

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042820\
 Data File : VX015962.D
 Acq On : 28 Apr 2020 15:24
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

MMDadoda
 4/30/2020 2:59:41 PM

Quant Time: Apr 28 17:31:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:15:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	265806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	422772	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	386562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	200296	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	18320	5.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.54%	
35) Dibromofluoromethane	5.46	113	13500	5.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.24%	
50) Toluene-d8	8.70	98	49241	4.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.98%	
62) 4-Bromofluorobenzene	11.12	95	19081	4.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.86%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	11299	4.750	ug/l	97
3) Chloromethane	1.31	50	14155	4.910	ug/l	96
4) Vinyl Chloride	1.39	62	16358	4.997	ug/l	100
5) Bromomethane	1.62	94	12758	5.805	ug/l	91
6) Chloroethane	1.70	64	10859	4.987	ug/l	100
7) Trichlorofluoromethane	1.92	101	25015	5.055	ug/l	100
8) Diethyl Ether	2.17	74	10161	4.919	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	12410	5.031	ug/l	98
10) Methyl Iodide	2.49	142	15330	4.455	ug/l	97
11) Tert butyl alcohol	3.01	59	21610	25.616	ug/l	95
12) 1,1-Dichloroethene	2.36	96	12624	4.964	ug/l	94
13) Acrolein	2.27	56	6024	28.414	ug/l	92
14) Allyl chloride	2.71	41	22530	4.913	ug/l	95
15) Acrylonitrile	3.12	53	41779	24.977	ug/l	99
16) Acetone	2.42	43	37885	25.493	ug/l	98
17) Carbon Disulfide	2.55	76	39467	4.845	ug/l	98
18) Methyl Acetate	2.75	43	21449	5.086	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	45962	4.997	ug/l	96
20) Methylene Chloride	2.83	84	15029	5.109	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	14121	4.927	ug/l	98
22) Diisopropyl ether	3.82	45	45398	5.035	ug/l #	97
23) Vinyl Acetate	3.79	43	194285	24.808	ug/l	99
24) 1,1-Dichloroethane	3.67	63	25489	5.075	ug/l	100
25) 2-Butanone	4.64	43	60238	25.014	ug/l	99
26) 2,2-Dichloropropane	4.55	77	23668	5.154	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	16363	5.031	ug/l	100
28) Bromochloromethane	4.98	49	12586	5.179	ug/l	95
29) Tetrahydrofuran	5.10	42	38995	24.708	ug/l	99
30) Chloroform	5.18	83	26720	5.116	ug/l	95
31) Cyclohexane	5.56	56	22723	5.082	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	24356	5.065	ug/l	99
36) 1,1-Dichloropropene	5.77	75	20187	5.013	ug/l	99
37) Ethyl Acetate	4.80	43	23489	5.087	ug/l	98
38) Carbon Tetrachloride	5.76	117	21354	5.021	ug/l	94

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

Manual Integrations
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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	23470	5.039	ug/l	98
40) Benzene	6.11	78	58355	5.079	ug/l	100
41) Methacrylonitrile	5.01	41	11734	4.748	ug/l	96
42) 1,2-Dichloroethane	6.16	62	22783	5.118	ug/l	100
43) Isopropyl Acetate	6.42	43	37968	4.966	ug/l	98
44) Trichloroethene	7.20	130	21822	5.270	ug/l	97
45) 1,2-Dichloropropane	7.49	63	15243	5.134	ug/l	93
46) Dibromomethane	7.64	93	10580	5.015	ug/l	98
47) Bromodichloromethane	7.88	83	20699	4.937	ug/l	99
48) Methyl methacrylate	7.75	41	17680	5.008	ug/l	98
49) 1,4-Dioxane	7.72	88	8325	100.245	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	114285	24.642	ug/l	100
52) Toluene	8.77	92	36430	4.995	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	24303	4.885	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	25595	5.002	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	14555	4.994	ug/l	98
56) Ethyl methacrylate	9.16	69	22378	4.722	ug/l	98
57) 1,3-Dichloropropane	9.35	76	25049	5.002	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.29	63	57644	23.538	ug/l	99
59) 2-Hexanone	9.48	43	89039	24.566	ug/l	100
60) Dibromochloromethane	9.57	129	15727	4.821	ug/l	97
61) 1,2-Dibromoethane	9.65	107	15445	4.887	ug/l	98
64) Tetrachloroethene	9.32	164	23985	5.230	ug/l	98
65) Chlorobenzene	10.12	112	40072	5.090	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	14938	5.020	ug/l	97
67) Ethyl Benzene	10.24	91	70660	5.040	ug/l	98
68) m/p-Xylenes	10.34	106	53209	10.001	ug/l	98
69) o-Xylene	10.68	106	24869	4.923	ug/l	92
70) Styrene	10.70	104	41426	4.779	ug/l	99
71) Bromoform	10.84	173	10929	4.534	ug/l #	100
73) Isopropylbenzene	11.00	105	68001	4.991	ug/l	99
74) N-amyl acetate	10.88	43	32224	4.904	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	10762	4.075	ug/l	96
76) 1,2,3-Trichloropropane	11.28	75	21531m	4.105	ug/l	
77) Bromobenzene	11.24	156	17628	5.026	ug/l	99
78) n-propylbenzene	11.34	91	78616	5.016	ug/l	99
79) 2-Chlorotoluene	11.40	91	47288	5.063	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	58014	5.054	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	8275	4.653	ug/l	97
82) 4-Chlorotoluene	11.49	91	54911	4.916	ug/l	98
83) tert-Butylbenzene	11.76	119	49511	5.003	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	57737	4.998	ug/l	100
85) sec-Butylbenzene	11.93	105	66624	4.997	ug/l	100
86) p-Isopropyltoluene	12.05	119	62054	4.969	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	32113	5.021	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	31780	4.916	ug/l	93
89) n-Butylbenzene	12.37	91	54398	4.820	ug/l	100
90) Hexachloroethane	12.58	117	10217	4.630	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	30641	5.010	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	5382	4.784	ug/l	94

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ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

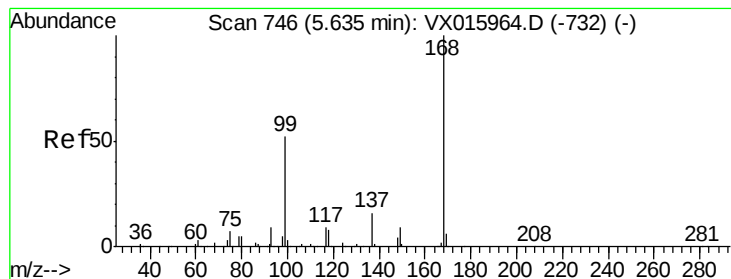
Manual Integrations
APPROVED

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4/30/2020 2:59:41 PM

Quant Time: Apr 28 17:31:28 2020
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	22316	4.861	ug/l	98
94) Hexachlorobutadiene	13.77	225	10212	4.979	ug/l	95
95) Naphthalene	13.82	128	69490	4.800	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	21745	4.919	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 265806

Ion Ratio Lower Upper

168 100

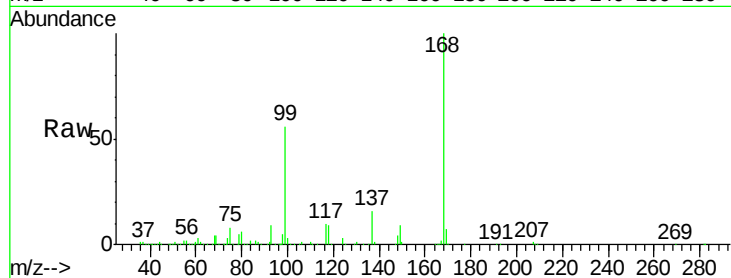
99 55.8 41.7 62.5

Manual Integrations

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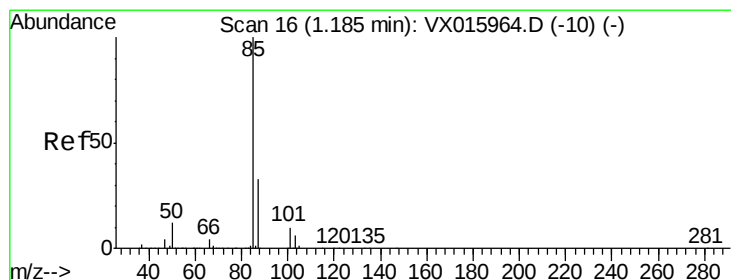
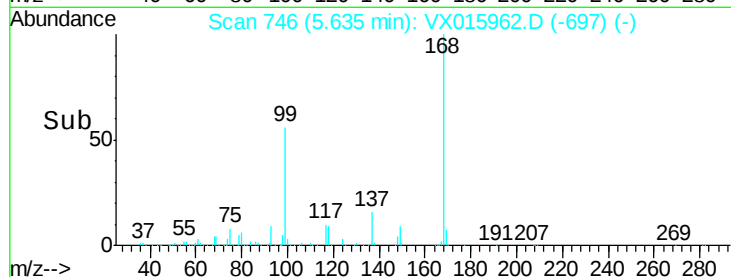
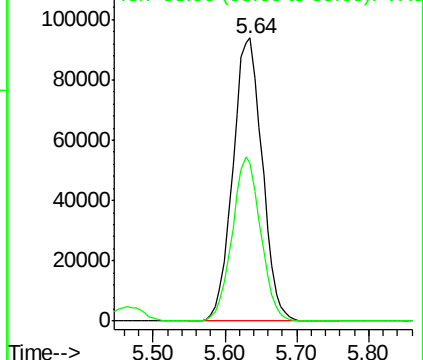
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 4.750 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX015962.D

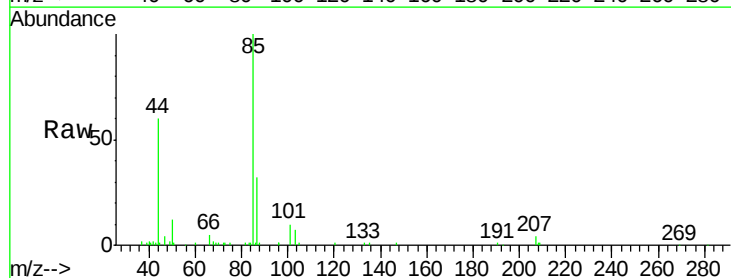
Acq: 28 Apr 2020 15:24

Tgt Ion: 85 Resp: 11299

Ion Ratio Lower Upper

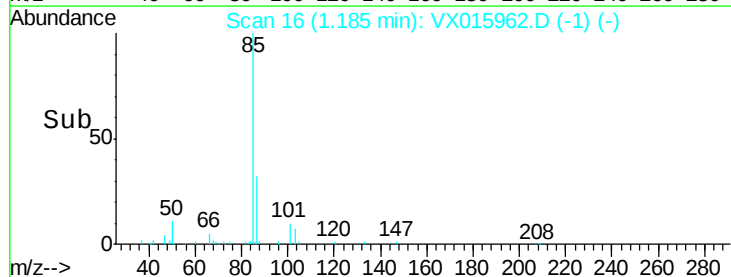
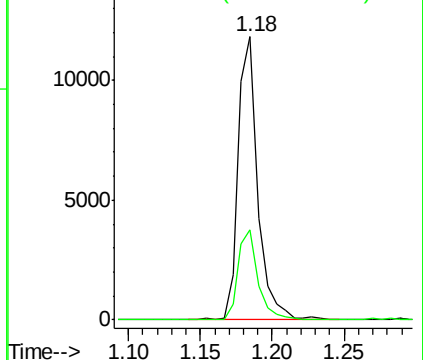
85 100

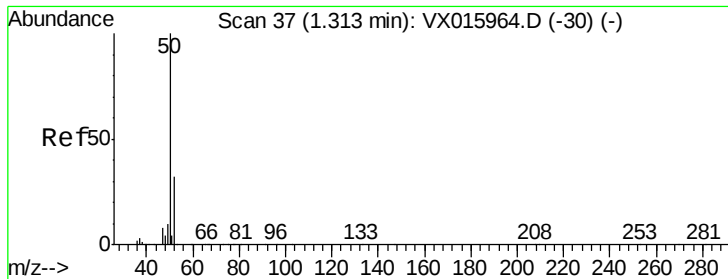
87 31.8 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 4.910 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 14155

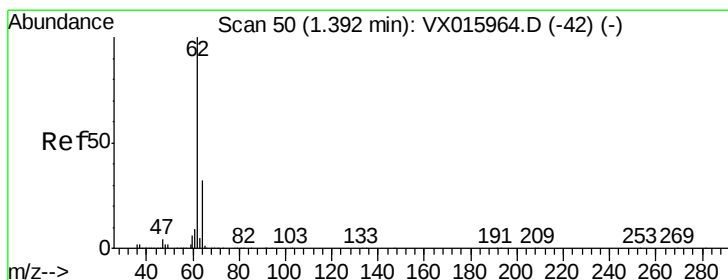
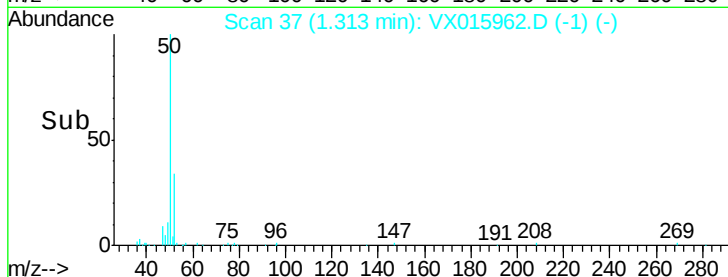
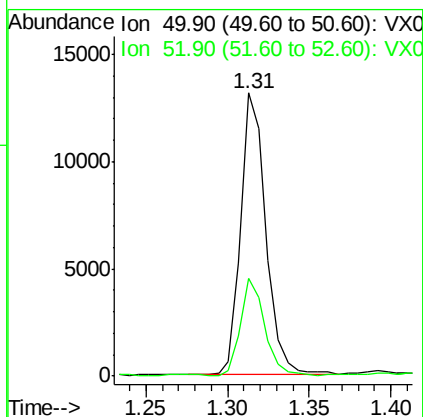
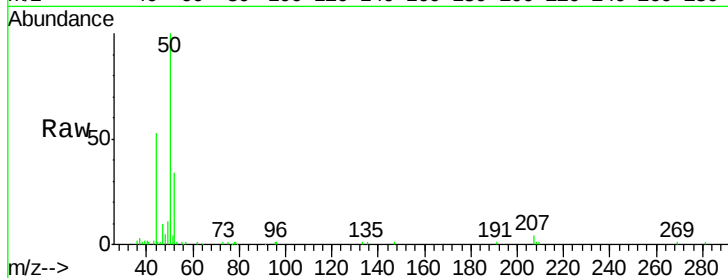
Ion Ratio Lower Upper

50 100

52 34.1 25.5 38.3

Manual Integrations
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#4

Vinyl Chloride

Concen: 4.997 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX015962.D

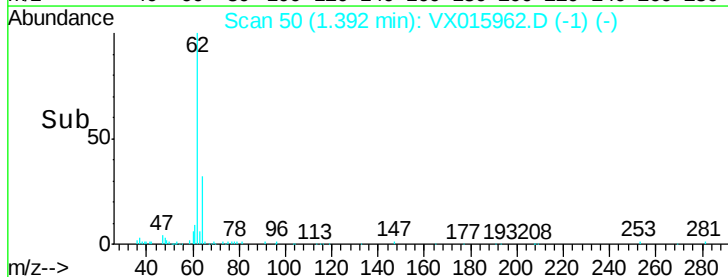
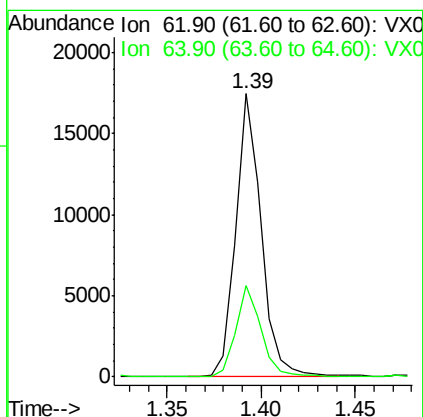
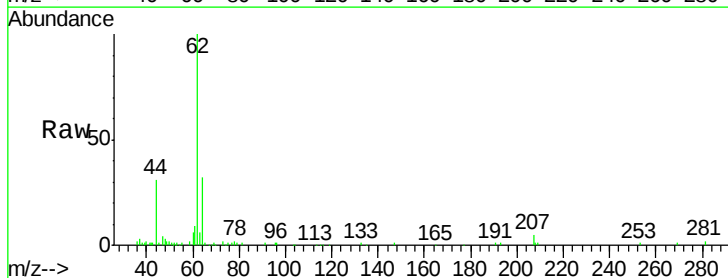
Acq: 28 Apr 2020 15:24

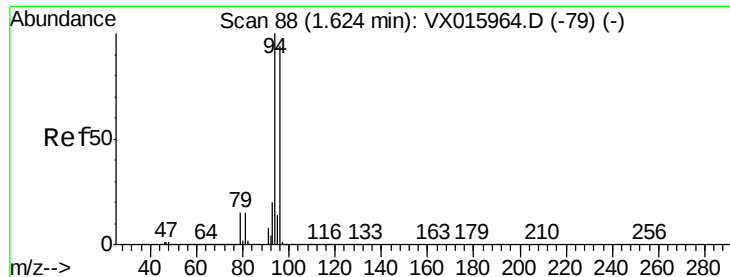
Tgt Ion: 62 Resp: 16358

Ion Ratio Lower Upper

62 100

64 32.2 25.8 38.6





#5

Bromomethane

Concen: 5.805 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 12758

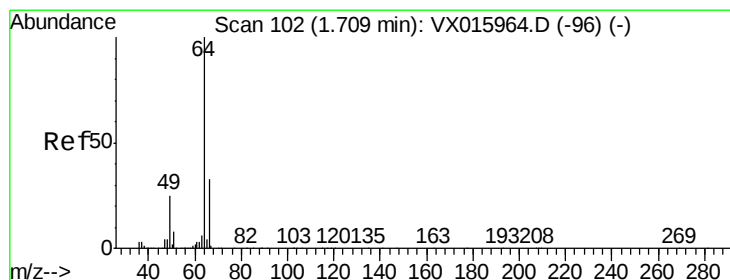
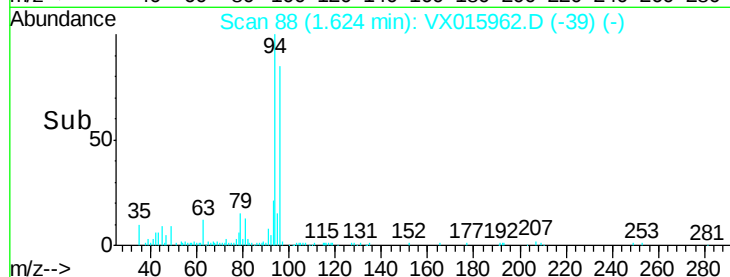
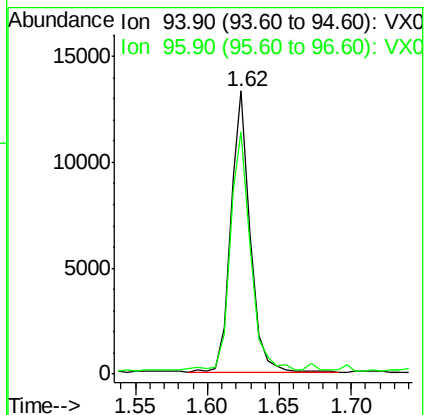
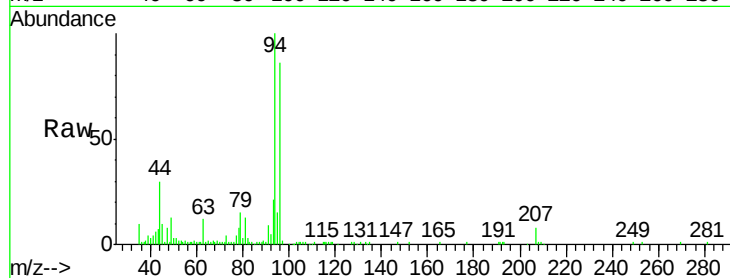
Ion Ratio Lower Upper

94 100

96 84.7 74.9 112.3

Manual Integrations
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#6

Chloroethane

Concen: 4.987 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.01 min

Lab File: VX015962.D

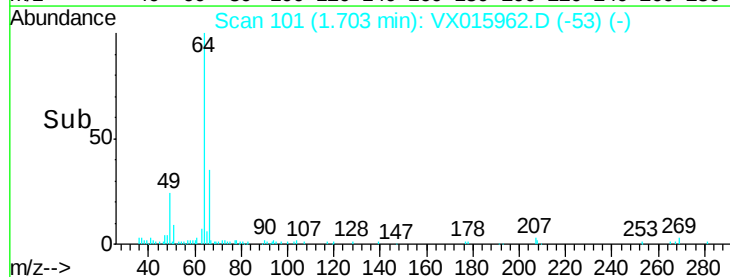
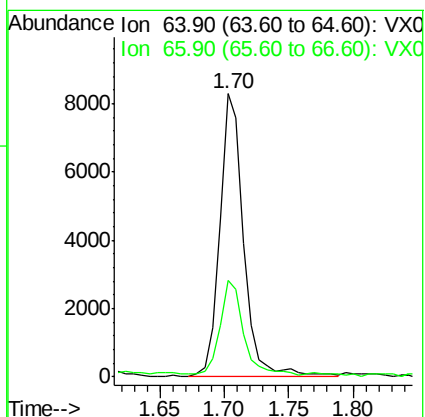
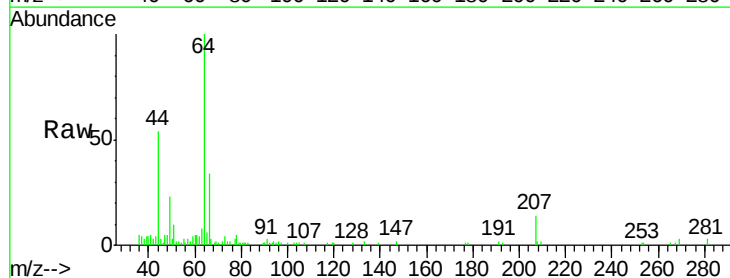
Acq: 28 Apr 2020 15:24

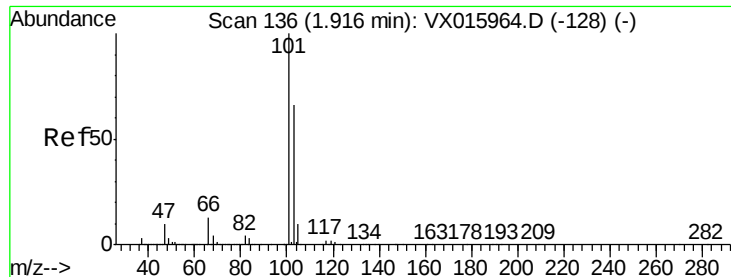
Tgt Ion: 64 Resp: 10859

Ion Ratio Lower Upper

64 100

66 32.9 26.2 39.2





#7

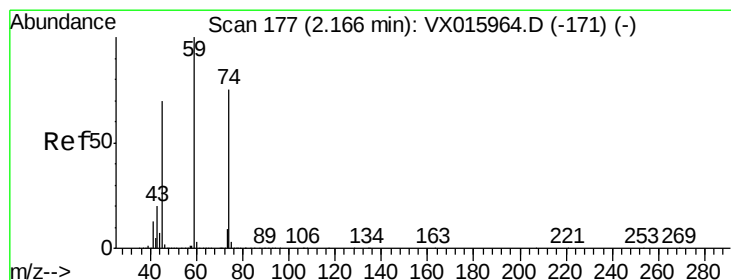
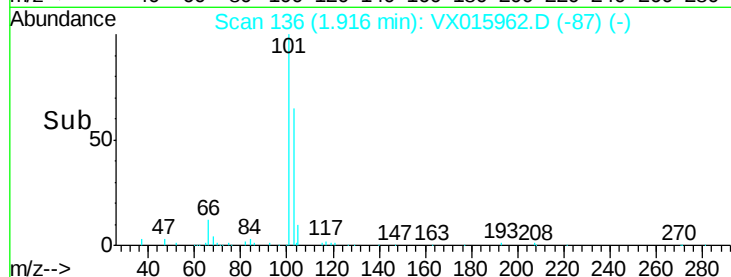
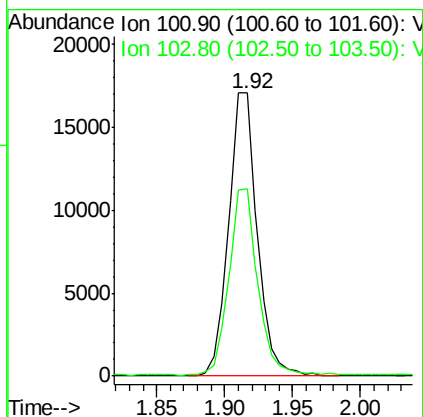
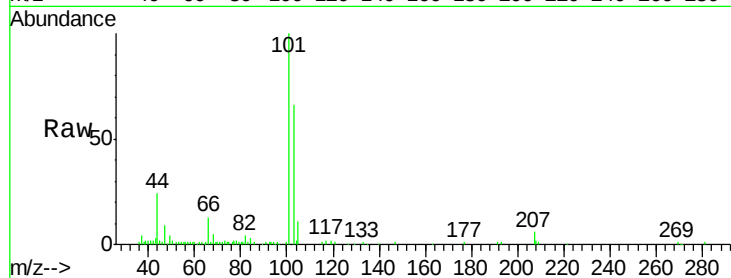
Trichlorofluoromethane
Concen: 5.055 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	52.4	78.6

