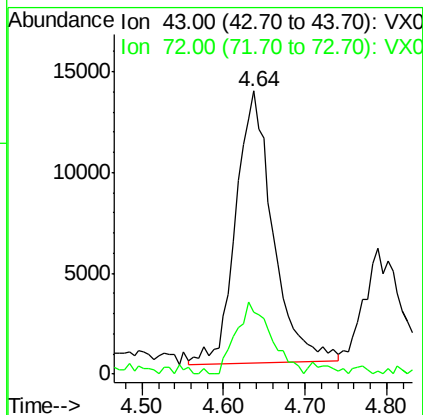
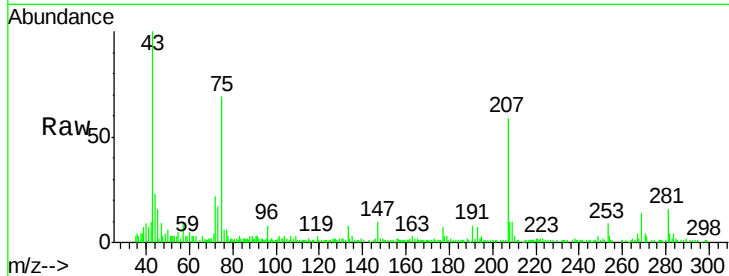
72 22.1 19.4 29.2

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#26

2,2-Dichloropropane

Concen: 1.023 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015831.D

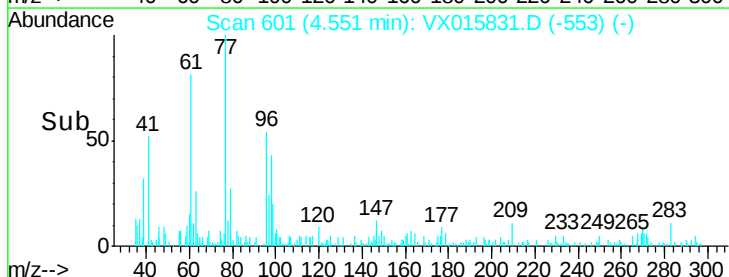
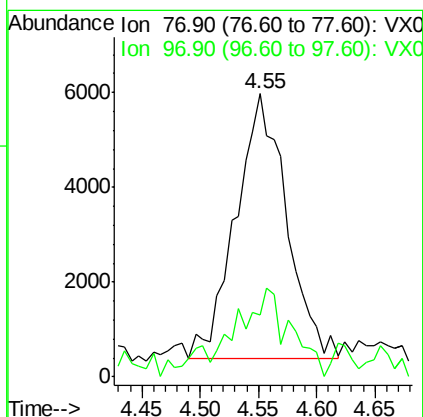
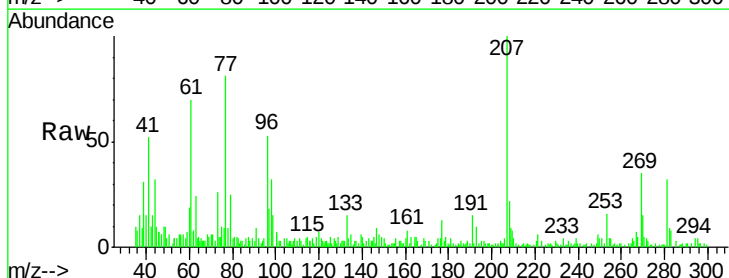
Acq: 22 Apr 2020 09:59

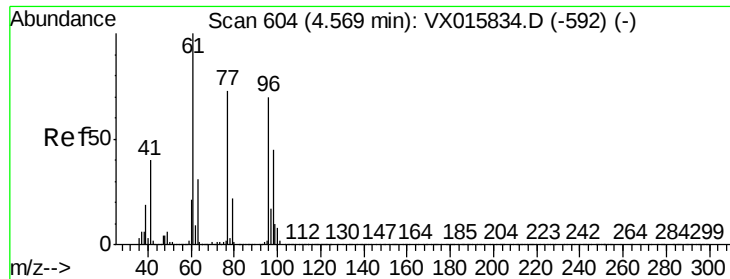
Tgt Ion: 77 Resp: 16964

Ion Ratio Lower Upper

77 100

97 33.5 11.4 34.1





#27

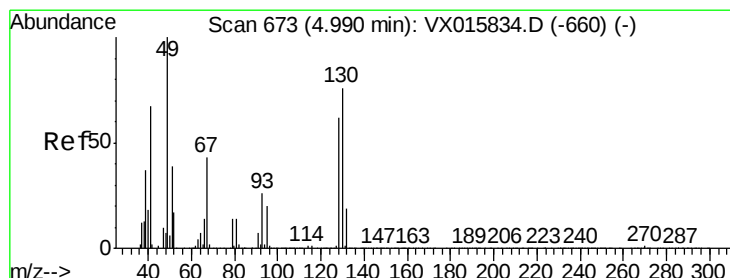
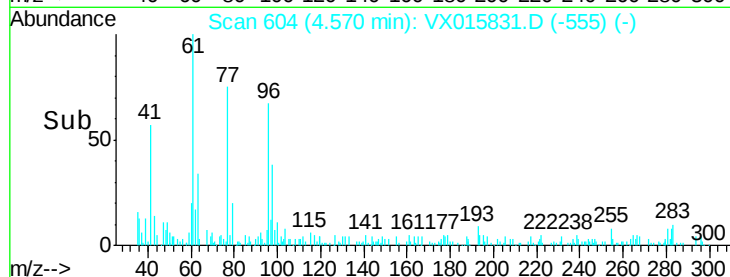
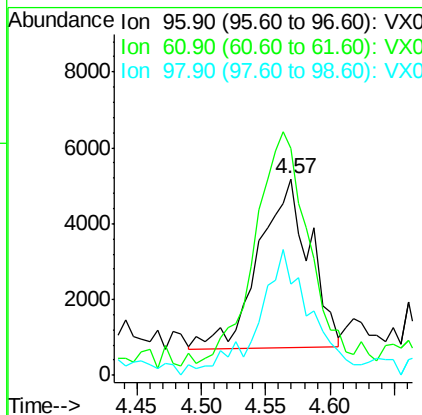
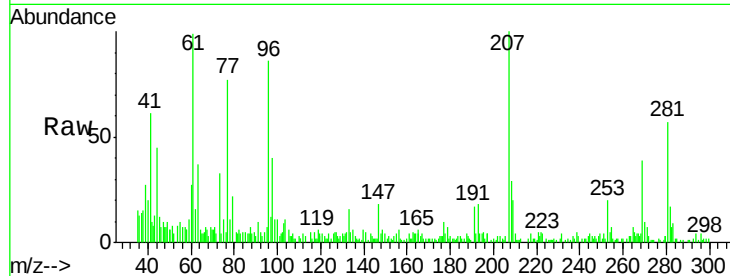
cis-1,2-Dichloroethene
Concen: 1.045 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
96	100	12173		
61	142.2	0.0	299.4	
98	77.9	0.0	129.6	

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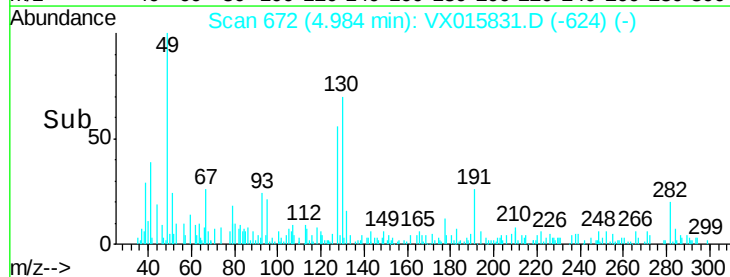
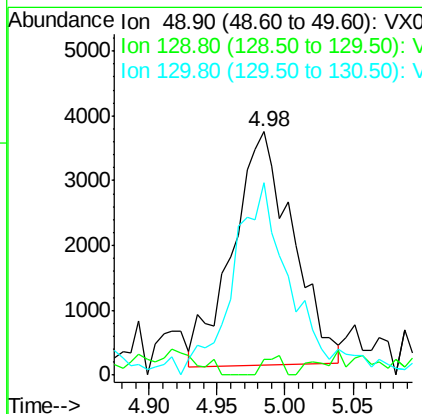
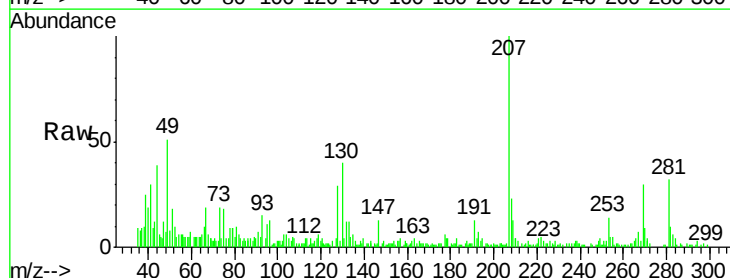
MMDadoda
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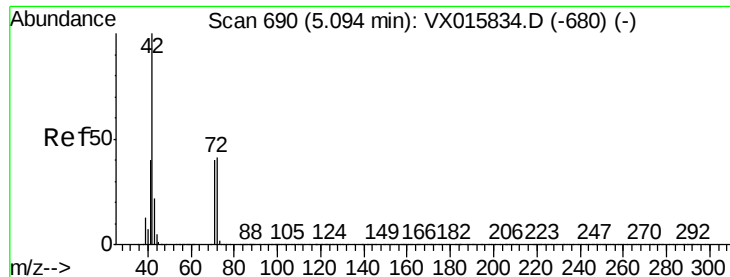


#28

Bromochloromethane
Concen: 1.104 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.01 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	11073		
129	2.6	0.0	1.8#	
130	75.1	62.4	93.6	





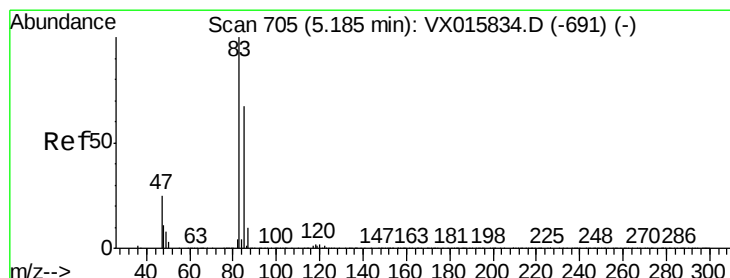
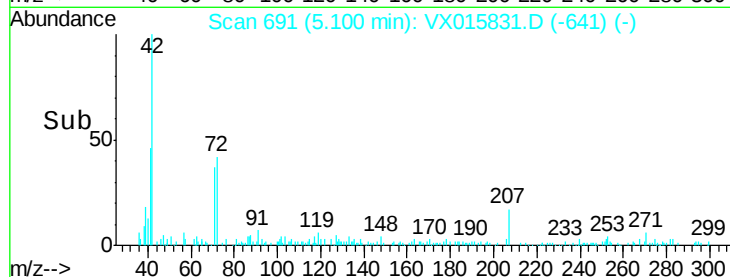
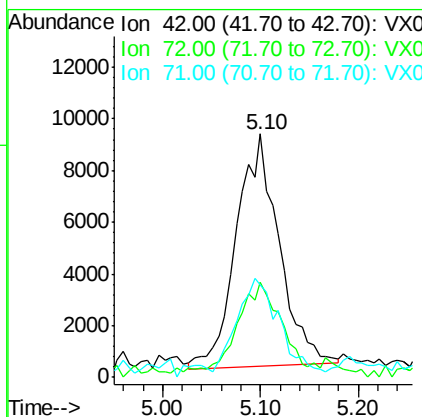
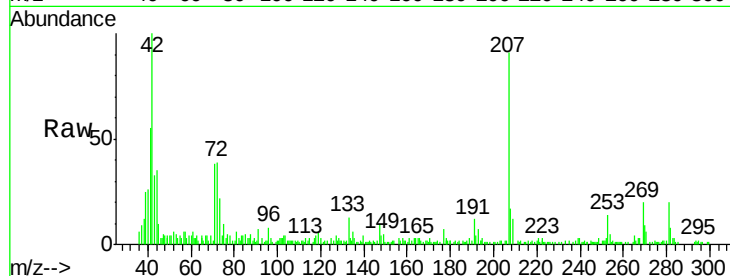
#29
Tetrahydrofuran
Concen: 5.016 ug/l
RT: 5.10 min Scan# 691
Delta R.T. 0.01 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	35.4	33.0	49.6
71	38.2	30.6	45.8

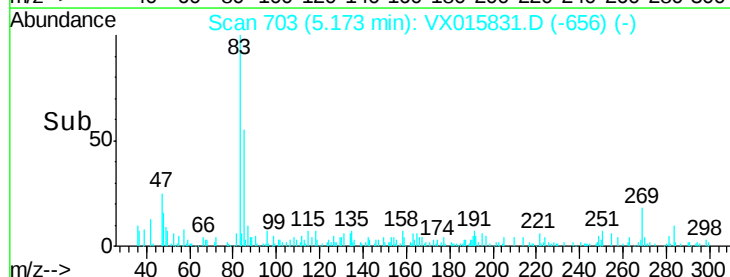
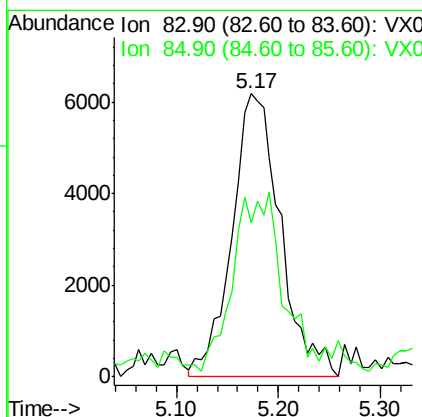
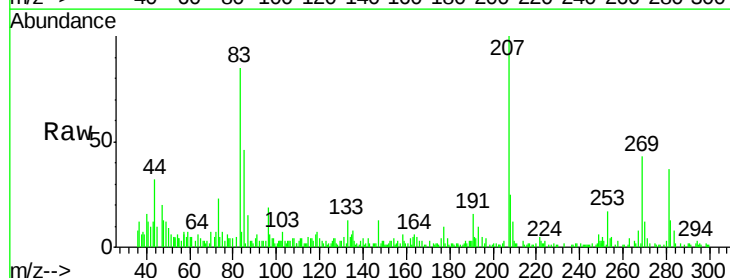
Manual Integrations
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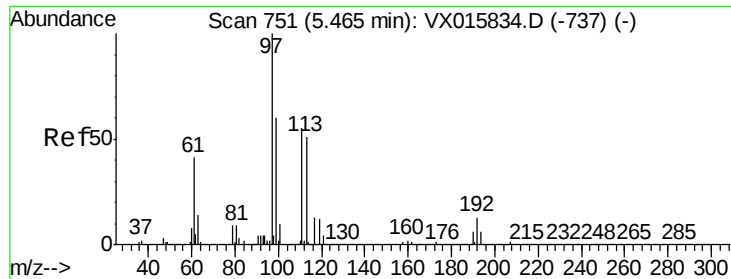
MMDadoda
4/23/2020 11:57:55 AM



#30
Chloroform
Concen: 1.084 ug/l
RT: 5.17 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	50.2	53.4	80.0#





#32

1,1,1-Trichloroethane

Concen: 0.979 ug/l

RT: 5.47 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

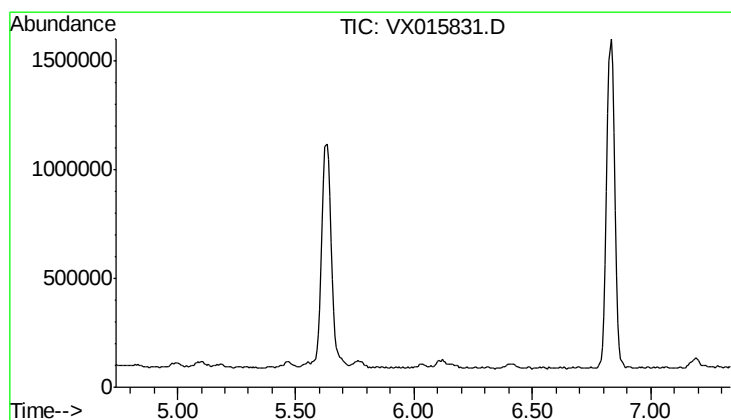
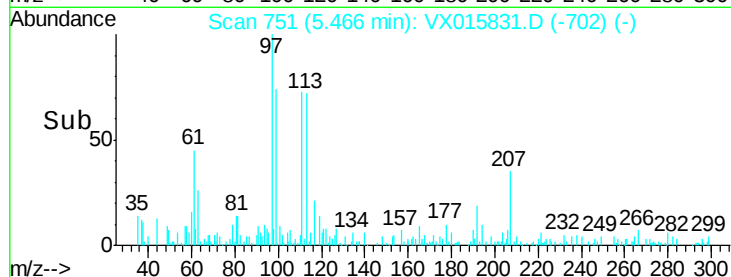
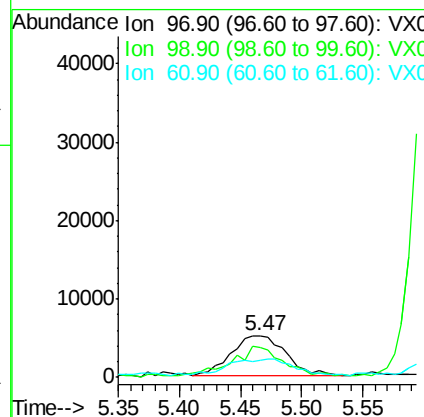
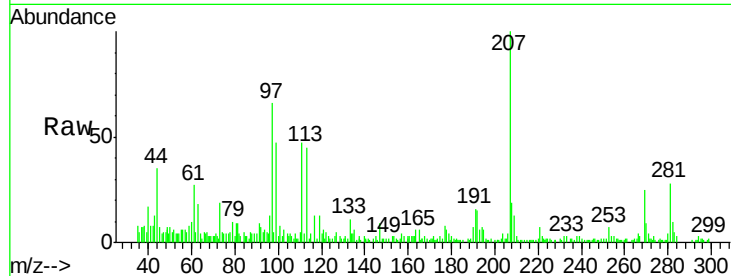
ClientSampleId :

VSTDIC001

Tot Ion:	97	Resp:	16256
Ion Ratio	Lower	Upper	
97	100		
99	0.0	51.2	76.8#
61	47.1	34.1	51.1

Manual Integrations
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MMDadoda
4/23/2020 11:57:55 AM



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 6.04 min

Lab File: VX015831.D

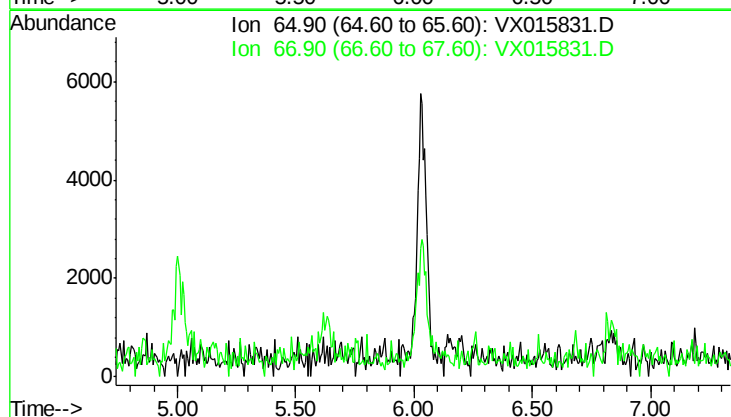
Acq: 22 Apr 2020 09:59

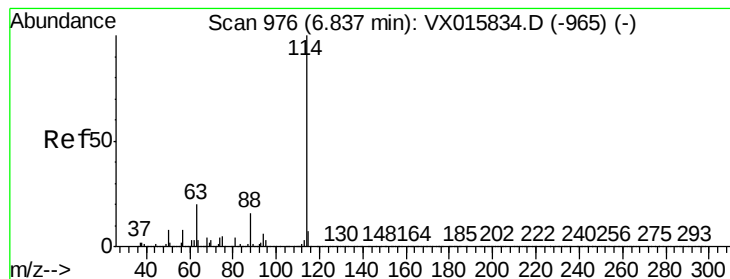
Tgt Ion: 65

Sig Exp Ratio

65 100

67 52.1





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

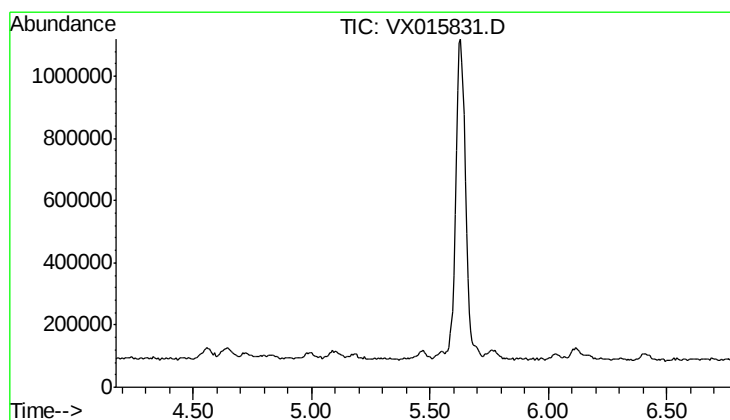
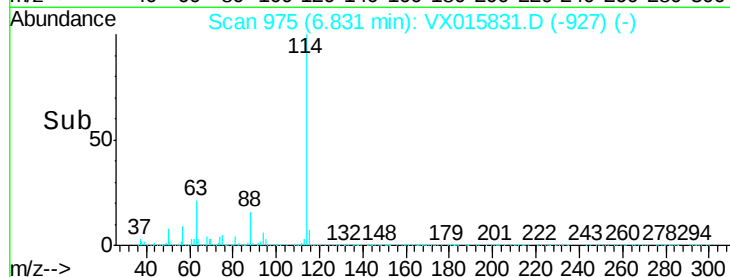
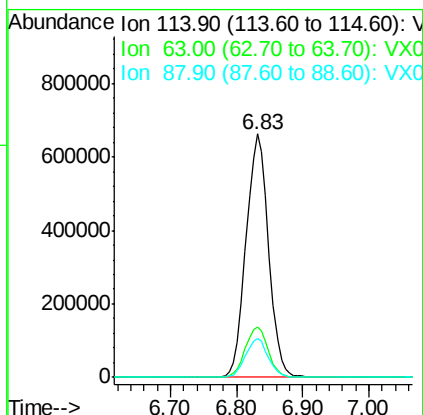
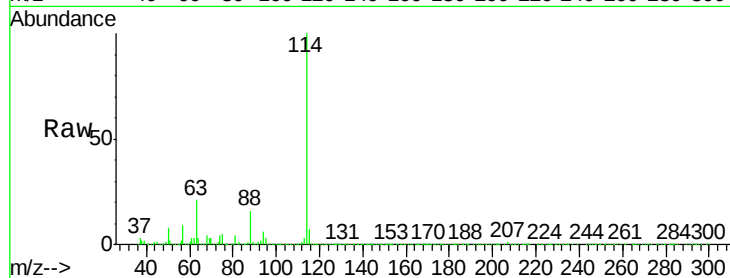
ClientSampleId :

VSTDIC001

Tot Ion:	114	Resp:	1572514
Ion Ratio	Lower	Upper	
114	100		
63	20.7	0.0	40.6
88	15.8	0.0	32.8