Manual Integrations
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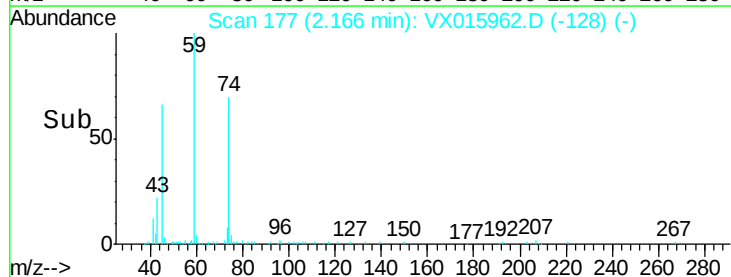
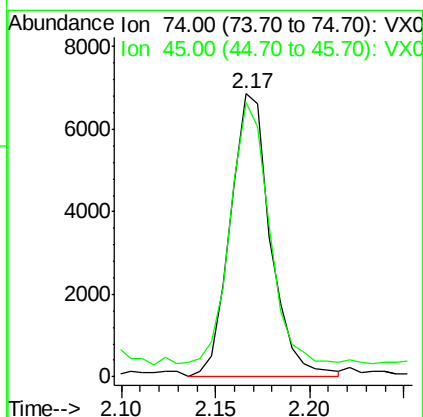
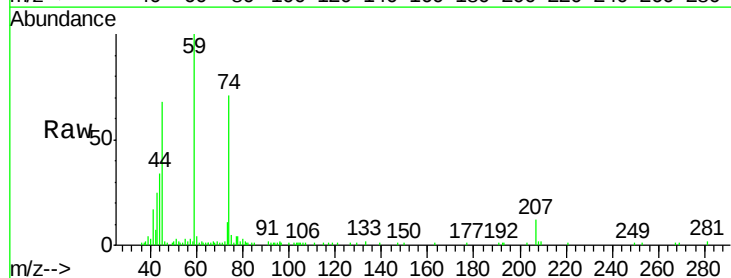
MMDadoda
4/30/2020 2:59:41 PM

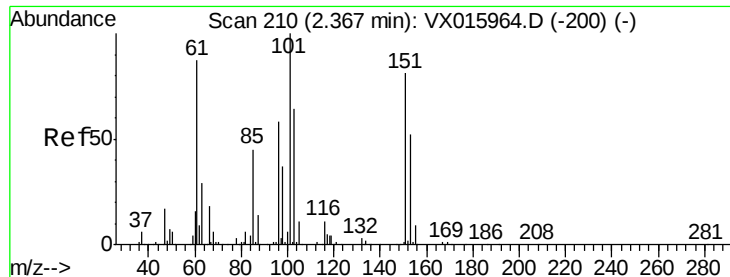


#8

Diethyl Ether
Concen: 4.919 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.1	47.1	141.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.031 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

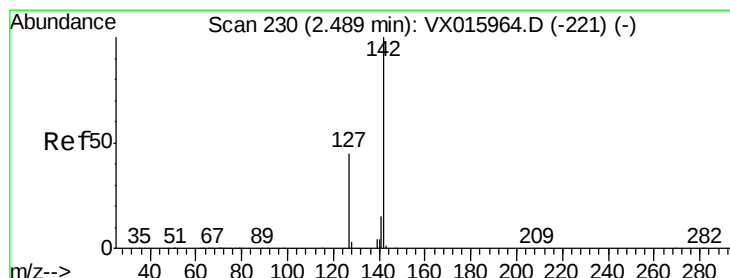
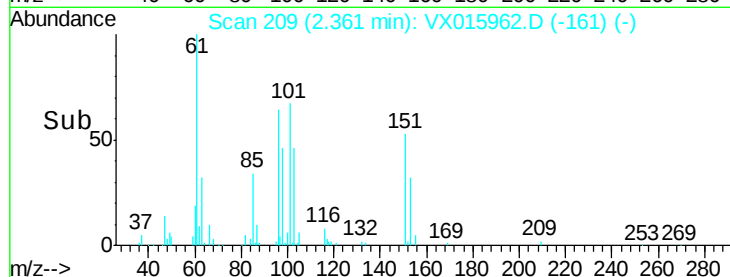
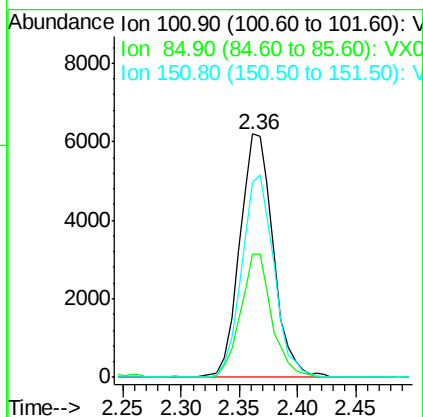
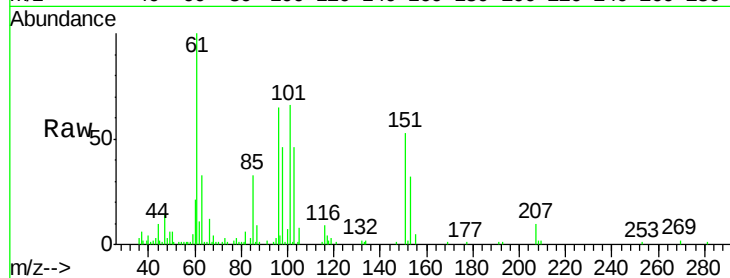
ClientSampleId :

VSTDIC005

Tot Ion:	101	Resp:	12410
Ion Ratio	Lower	Upper	
101	100		
85	47.2	36.3	54.5
151	80.0	63.1	94.7

Manual Integrations
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#10

Methyl Iodide

Concen: 4.455 ug/l

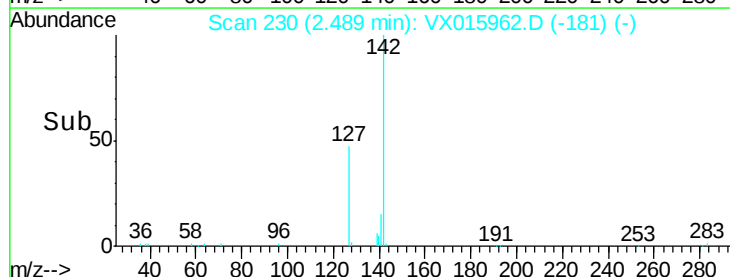
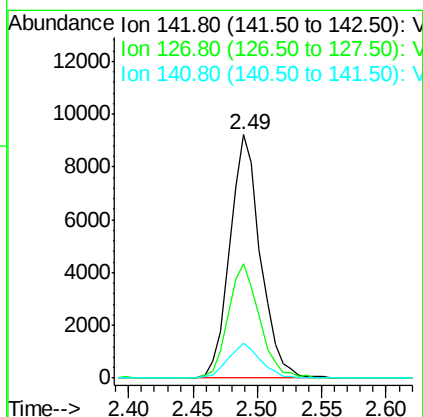
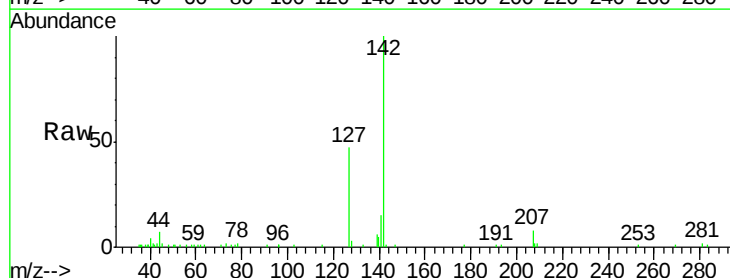
RT: 2.49 min Scan# 230

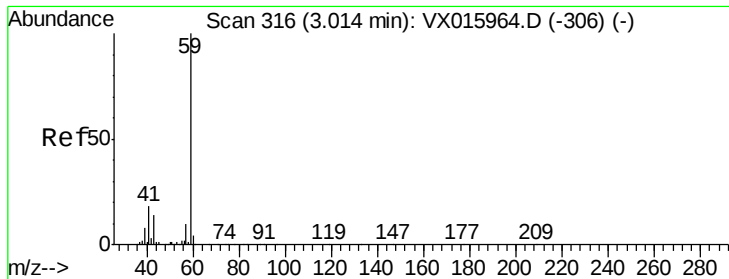
Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Tgt Ion:	142	Resp:	15330
Ion Ratio	Lower	Upper	
142	100		
127	47.7	36.5	54.7
141	15.1	11.6	17.4





#11

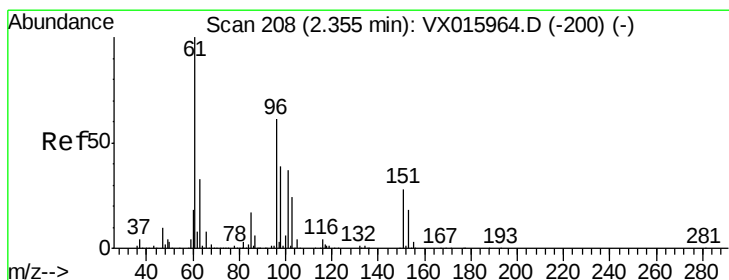
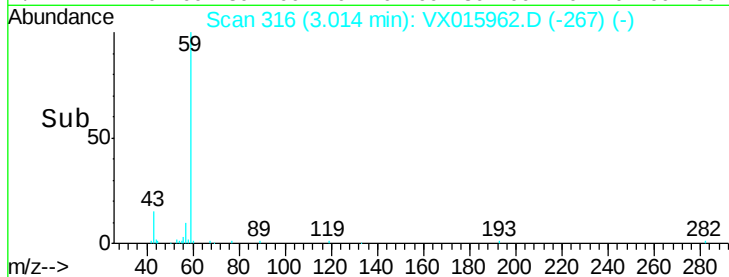
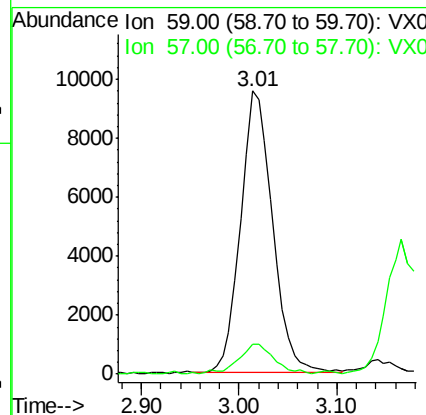
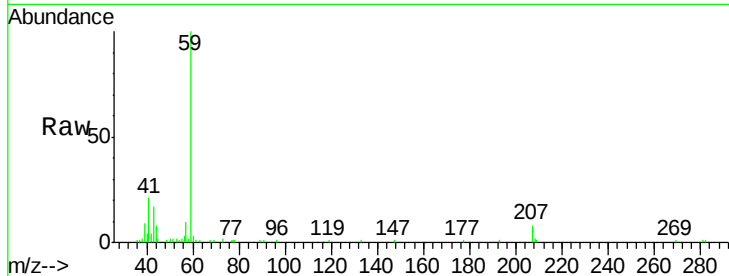
Tert butyl alcohol
Concen: 25.616 ug/l
RT: 3.01 min Scan# 316
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Instrument :
MSVOA_X
ClientSampleID :
VSTDIC005

Tot Ion	Ion	Ratio	Lower	Upper
59	59	100		
57	57	12.1	8.3	12.5

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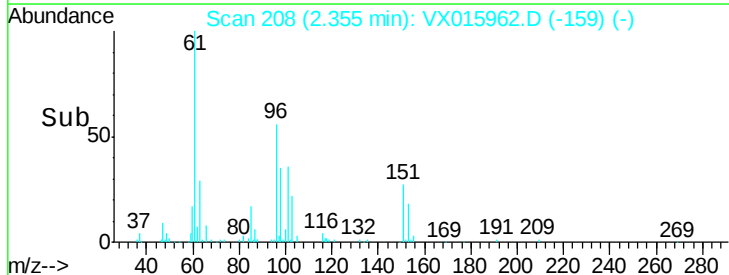
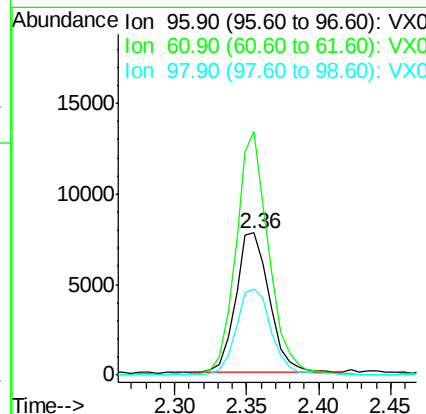
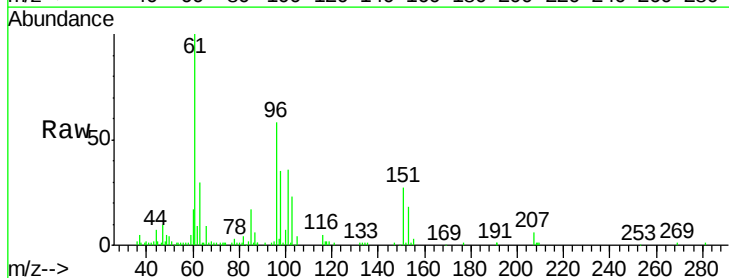
MMDadoda
4/30/2020 2:59:41 PM

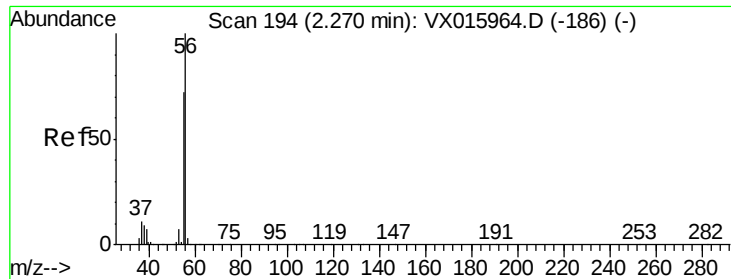


#12

1,1-Dichloroethene
Concen: 4.964 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Tgt Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	173.7	131.0	196.4
98	98	61.6	50.7	76.1





#13

Acrolein

Concen: 28.414 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 6024

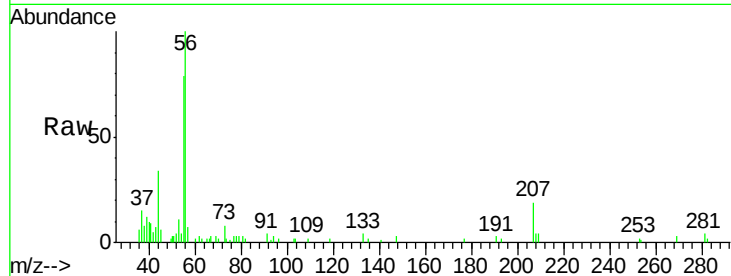
Ion Ratio Lower Upper

56 100

55 77.7 56.9 85.3

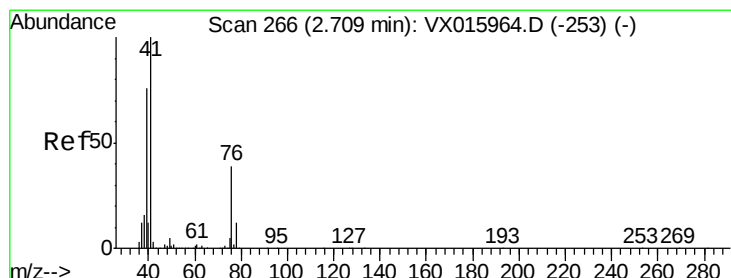
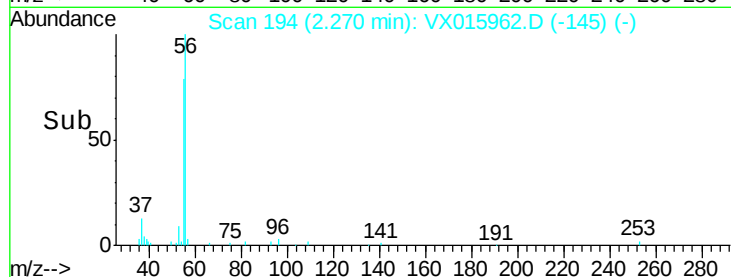
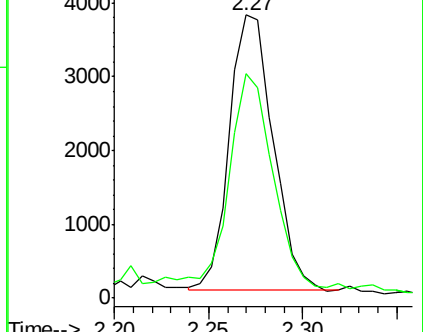
Manual Integrations
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 4.913 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

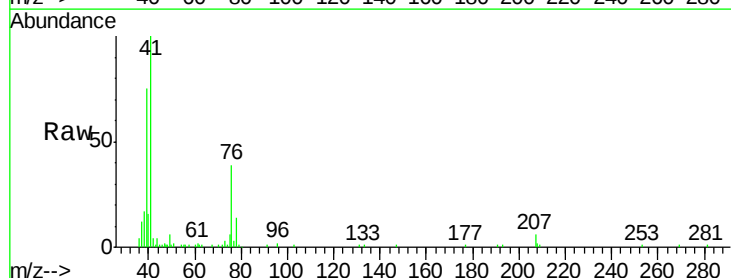
Tgt Ion: 41 Resp: 22530

Ion Ratio Lower Upper

41 100

39 72.9 55.4 83.0

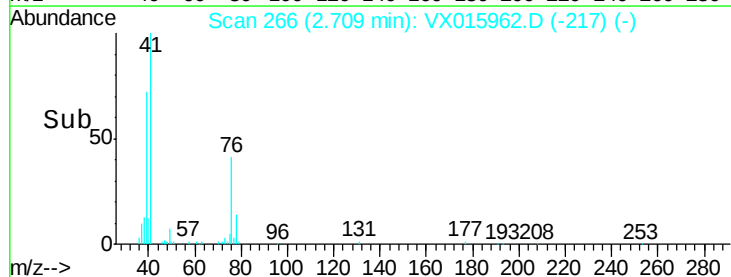
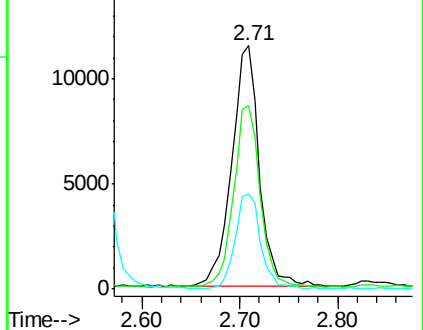
76 36.5 27.1 40.7

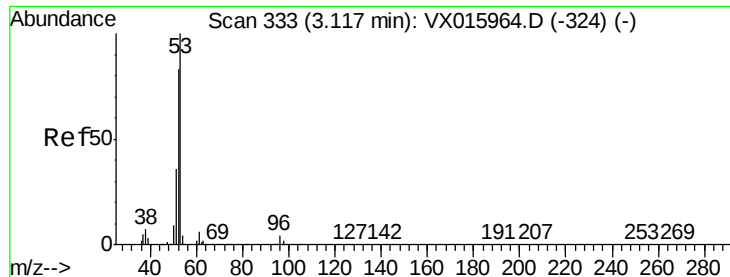


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 24.977 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

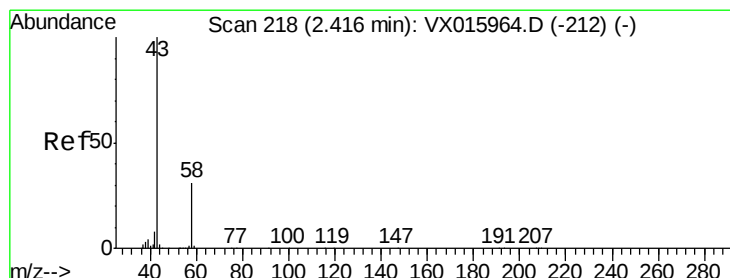
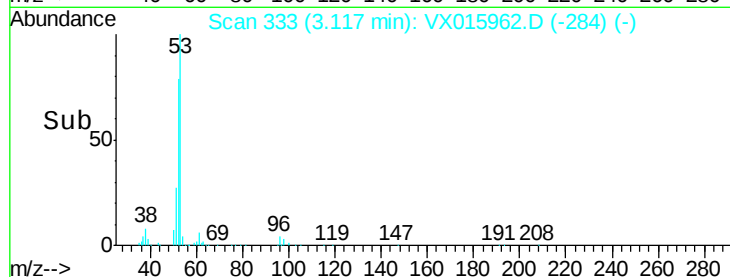
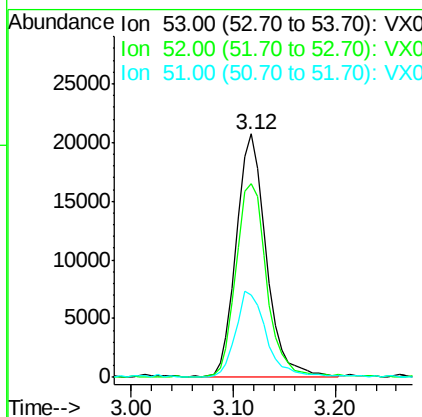
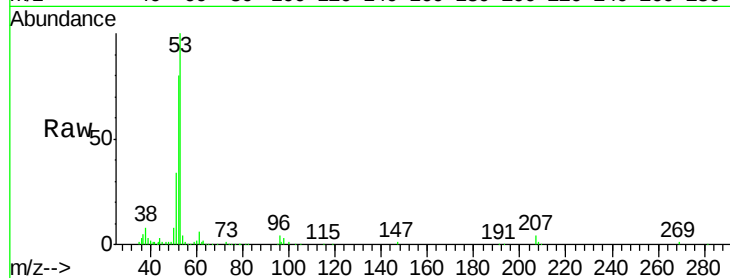
ClientSampleId :

VSTDIC005

Tot Ion:	53	Resp:	41779
Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.5	98.3
51	36.6	28.7	43.1

Manual Integrations
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#16

Acetone

Concen: 25.493 ug/l

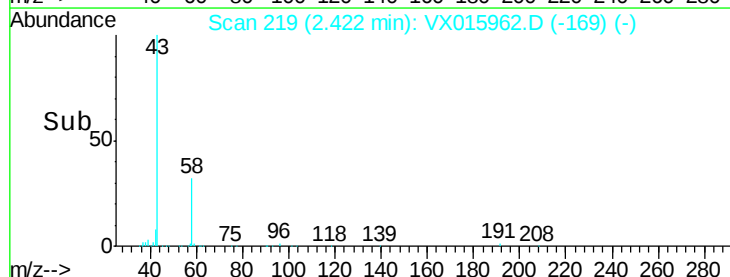
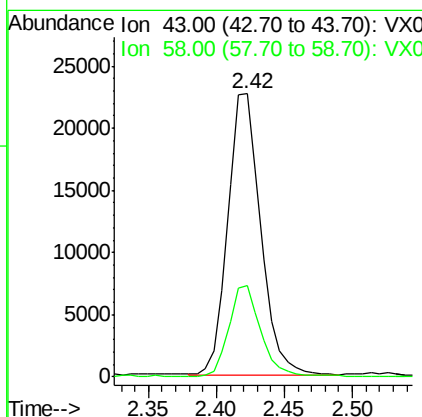
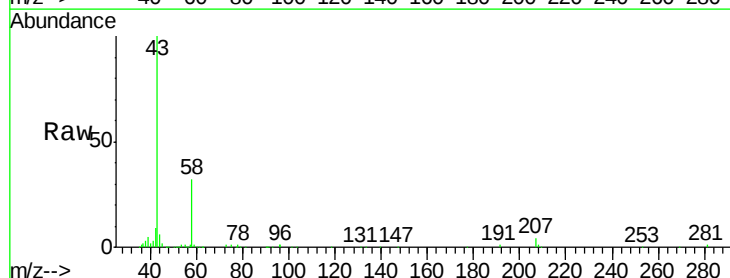
RT: 2.42 min Scan# 219

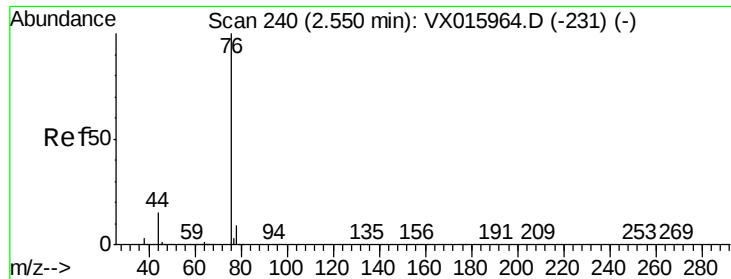
Delta R.T. 0.01 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Tgt Ion:	43	Resp:	37885
Ion	Ratio	Lower	Upper
43	100		
58	32.5	25.1	37.7





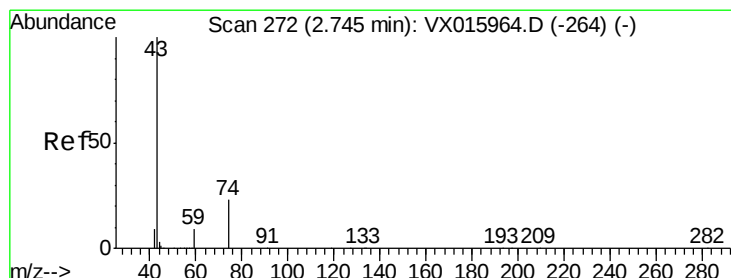
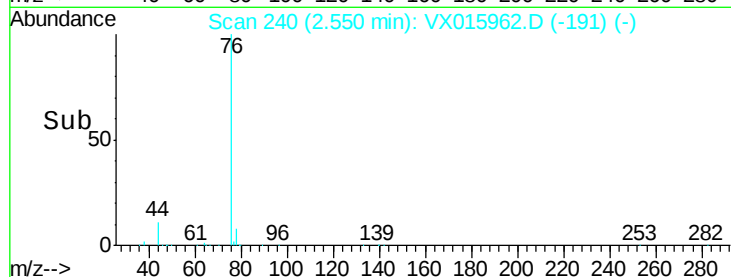
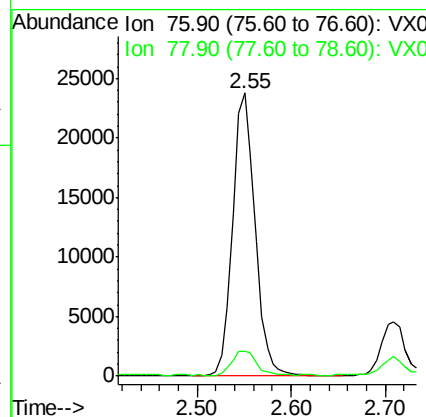
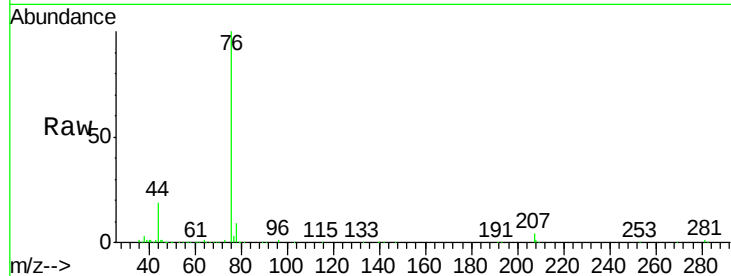
#17
Carbon Disulfide
Concen: 4.845 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.4	11.0

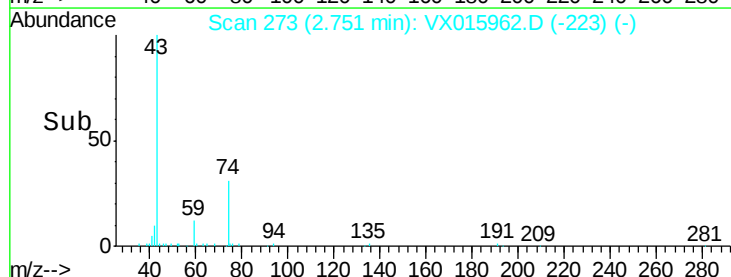
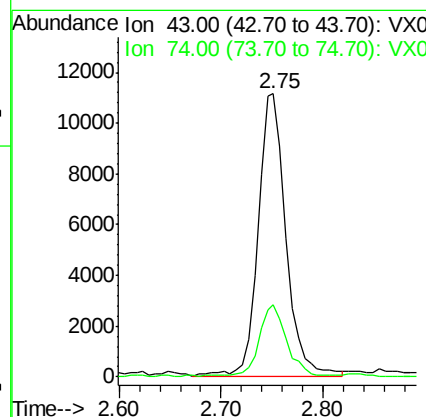
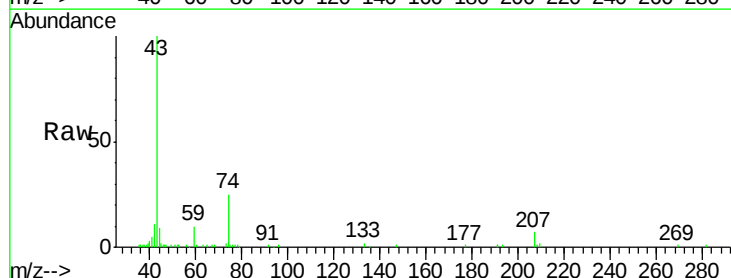
Manual Integrations
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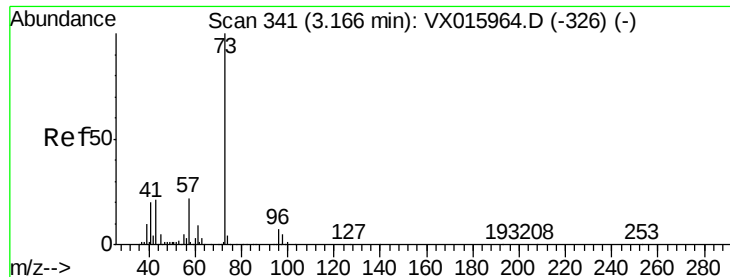
MMDadoda
4/30/2020 2:59:41 PM



#18
Methyl Acetate
Concen: 5.086 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.2	19.6	29.4





#19

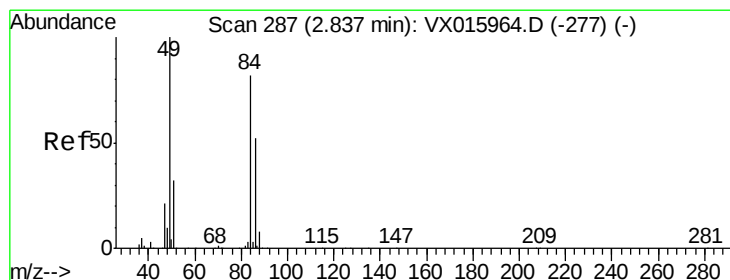
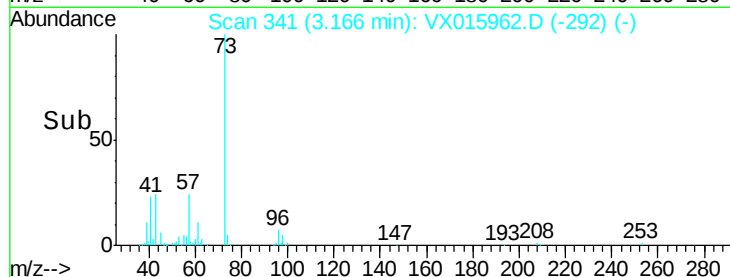
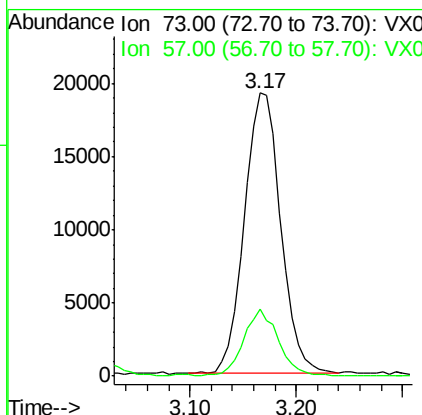
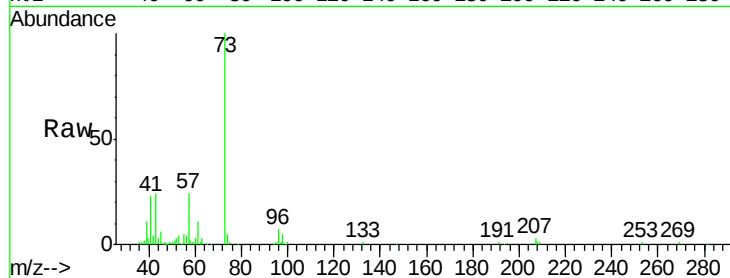
Methyl tert-butyl Ether
 Concen: 4.997 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.00 min
 Lab File: VX015962.D
 Acq: 28 Apr 2020 15:24

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC005

Tot Ion	73	Resp	45962
Ion Ratio	100	Lower	Upper
73	100		
57	23.6	17.5	26.3

Manual Integrations
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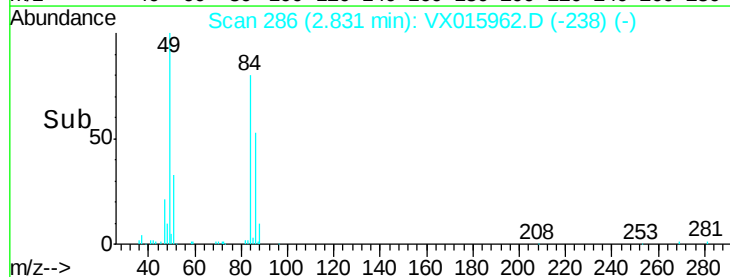
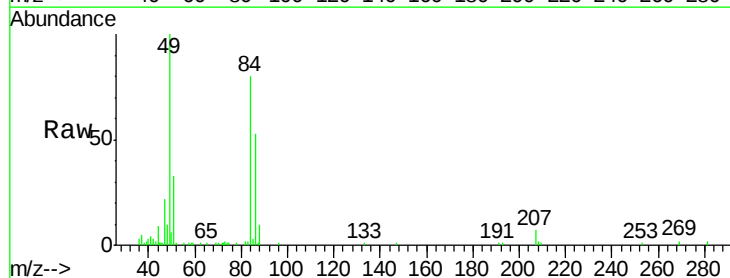
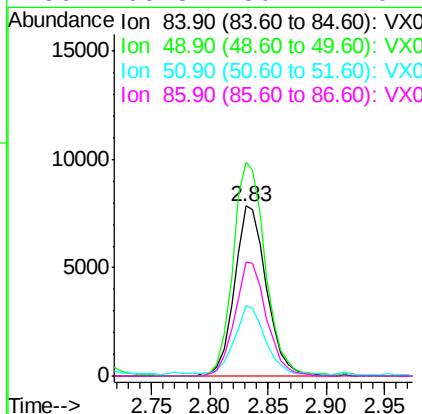
MMDadoda
 4/30/2020 2:59:41 PM

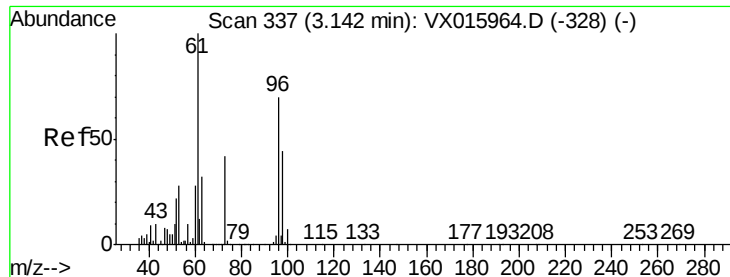


#20

Methylene Chloride
 Concen: 5.109 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX015962.D
 Acq: 28 Apr 2020 15:24

Tgt Ion	84	Resp	15029
Ion Ratio	100	Lower	Upper
84	100		
49	125.7	97.9	146.9
51	40.5	31.2	46.8
86	66.8	50.7	76.1





#21

trans-1,2-Dichloroethene

Concen: 4.927 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

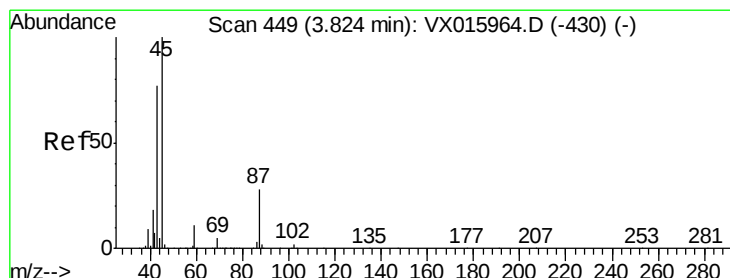
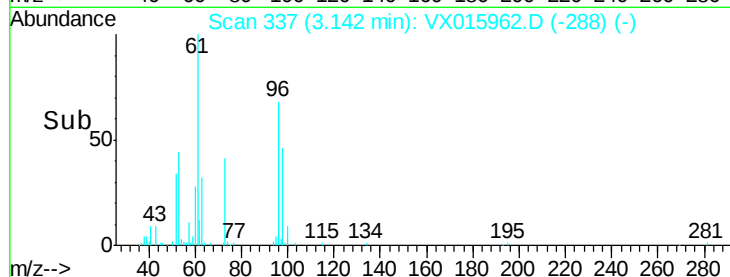
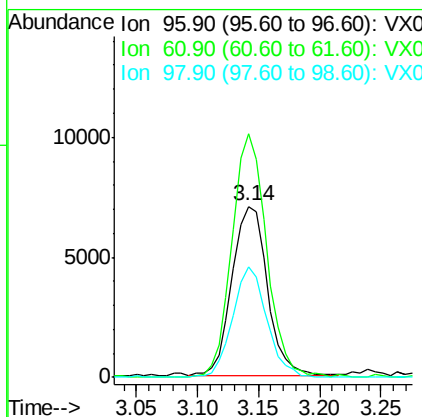
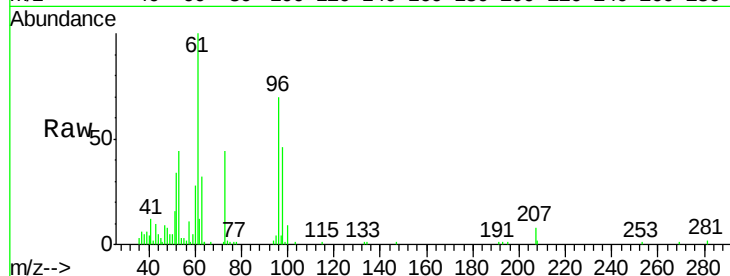
ClientSampleId :

VSTDIC005

Tot Ion:	96	Resp:	14121
Ion	Ratio	Lower	Upper
96	100		
61	143.7	113.6	170.4
98	65.6	50.3	75.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 5.035 ug/l

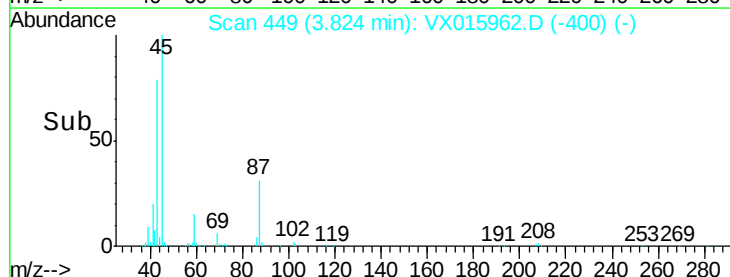
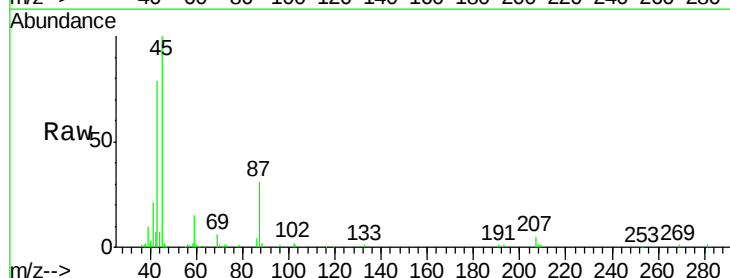
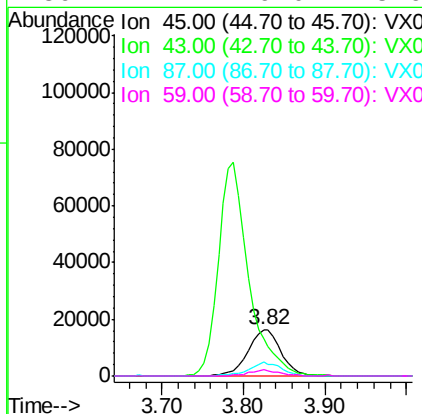
RT: 3.82 min Scan# 449

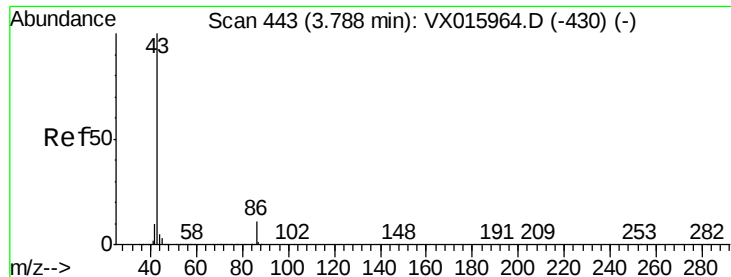
Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Tgt Ion:	45	Resp:	45398
Ion	Ratio	Lower	Upper
45	100		
43	78.2	61.3	91.9
87	30.7	22.6	33.8
59	14.7	9.0	13.6#





#23

Vinyl Acetate

Concen: 24.808 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 194285

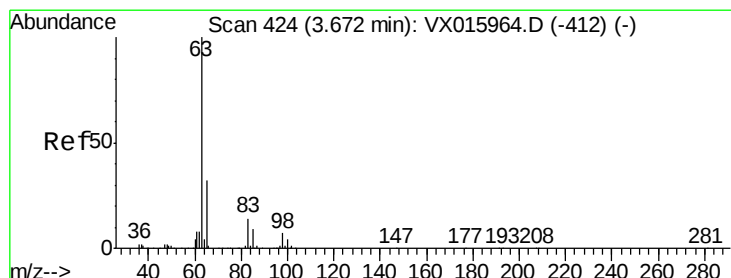
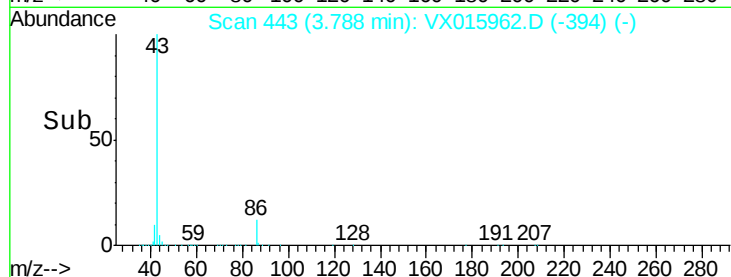
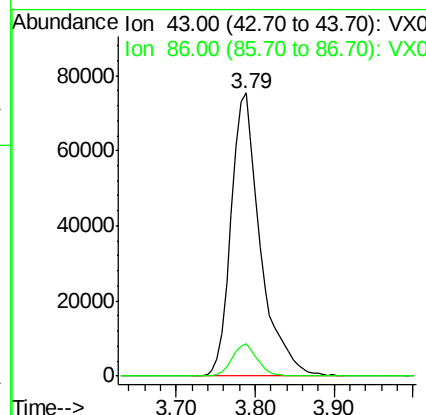
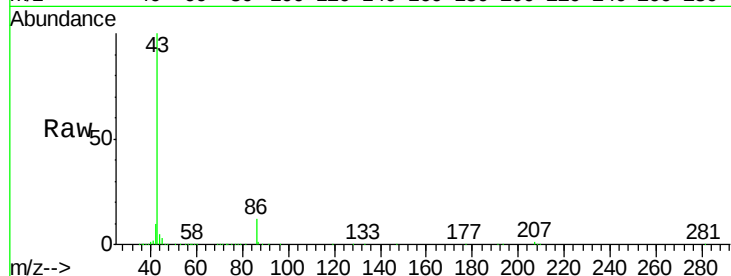
Ion Ratio Lower Upper

43 100

86 11.6 8.9 13.3

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 5.075 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

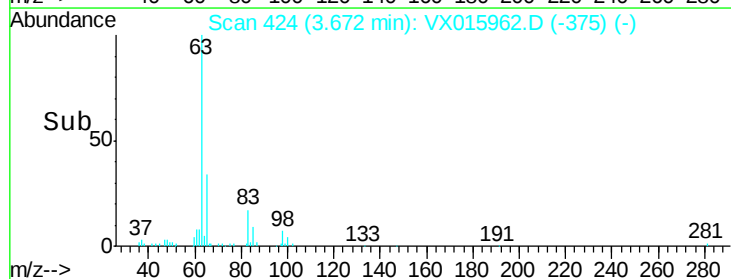
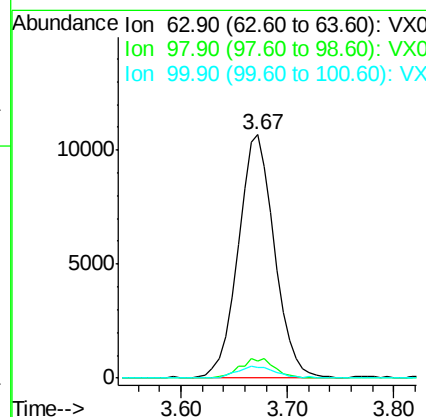
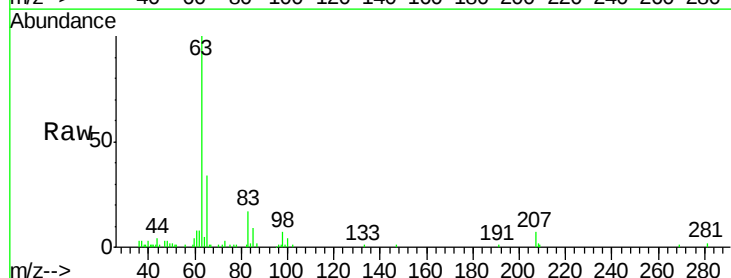
Tgt Ion: 63 Resp: 25489

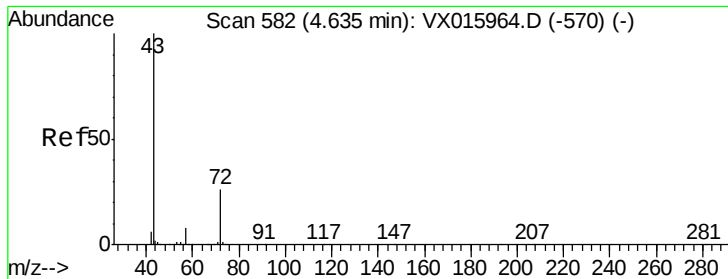
Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.8

100 4.5 2.2 6.6





#25

2-Butanone

Concen: 25.014 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 60238

Ion Ratio Lower Upper

43 100

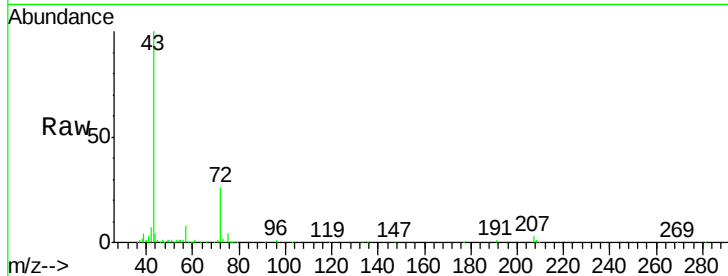
72 25.7 21.0 31.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

25000

20000

15000

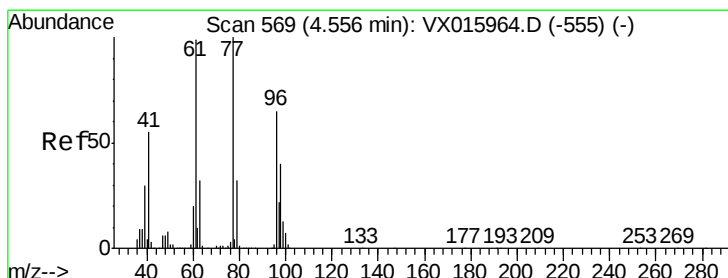
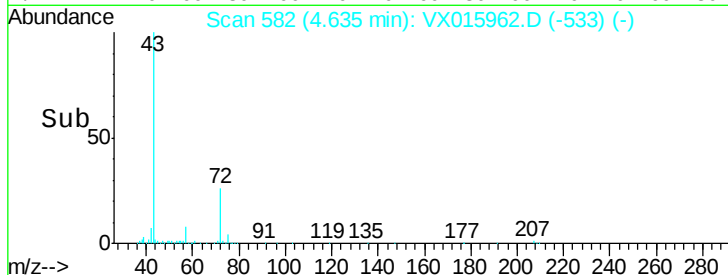
10000

5000

0

4.50 4.60 4.70

Time-->



#26

2,2-Dichloropropane

Concen: 5.154 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.01 min

Lab File: VX015962.D

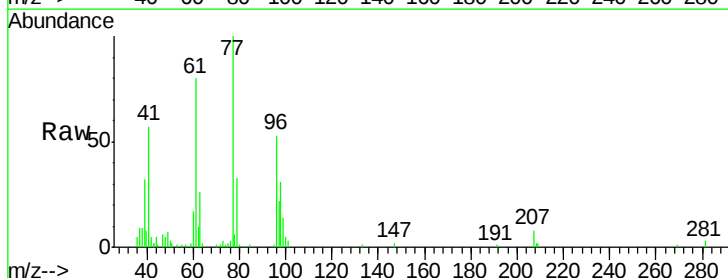
Acq: 28 Apr 2020 15:24

Tgt Ion: 77 Resp: 23668

Ion Ratio Lower Upper

77 100

97 22.6 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

8000

6000

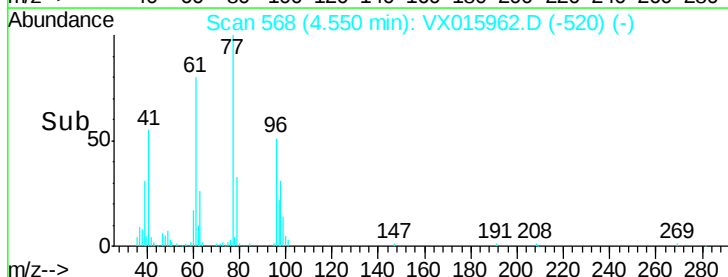
4000

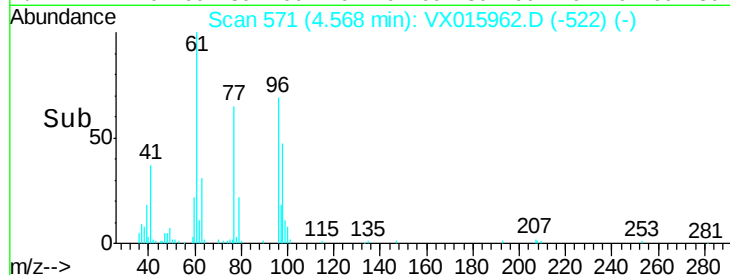
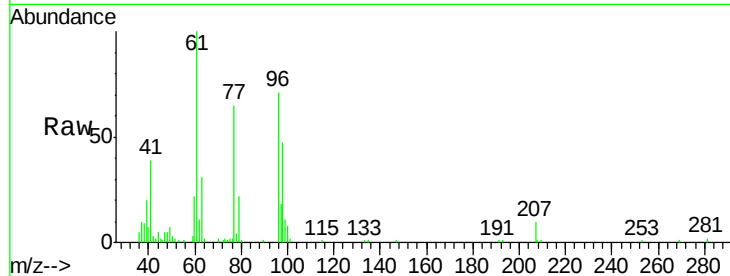
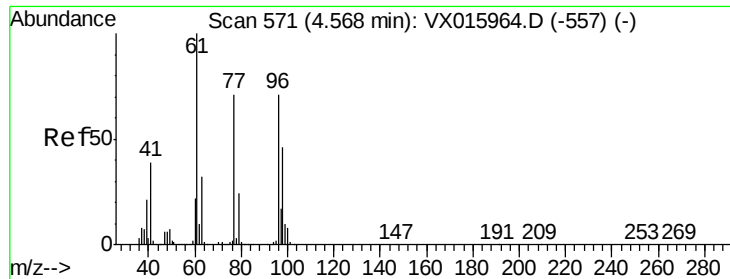
2000