Manual Integrations
APPROVED

MMDadoda
4/23/2020 11:57:55 AM



#35

Dibromofluoromethane

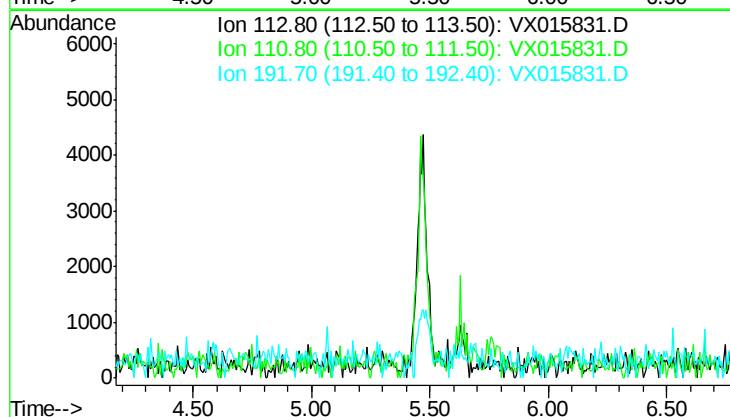
Concen: 0.000 ug/l

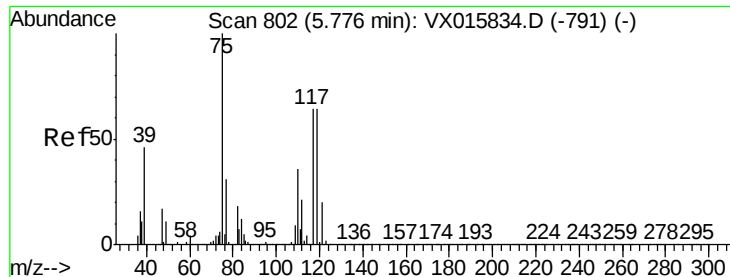
Expected RT: 5.47 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Tgt Ion:	113
Sig	Exp Ratio
113	100
111	103.4
192	24.1





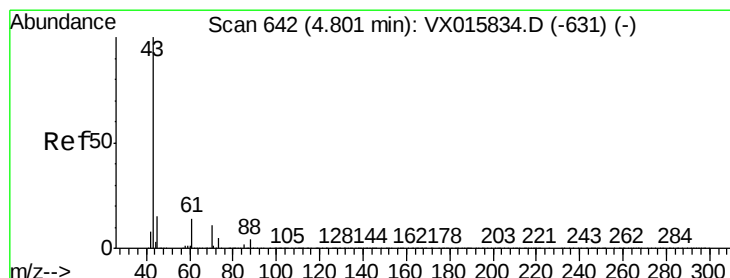
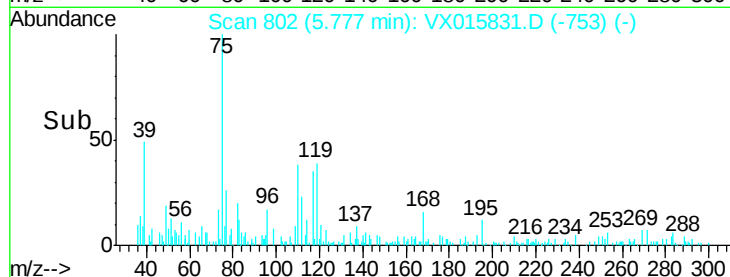
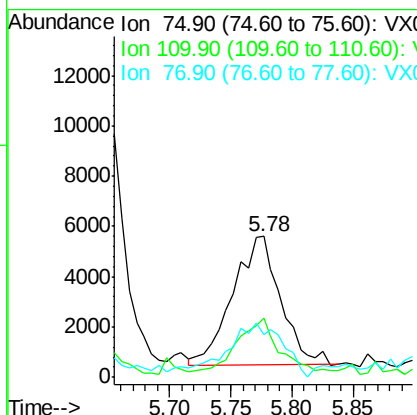
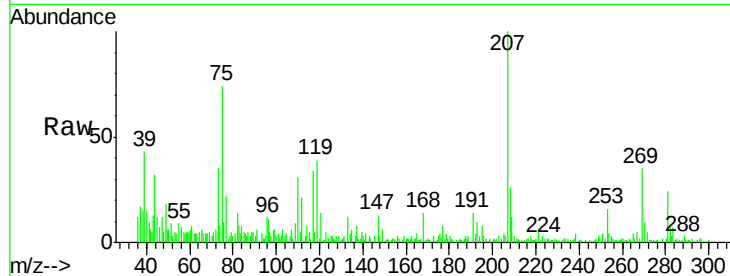
#36
 1,1-Dichloropropene
 Concen: 1.005 ug/l
 RT: 5.78 min Scan# 802
 Delta R.T. 0.00 min
 Lab File: VX015831.D
 Acq: 22 Apr 2020 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion:	75	Resp:	13869
Ion Ratio	Lower	Upper	
75	100		
110	42.9	17.9	53.8
77	50.3	24.5	36.7#

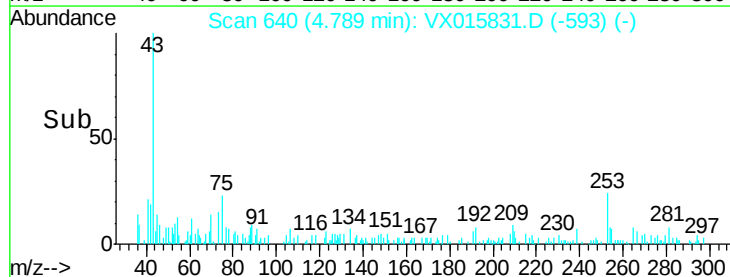
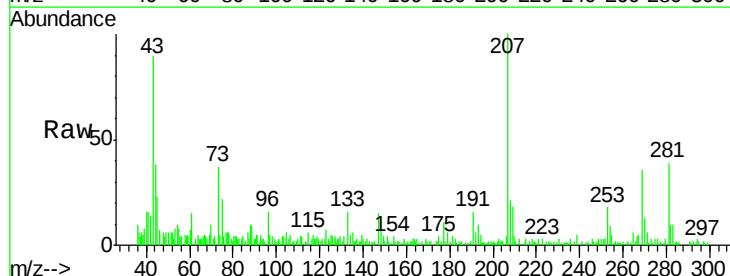
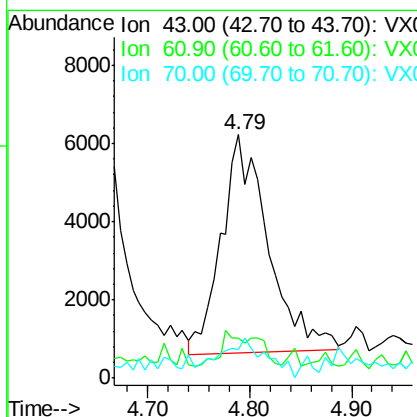
Manual Integrations
 APPROVED

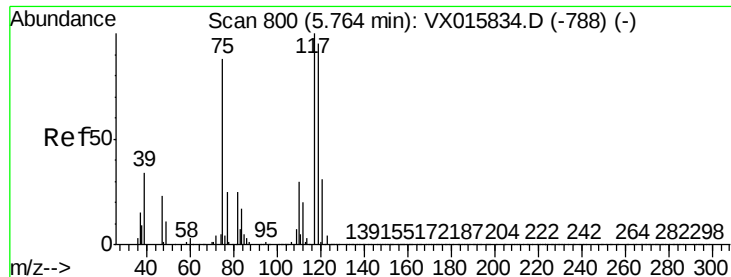
MMDadoda
 4/23/2020 11:57:55 AM



#37
 Ethyl Acetate
 Concen: 1.071 ug/l
 RT: 4.79 min Scan# 640
 Delta R.T. -0.01 min
 Lab File: VX015831.D
 Acq: 22 Apr 2020 09:59

Tgt Ion:	43	Resp:	17780
Ion Ratio	Lower	Upper	
43	100		
61	7.1	10.8	16.2#
70	17.5	8.2	12.2#





#38

Carbon Tetrachloride

Concen: 0.932 ug/l

RT: 5.76 min Scan# 800

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

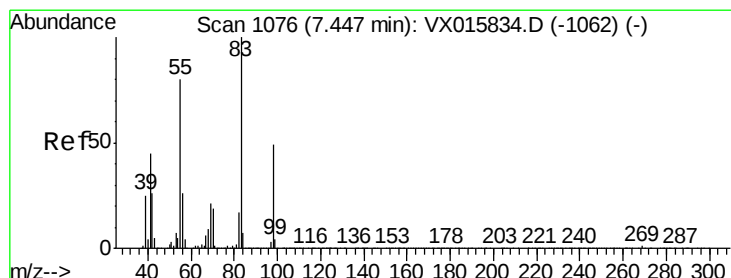
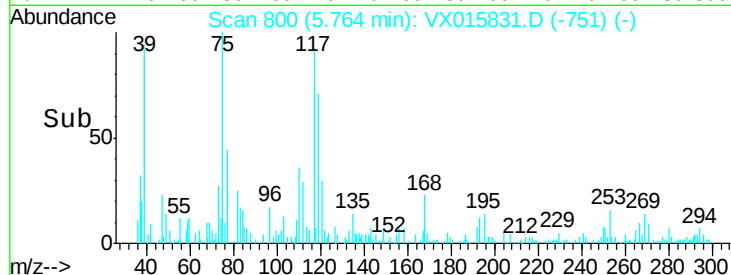
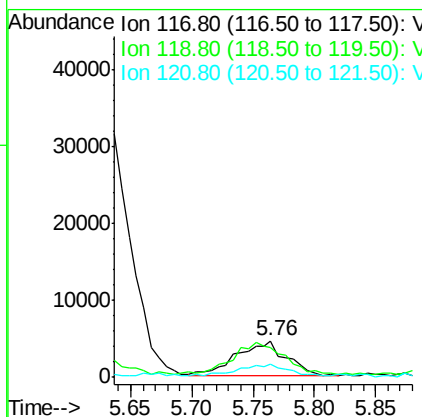
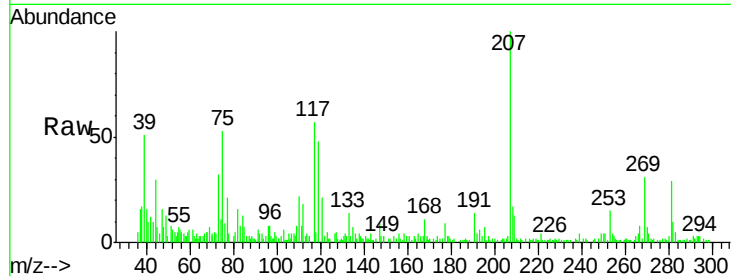
ClientSampleId :

VSTDIC001

Tot Ion:	117	Resp:	12501
Ion Ratio	Lower	Upper	
117	100		
119	80.3	75.7	113.5
121	33.1	25.0	37.6

Manual Integrations
APPROVED

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#39

Methylcyclohexane

Concen: 1.115 ug/l

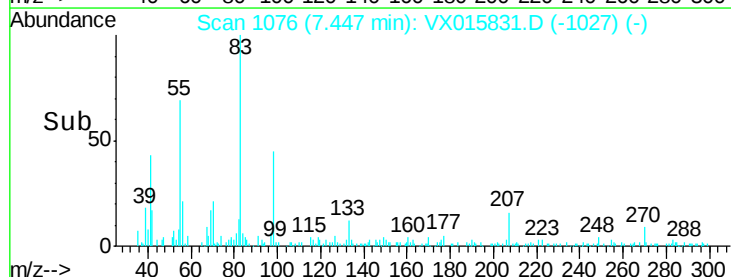
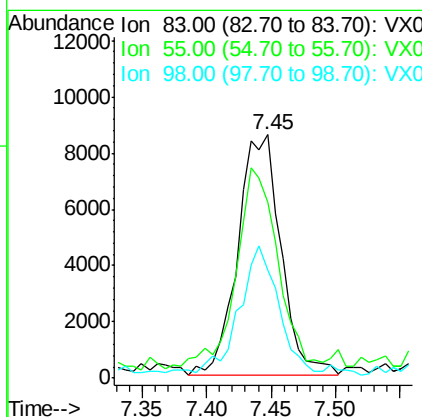
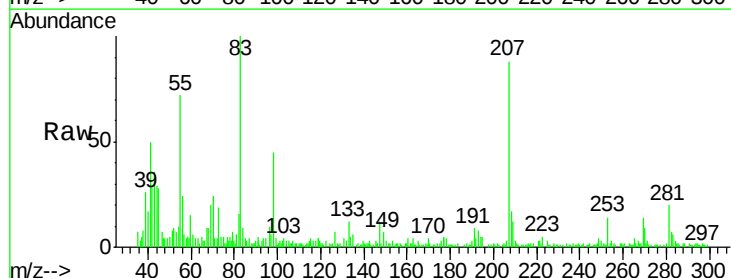
RT: 7.45 min Scan# 1076

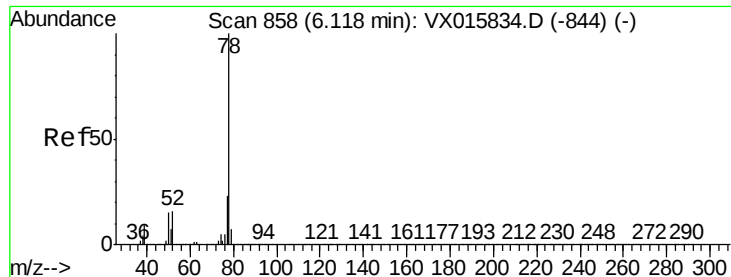
Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Tgt Ion:	83	Resp:	19834
Ion Ratio	Lower	Upper	
83	100		
55	64.6	64.2	96.4
98	41.9	39.3	58.9





#40

Benzene

Concen: 1.061 ug/l

RT: 6.12 min Scan# 858

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 44828

Ion Ratio Lower Upper

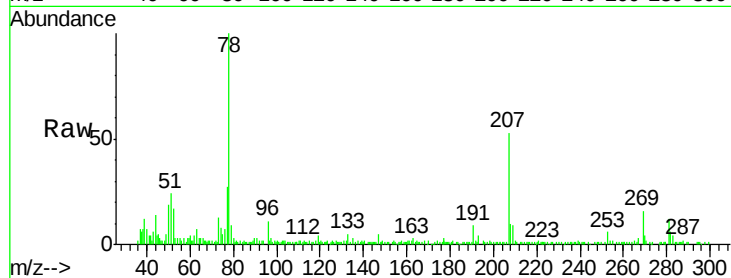
78 100

77 25.5 18.6 27.8

Manual Integrations
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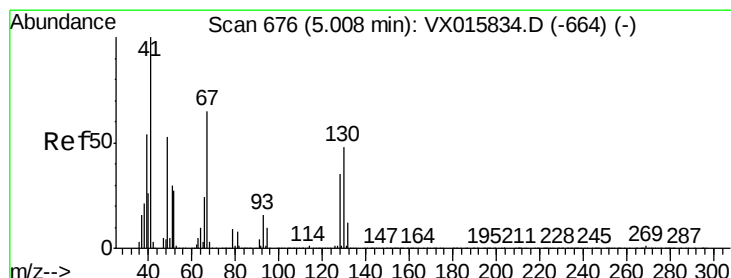
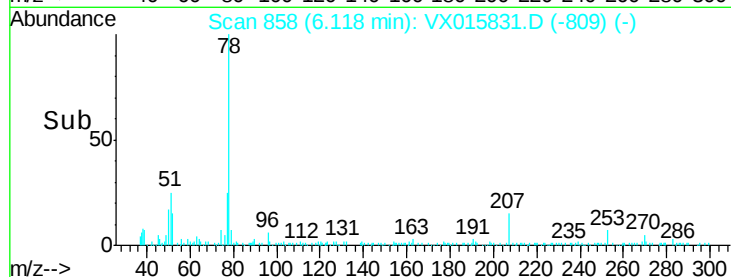
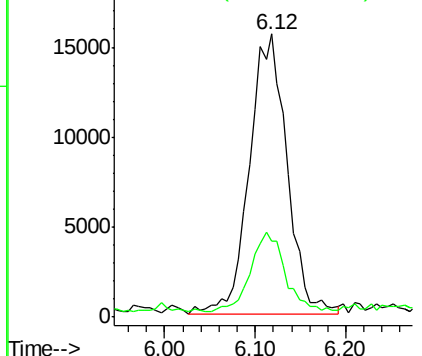
MMDadoda

4/23/2020 11:57:55 AM



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#41

Methacrylonitrile

Concen: 1.069 ug/l m

RT: 5.00 min Scan# 674

Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Tgt Ion: 41 Resp: 8375

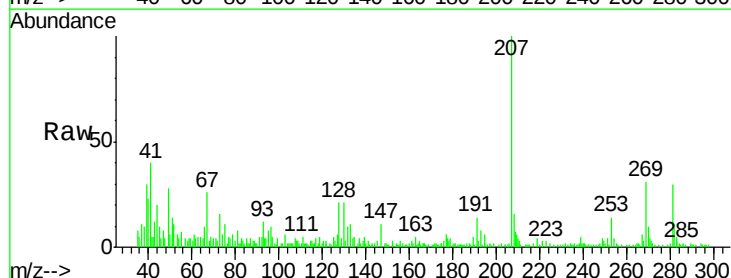
Ion Ratio Lower Upper

41 100

39 65.3 42.4 63.6#

67 41.5 51.9 77.9#

52 6.1 21.0 31.4#

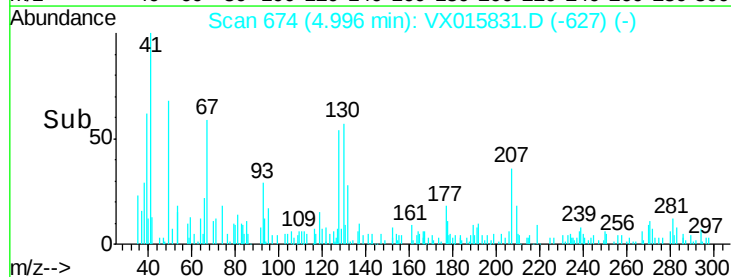
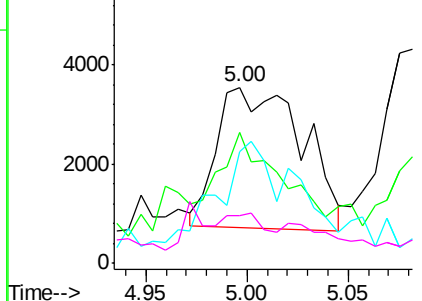


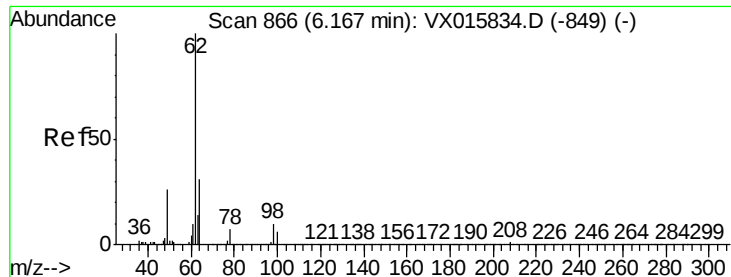
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





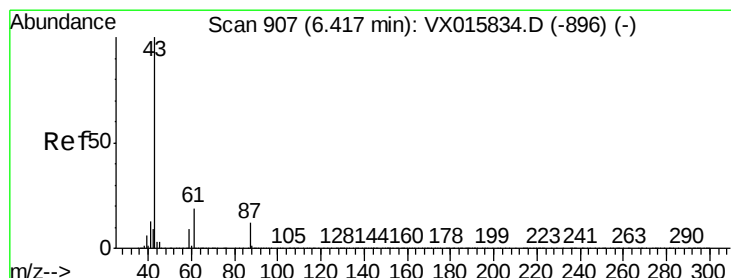
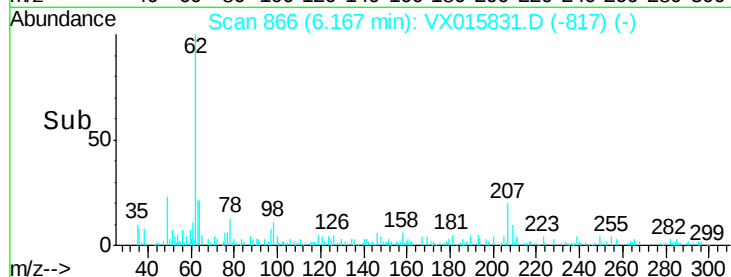
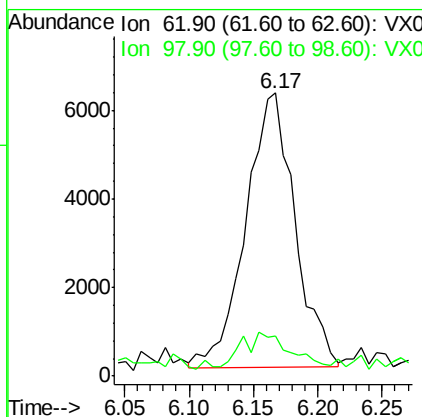
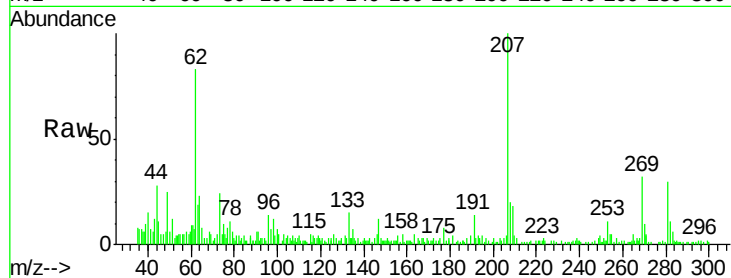
#42
1,2-Dichloroethane
Concen: 1.082 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
62	100	16437		
98	13.4	0.0	20.0	

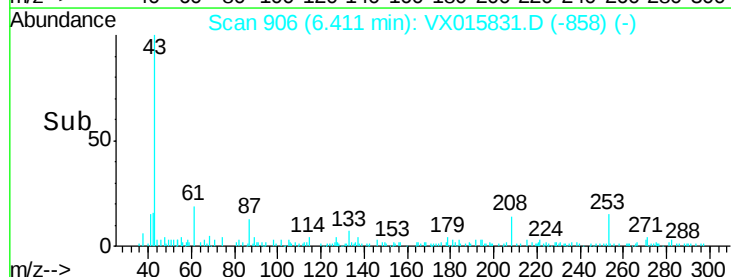
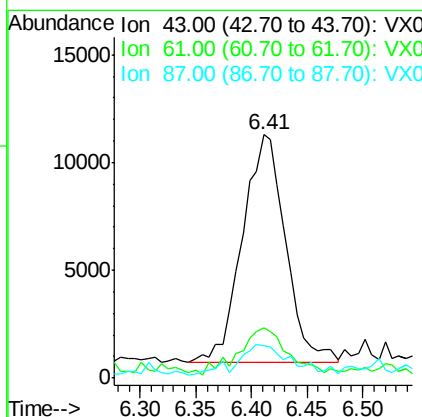
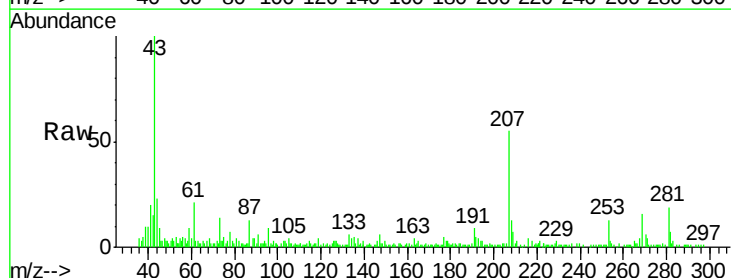
Manual Integrations
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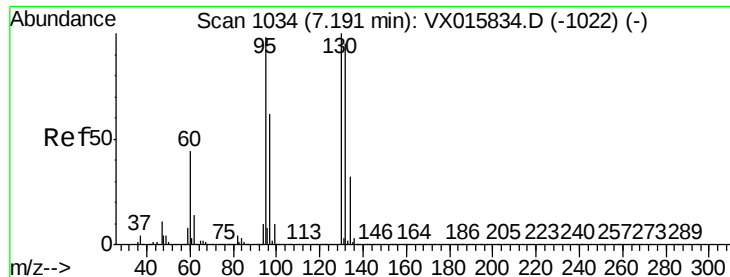
MMDadoda
4/23/2020 11:57:55 AM



#43
Isopropyl Acetate
Concen: 1.023 ug/l
RT: 6.41 min Scan# 906
Delta R.T. -0.01 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	28509		
61	21.2	15.4	23.2	
87	12.9	9.8	14.6	





#44

Trichloroethene

Concen: 1.014 ug/l

RT: 7.19 min Scan# 1034

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 14984

Ion Ratio Lower Upper

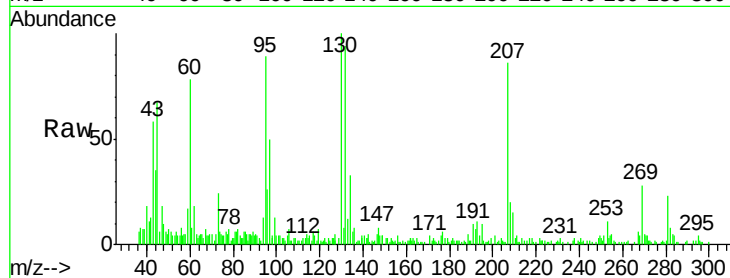
130 100

95 87.2 0.0 195.8

Manual Integrations
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.19

8000

6000

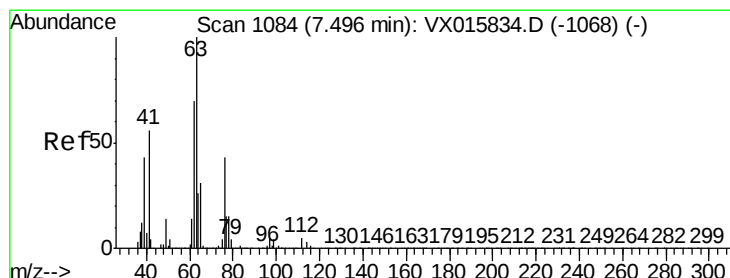
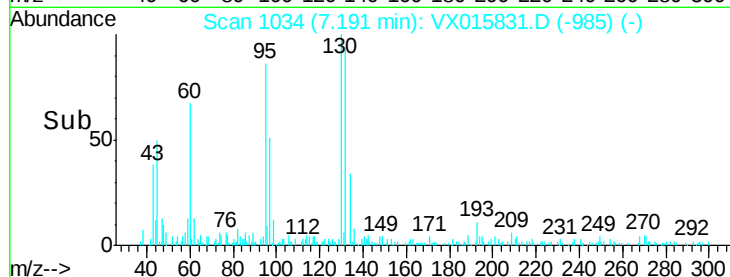
4000

2000

0

7.10 7.15 7.20 7.25

Time-->



#45

1,2-Dichloropropane

Concen: 1.004 ug/l

RT: 7.49 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VX015831.D

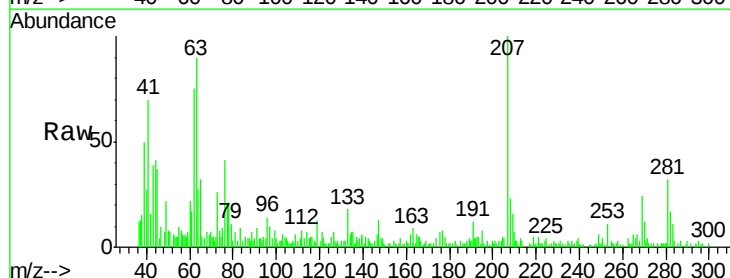
Acq: 22 Apr 2020 09:59

Tgt Ion: 63 Resp: 11020

Ion Ratio Lower Upper

63 100

65 29.9 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

6000

5000

4000

3000

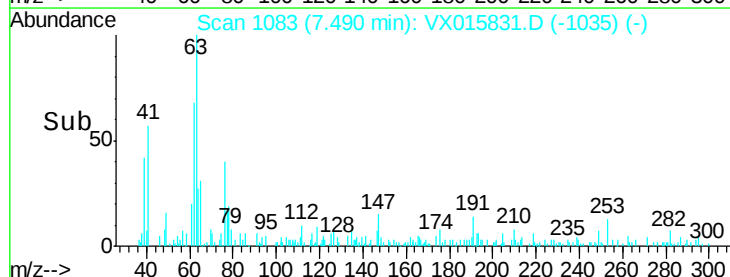
2000

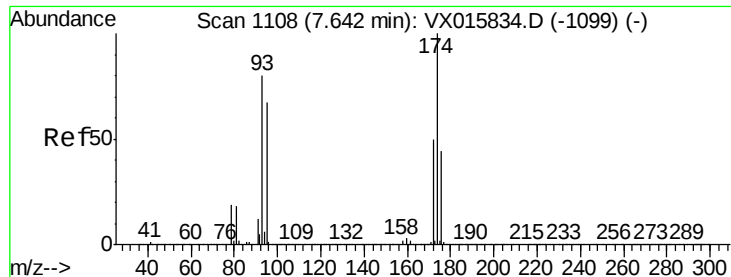
1000

0

7.45 7.50 7.55

Time-->





#46

Dibromomethane

Concen: 1.158 ug/l

RT: 7.64 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

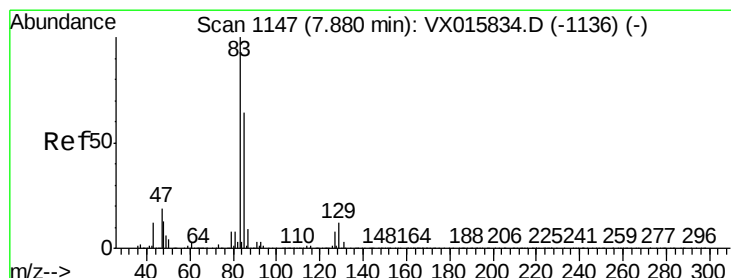
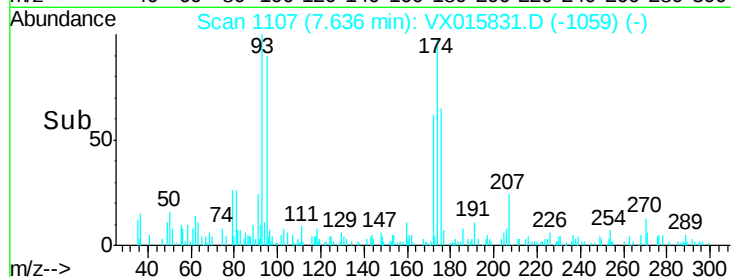
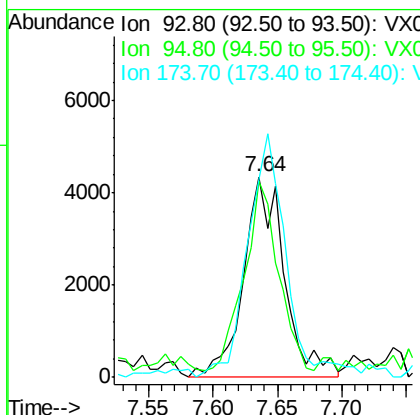
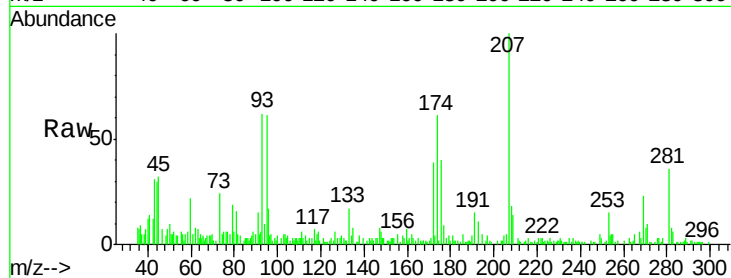
ClientSampleId :

VSTDIC001

Tot Ion:	93	Resp:	9569
Ion	Ratio	Lower	Upper
93	100		
95	80.4	65.8	98.8
174	113.7	95.6	143.4

Manual Integrations
APPROVED

MMDadoda
4/23/2020 11:57:55 AM



#47

Bromodichloromethane

Concen: 1.025 ug/l

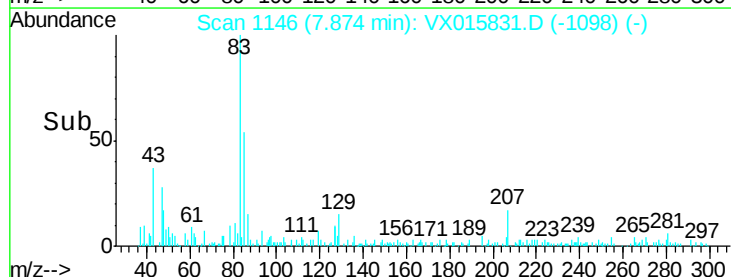
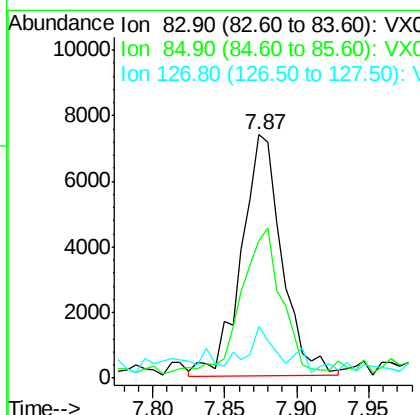
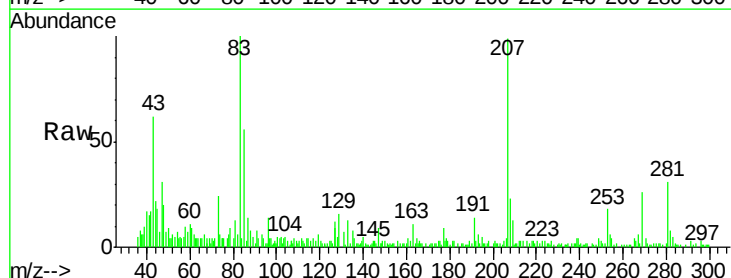
RT: 7.87 min Scan# 1146

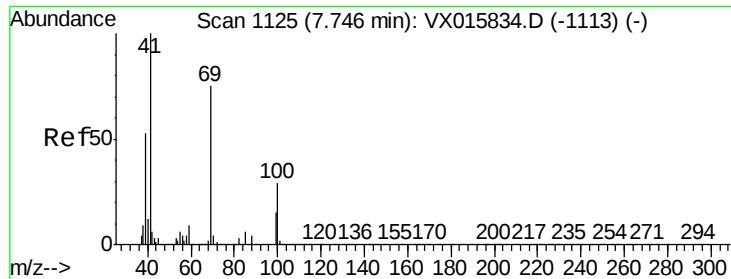
Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Tgt Ion:	83	Resp:	14329
Ion	Ratio	Lower	Upper
83	100		
85	54.5	50.8	76.2
127	19.0	6.6	10.0#





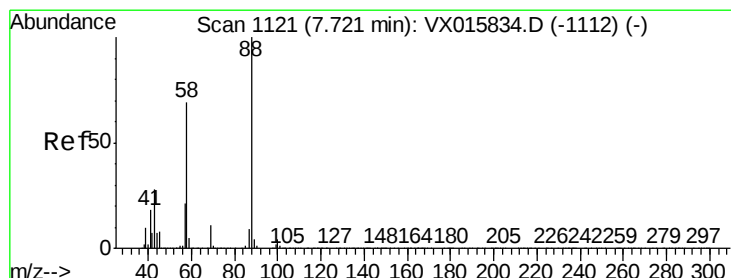
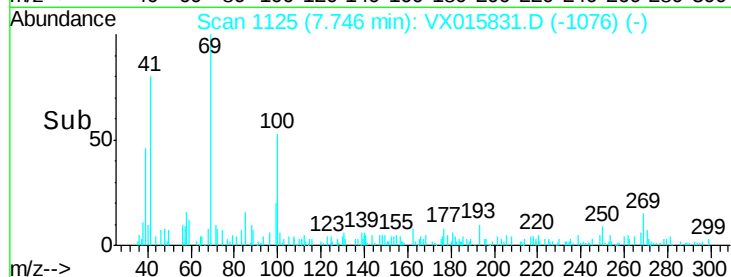
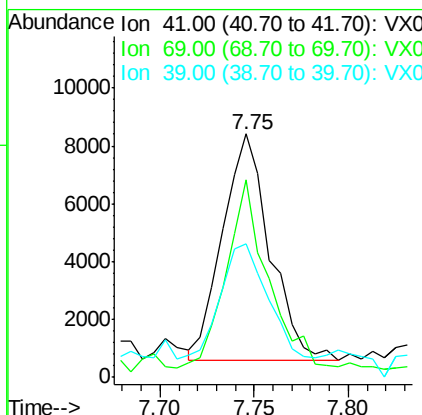
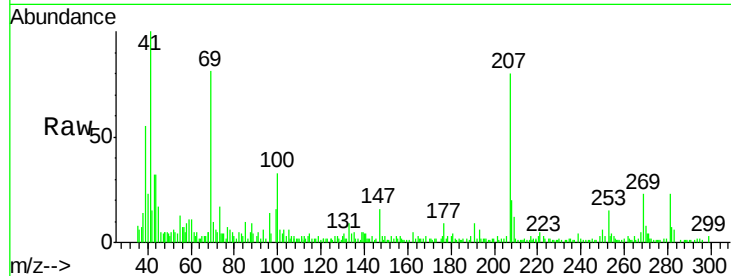
#48
Methvl methacrylate
Concen: 1.003 ug/l
RT: 7.75 min Scan# 1125
Delta R.T. 0.00 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
41	100			
69	73.3	60.5	90.7	
39	54.5	42.1	63.1	

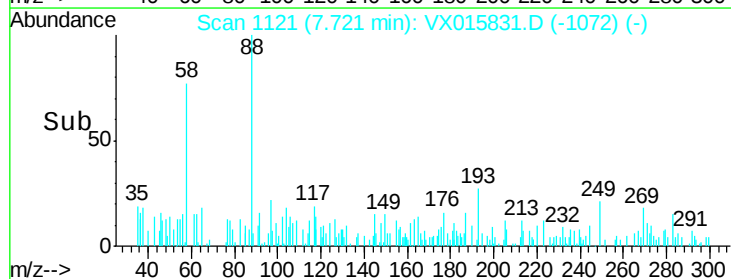
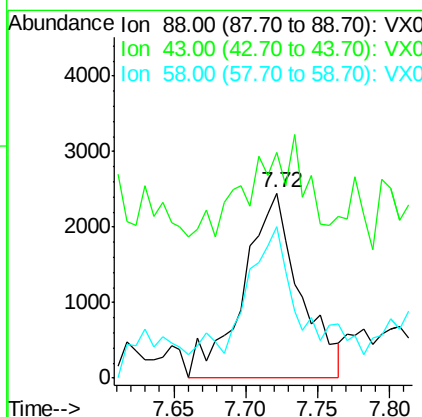
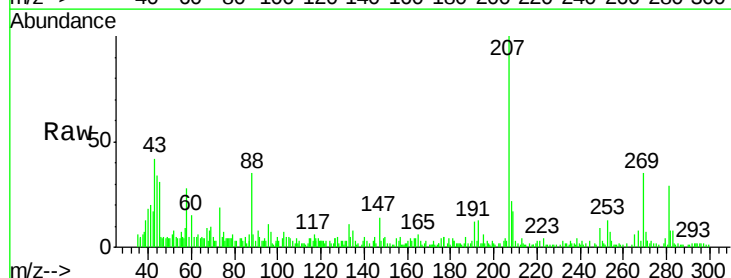
Manual Integrations
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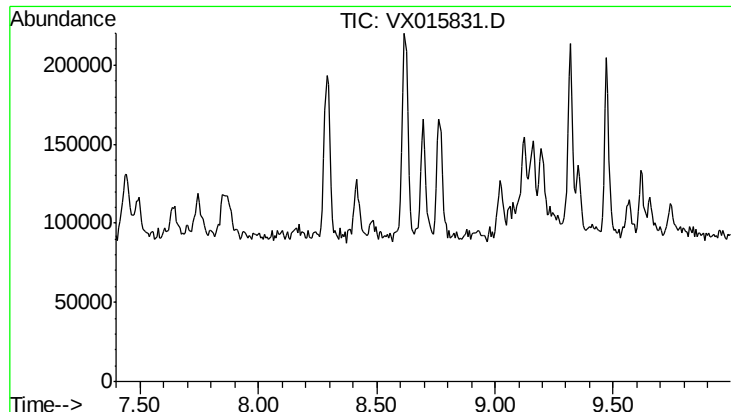
MMDadoda
4/23/2020 11:57:55 AM



#49
1,4-Dioxane
Concen: 25.346 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. 0.00 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

Tgt Ion	Ratio	Resp	Lower	Upper
88	100			
43	35.0	28.2	42.4	
58	48.4	58.9	88.3#	



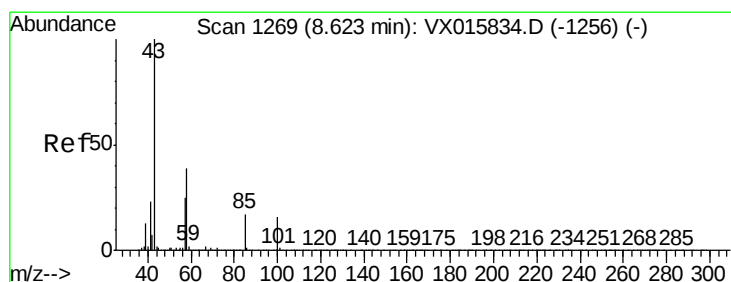
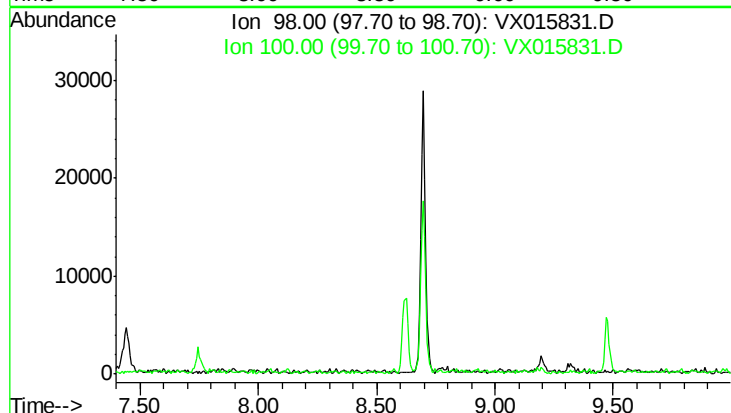


#50
 Toluene-d8
 Concen: 0.000 ug/l
 Expected RT: 8.70 min
 Lab File: VX015831.D
 Acq: 22 Apr 2020 09:59
 Tot Ion: 98
 Sig Exp Ratio
 98 100
 100 67.2

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

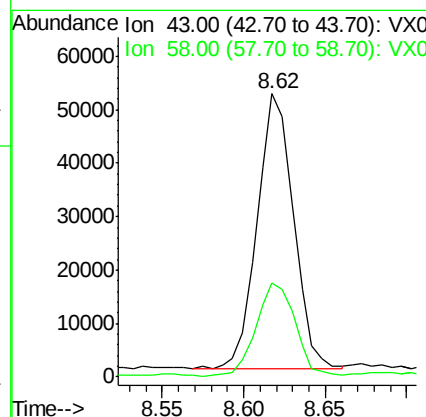
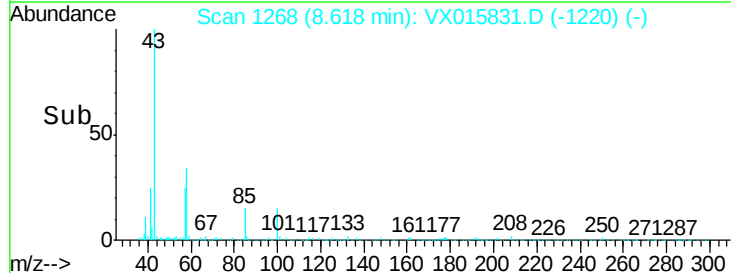
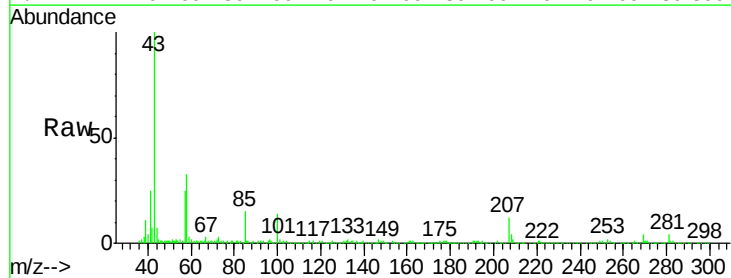
Manual Integrations
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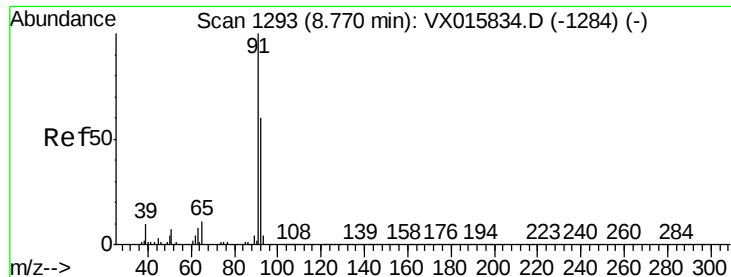
MMDadoda
 4/23/2020 11:57:55 AM



#51
 4-Methyl-2-Pentanone
 Concen: 4.962 ug/l
 RT: 8.62 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX015831.D
 Acq: 22 Apr 2020 09:59

Tgt Ion: 43 Resp: 80130
 Ion Ratio Lower Upper
 43 100
 58 36.3 30.6 45.8





#52

Toluene

Concen: 1.055 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 28604

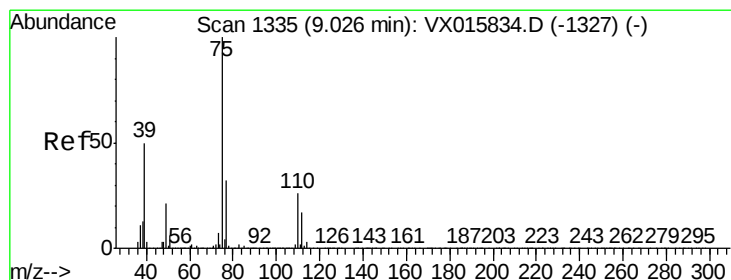
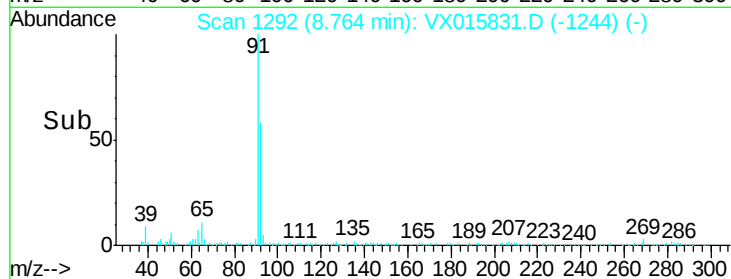
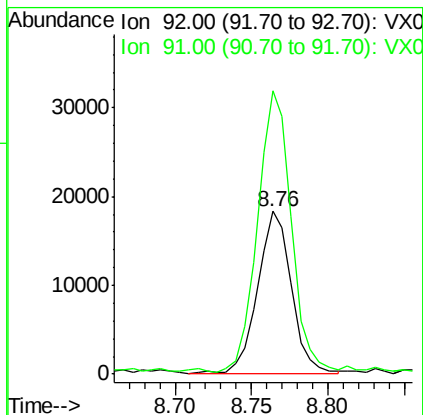
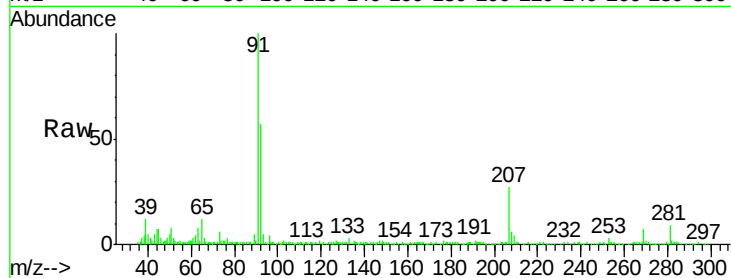
Ion Ratio Lower Upper