0

4.40 4.50 4.60 4.70

Time-->





#27

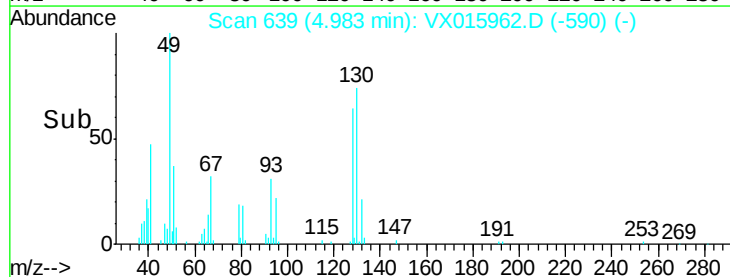
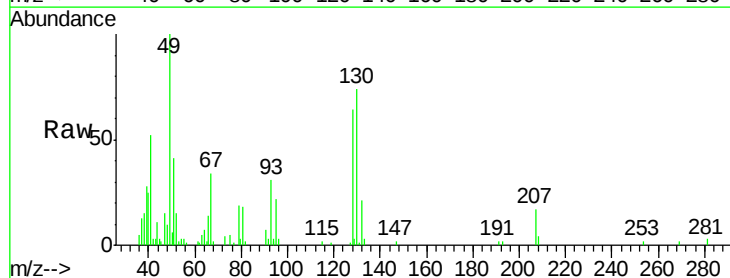
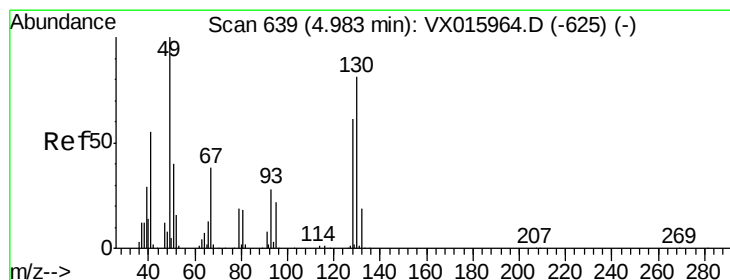
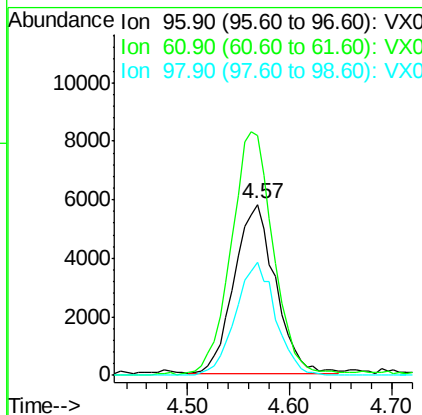
cis-1,2-Dichloroethene
Concen: 5.031 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Tot Ion	Ratio	Resp	Lower	Upper
96	100	16363		
61	146.6		0.0	294.2
98	64.2		0.0	127.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Manual Integrations
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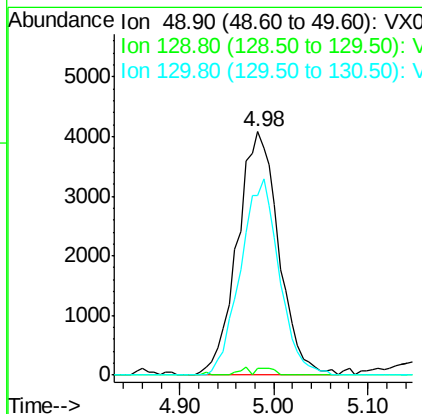
MMDadoda
4/30/2020 2:59:41 PM

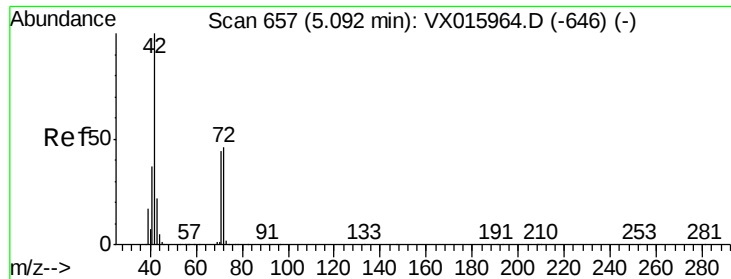


#28

Bromochloromethane
Concen: 5.179 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	12586		
129	1.3		0.0	4.6
130	75.4		63.9	95.9





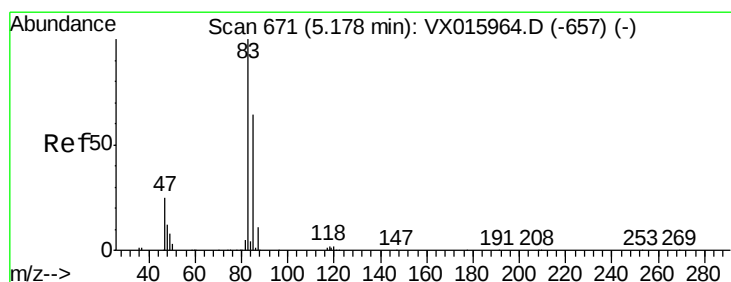
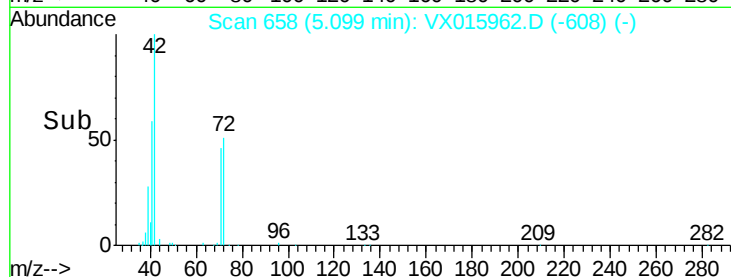
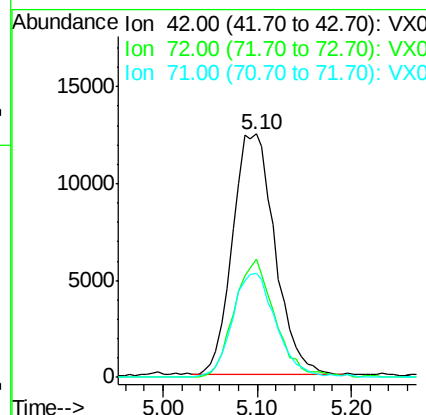
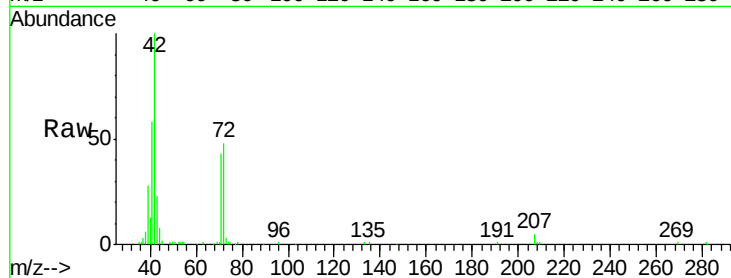
#29
Tetrahydrofuran
Concen: 24.708 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.2	37.4	56.0
71	44.0	34.6	52.0

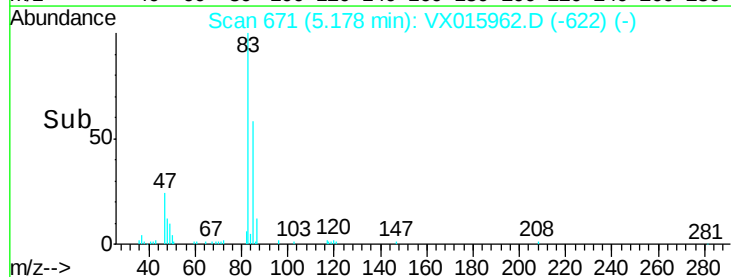
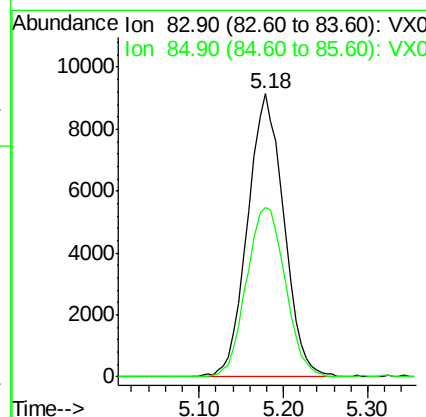
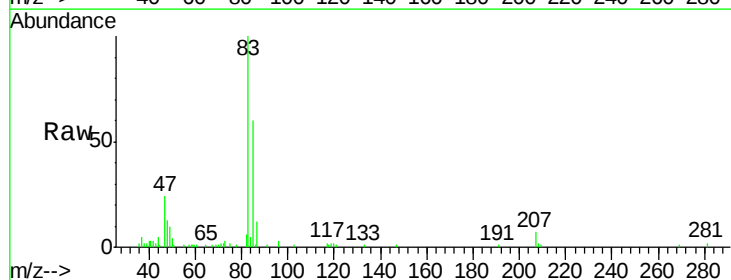
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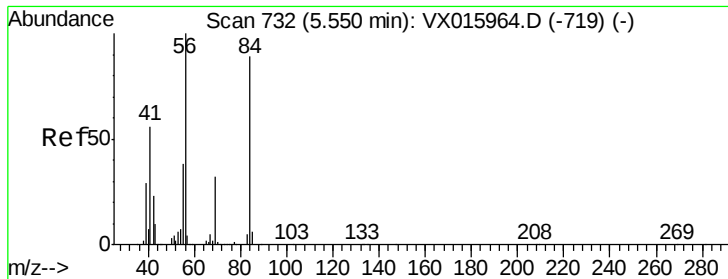
MMDadoda
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#30
Chloroform
Concen: 5.116 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.0	51.0	76.4





#31

Cyclohexane

Concen: 5.082 ug/l

RT: 5.56 min Scan# 733

Delta R.T. 0.01 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

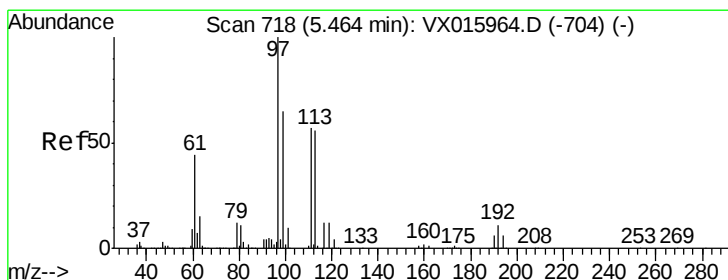
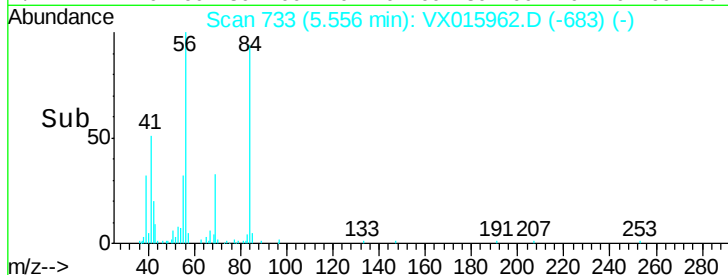
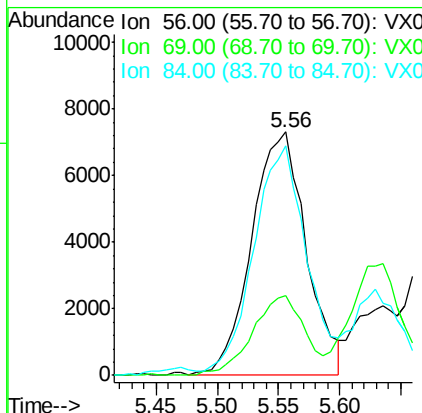
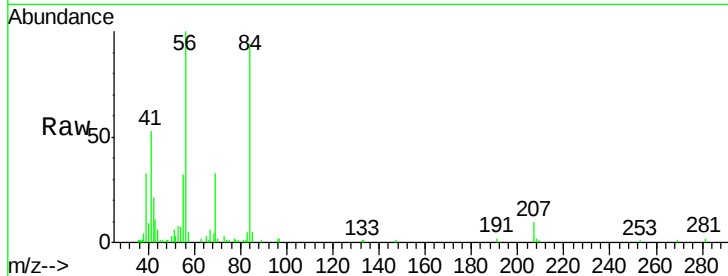
ClientSampleId :

VSTDIC005

Tot Ion:	56	Resp:	22723
Ion	Ratio	Lower	Upper
56	100		
69	32.7	25.4	38.2
84	91.9	71.0	106.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 5.065 ug/l

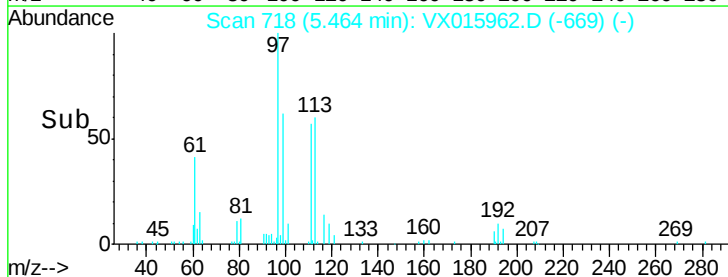
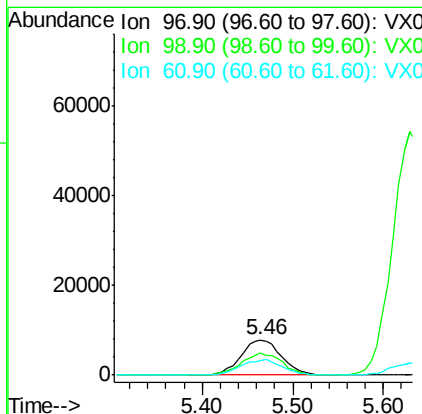
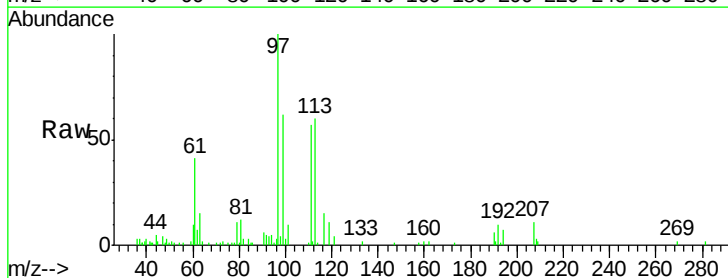
RT: 5.46 min Scan# 718

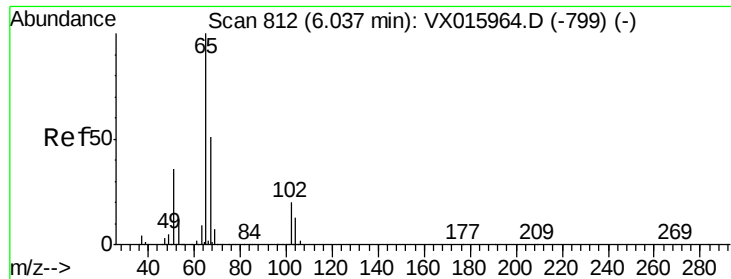
Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Tgt Ion:	97	Resp:	24356
Ion	Ratio	Lower	Upper
97	100		
99	62.5	51.4	77.0
61	44.8	35.7	53.5





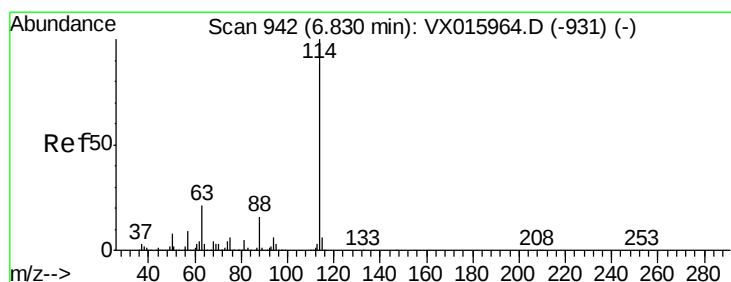
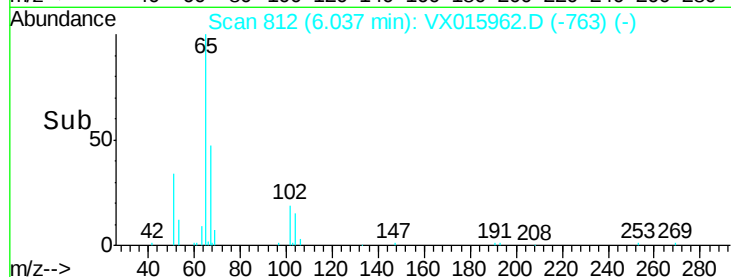
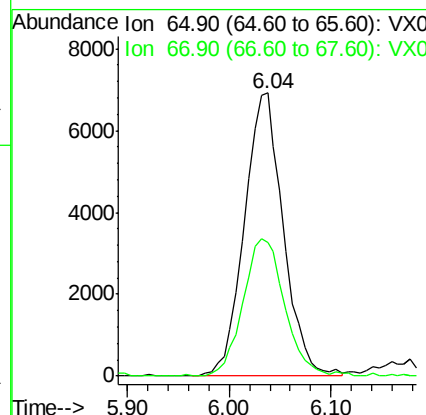
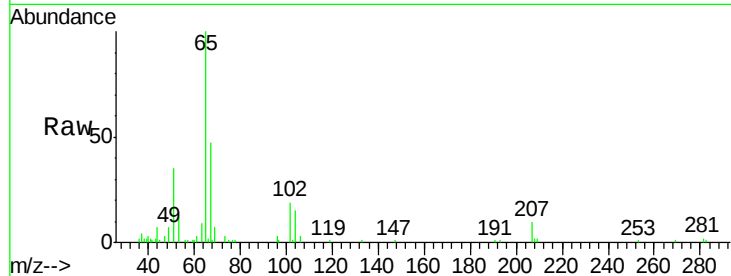
#33
 1,2-Dichloroethane-d4
 Concen: 5.271 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: VX015962.D
 Acq: 28 Apr 2020 15:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	102.4

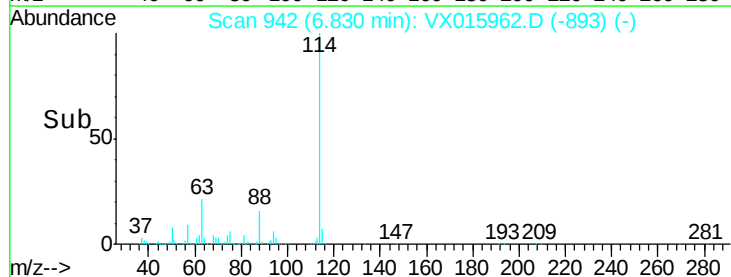
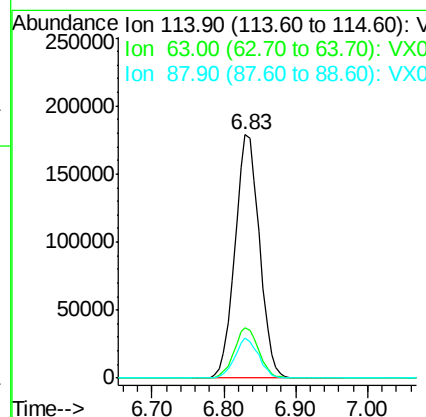
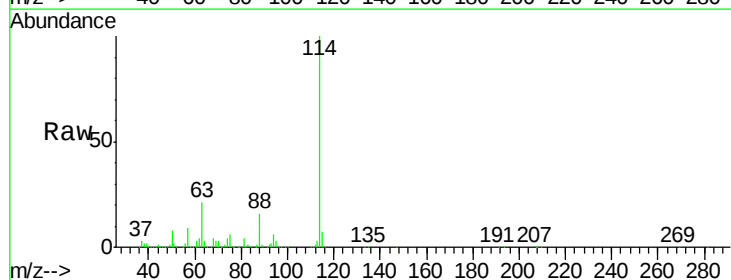
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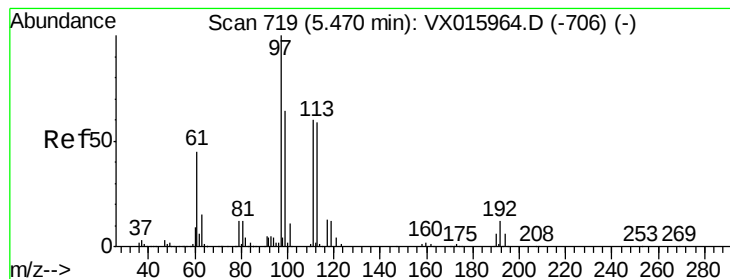
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 4/30/2020 2:59:41 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX015962.D
 Acq: 28 Apr 2020 15:24

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.8	0.0	41.2
88	16.4	0.0	31.8





#35

Dibromofluoromethane

Concen: 5.119 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

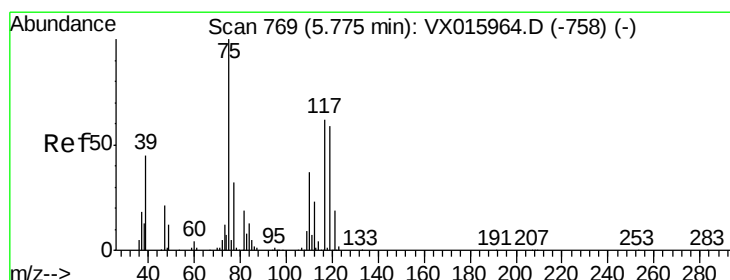
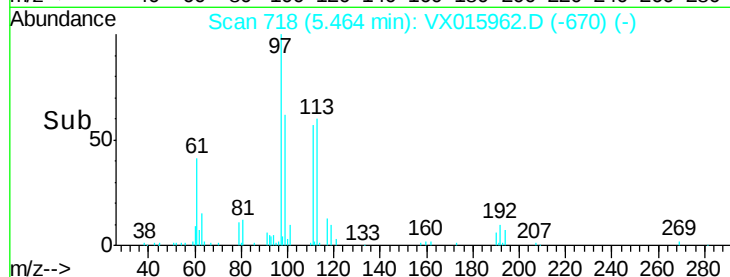
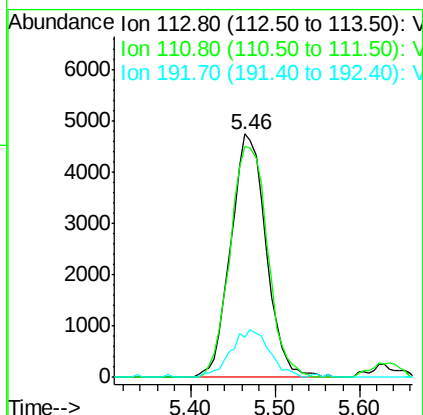
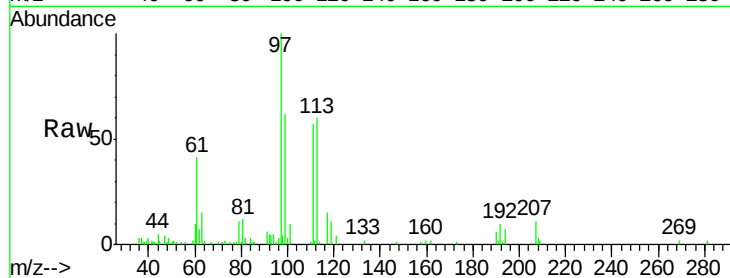
ClientSampleId :

VSTDIC005

Tot Ion:	113	Resp:	13500
Ion Ratio	Lower	Upper	
113	100		
111	100.9	81.8	122.8
192	21.4	16.8	25.2

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 5.013 ug/l

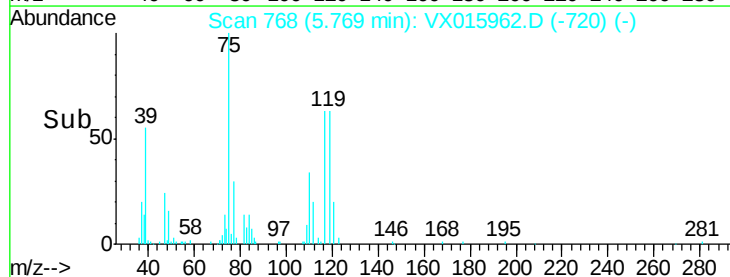
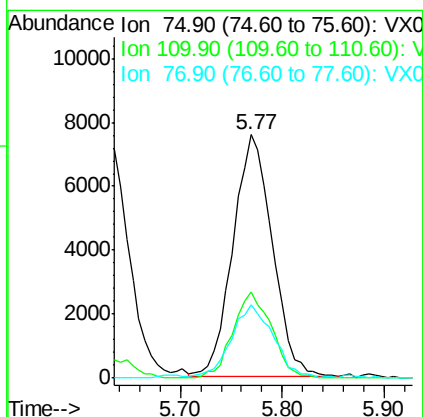
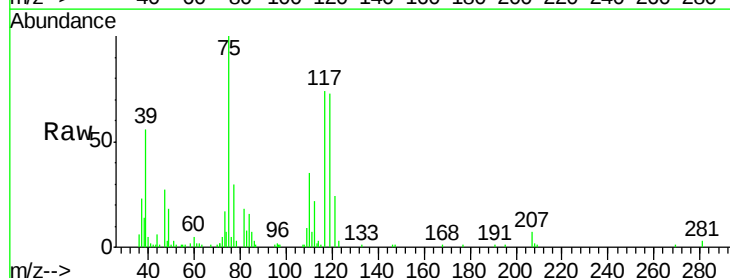
RT: 5.77 min Scan# 768

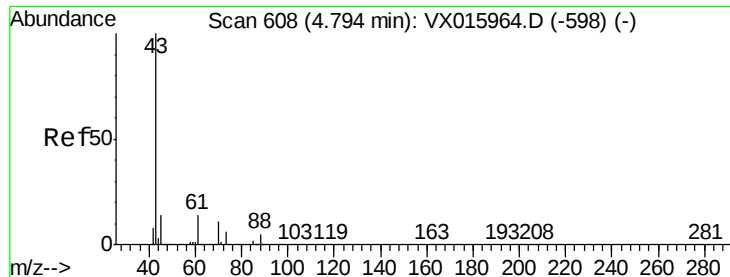
Delta R.T. -0.01 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Tgt Ion:	75	Resp:	20187
Ion Ratio	Lower	Upper	
75	100		
110	35.1	17.9	53.7
77	32.4	25.2	37.8





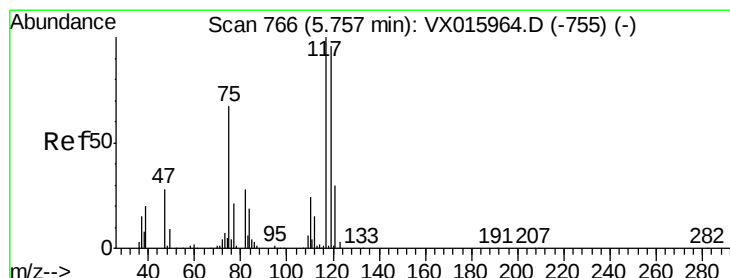
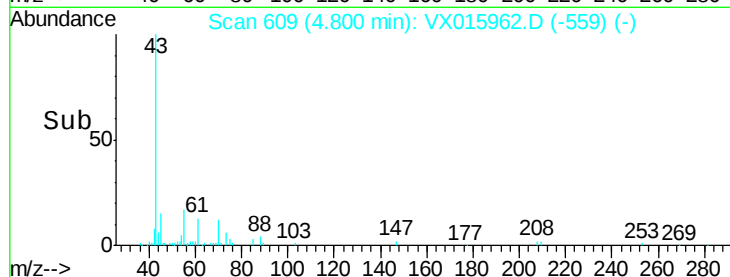
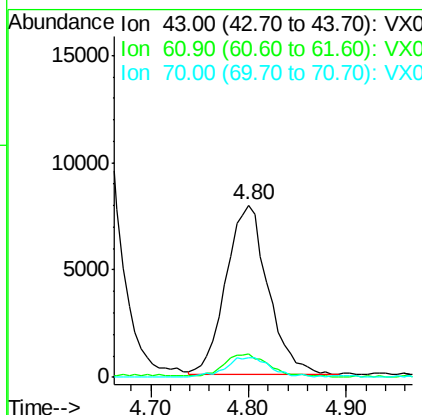
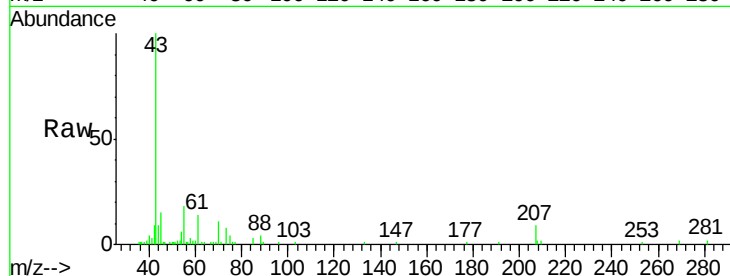
#37
Ethyl Acetate
Concen: 5.087 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.3	11.6	17.4
70	12.2	8.9	13.3