92 100

91 169.6 133.4 200.0

Manual Integrations
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MMDadoda
4/23/2020 11:57:55 AM



#53

t-1,3-Dichloropropene

Concen: 1.006 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX015831.D

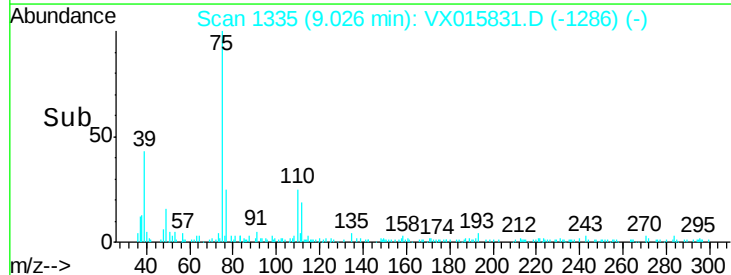
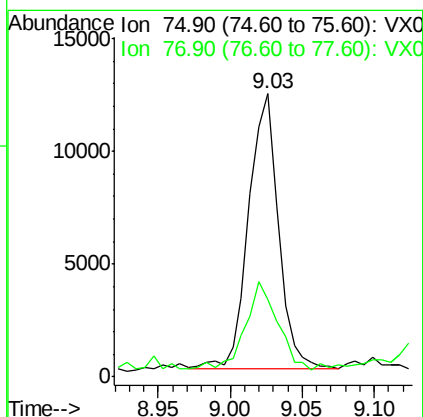
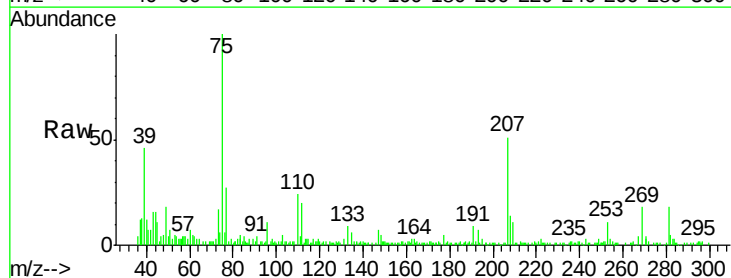
Acq: 22 Apr 2020 09:59

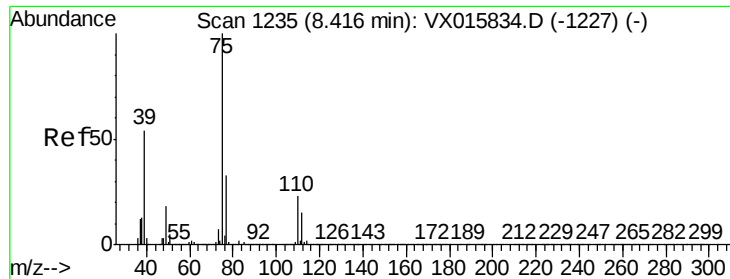
Tgt Ion: 75 Resp: 17518

Ion Ratio Lower Upper

75 100

77 24.9 25.9 38.9#





#54

cis-1,3-Dichloropropene

Concen: 1.030 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

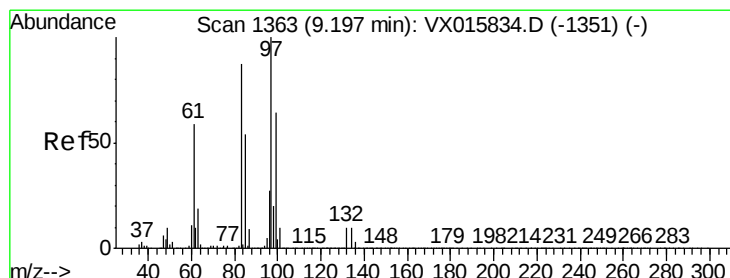
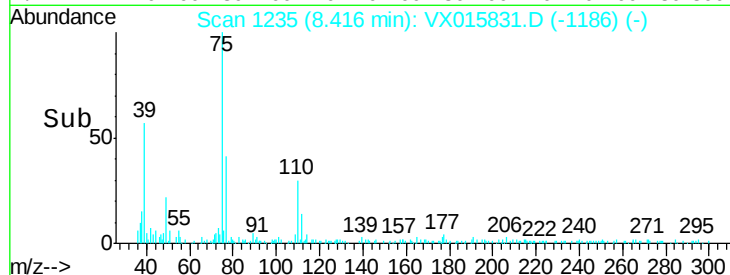
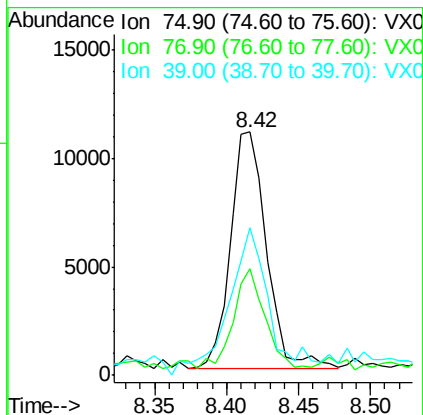
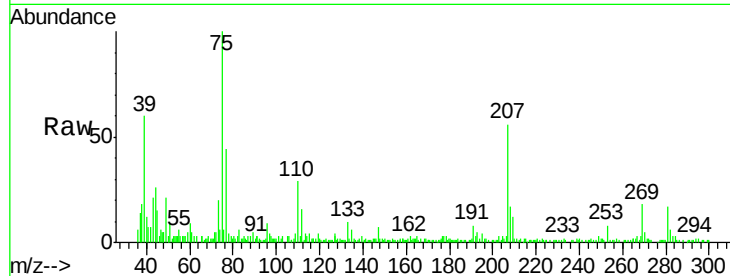
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	19123
Ion Ratio	Lower	Upper	
75	100		
77	40.1	26.0	39.0#
39	57.2	42.8	64.2

Manual Integrations
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#55

1,1,2-Trichloroethane

Concen: 0.958 ug/l

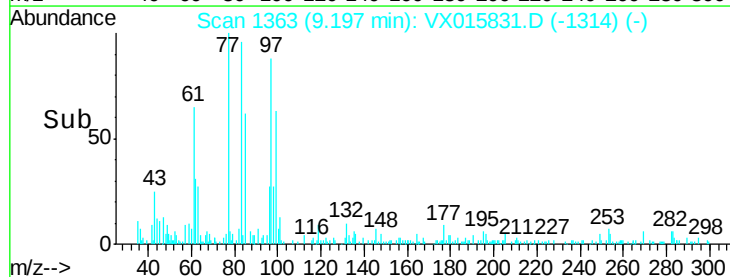
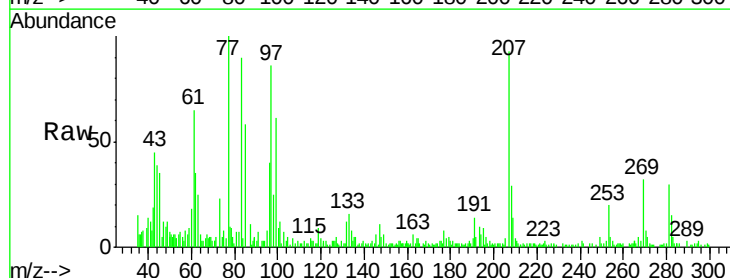
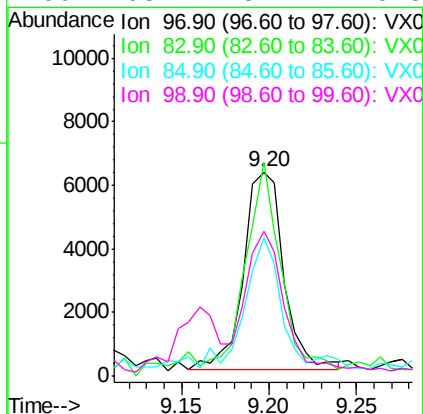
RT: 9.20 min Scan# 1363

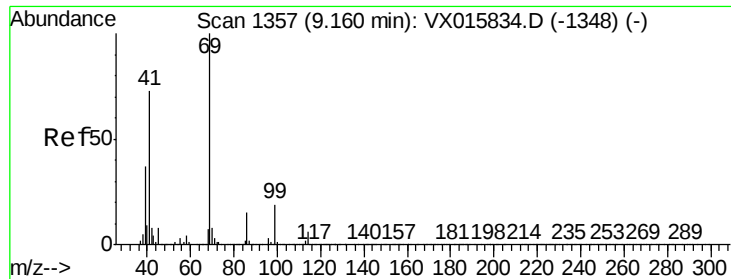
Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Tgt Ion:	97	Resp:	10013
Ion Ratio	Lower	Upper	
97	100		
83	100.6	69.8	104.8
85	61.4	43.4	65.2
99	63.4	51.2	76.8





#56

Ethyl methacrylate

Concen: 1.012 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

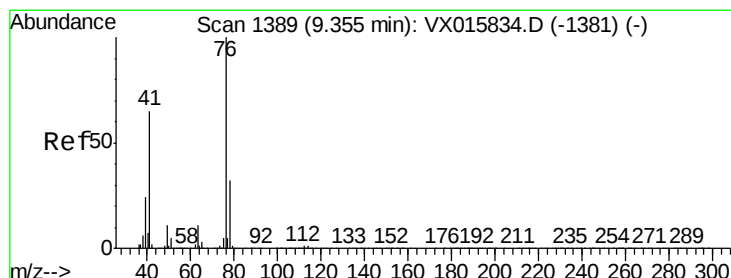
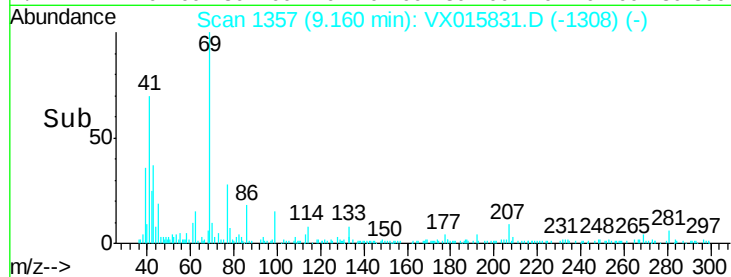
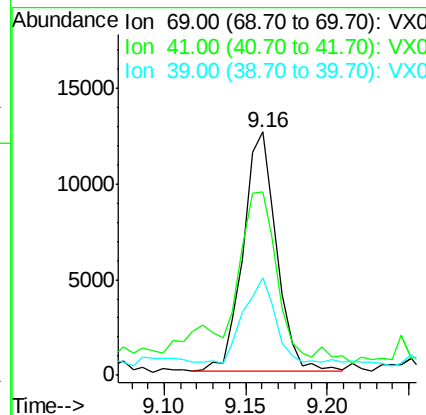
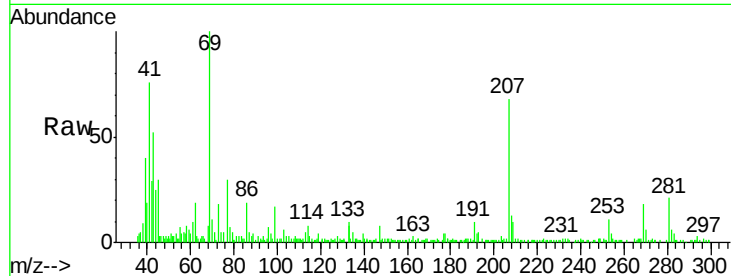
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	17735
Ion Ratio	Lower	Upper	
69	100		
41	76.0	57.4	86.2
39	33.0	29.7	44.5

Manual Integrations
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#57

1,3-Dichloropropane

Concen: 1.034 ug/l

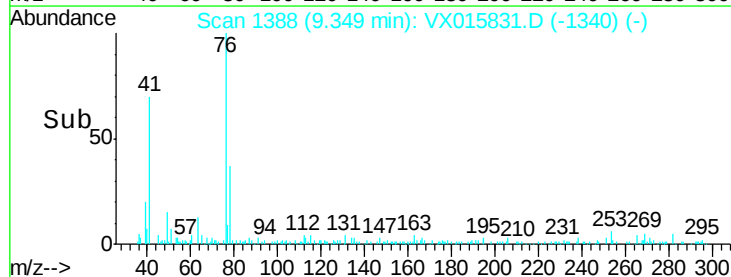
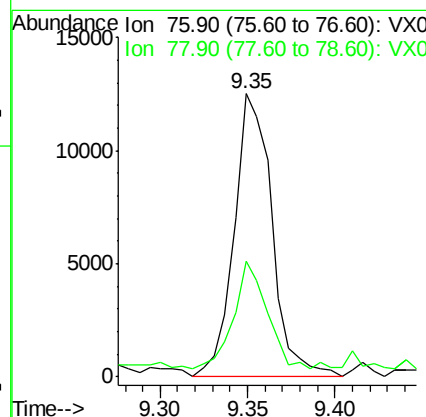
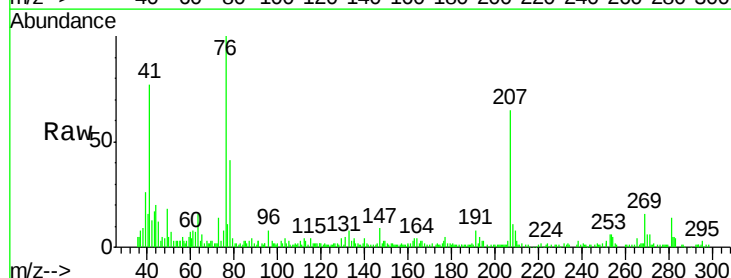
RT: 9.35 min Scan# 1388

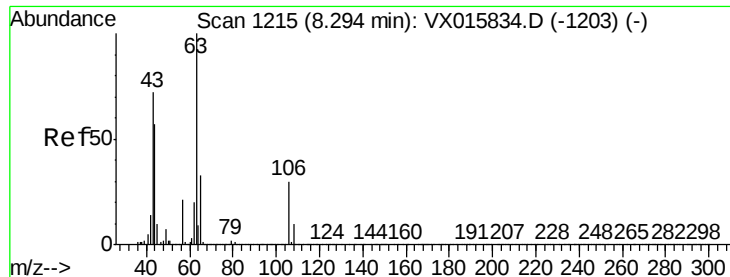
Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Tgt Ion:	76	Resp:	18820
Ion Ratio	Lower	Upper	
76	100		
78	33.5	25.4	38.2





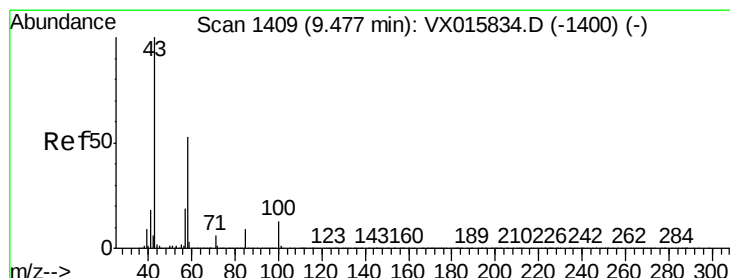
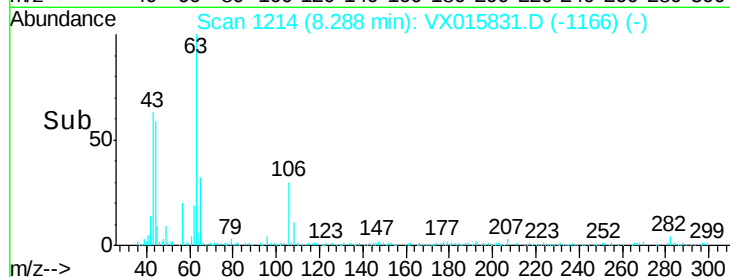
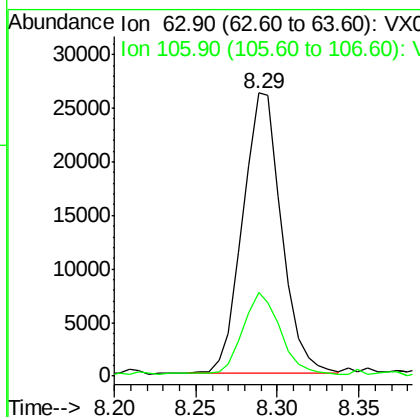
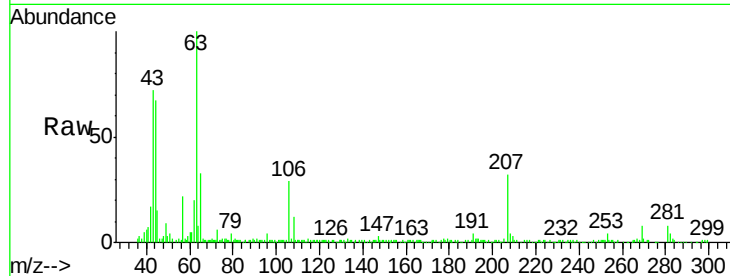
#58
2-Chloroethyl Vinyl ether
Concen: 4.917 ug/l
RT: 8.29 min Scan# 1214
Delta R.T. -0.01 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	63	Resp	43489
Ion	Ratio	Lower	Upper
63	100		
106	28.9	23.8	35.8

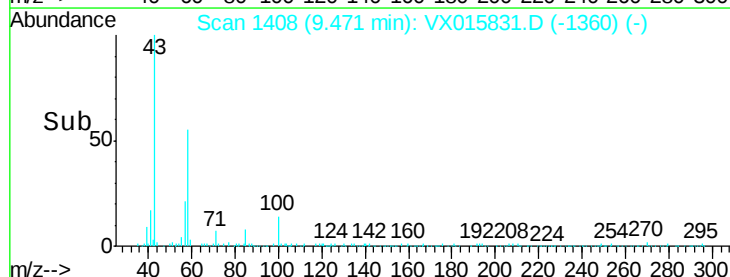
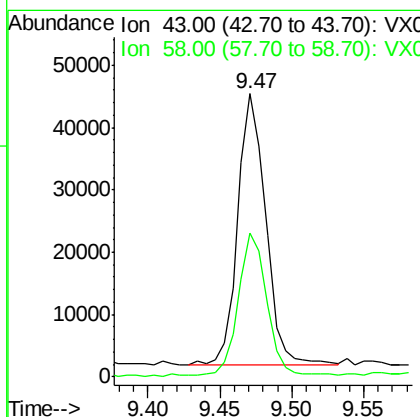
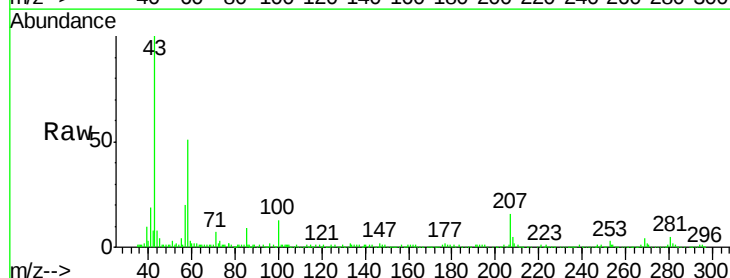
Manual Integrations
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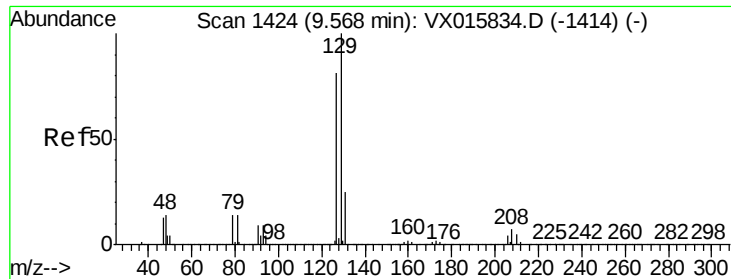
MMDadoda
4/23/2020 11:57:55 AM



#59
2-Hexanone
Concen: 4.807 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

Tgt Ion	43	Resp	58551
Ion	Ratio	Lower	Upper
43	100		
58	52.7	26.5	79.4





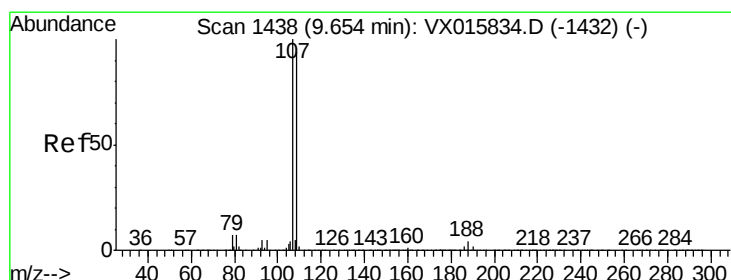
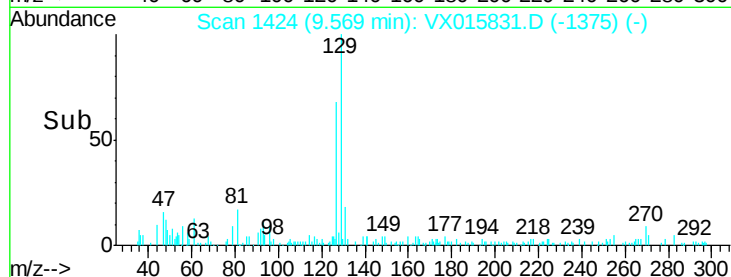
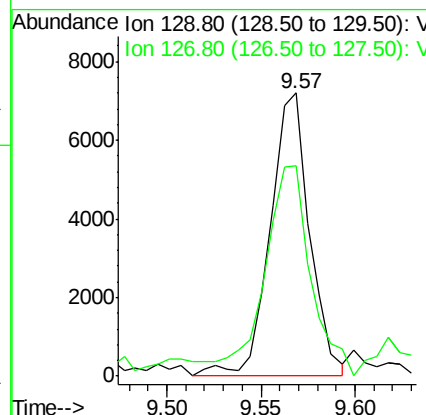
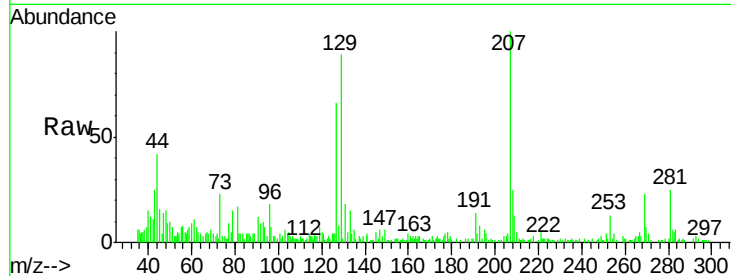
#60
Dibromochloromethane
Concen: 1.024 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		10469		
127	86.0	40.0	120.0		