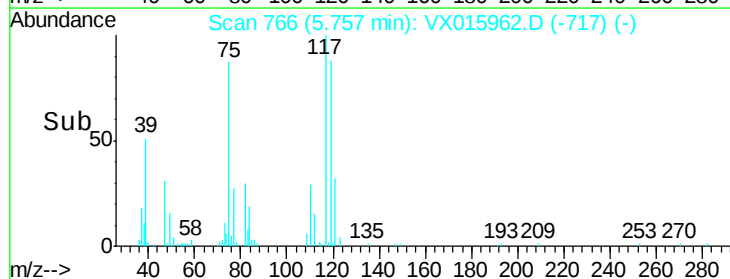
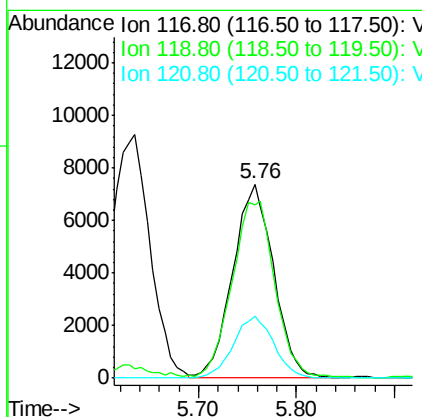
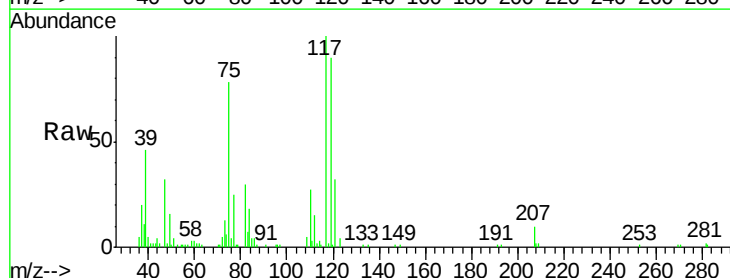
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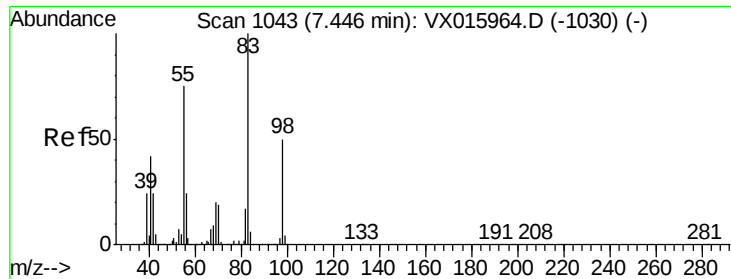
MMDadoda
4/30/2020 2:59:41 PM



#38
Carbon Tetrachloride
Concen: 5.021 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	88.8	76.2	114.4
121	32.0	24.2	36.4





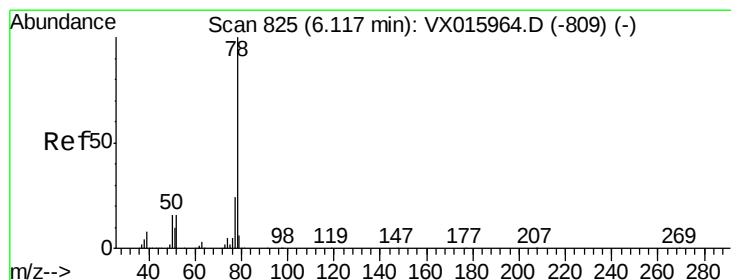
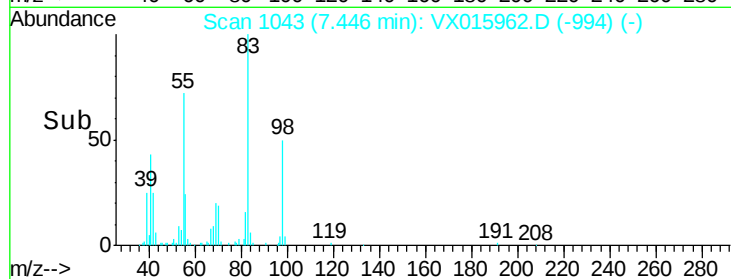
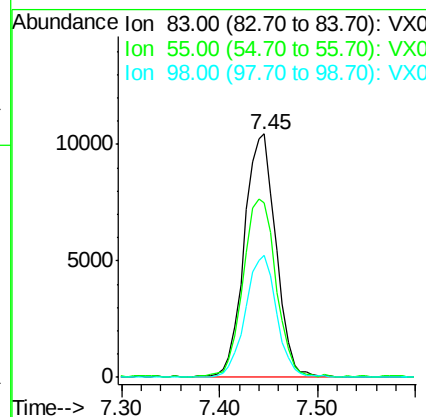
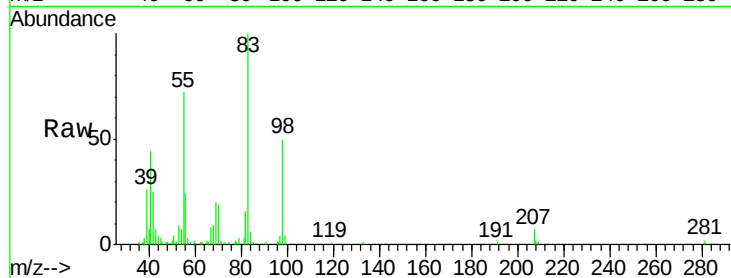
#39
Methvlcvclohexane
Concen: 5.039 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.6	59.9	89.9
98	50.1	39.9	59.9

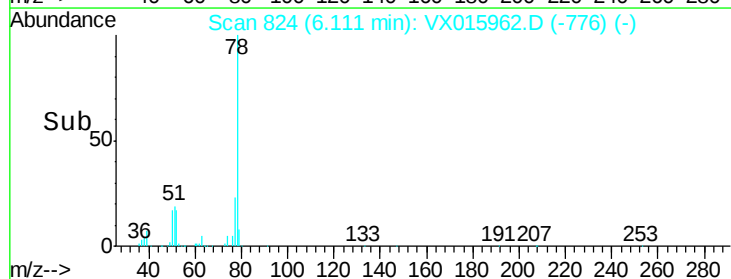
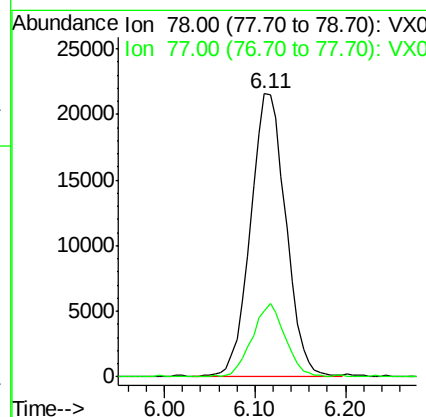
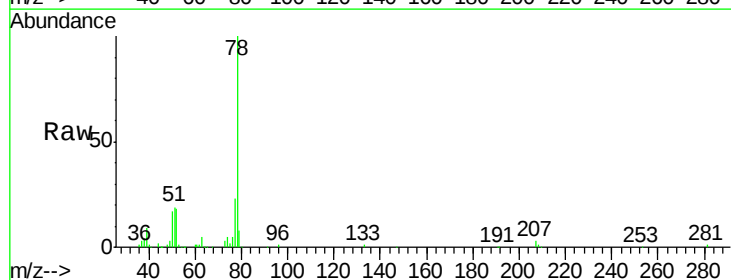
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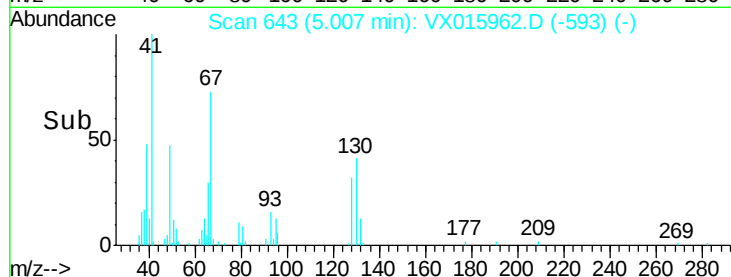
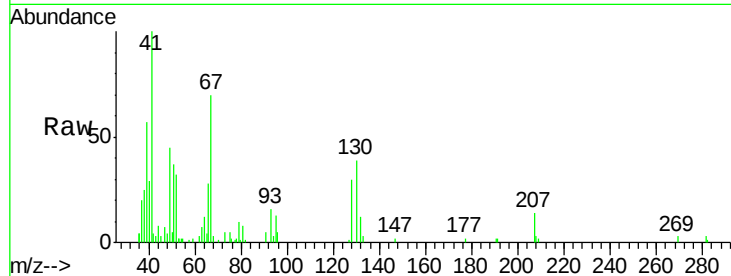
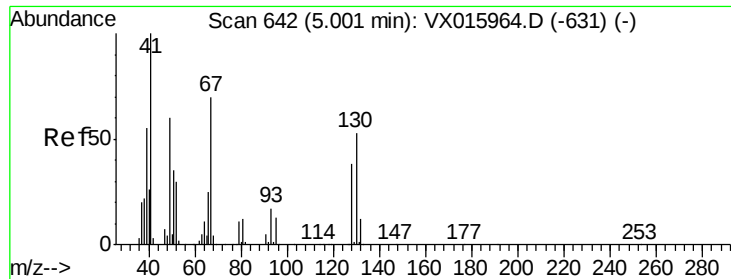
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#40
Benzene
Concen: 5.079 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2





#41

Methacrylonitrile

Concen: 4.748 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.01 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Tot Ion:	41	Resp:	11734
Ion	Ratio	Lower	Upper
41	100		
39	55.2	45.2	67.8
67	77.4	59.4	89.2
52	37.0	25.4	38.0

Instrument :

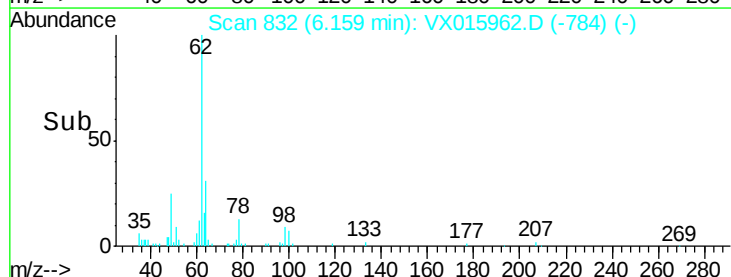
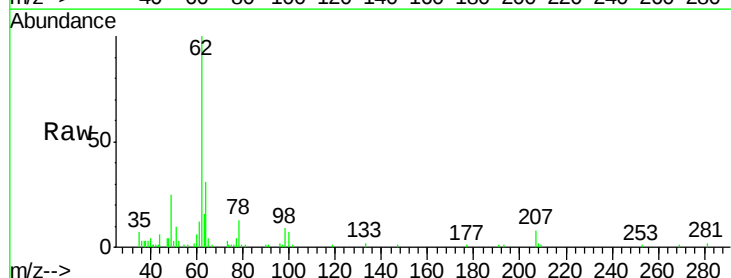
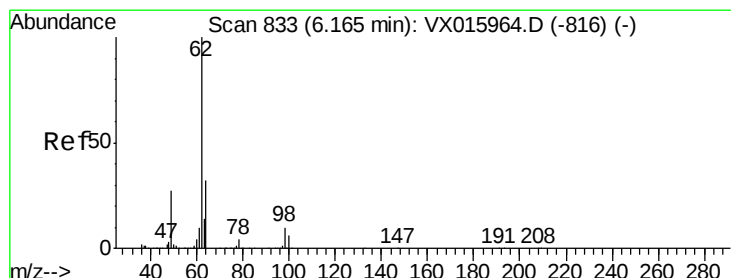
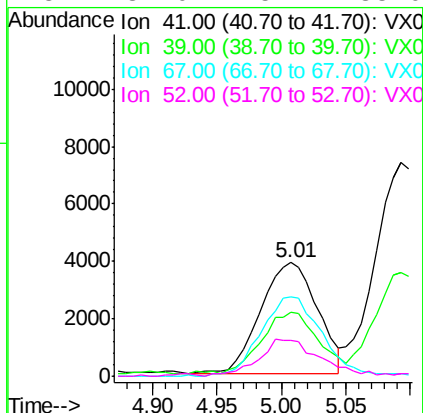
MSVOA_X

ClientSampleId :

VSTDIC005

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 5.118 ug/l

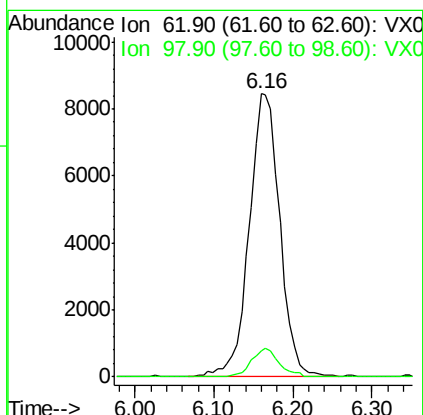
RT: 6.16 min Scan# 832

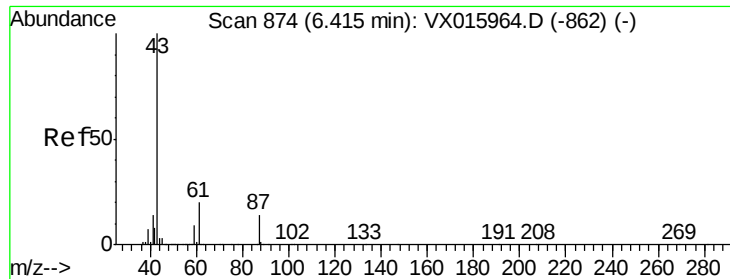
Delta R.T. -0.01 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Tgt Ion:	62	Resp:	22783
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.4





#43

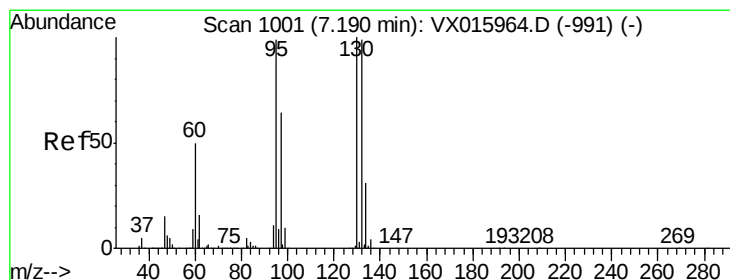
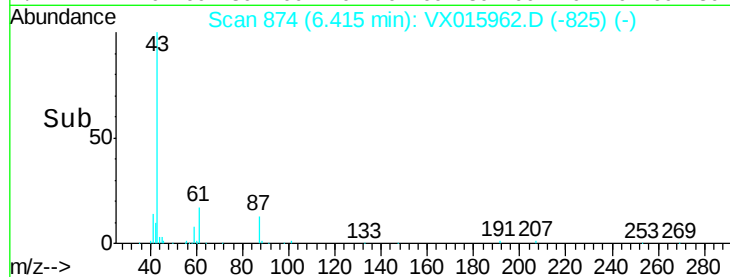
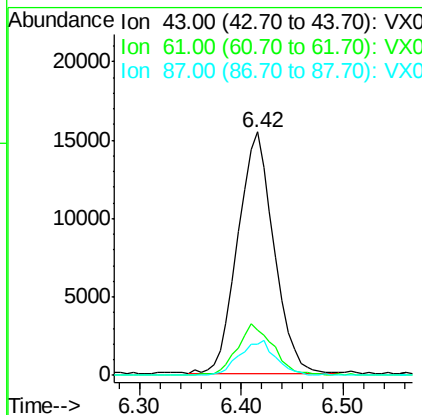
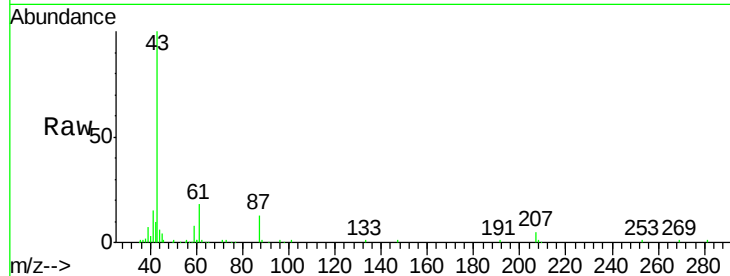
Isopropyl Acetate
 Concen: 4.966 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX015962.D
 Acq: 28 Apr 2020 15:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.2	16.1	24.1
87	14.4	10.9	16.3

Manual Integrations
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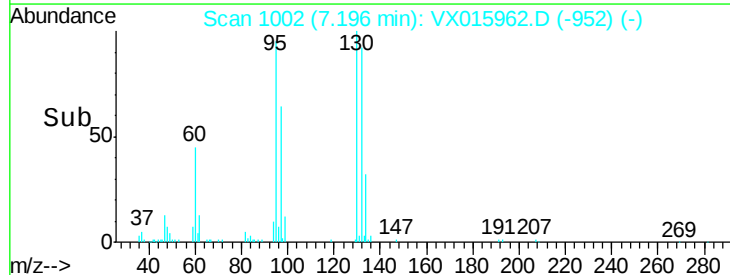
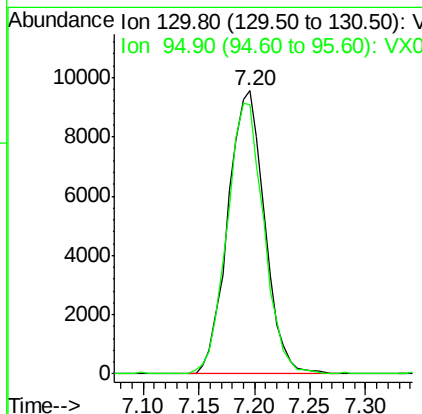
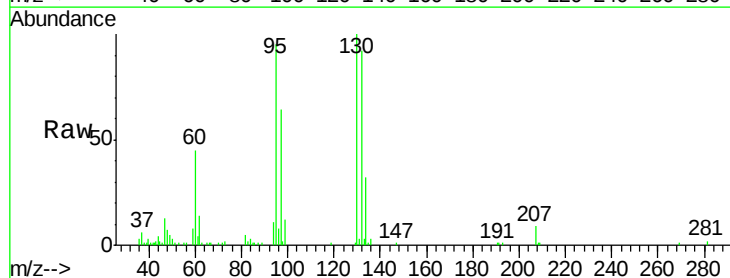
MMDadoda
 4/30/2020 2:59:41 PM

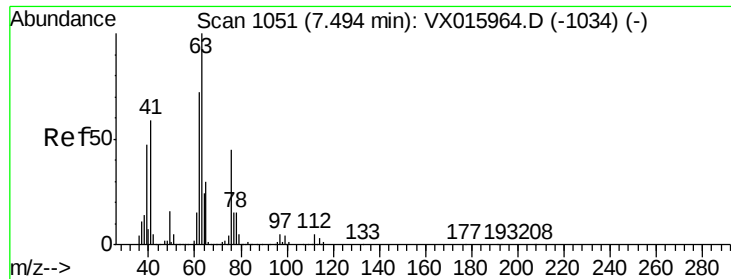


#44

Trichloroethene
 Concen: 5.270 ug/l
 RT: 7.20 min Scan# 1002
 Delta R.T. 0.01 min
 Lab File: VX015962.D
 Acq: 28 Apr 2020 15:24

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	197.4





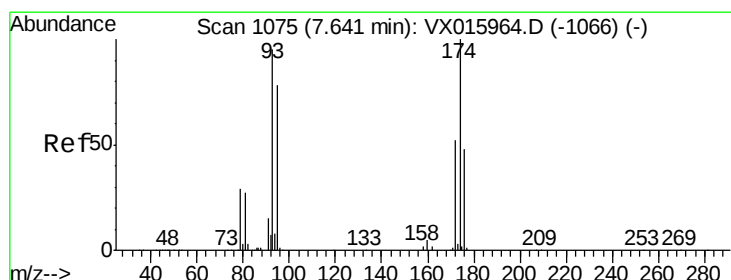
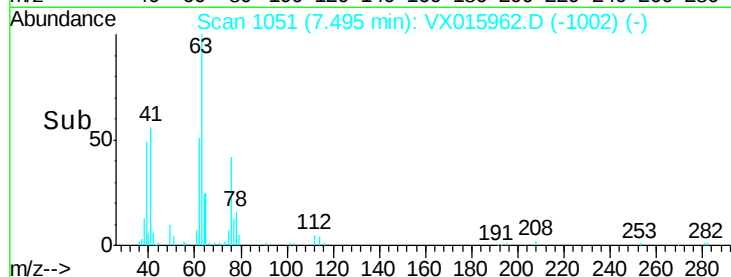
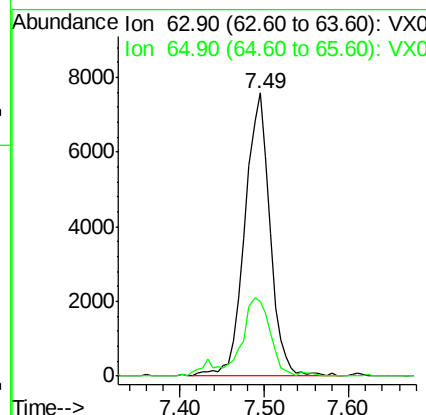
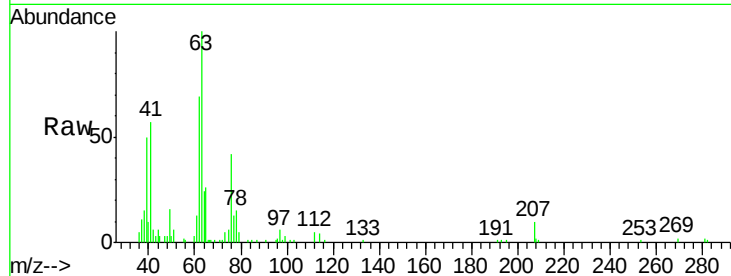
#45
 1,2-Dichloropropane
 Concen: 5.134 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VX015962.D
 Acq: 28 Apr 2020 15:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
63	100		
65	26.4	24.3	36.5

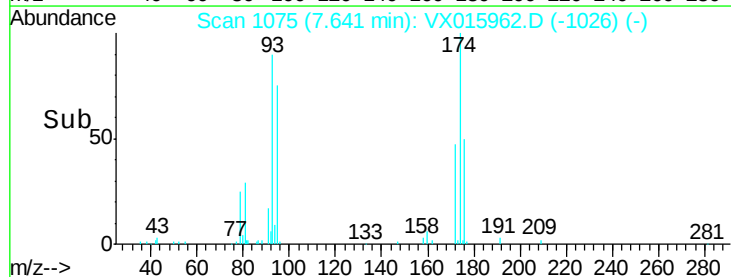
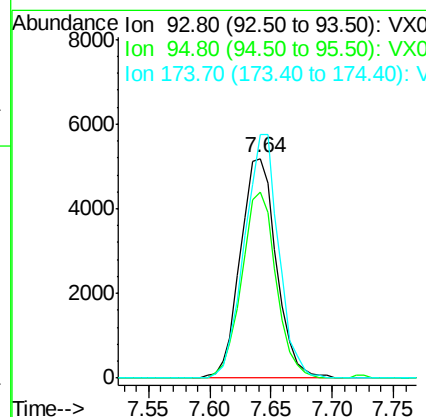
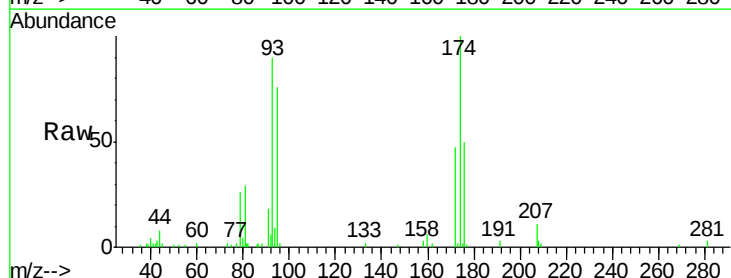
Manual Integrations
 APPROVED

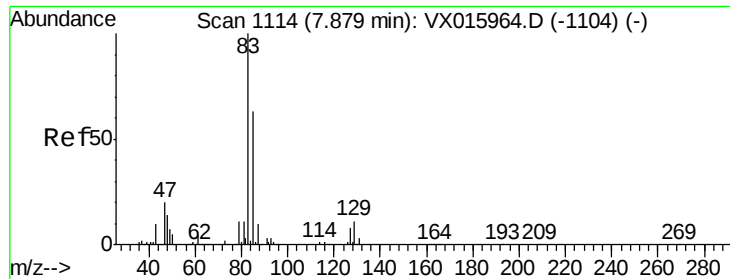
MMDadoda
 4/30/2020 2:59:41 PM



#46
 Dibromomethane
 Concen: 5.015 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX015962.D
 Acq: 28 Apr 2020 15:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	80.8	65.5	98.3
174	105.8	82.7	124.1





#47

Bromodichloromethane

Concen: 4.937 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

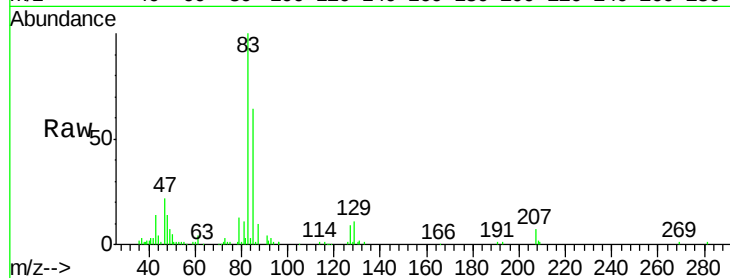
ClientSampleId :