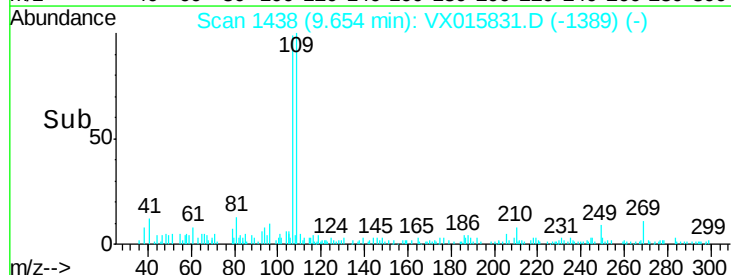
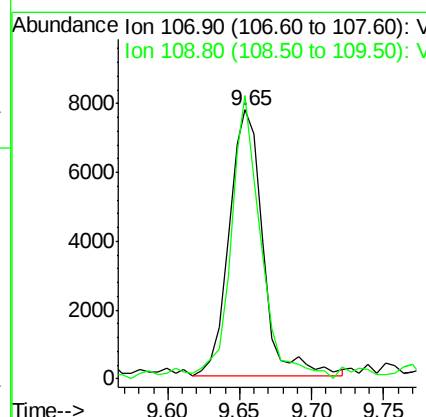
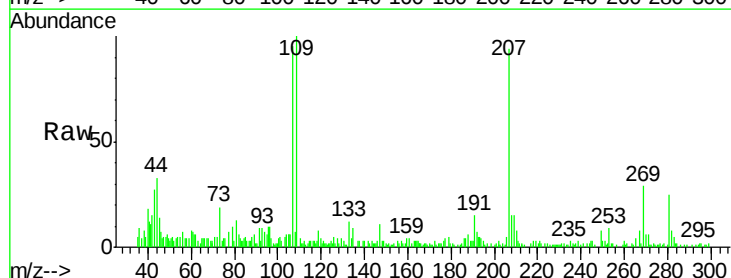
Manual Integrations
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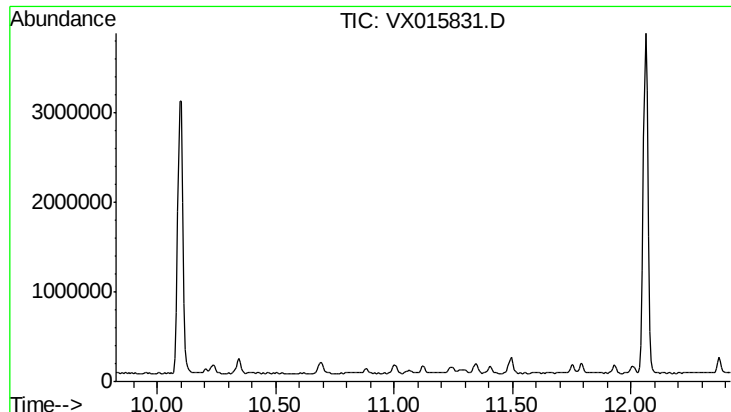
MMDadoda
4/23/2020 11:57:55 AM



#61
1,2-Dibromoethane
Concen: 1.090 ug/l
RT: 9.65 min Scan# 1438
Delta R.T. 0.00 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		12723		
109	93.9	75.4	113.0		





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 11.12 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Tot Ion: 95

Sig Exp Ratio

95 100

174 86.2

176 83.5

Instrument :

MSVOA_X

ClientSampleId :

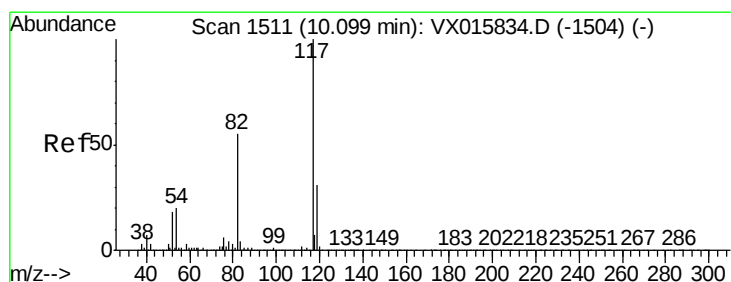
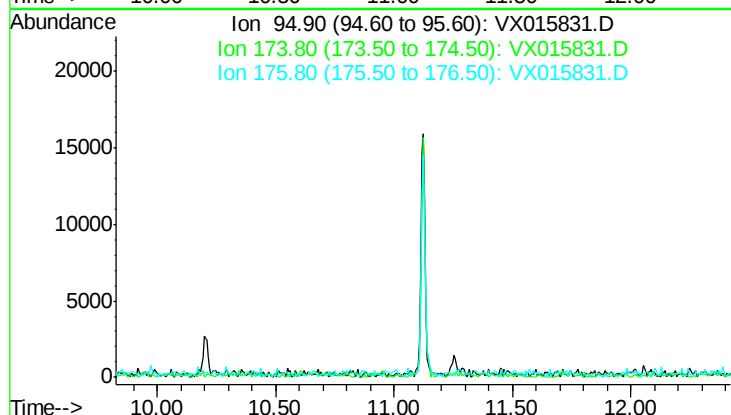
VSTDIC001

Manual Integrations

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4/23/2020 11:57:55 AM



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

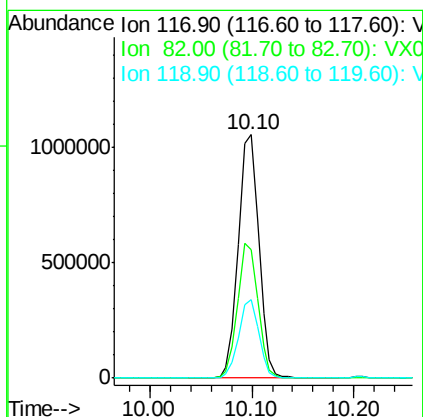
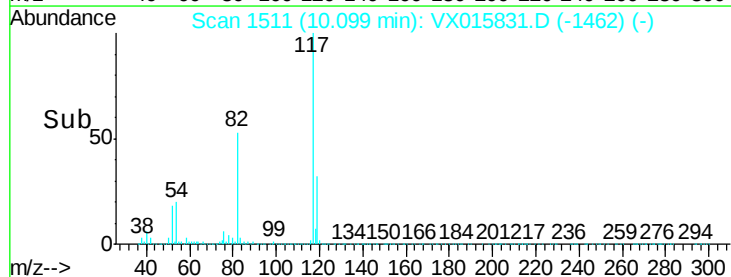
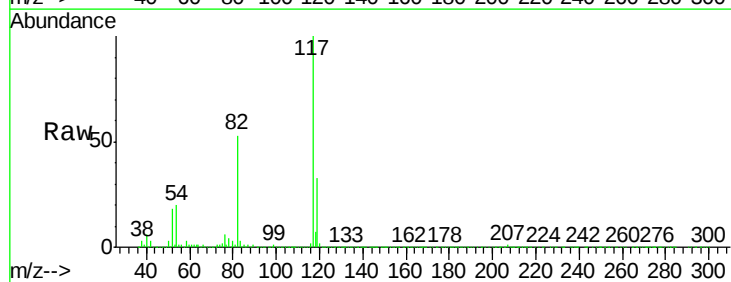
Tgt Ion:117 Resp: 1467589

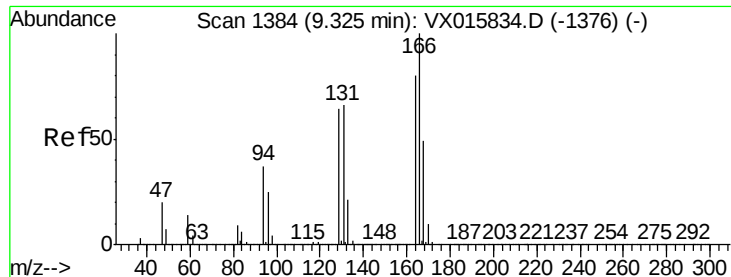
Ion Ratio Lower Upper

117 100

82 52.5 43.9 65.9

119 32.5 25.1 37.7





#64

Tetrachloroethene

Concen: 1.096 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion:164 Resp: 22539

Ion Ratio Lower Upper

164 100

166 128.2 100.2 150.2

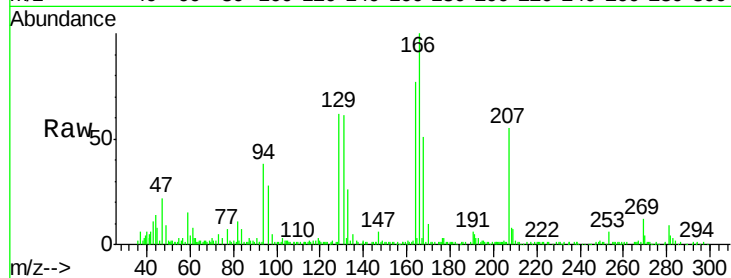
129 78.3 64.5 96.7

131 78.3 65.9 98.9

Manual Integrations
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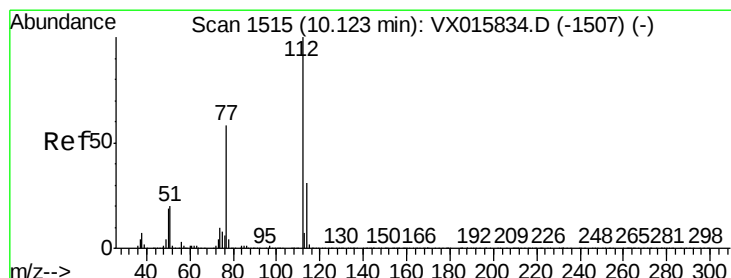
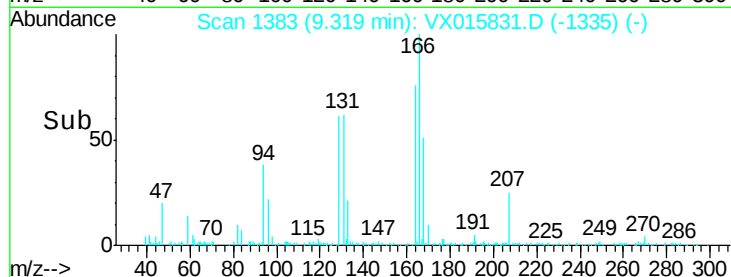
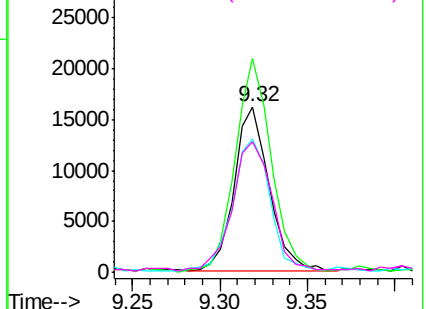


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 1.048 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015831.D

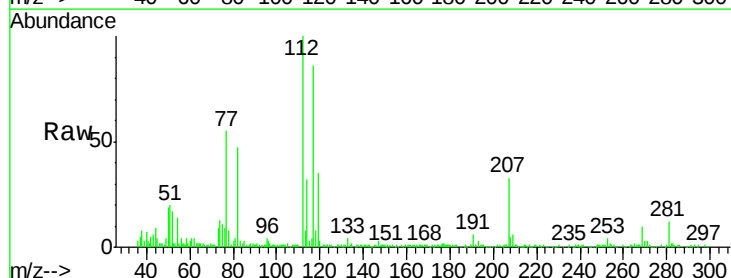
Acq: 22 Apr 2020 09:59

Tgt Ion:112 Resp: 31054

Ion Ratio Lower Upper

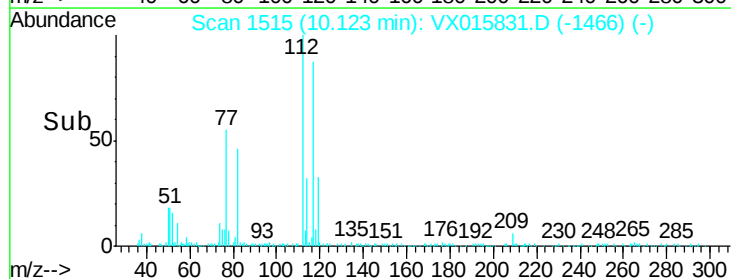
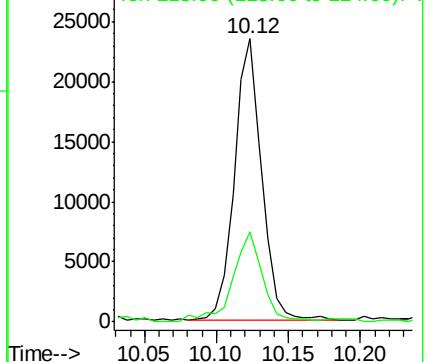
112 100

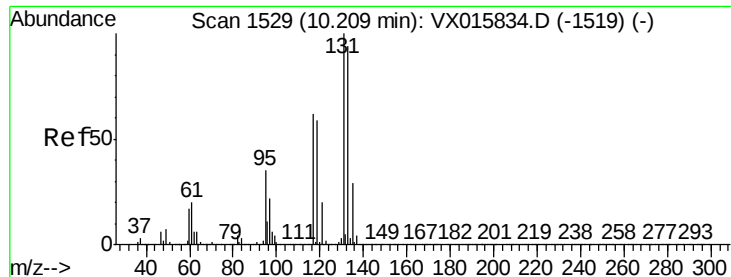
114 31.0 25.0 37.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 1.042 ug/l

RT: 10.20 min Scan# 1528

Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

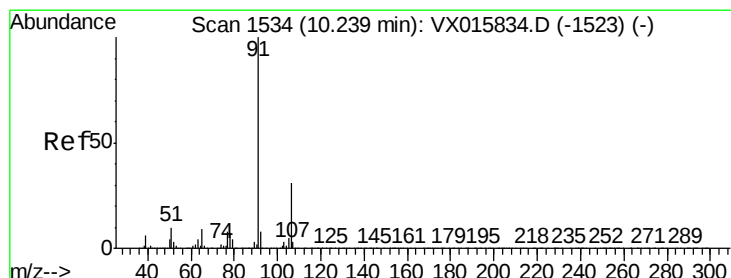
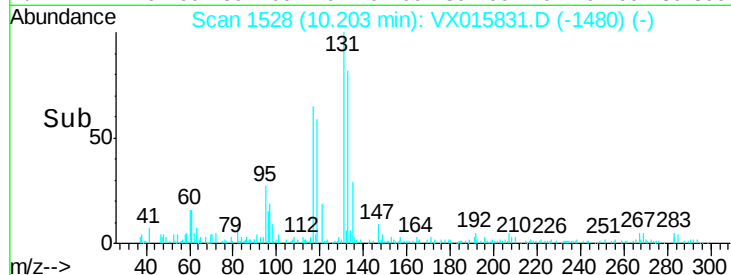
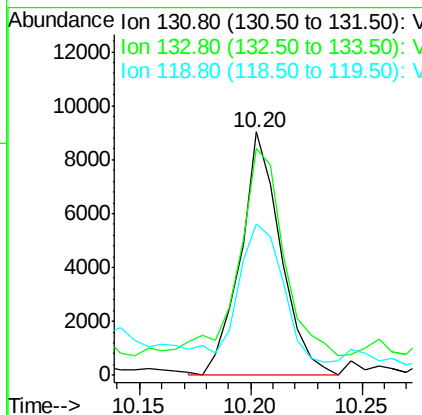
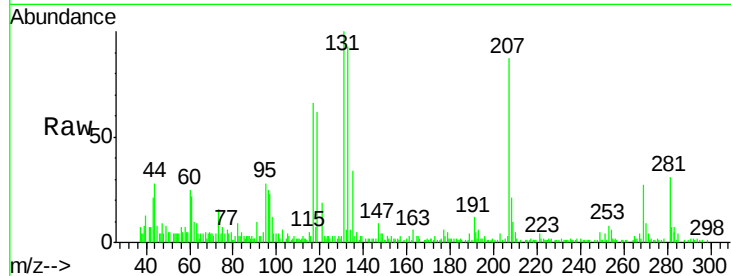
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	96.8	47.0	141.2
119	0.0	30.9	92.8#

Manual Integrations
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MMDadoda
4/23/2020 11:57:55 AM



#67

Ethyl Benzene

Concen: 1.041 ug/l

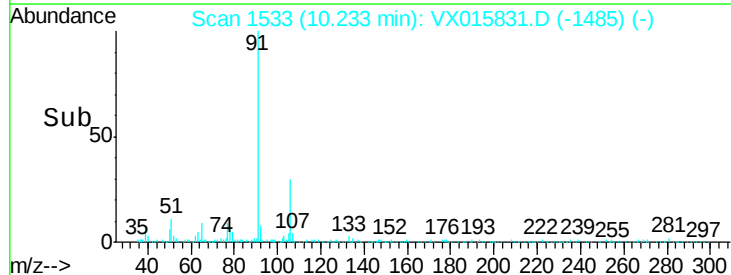
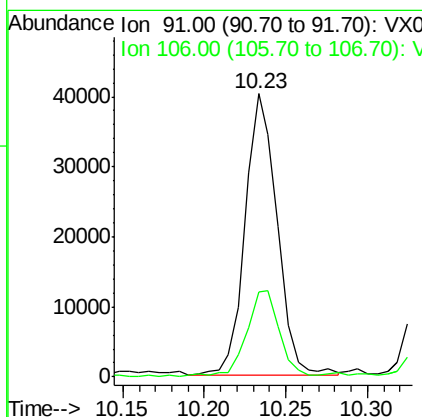
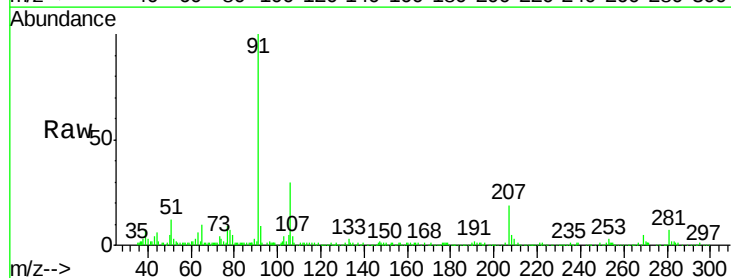
RT: 10.23 min Scan# 1533

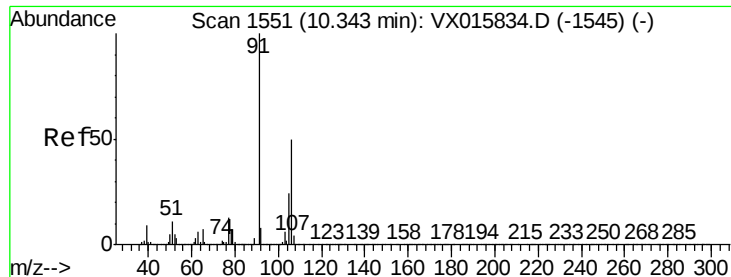
Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.1	25.0	37.4





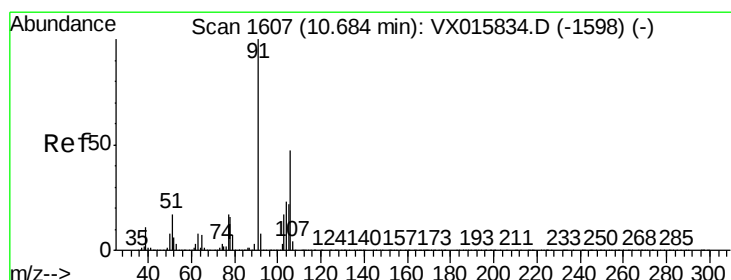
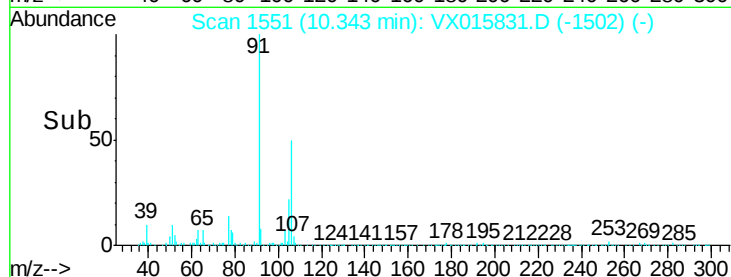
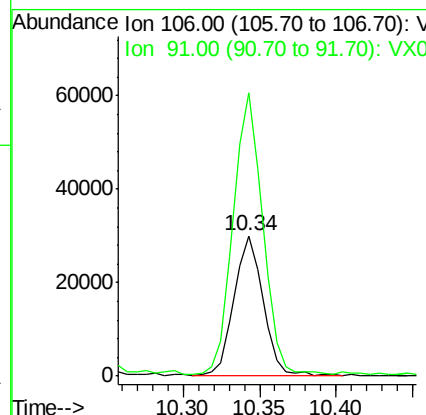
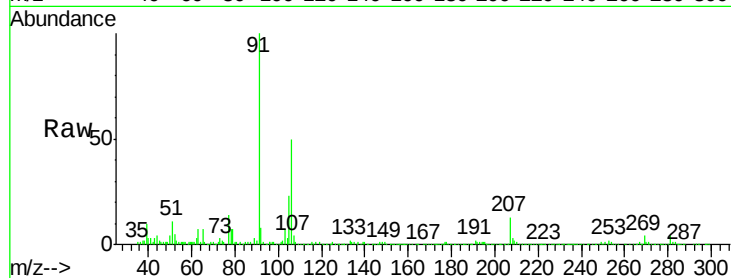
#68
m/p-Xylenes
Concen: 2.043 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
106	100		
91	201.1	161.1	241.7

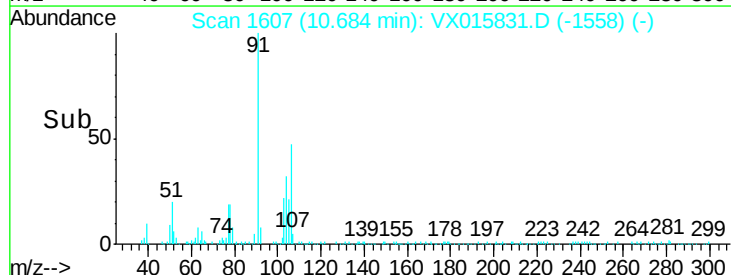
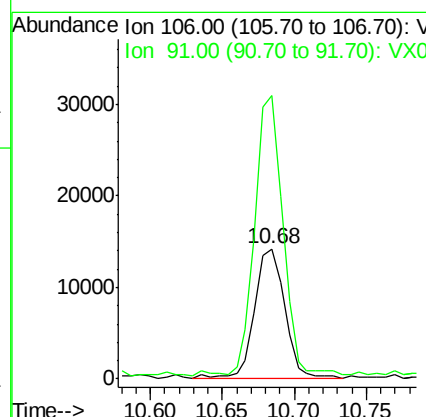
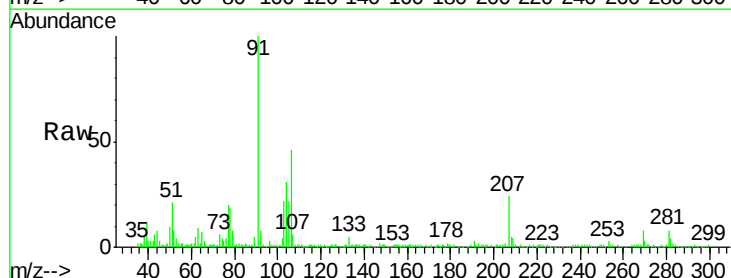
Manual Integrations
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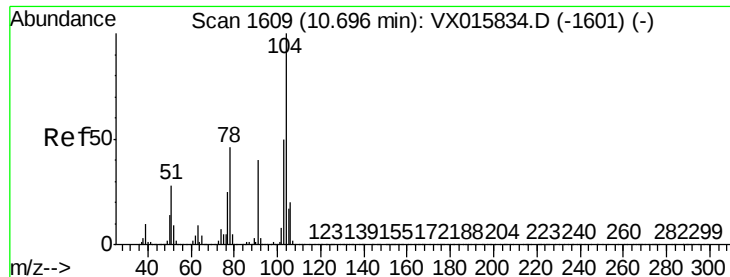
MMDadoda
4/23/2020 11:57:55 AM