VSTDIC005

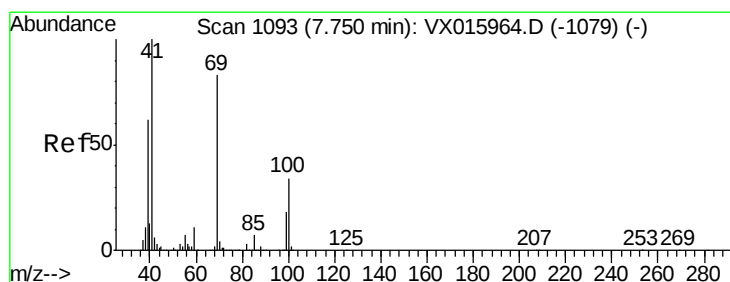
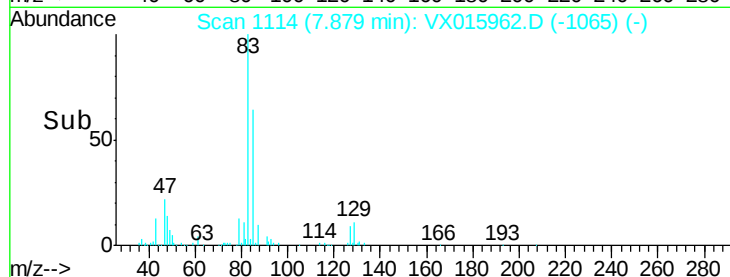
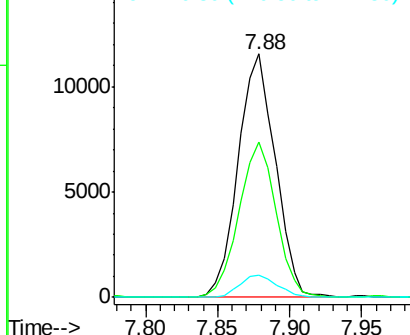
Tot Ion:	83	Resp:	20699
Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.6	75.8
127	9.3	6.7	10.1

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 5.008 ug/l

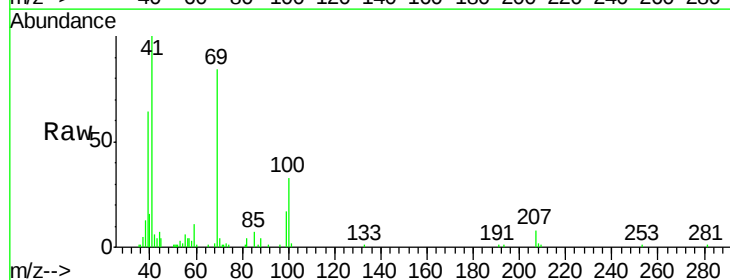
RT: 7.75 min Scan# 1093

Delta R.T. 0.00 min

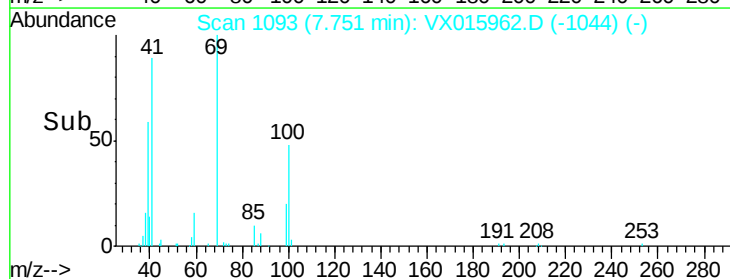
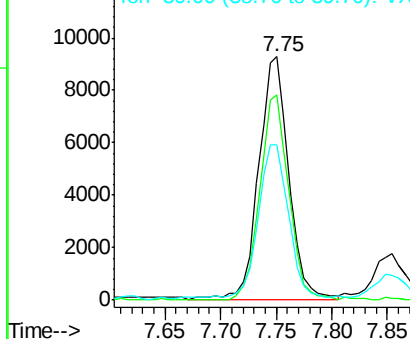
Lab File: VX015962.D

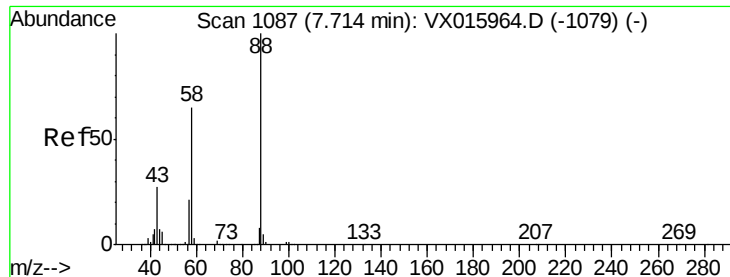
Acq: 28 Apr 2020 15:24

Tgt Ion:	41	Resp:	17680
Ion	Ratio	Lower	Upper
41	100		
69	80.1	66.0	99.0
39	61.9	49.0	73.4



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





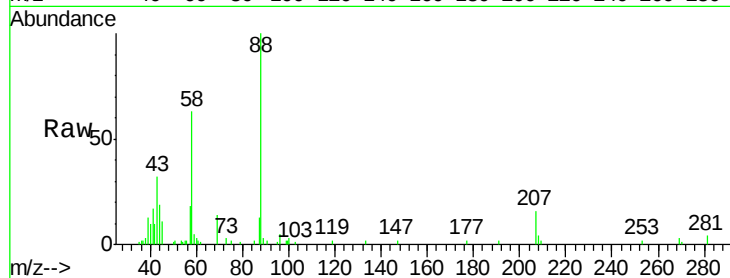
#49
1,4-Dioxane
Concen: 100.245 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ion	Ratio	Resp	Lower	Upper
88	88	100	8325		
43	43	34.8		26.6	39.8
58	58	68.3		54.8	82.2

Manual Integrations
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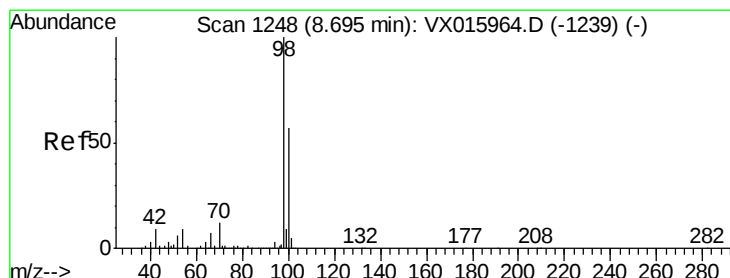
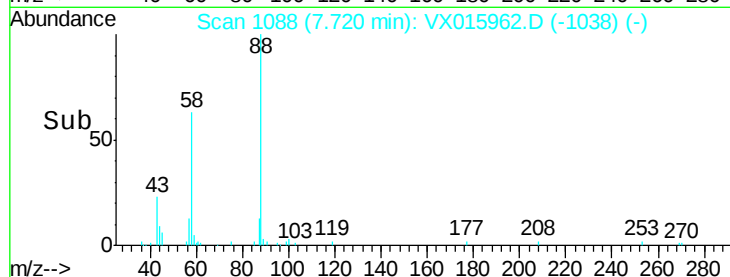
Abundance

Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

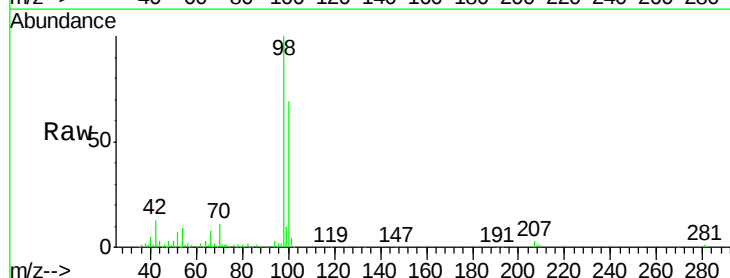
Ion 58.00 (57.70 to 58.70): VX0

Time-->



#50
Toluene-d8
Concen: 4.994 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
98	98	100	49241		
100	100	66.6		53.1	79.7

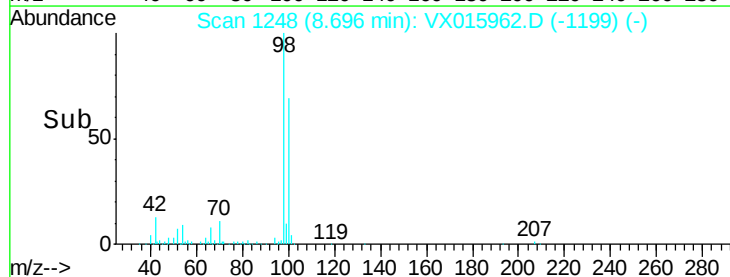


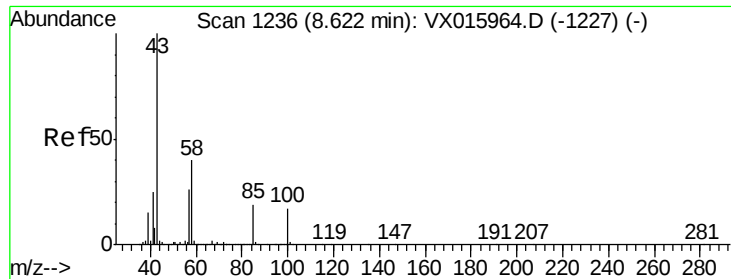
Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

Time-->





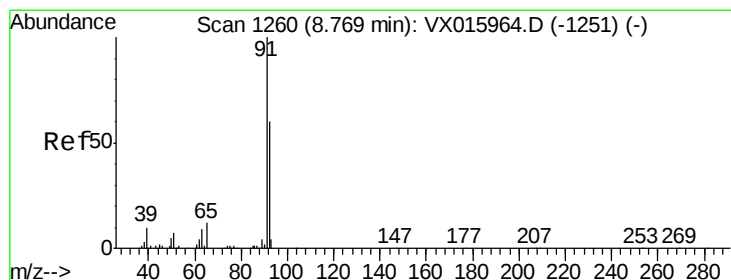
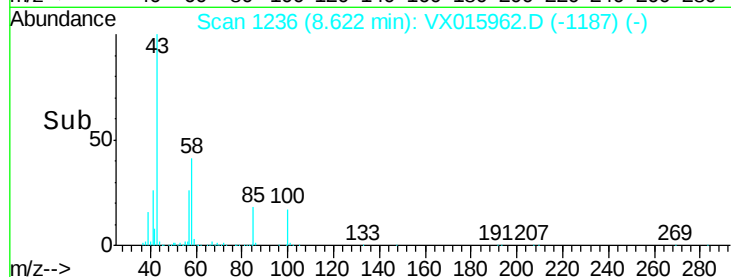
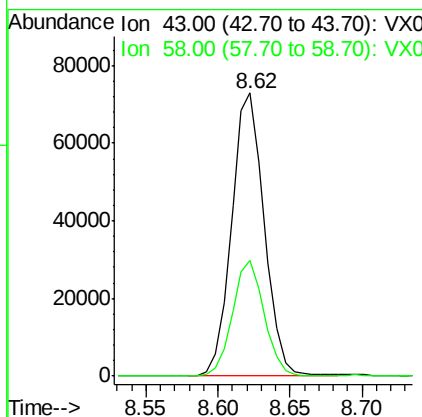
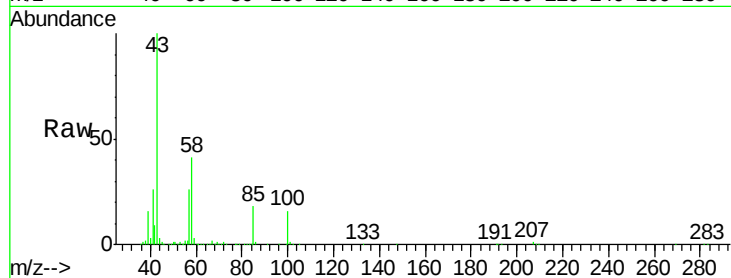
#51
4-Methyl-2-Pentanone
Concen: 24.642 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.0	32.0	48.0

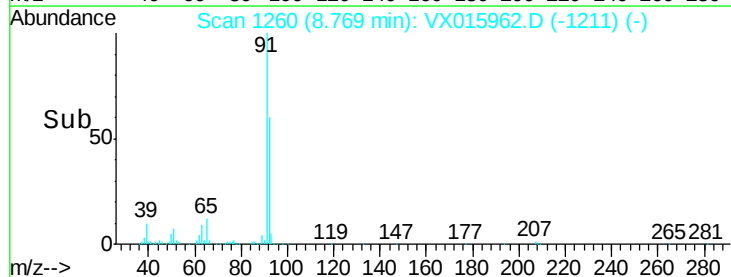
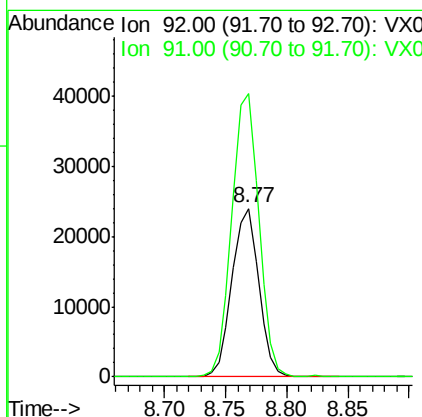
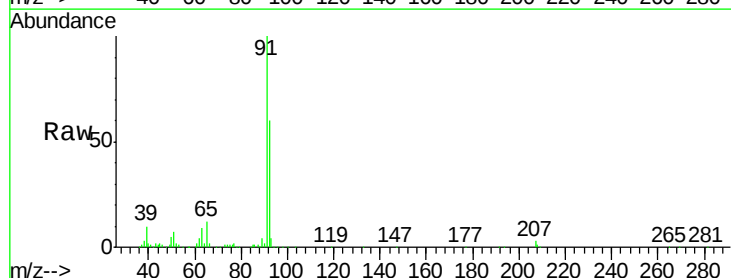
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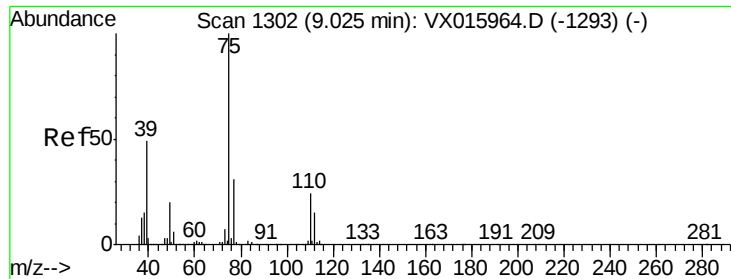
MMDadoda
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#52
Toluene
Concen: 4.995 ug/l
RT: 8.77 min Scan# 1260
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.1	134.6	202.0





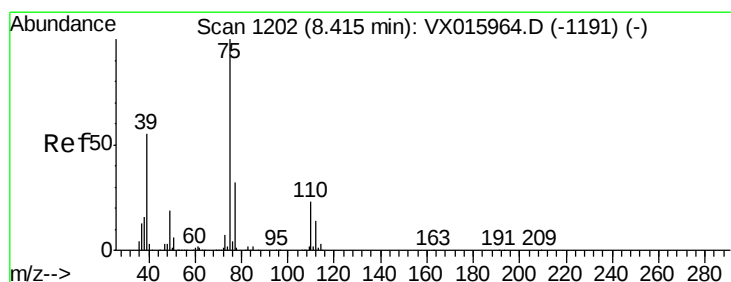
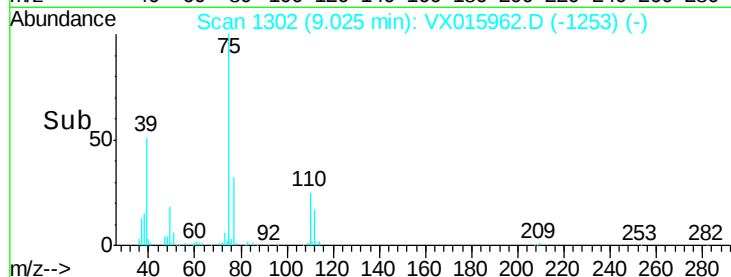
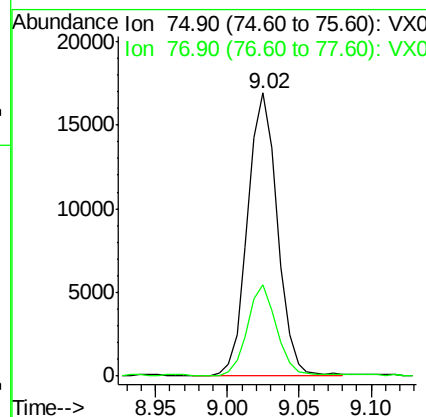
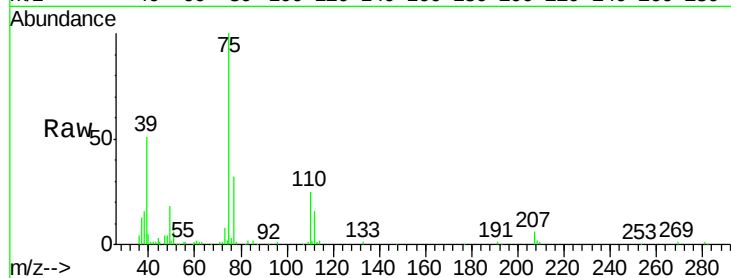
#53
t-1,3-Dichloropropene
Concen: 4.885 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.3	24.9	37.3

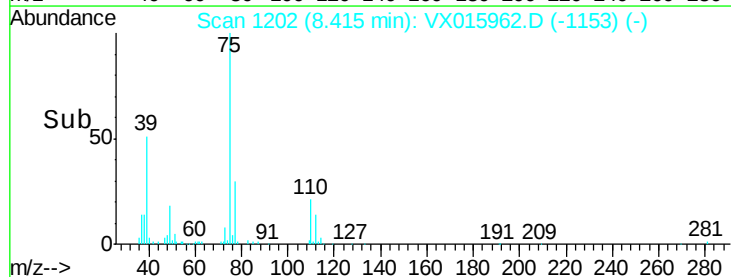
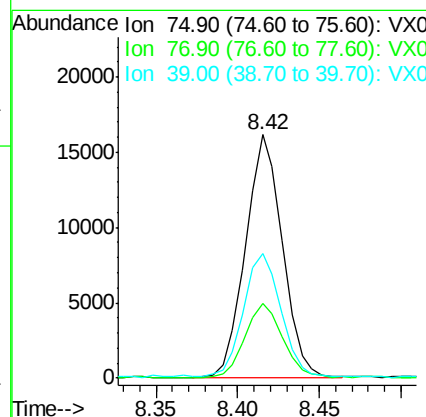
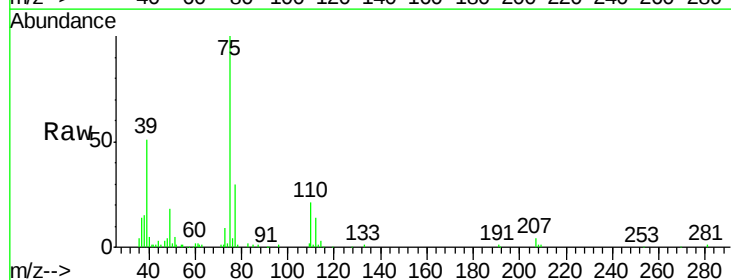
Manual Integrations
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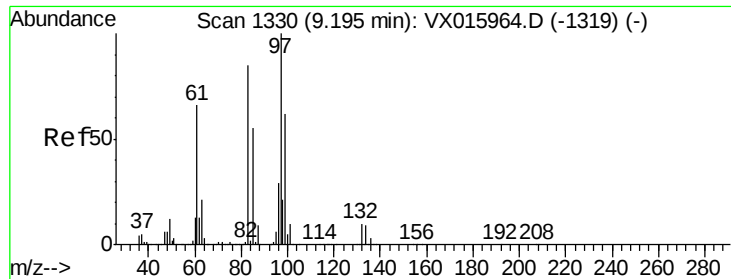
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#54
cis-1,3-Dichloropropene
Concen: 5.002 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.2	25.4	38.0
39	50.5	44.1	66.1





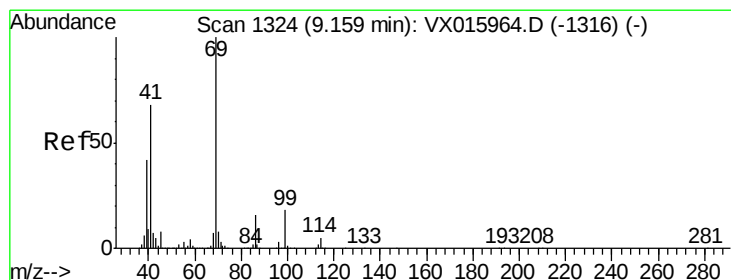
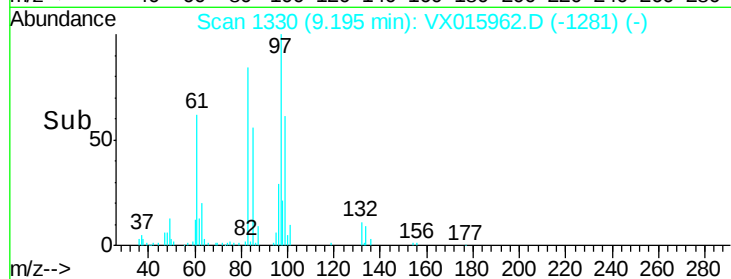
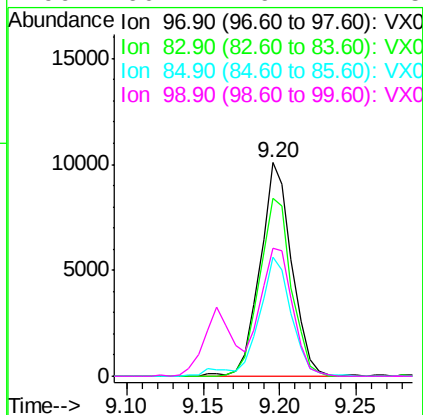
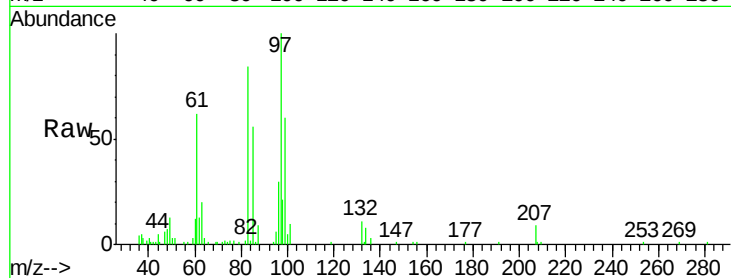
#55
 1,1,2-Trichloroethane
 Concen: 4.994 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX015962.D
 Acq: 28 Apr 2020 15:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion:	97	Resp:	14555
Ion	Ratio	Lower	Upper
97	100		
83	83.6	68.2	102.2
85	55.5	43.7	65.5
99	60.2	49.7	74.5

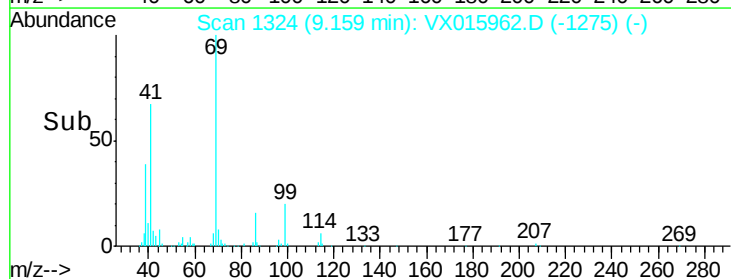
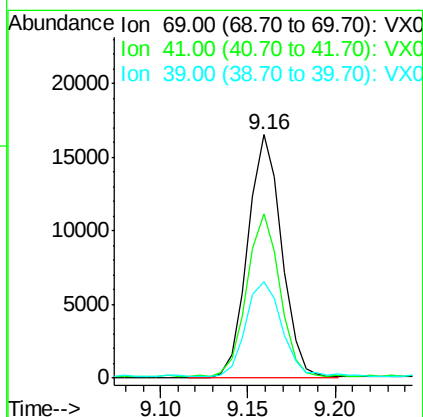
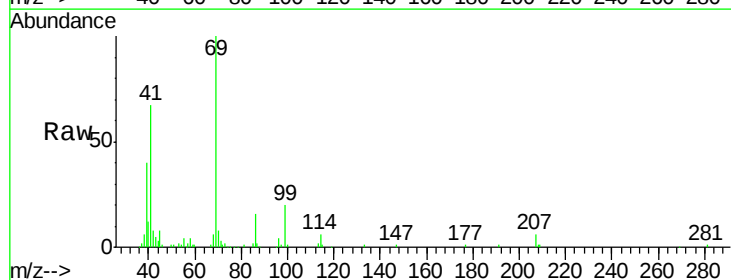
Manual Integrations
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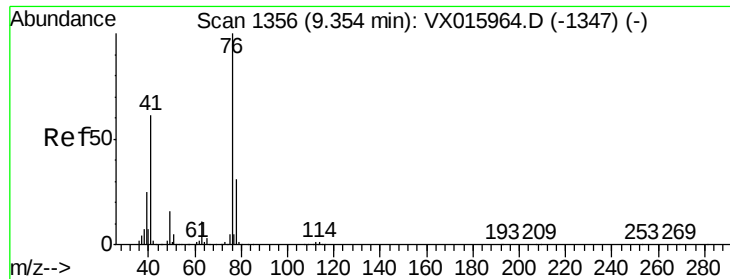
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#56
 Ethyl methacrylate
 Concen: 4.722 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX015962.D
 Acq: 28 Apr 2020 15:24

Tgt Ion:	69	Resp:	22378
Ion	Ratio	Lower	Upper
69	100		
41	64.8	53.5	80.3
39	42.3	33.4	50.0





#57

1,3-Dichloropropane

Concen: 5.002 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 76 Resp: 25049

Ion Ratio Lower Upper

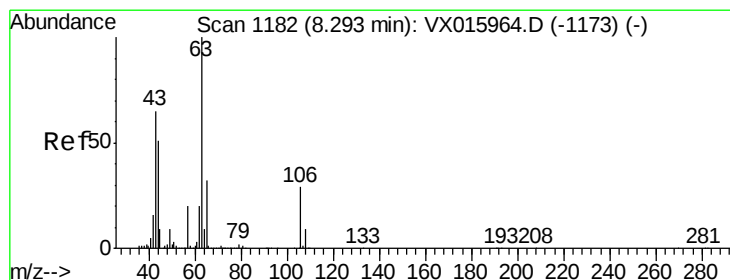
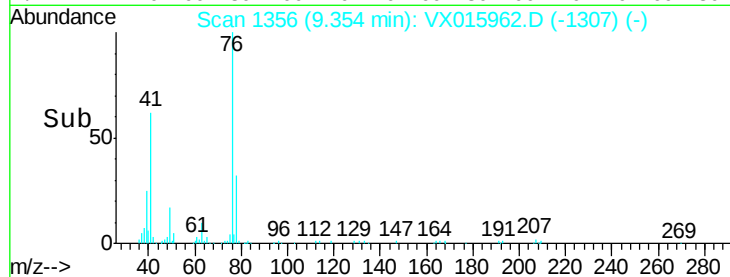
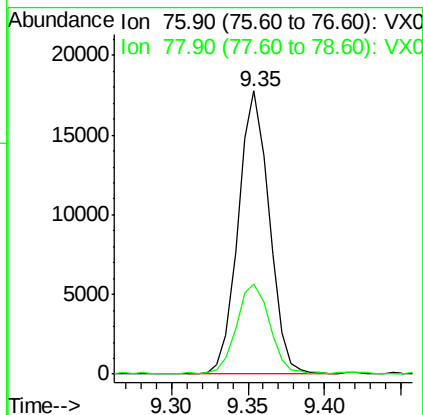
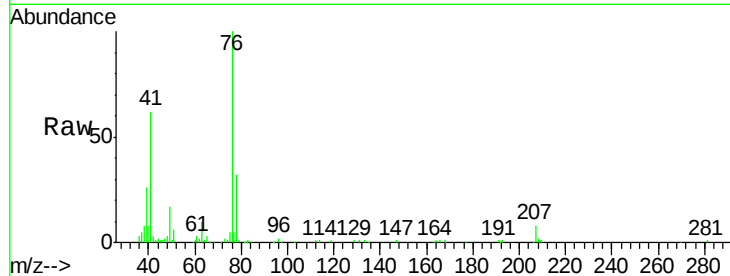
76 100

78 34.9 25.5 38.3

Manual Integrations
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4/30/2020 2:59:41 PM



#58

2-Chloroethyl Vinyl ether

Concen: 23.538 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX015962.D

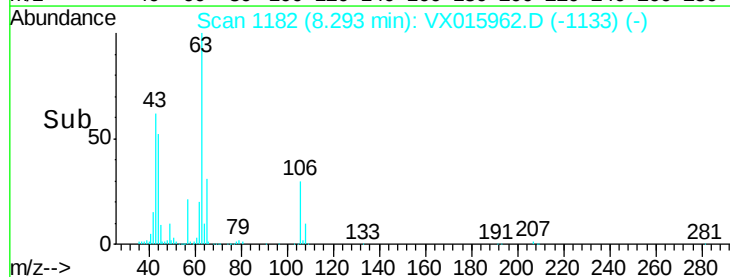
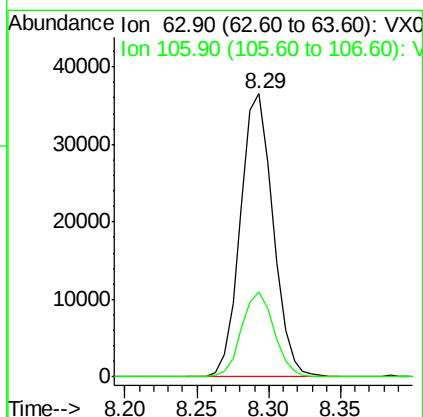
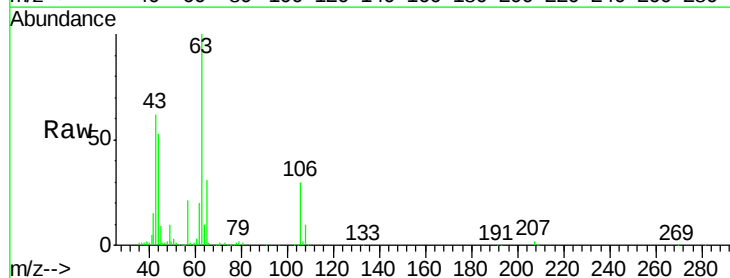
Acq: 28 Apr 2020 15:24

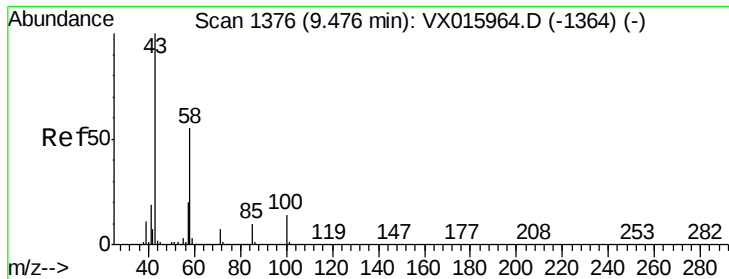
Tgt Ion: 63 Resp: 57644

Ion Ratio Lower Upper

63 100

106 29.9 23.6 35.4





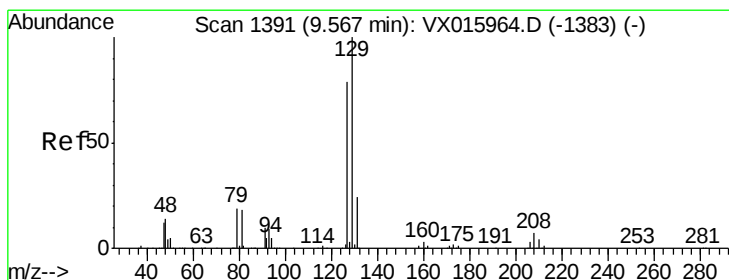
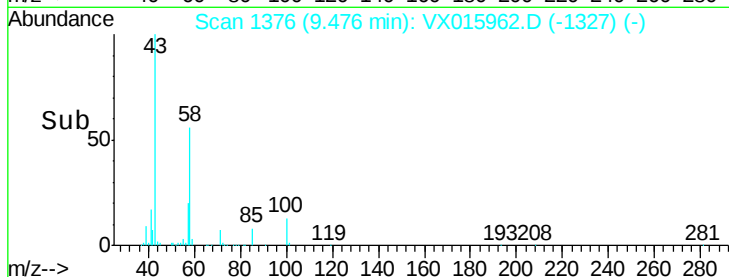
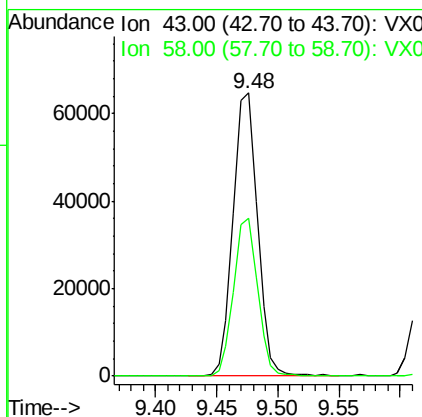
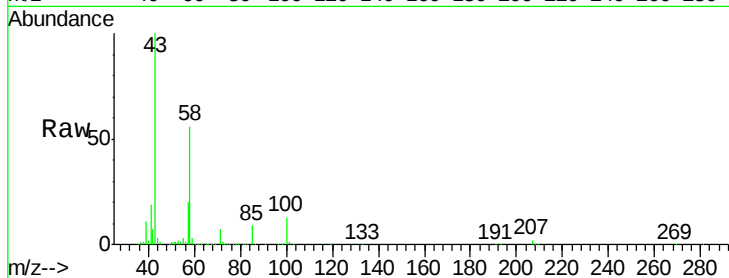
#59
2-Hexanone
Concen: 24.566 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 43 Resp: 89039
Ion Ratio Lower Upper
43 100
58 55.2 27.7 83.1

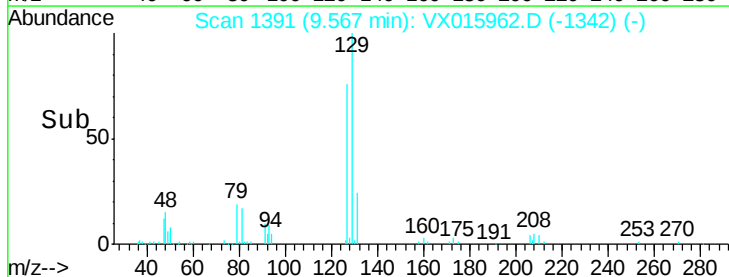
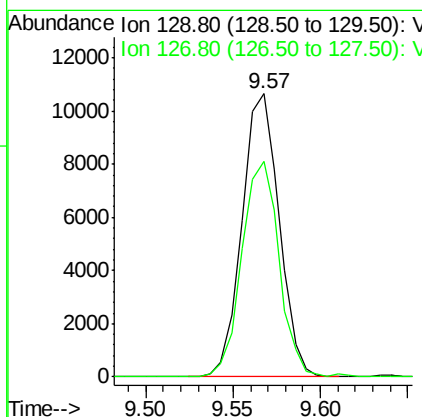
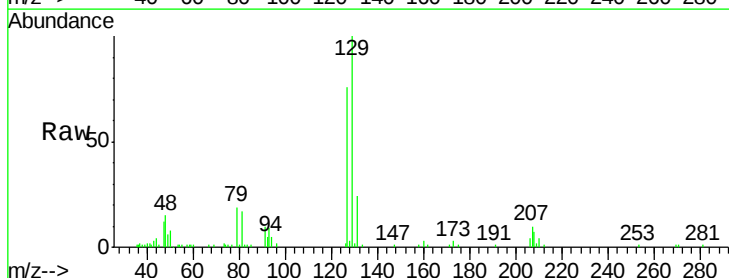
Manual Integrations
APPROVED

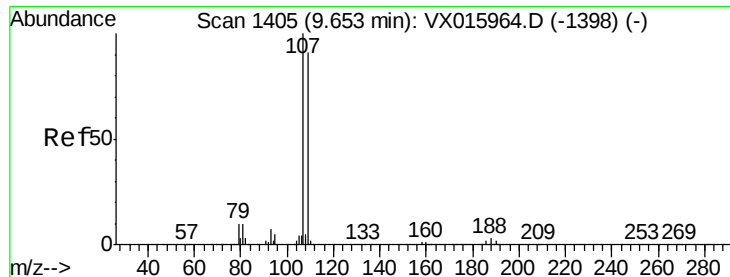
MMDadoda
4/30/2020 2:59:41 PM



#60
Dibromochloromethane
Concen: 4.821 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Tgt Ion: 129 Resp: 15727
Ion Ratio Lower Upper
129 100
127 76.0 39.4 118.1





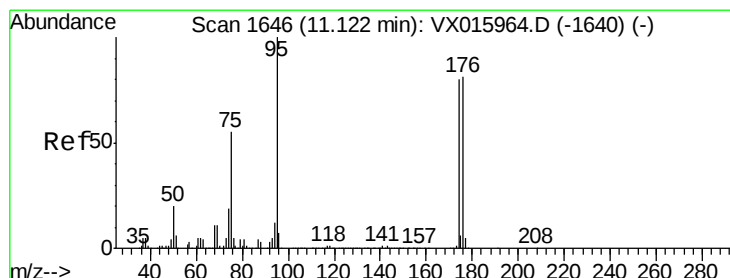
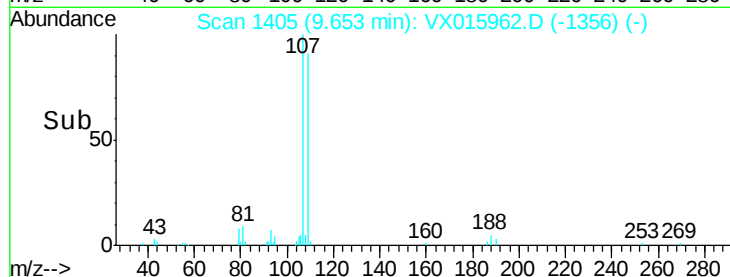
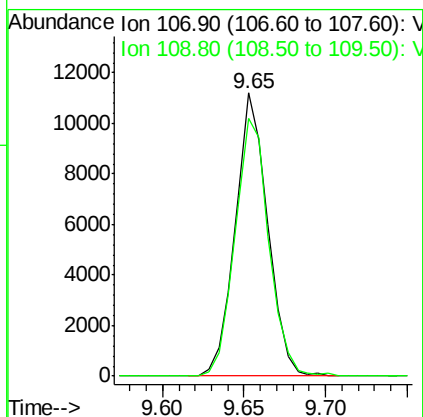
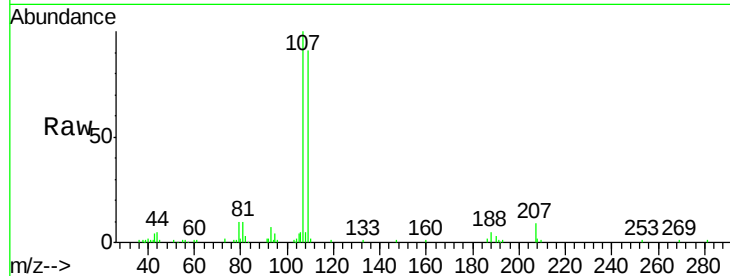
#61
 1,2-Dibromoethane
 Concen: 4.887 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX015962.D
 Acq: 28 Apr 2020 15:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.4	74.9	112.3

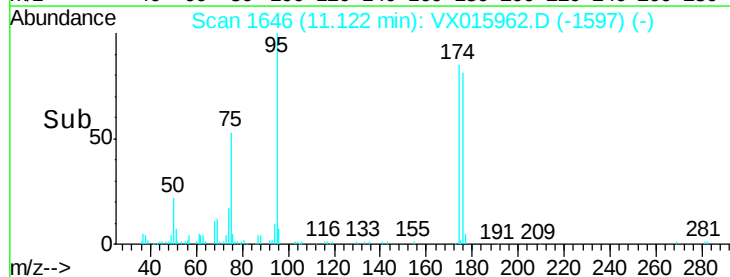
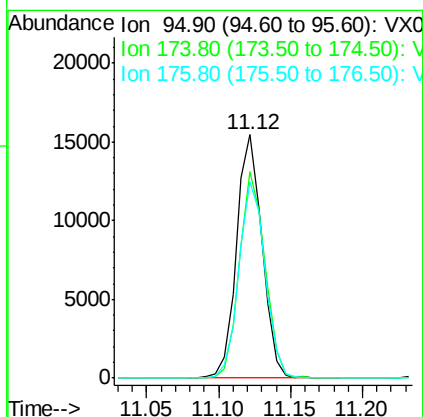
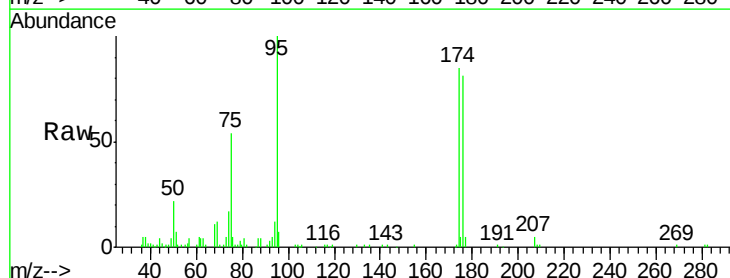
Manual Integrations
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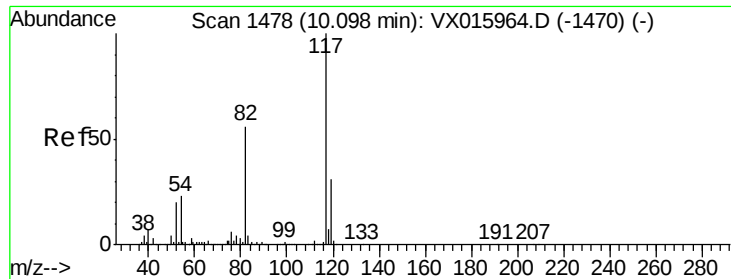
MMDadoda
 4/30/2020 2:59:41 PM



#62
 4-Bromofluorobenzene
 Concen: 4.934 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX015962.D
 Acq: 28 Apr 2020 15:24

Tgt Ion	Ratio	Lower	Upper
95	100		
174	84.5	0.0	165.0
176	82.6	0.0	163.2





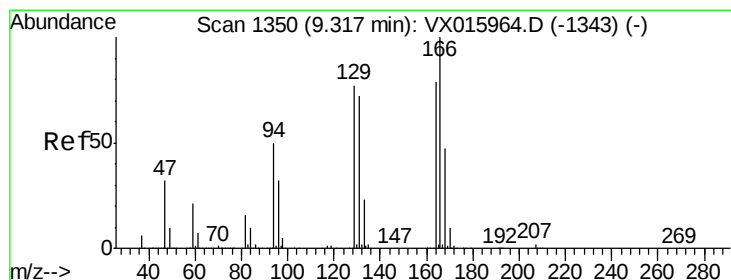
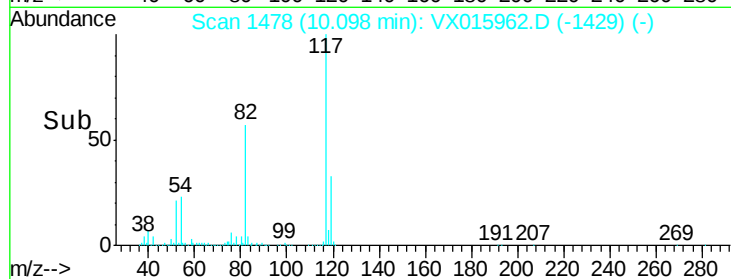
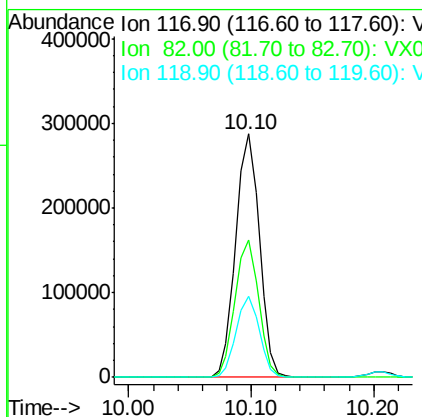
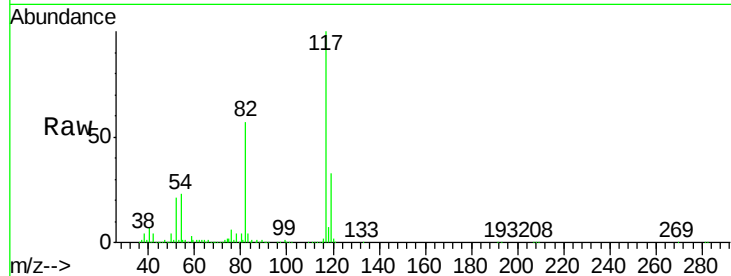
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Resp	Lower	Upper
117	100	386562		
82	56.5		44.5	66.7
119	33.1		25.0	37.6

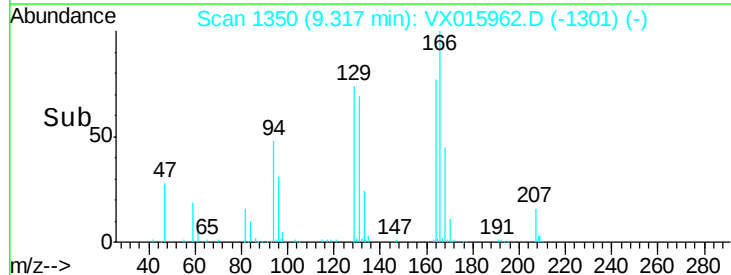
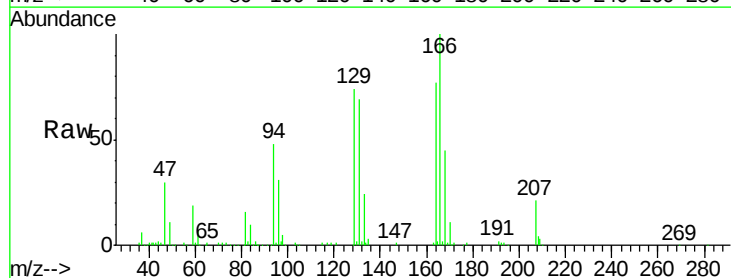
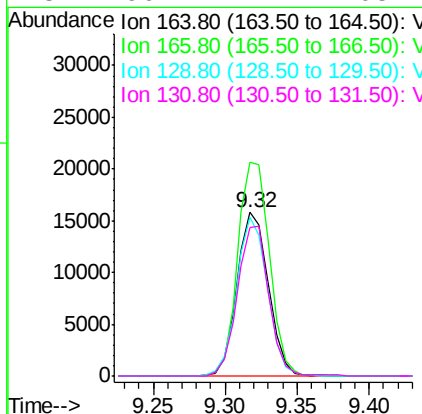
Manual Integrations
APPROVED

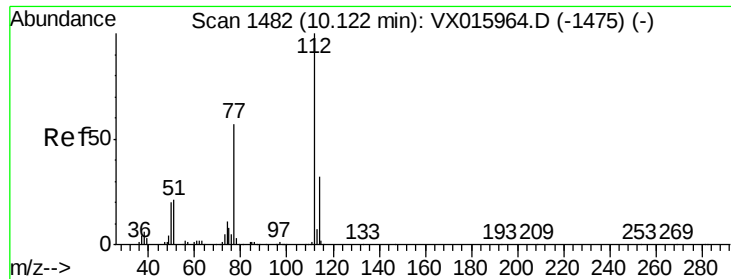
MMDadoda
4/30/2020 2:59:41 PM



#64
Tetrachloroethene
Concen: 5.230 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	23985		
166	130.7		101.0	151.4
129	97.0		77.4	116.0
131	90.7		72.2	108.2





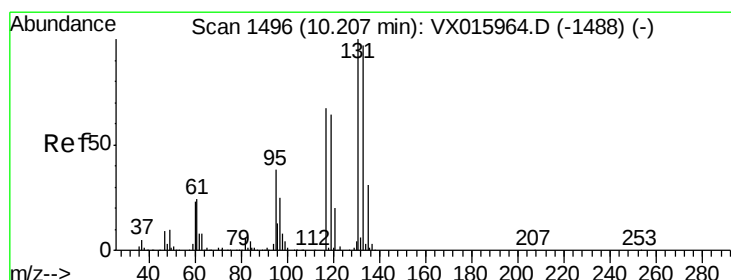
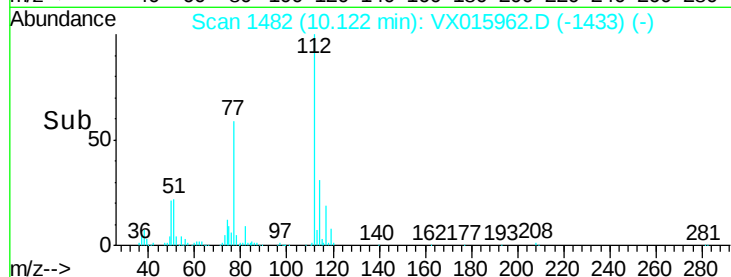
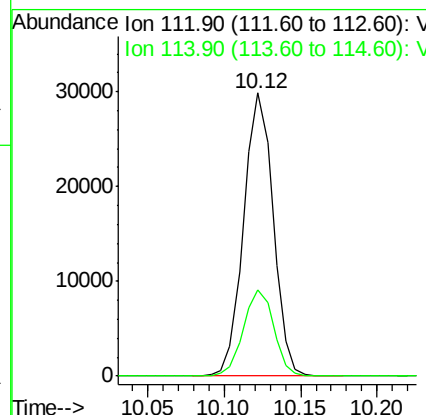
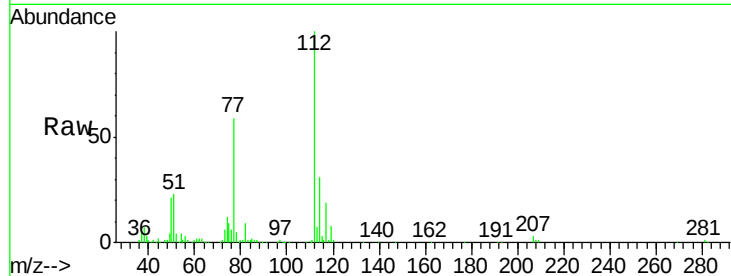
#65
Chlorobenzene
Concen: 5.090 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:112 Resp: 40072
Ion Ratio Lower Upper
112 100
114 30.6 25.4 38.0

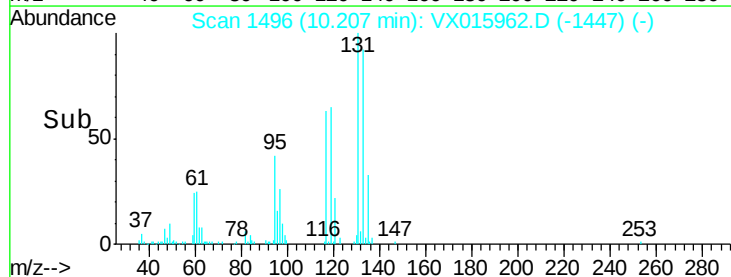
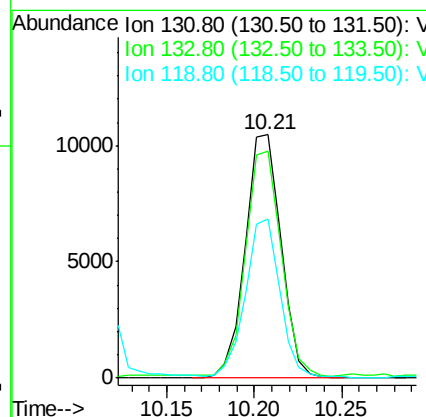
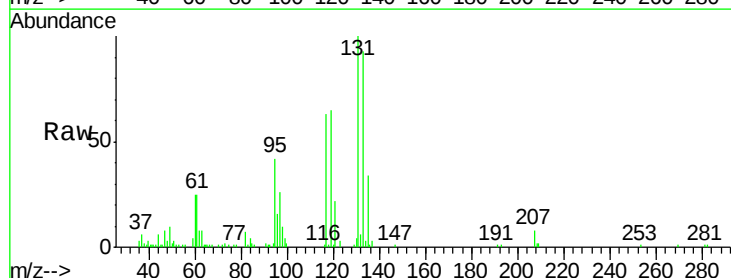
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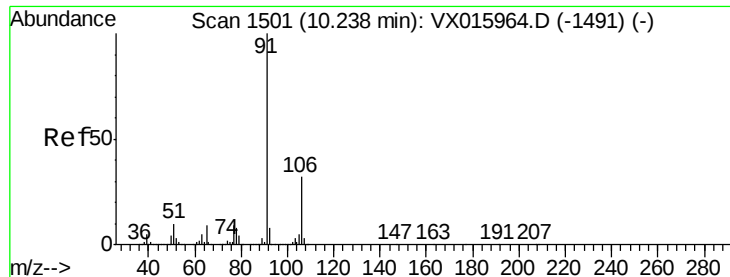
MMDadoda
4/30/2020 2:59:41 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 5.020 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Tgt Ion:131 Resp: 14938
Ion Ratio Lower Upper
131 100
133 92.4 48.3 144.8
119 63.8 31.6 94.8