#69
o-Xylene
Concen: 1.084 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

Tgt Ion	Ratio	Lower	Upper
106	100		
91	193.8	107.1	321.3





#70

Stvrene

Concen: 0.991 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

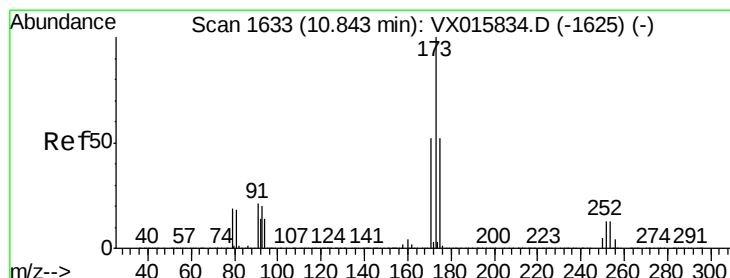
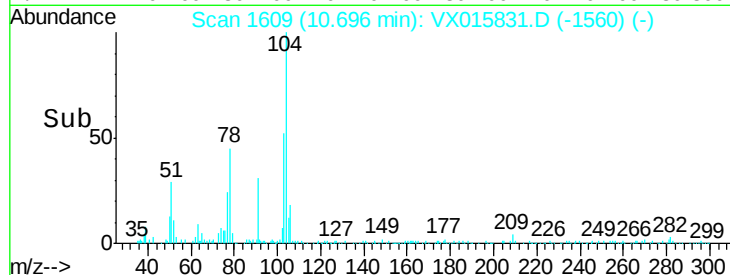
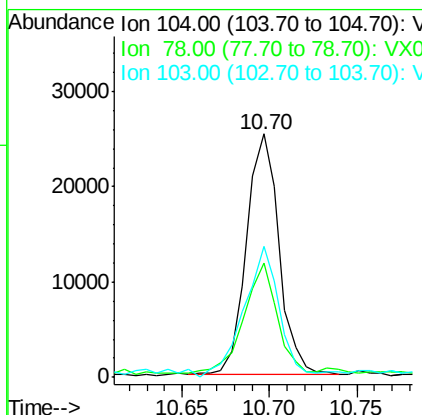
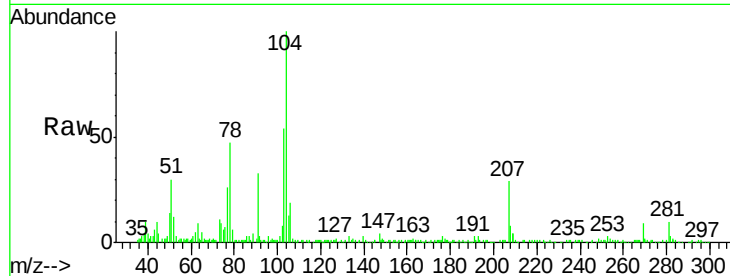
ClientSampleId :

VSTDIC001

Tot Ion:	104	Resp:	32750
Ion Ratio	Lower	Upper	
104	100		
78	47.3	40.1	60.1
103	58.9	43.3	64.9

Manual Integrations
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4/23/2020 11:57:55 AM



#71

Bromoform

Concen: 0.859 ug/l

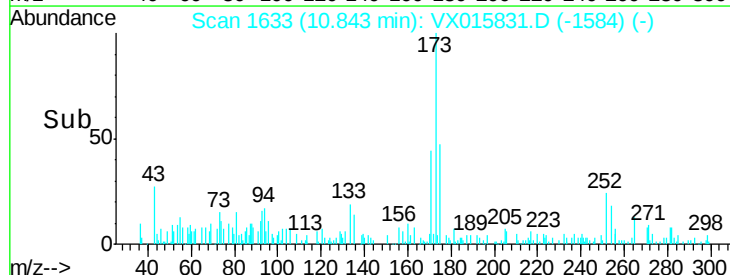
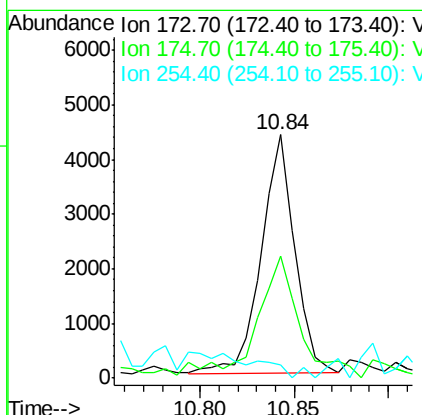
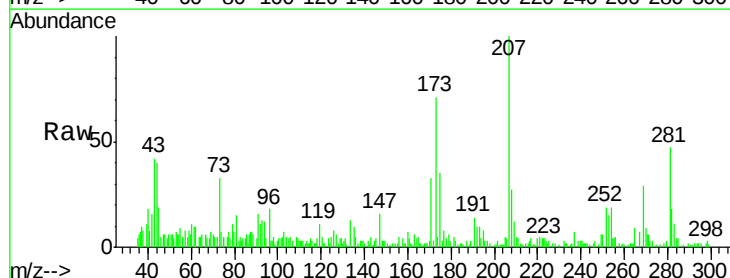
RT: 10.84 min Scan# 1633

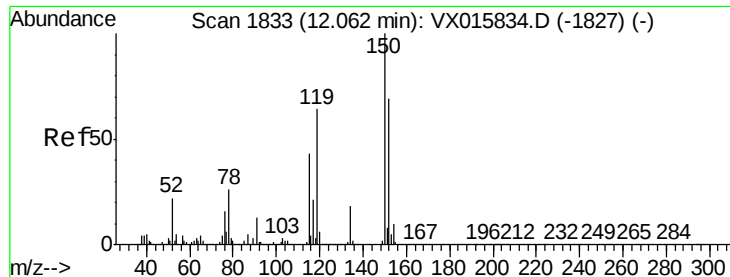
Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Tgt Ion:	173	Resp:	5374
Ion Ratio	Lower	Upper	
173	100		
175	68.4	25.1	75.4
254	0.0	0.3	0.5#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

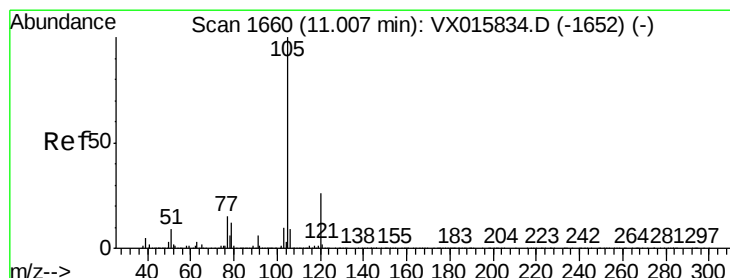
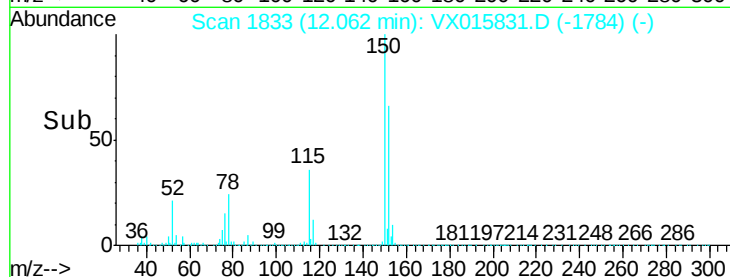
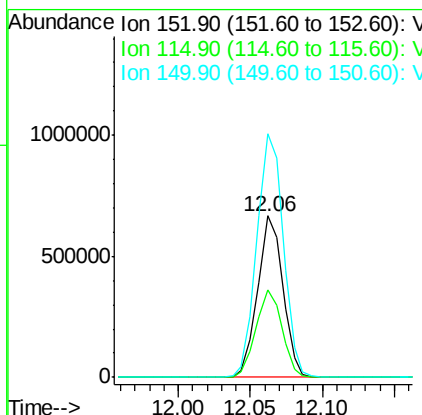
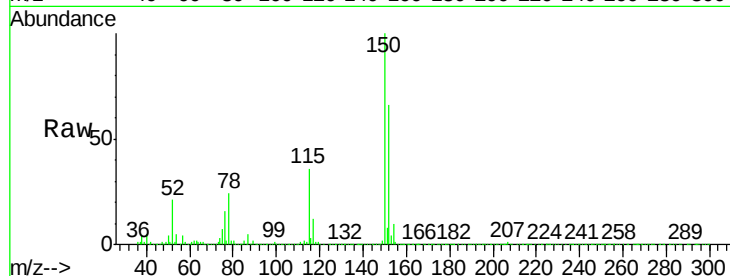
ClientSampleId :

VSTDIC001

Tot Ion:	152	Resp:	806853
Ion Ratio	Lower	Upper	
152	100		
115	55.9	39.0	116.9
150	157.5	0.0	336.8

Manual Integrations
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#73

Isopropylbenzene

Concen: 0.985 ug/l

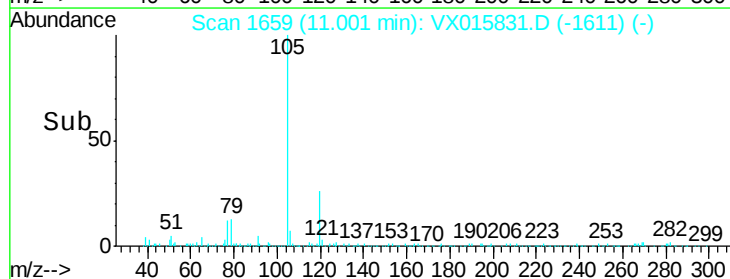
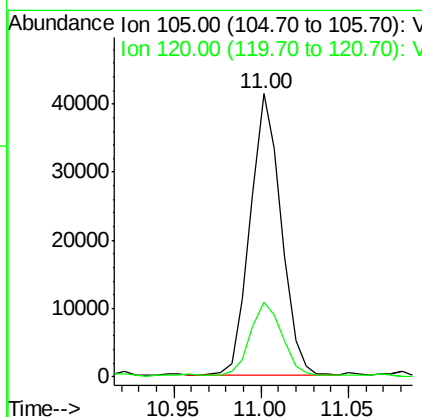
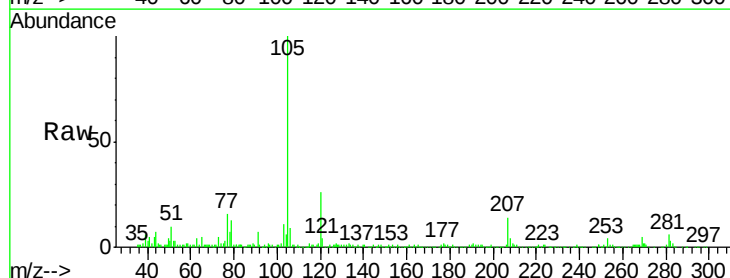
RT: 11.00 min Scan# 1659

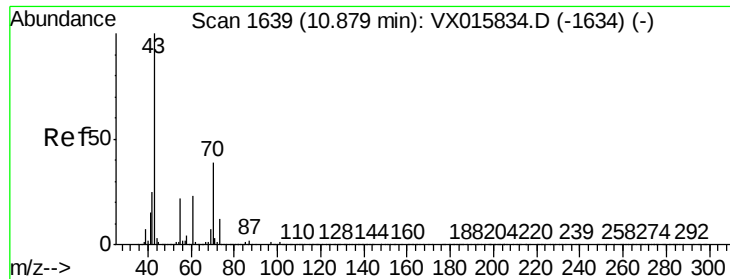
Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Tgt Ion:	105	Resp:	50829
Ion Ratio	Lower	Upper	
105	100		
120	27.1	13.1	39.1





#74

N-amvl acetate

Concen: 1.053 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

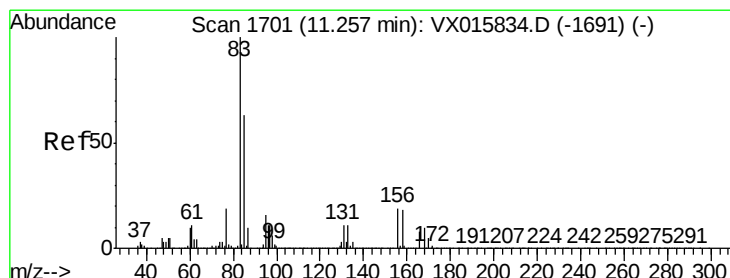
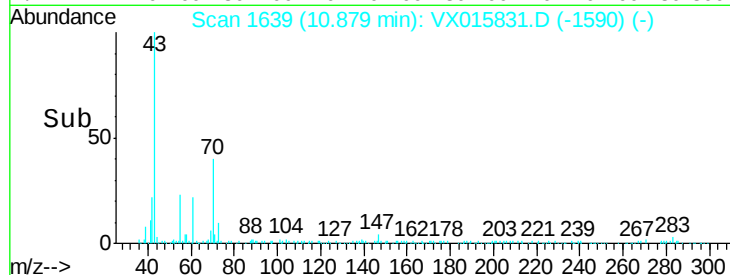
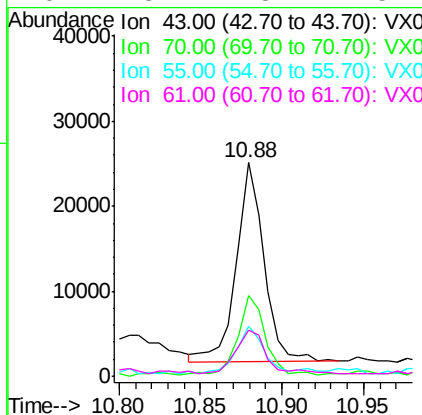
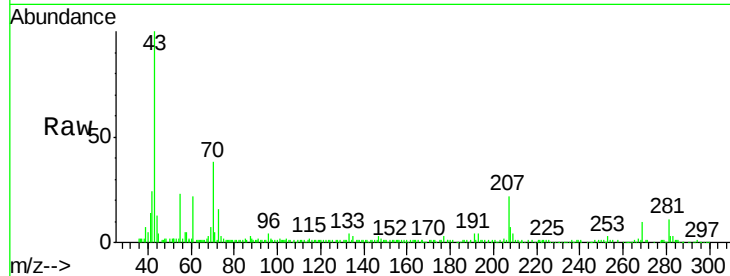
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
43	100		
70	39.7	32.6	49.0
55	23.5	18.3	27.5
61	25.7	18.7	28.1

Manual Integrations
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#75

1,1,2,2-Tetrachloroethane

Concen: 0.952 ug/l

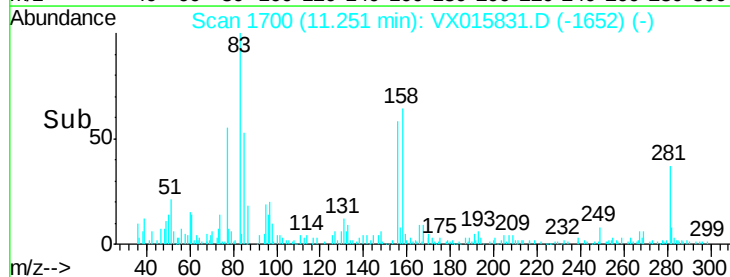
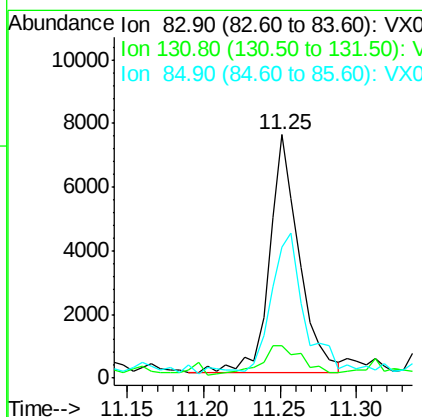
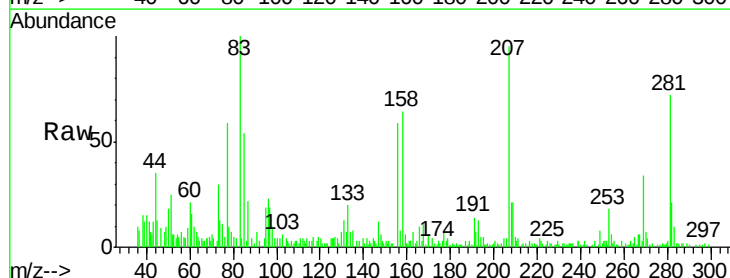
RT: 11.25 min Scan# 1700

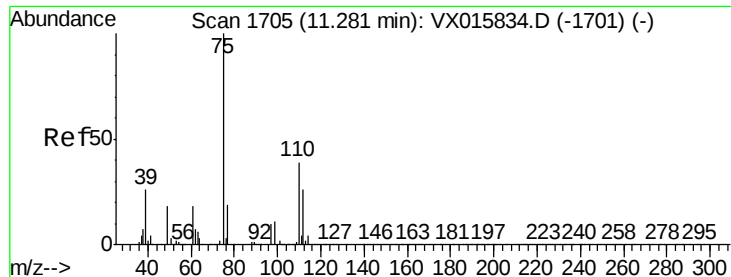
Delta R.T. -0.01 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Tgt Ion	Ratio	Lower	Upper
83	100		
131	18.7	5.5	16.4#
85	68.5	32.4	97.0





#76

1,2,3-Trichloropropane

Concen: 0.840 ug/l m

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 75 Resp: 15638

Ion Ratio Lower Upper

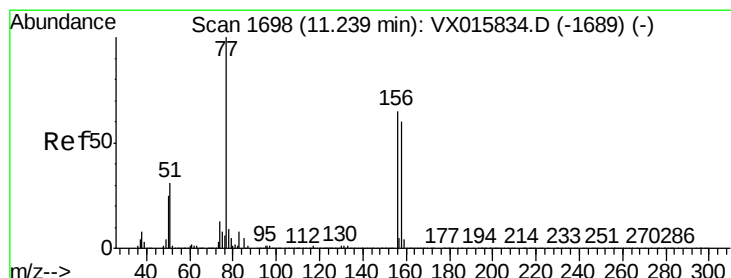
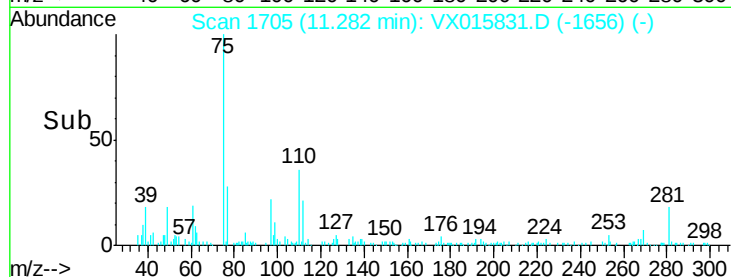
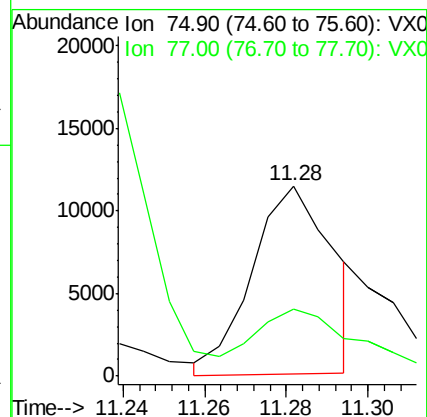
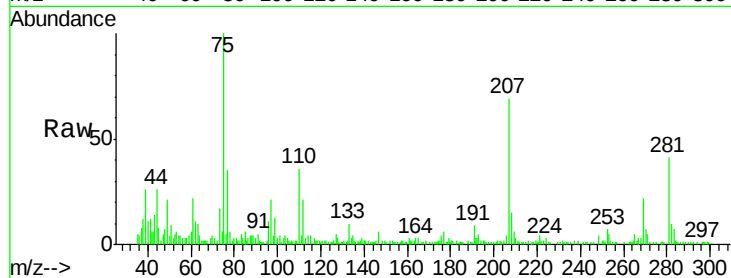
75 100

77 42.0 21.3 63.9

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#77

Bromobenzene

Concen: 0.999 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

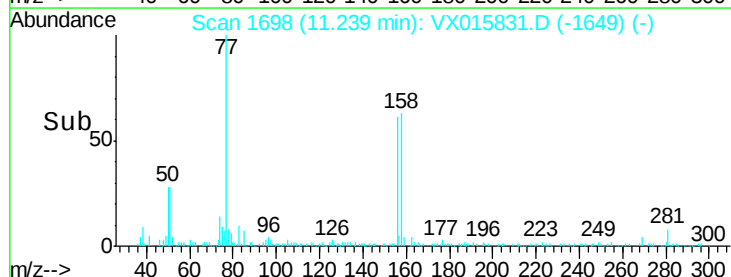
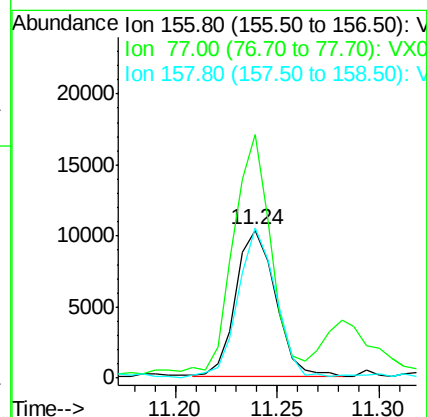
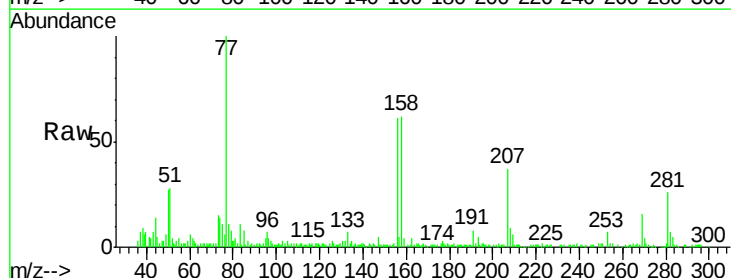
Tgt Ion: 156 Resp: 13968

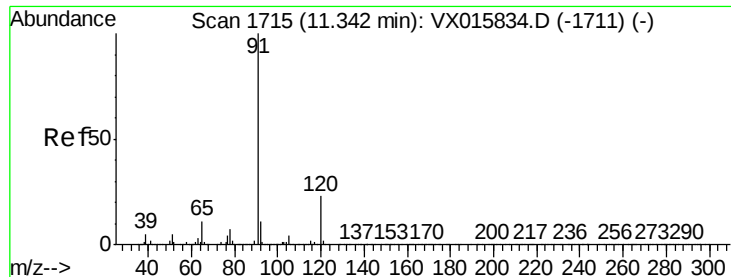
Ion Ratio Lower Upper

156 100

77 155.5 75.2 225.6

158 99.6 47.9 143.6





#78

n-propylbenzene

Concen: 1.017 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 60152

Ion Ratio Lower Upper

91 100

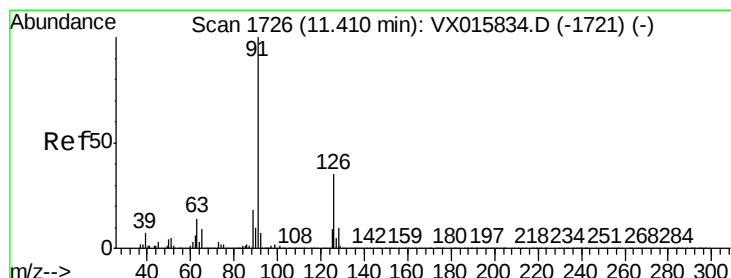
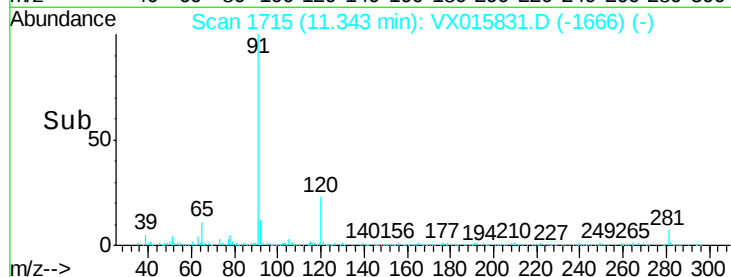
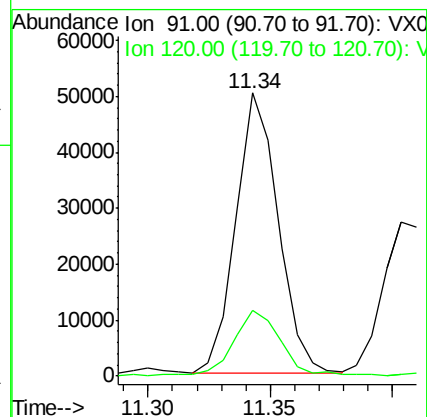
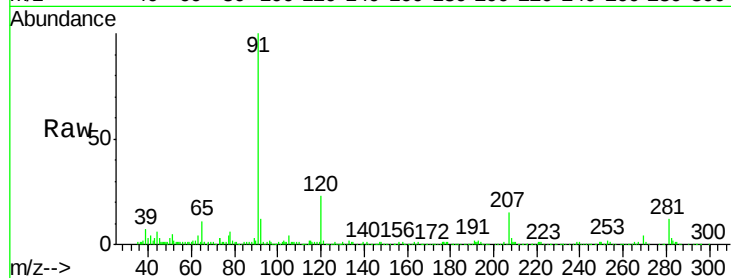
120 26.9 11.7 35.1

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#79

2-Chlorotoluene

Concen: 1.019 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015831.D

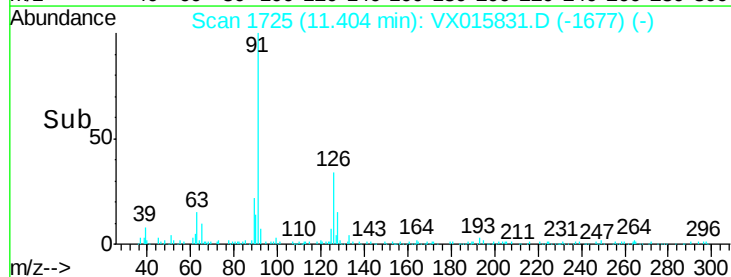
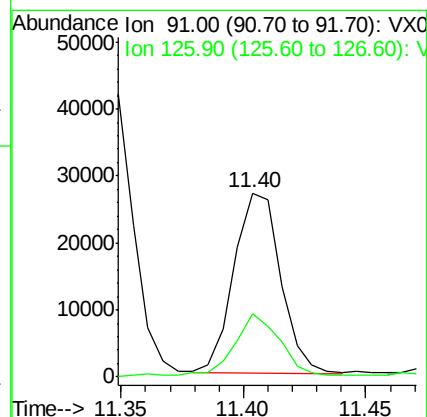
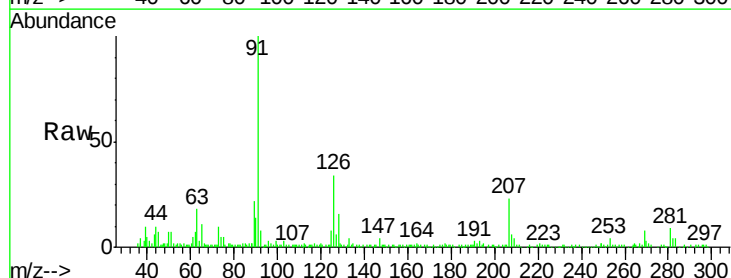
Acq: 22 Apr 2020 09:59

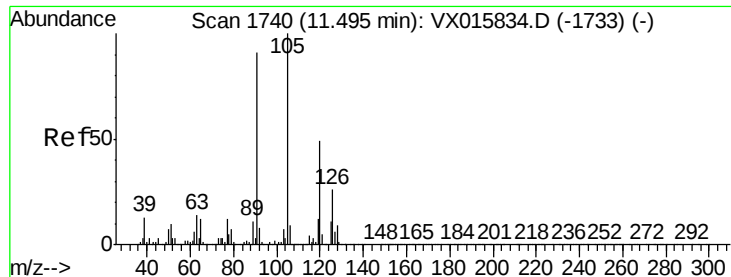
Tgt Ion: 91 Resp: 35879

Ion Ratio Lower Upper

91 100

126 35.4 17.2 51.5





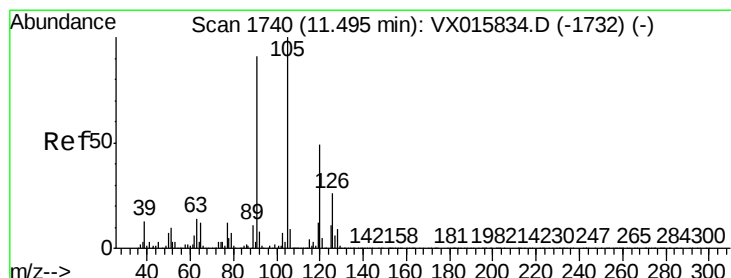
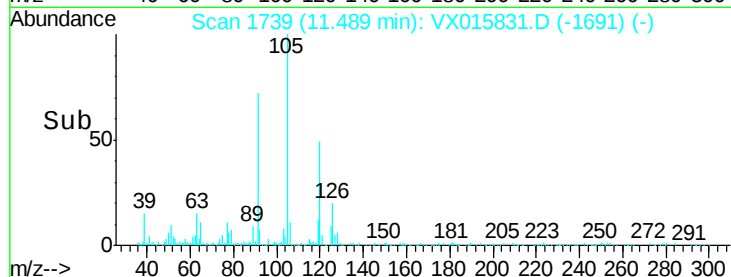
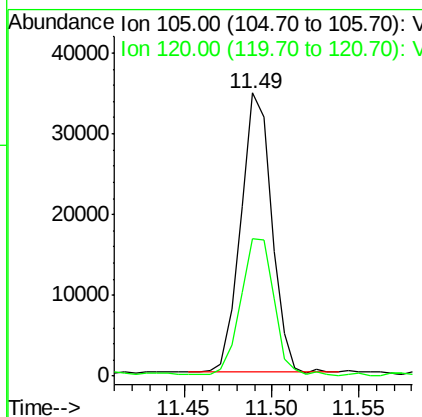
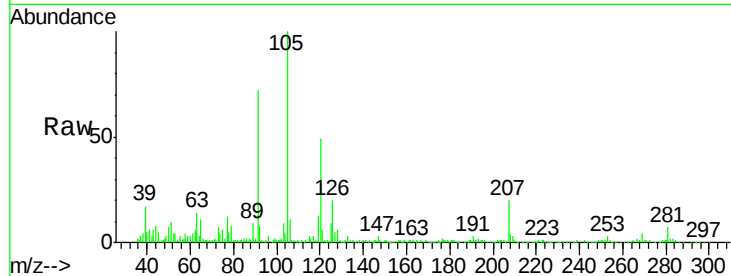
#80
 1,3,5-Trimethylbenzene
 Concen: 0.980 ug/l
 RT: 11.49 min Scan# 1739
 Delta R.T. -0.01 min
 Lab File: VX015831.D
 Acq: 22 Apr 2020 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
120	52.8	24.9	74.7

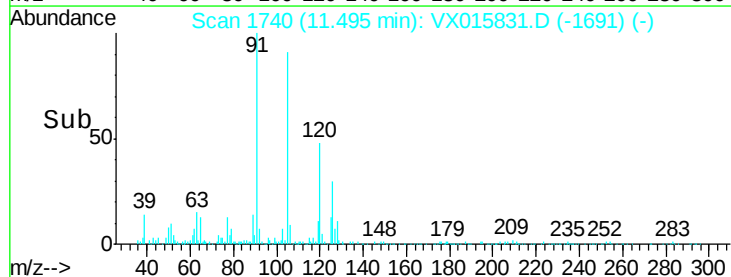
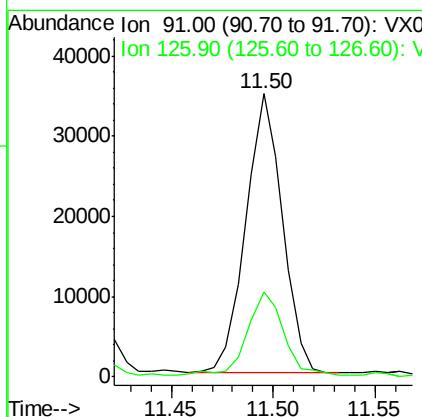
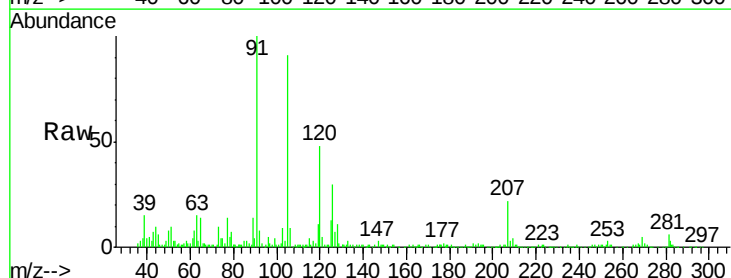
Manual Integrations
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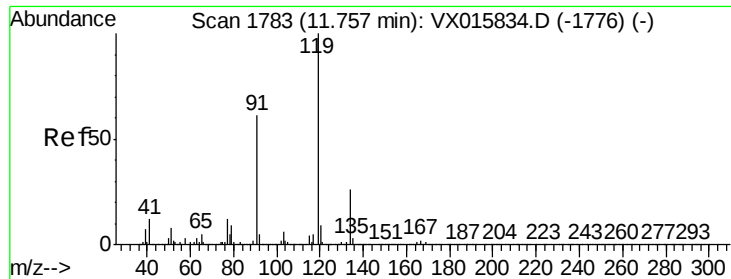
MMDadoda
 4/23/2020 11:57:55 AM



#82
 4-Chlorotoluene
 Concen: 1.033 ug/l
 RT: 11.50 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: VX015831.D
 Acq: 22 Apr 2020 09:59

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.8	15.0	45.0





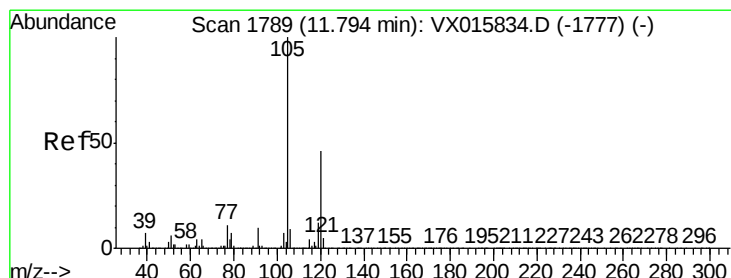
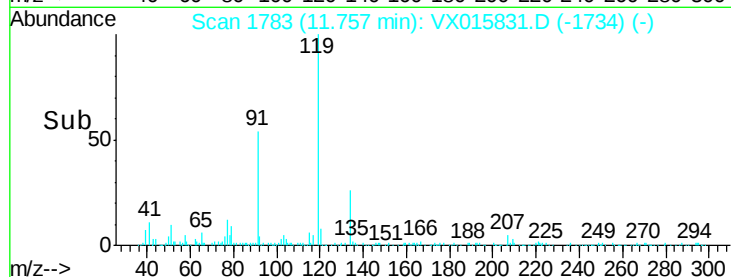
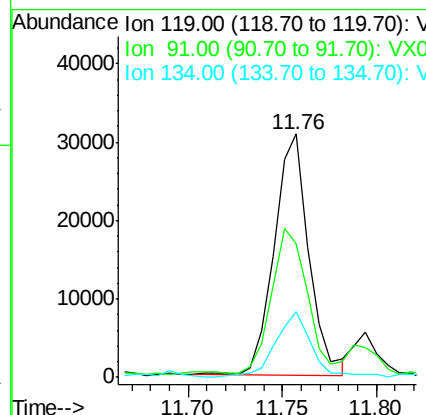
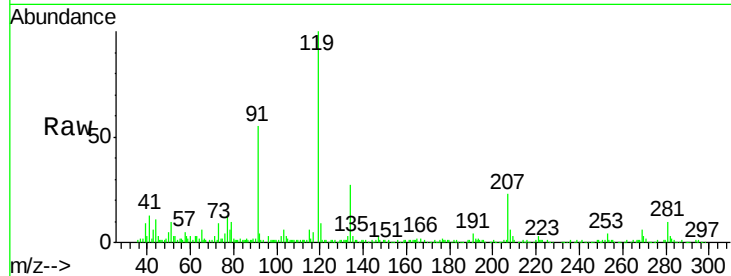
#83
tert-Butylbenzene
Concen: 1.011 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	60.7	30.9	92.7
134	28.3	12.4	37.2

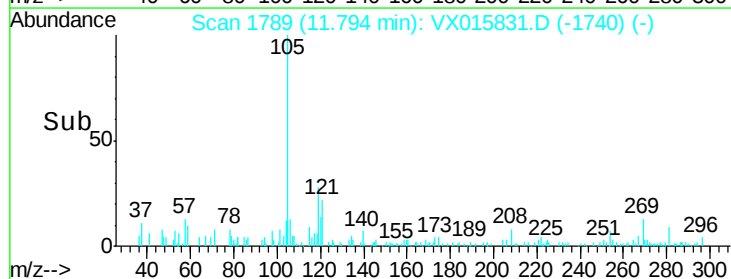
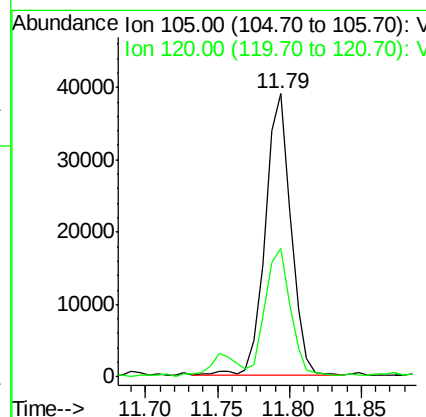
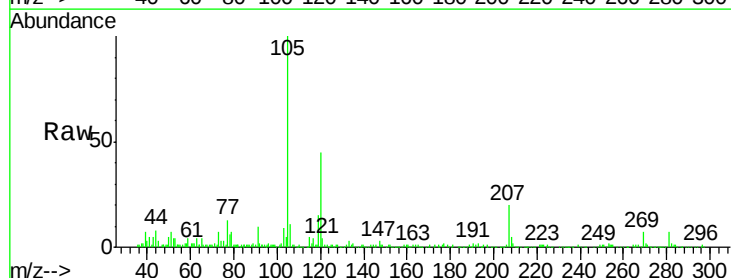
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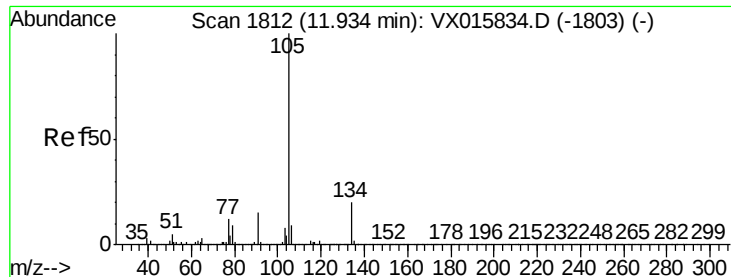
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#84
1,2,4-Trimethylbenzene
Concen: 1.047 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.6	22.9	68.7





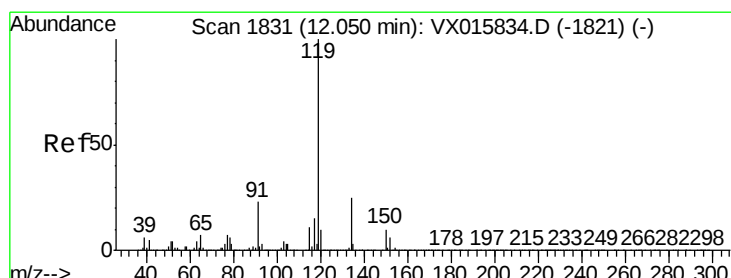
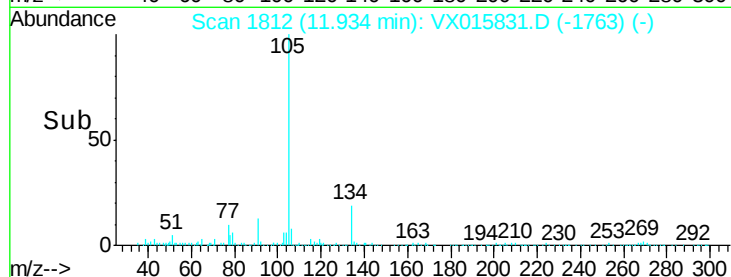
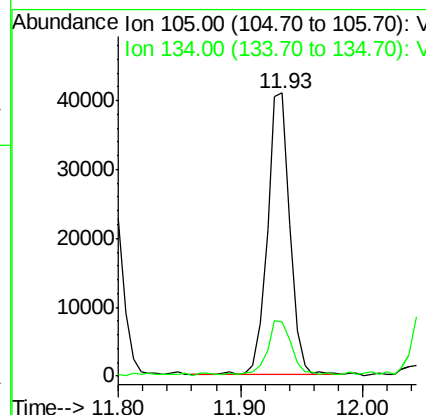
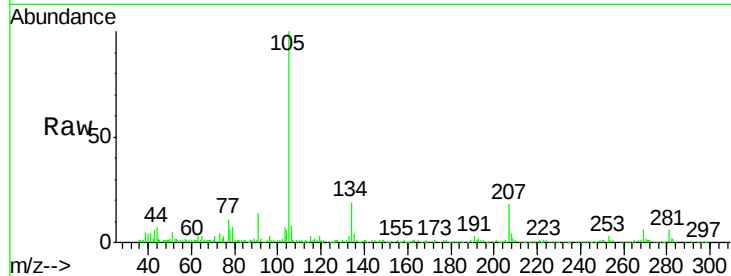
#85
 sec-Butylbenzene
 Concen: 1.019 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VX015831.D
 Acq: 22 Apr 2020 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.2	10.3	30.8

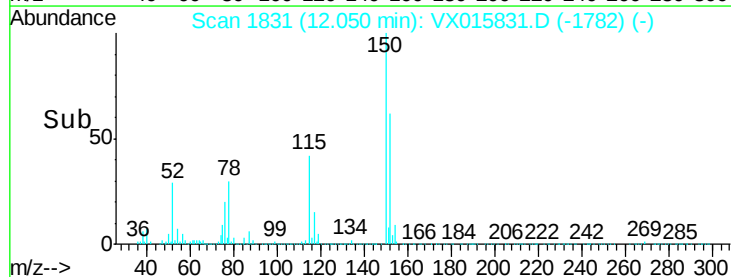
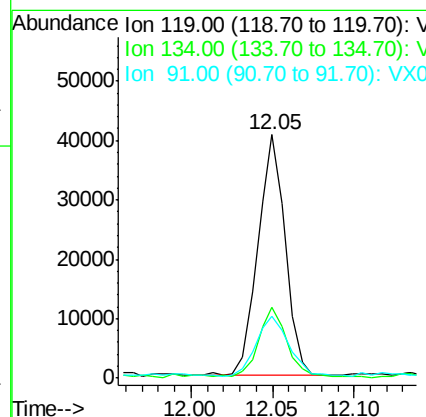
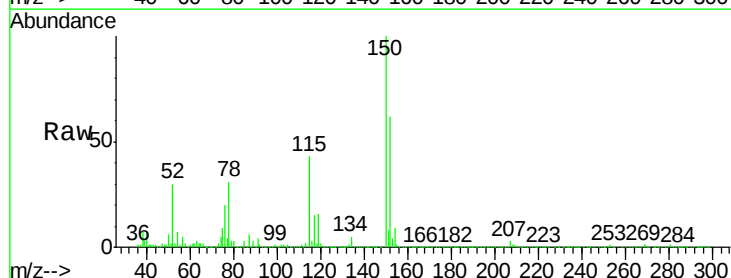
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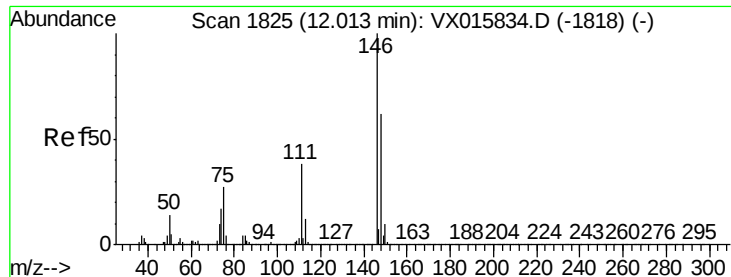
MMDadoda
 4/23/2020 11:57:55 AM



#86
 p-Isopropyltoluene
 Concen: 0.989 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: VX015831.D
 Acq: 22 Apr 2020 09:59

Tgt Ion	Ratio	Lower	Upper
119	100		
134	31.1	13.0	38.9
91	30.1	11.5	34.5





#87

1,3-Dichlorobenzene

Concen: 1.061 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Instrument :

MSVOA_X

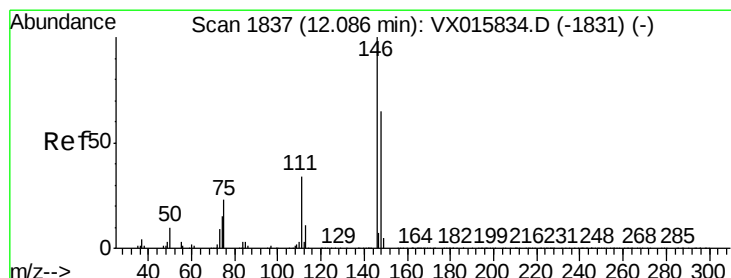
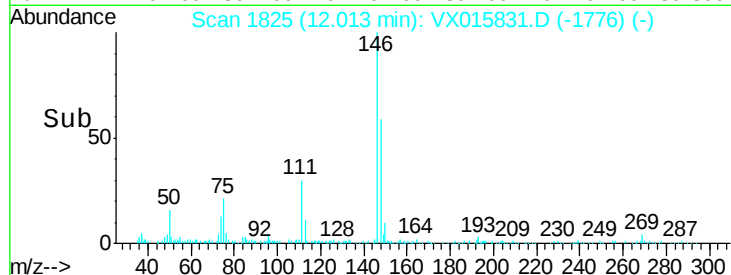
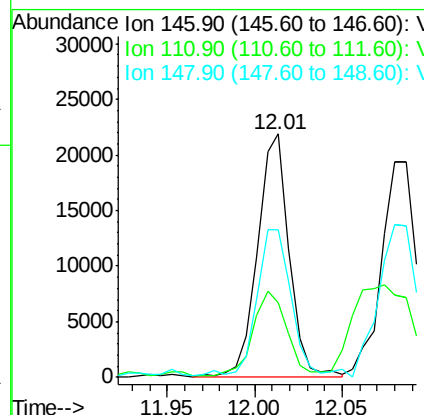
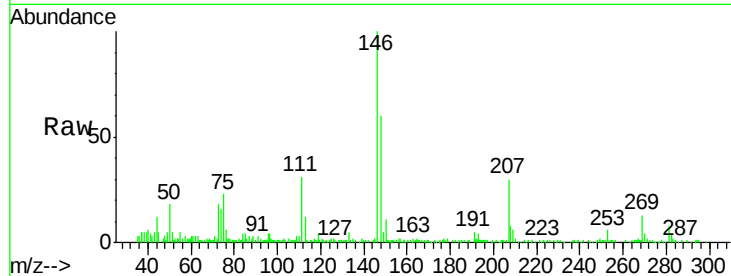
ClientSampleId :

VSTDIC001

Tot Ion:	146	Resp:	27311
Ion Ratio	Lower	Upper	
146	100		
111	37.6	19.1	57.1
148	66.9	30.9	92.7

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#88

1,4-Dichlorobenzene

Concen: 1.071 ug/l m

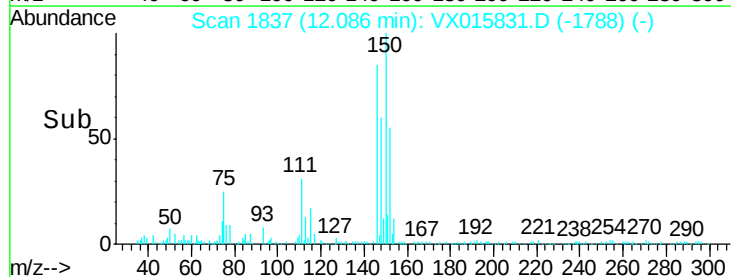
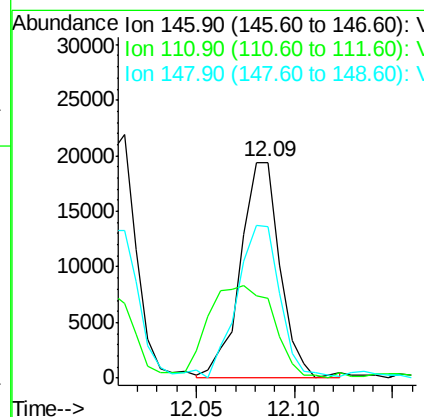
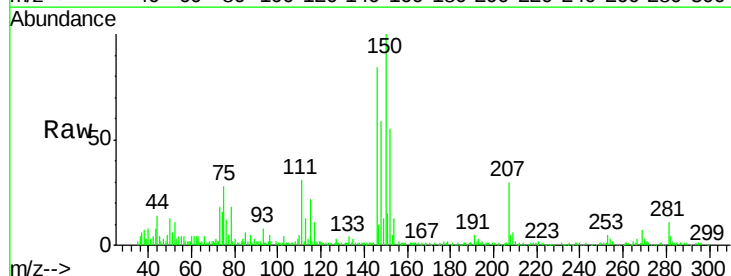
RT: 12.09 min Scan# 1837

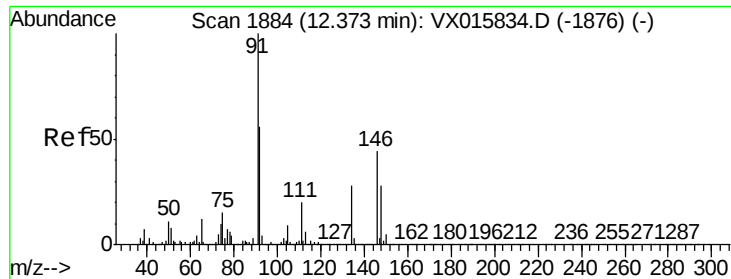
Delta R.T. 0.00 min

Lab File: VX015831.D

Acq: 22 Apr 2020 09:59

Tgt Ion:	146	Resp:	27474
Ion Ratio	Lower	Upper	
146	100		
111	37.4	19.4	58.2
148	66.5	33.8	101.4





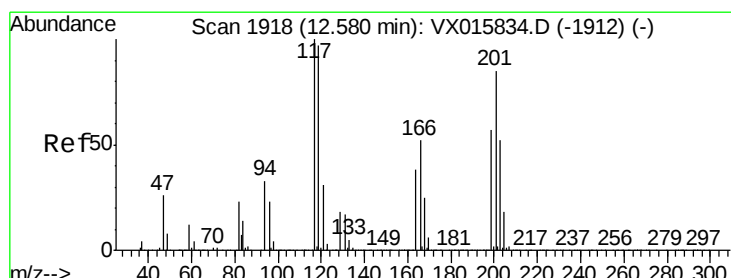
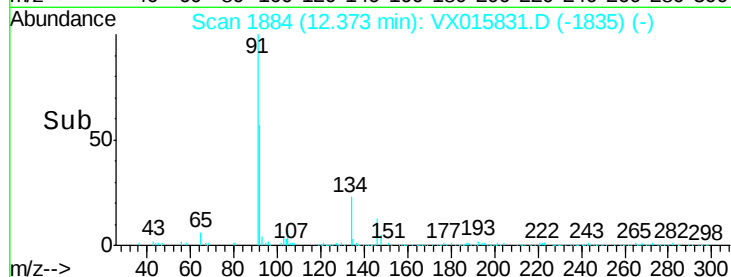
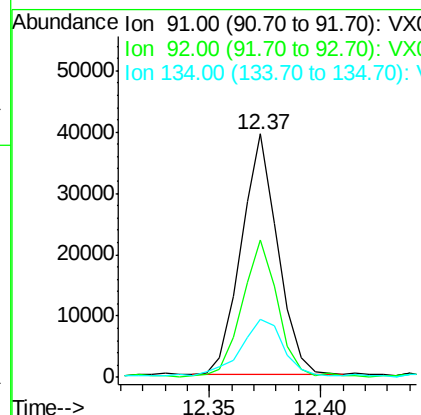
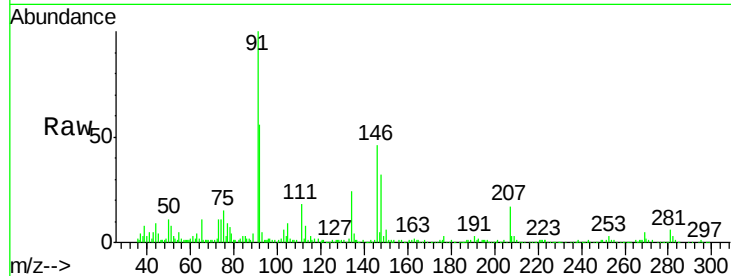
#89
n-Butylbenzene
Concen: 1.049 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.5	27.7	83.1
134	27.8	14.1	42.4

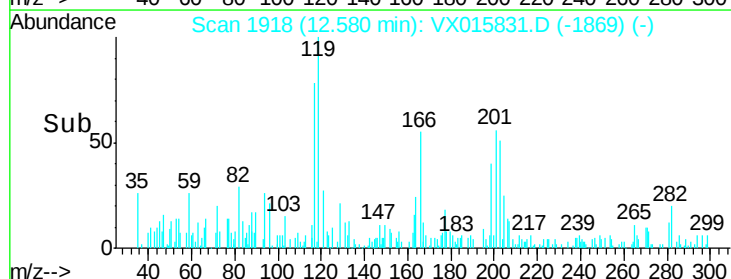
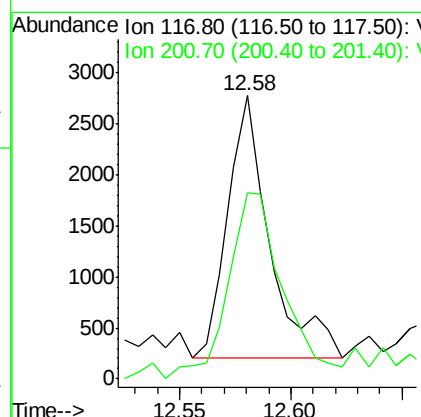
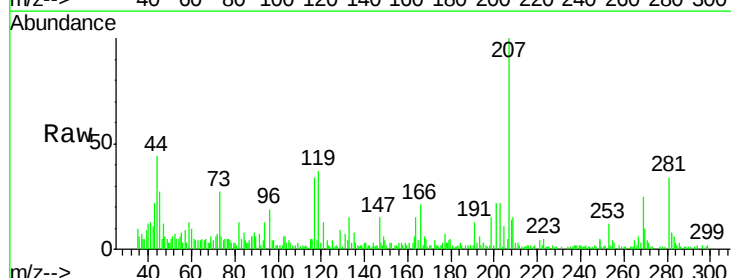
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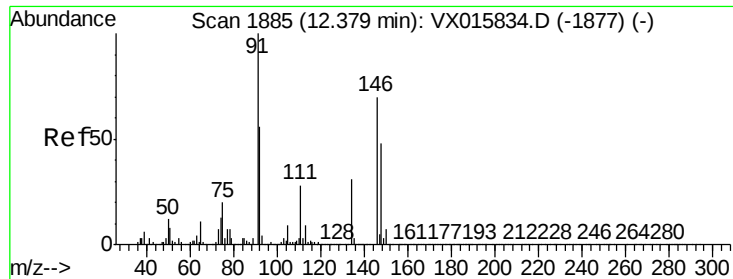
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#90
Hexachloroethane
Concen: 0.810 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	92.0	45.6	136.9





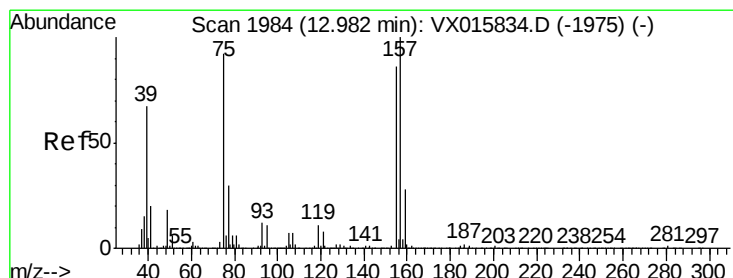
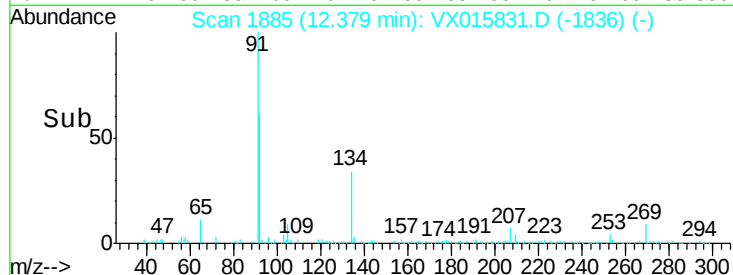
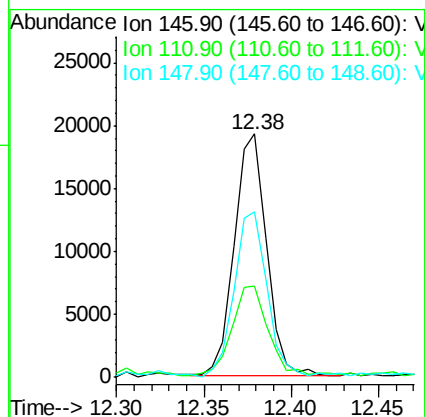
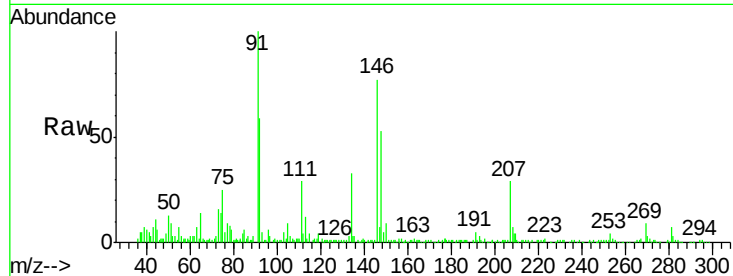
#91
 1,2-Dichlorobenzene
 Concen: 1.010 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015831.D
 Acq: 22 Apr 2020 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.5	20.3	61.0
148	70.6	32.1	96.3

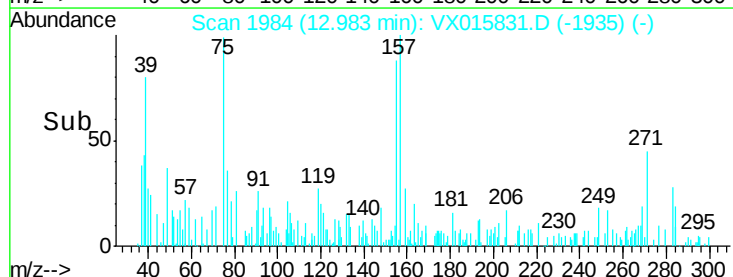
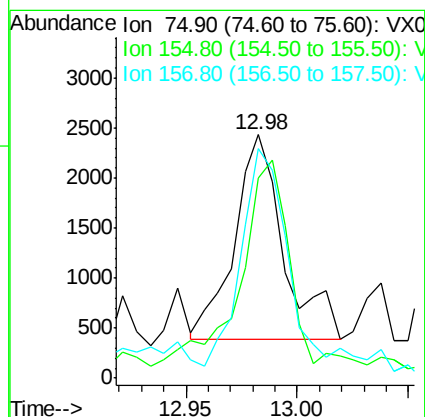
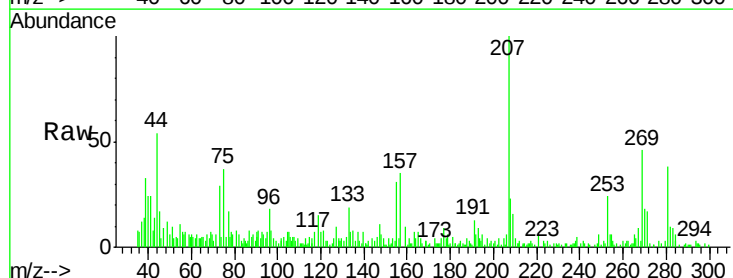
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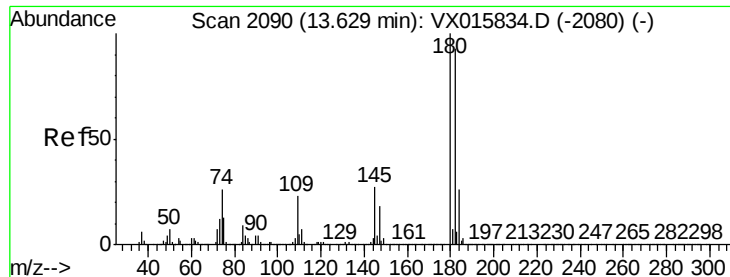
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.033 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015831.D
 Acq: 22 Apr 2020 09:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.3	48.1	144.4
157	123.1	58.9	176.7





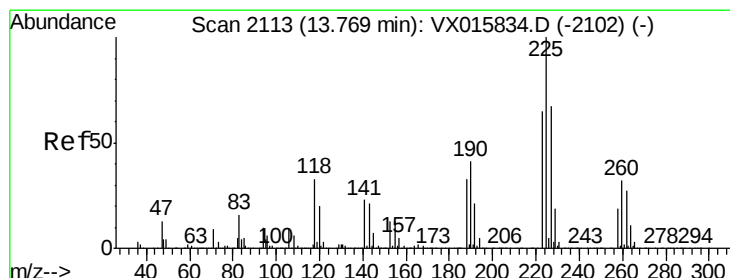
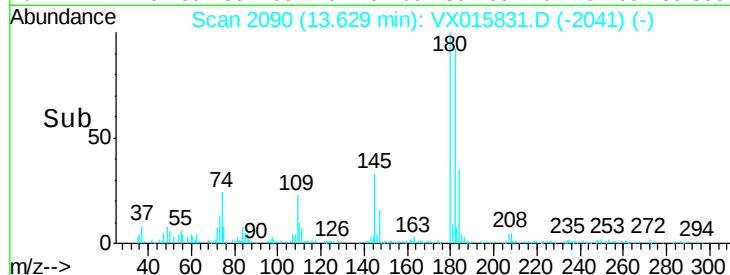
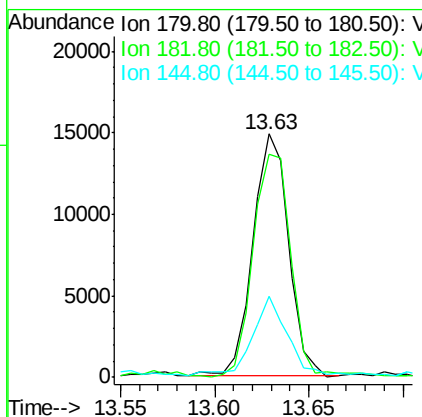
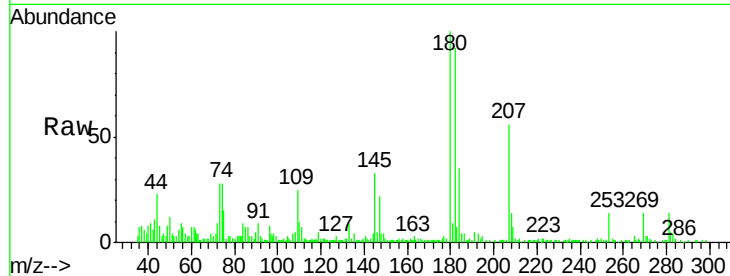
#93
 1,2,4-Trichlorobenzene
 Concen: 1.012 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015831.D
 Acq: 22 Apr 2020 09:59

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp	Lower	Upper
180	100	19379		
182	99.8	47.7	143.1	
145	32.2	14.5	43.5	

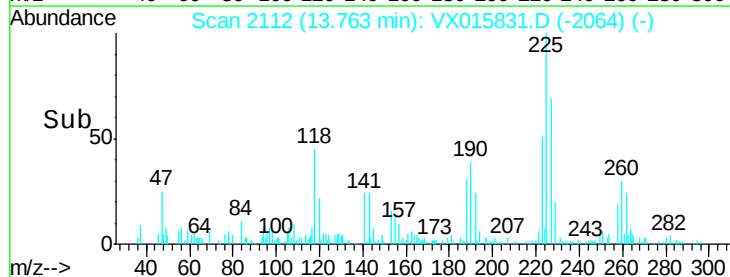
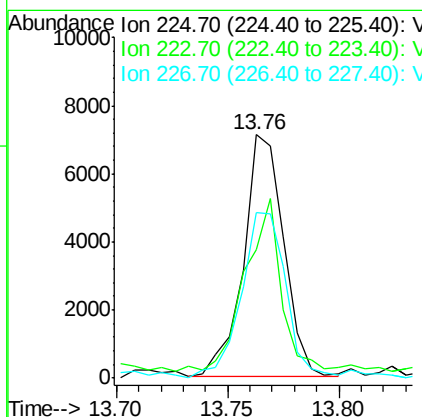
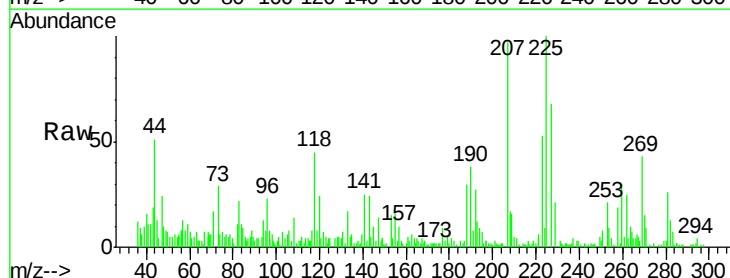
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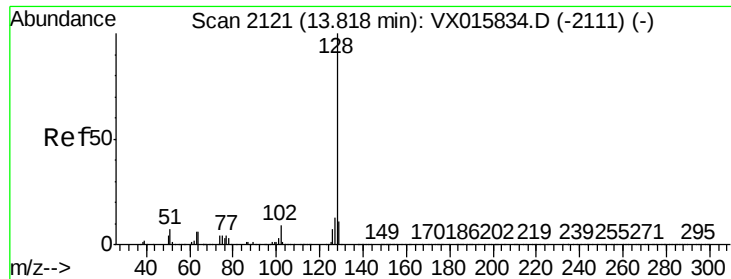
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#94
 Hexachlorobutadiene
 Concen: 1.053 ug/l
 RT: 13.76 min Scan# 2112
 Delta R.T. -0.01 min
 Lab File: VX015831.D
 Acq: 22 Apr 2020 09:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	8971		
223	64.8	31.3	93.8	
227	75.7	32.6	97.8	





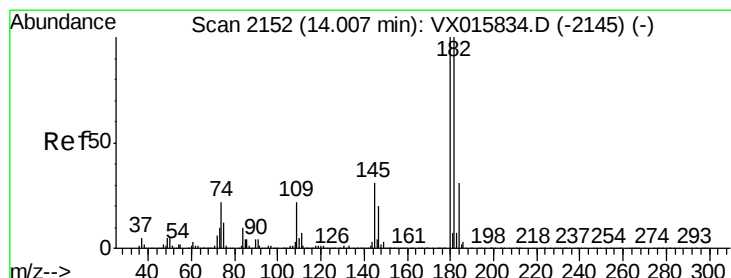
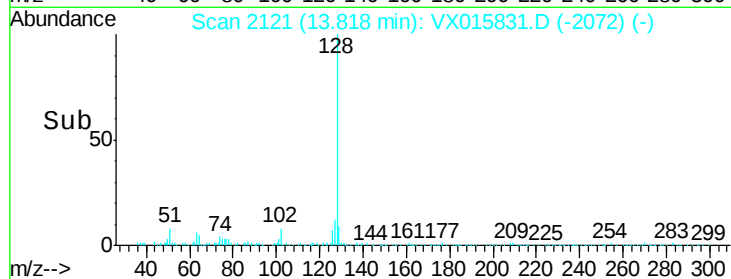
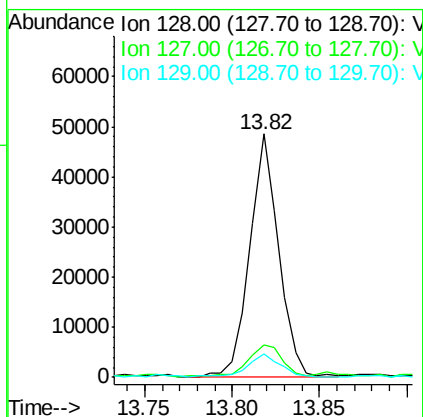
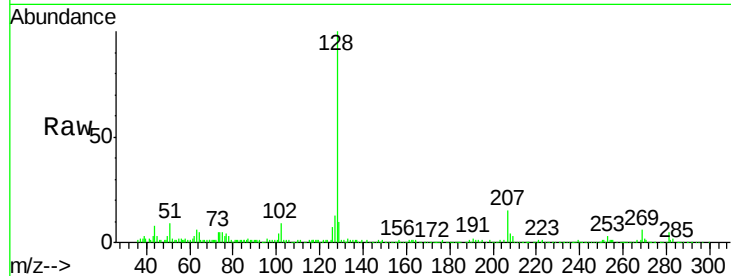
#95
Naphthalene
Concen: 1.010 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.9	10.5	15.7
129	11.4	8.5	12.7

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#96
1,2,3-Trichlorobenzene
Concen: 1.059 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. -0.01 min
Lab File: VX015831.D
Acq: 22 Apr 2020 09:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.1	47.9	143.7
145	30.6	15.2	45.5