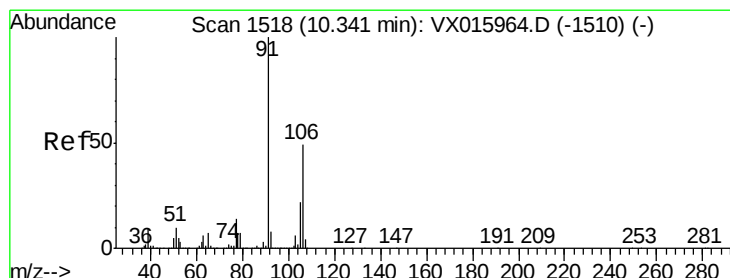
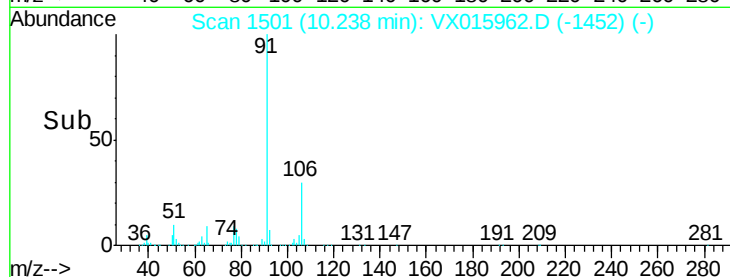
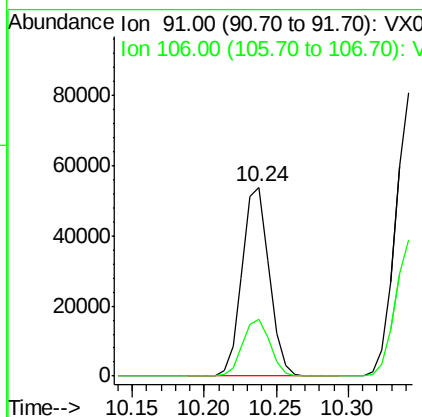
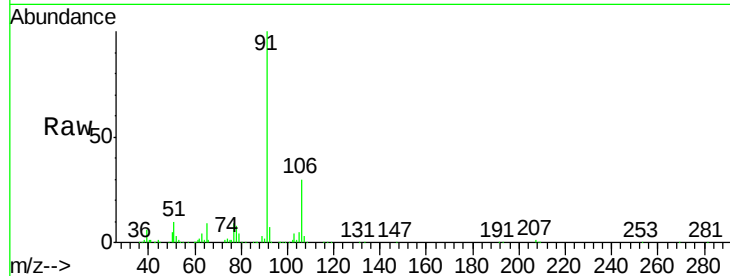
#67
Ethyl Benzene
Concen: 5.040 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 91 Resp: 70660
Ion Ratio Lower Upper
91 100
106 30.4 25.3 37.9

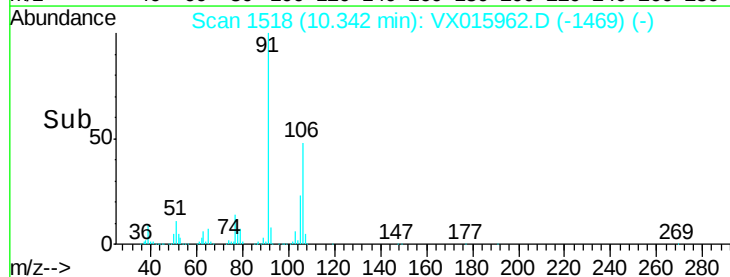
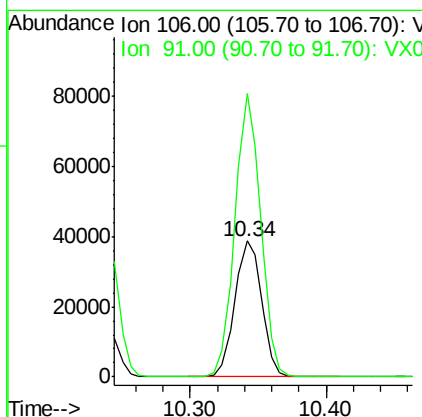
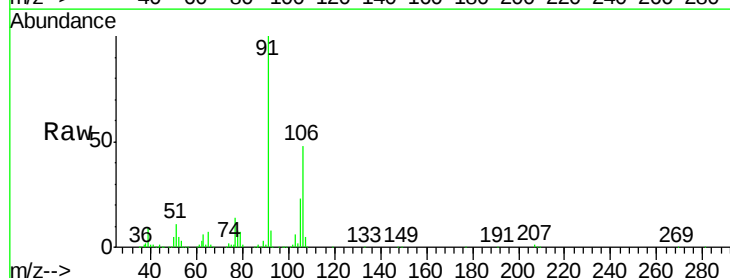
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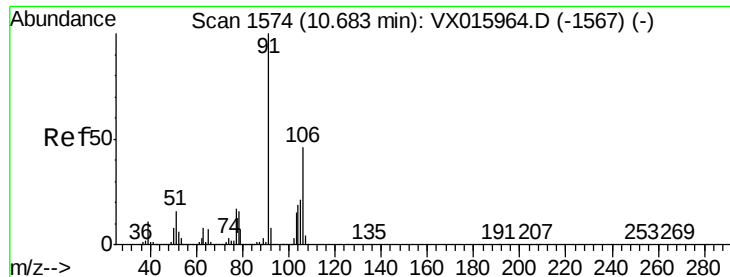
MMDadoda
4/30/2020 2:59:41 PM



#68
m/p-Xylenes
Concen: 10.001 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Tgt Ion: 106 Resp: 53209
Ion Ratio Lower Upper
106 100
91 199.6 161.6 242.4





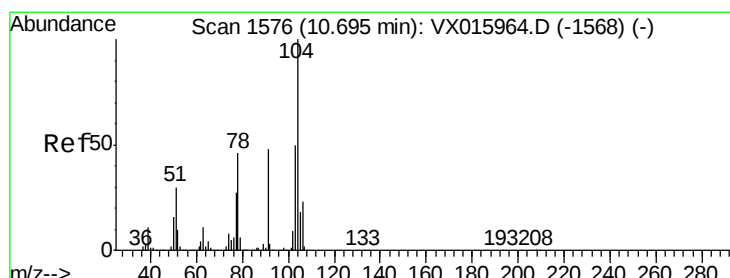
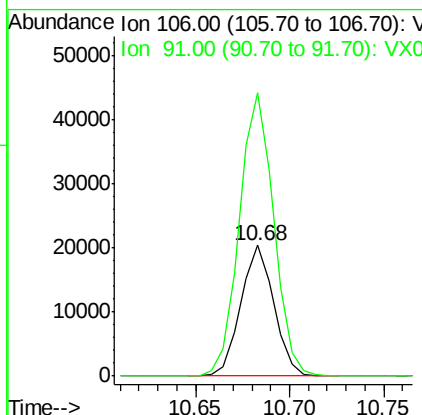
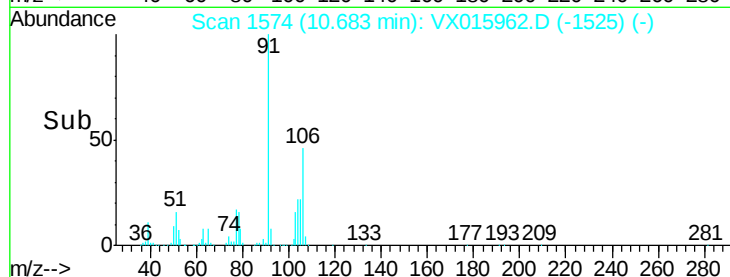
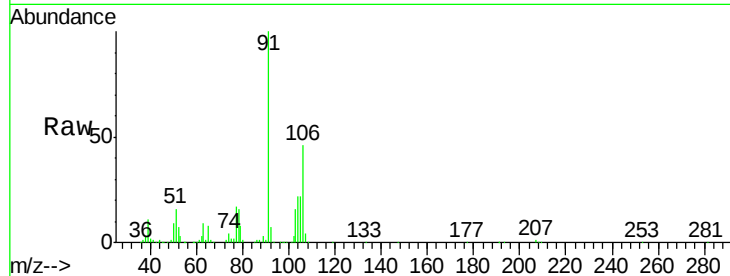
#69
o-Xylene
Concen: 4.923 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:106 Resp: 24869
Ion Ratio Lower Upper
106 100
91 225.2 106.1 318.3

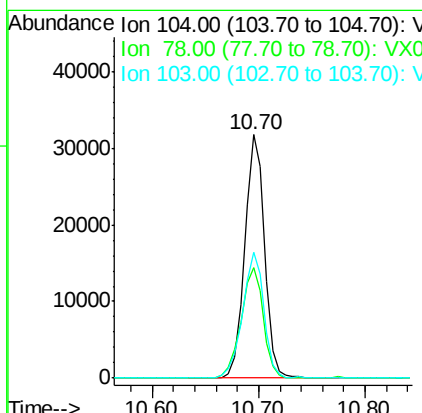
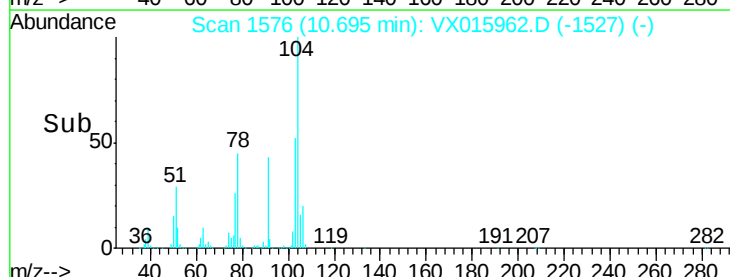
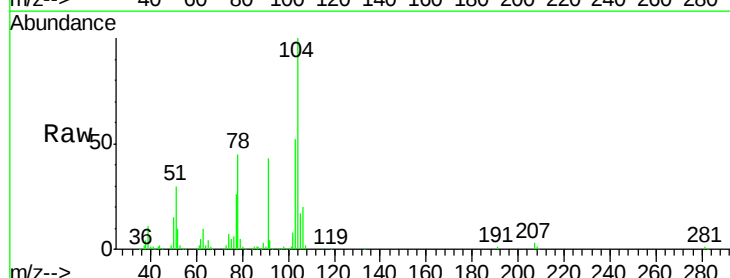
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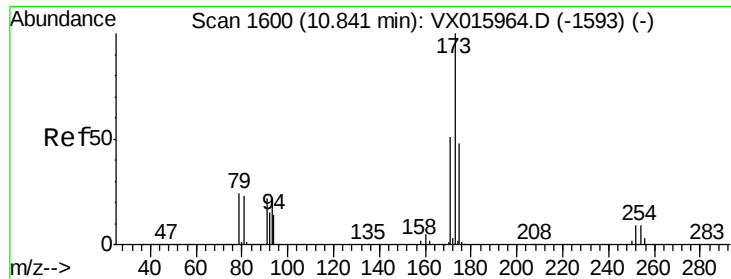
MMDadoda
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#70
Styrene
Concen: 4.779 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Tgt Ion:104 Resp: 41426
Ion Ratio Lower Upper
104 100
78 51.2 41.0 61.4
103 56.0 43.4 65.2





#71

Bromoform

Concen: 4.534 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

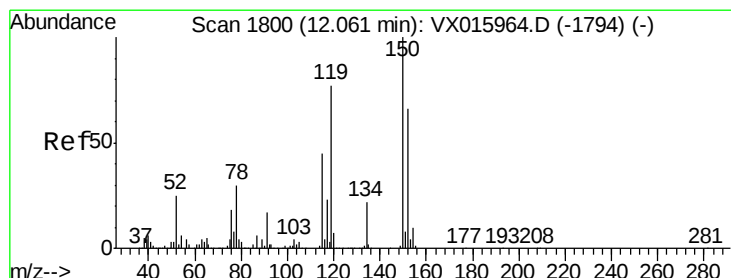
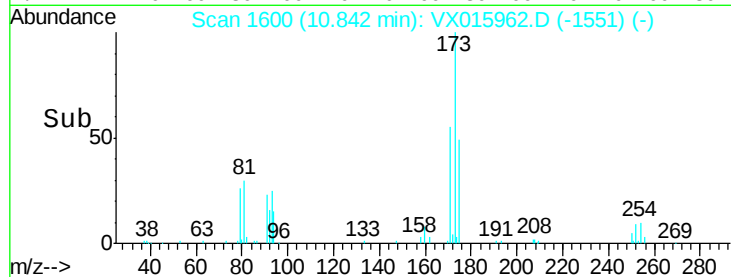
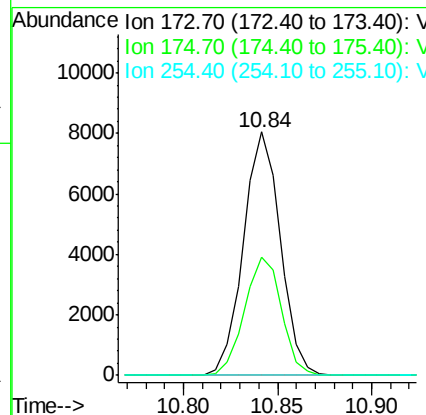
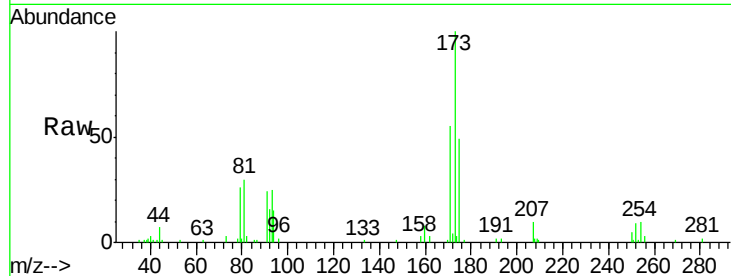
ClientSampleId :

VSTDIC005

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.4	24.1	72.4
254	0.0	0.1	0.1#

Manual Integrations
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MMDadoda
4/30/2020 2:59:41 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

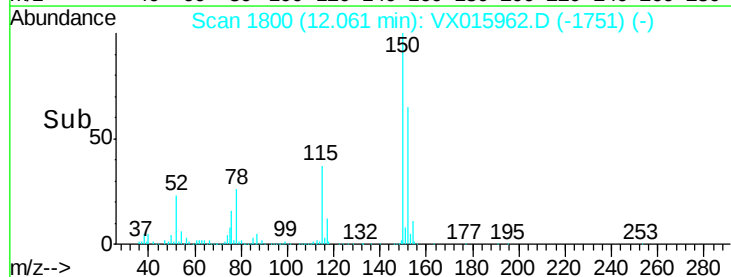
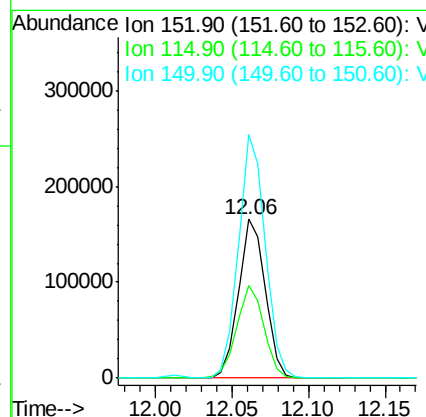
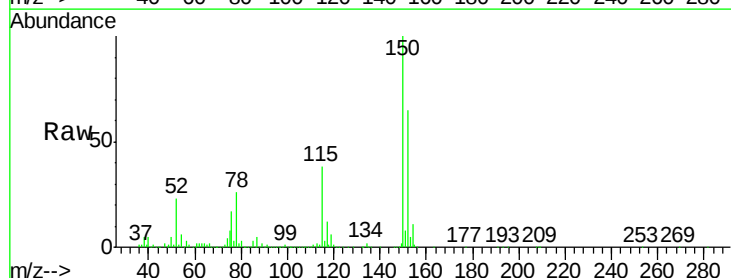
RT: 12.06 min Scan# 1800

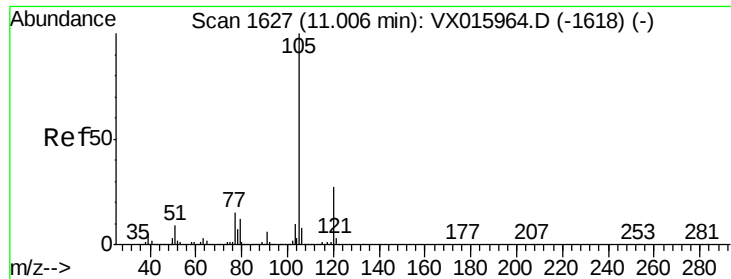
Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.2	40.9	122.7
150	153.8	0.0	342.4





#73

Isopropylbenzene

Concen: 4.991 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 68001

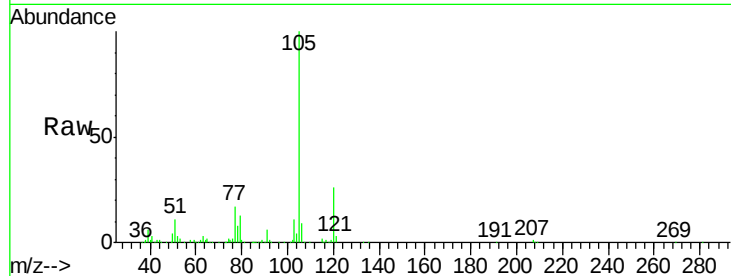
Ion Ratio Lower Upper

105 100

120 25.9 13.3 39.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.00

60000

50000

40000

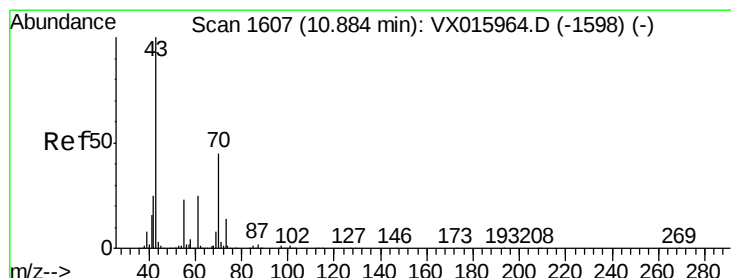
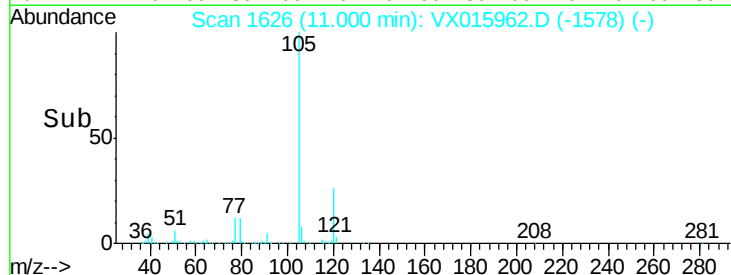
30000

20000

10000

0

Time--> 10.90 11.00 11.10



#74

N-ethyl acetate

Concen: 4.904 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Tgt Ion: 43 Resp: 32224

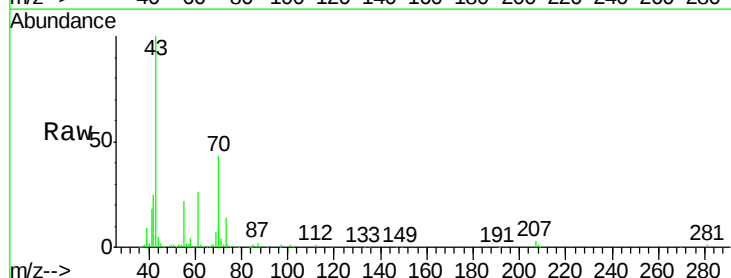
Ion Ratio Lower Upper

43 100

70 44.7 34.5 51.7

55 24.8 18.6 28.0

61 25.2 19.8 29.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

40000

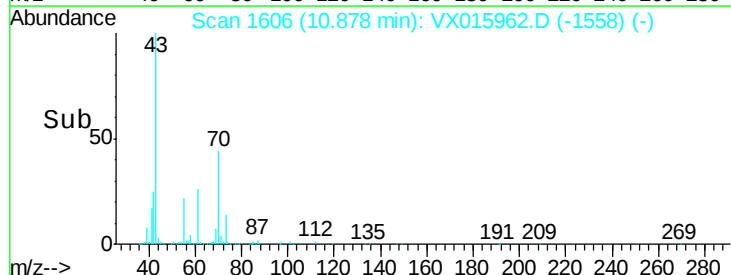
30000

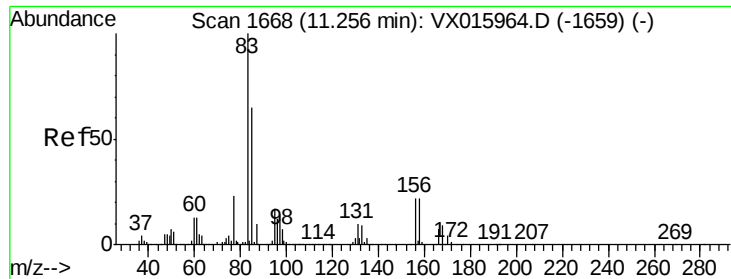
20000

10000

0

Time--> 10.80 10.85 10.90 10.95





#75

1,1,2,2-Tetrachloroethane

Concen: 4.075 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 83 Resp: 10762

Ion Ratio Lower Upper

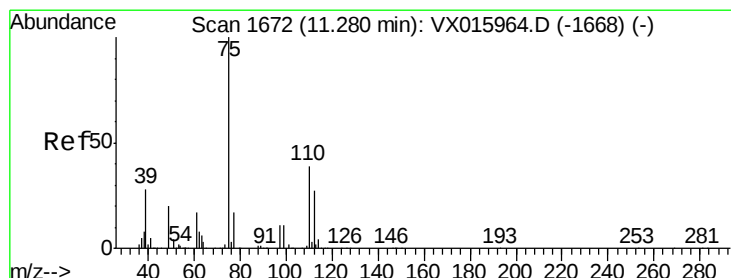
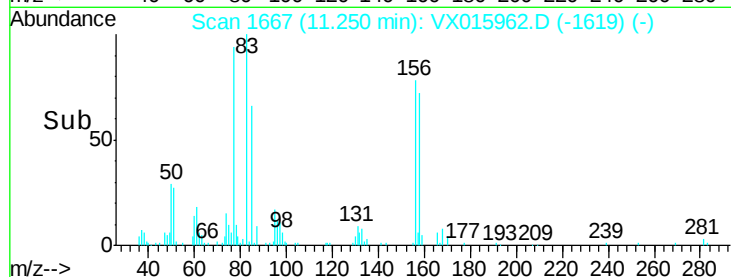
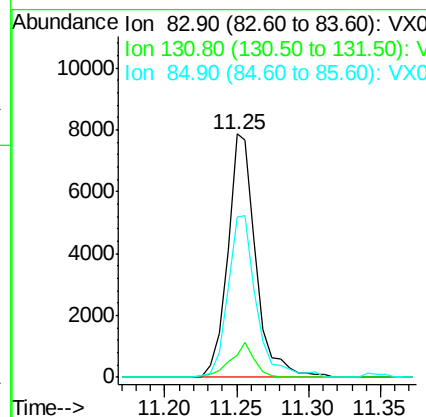
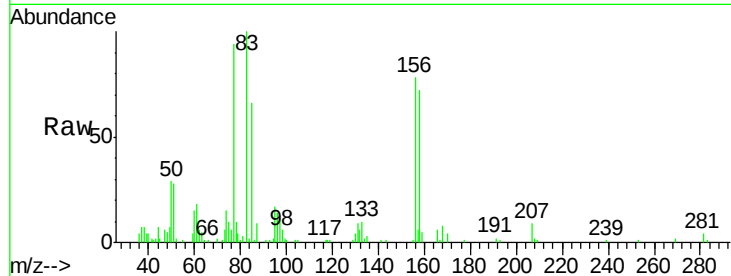
83 100

131 12.2 5.1 15.4

85 67.6 32.2 96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 4.105 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX015962.D

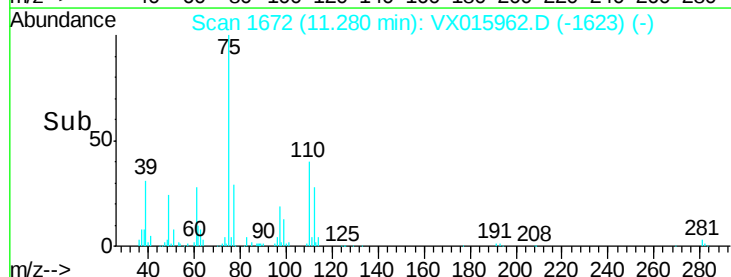
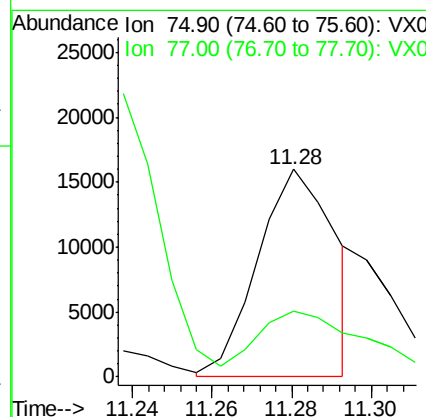
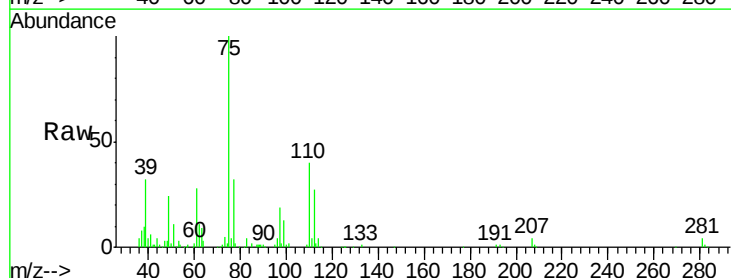
Acq: 28 Apr 2020 15:24

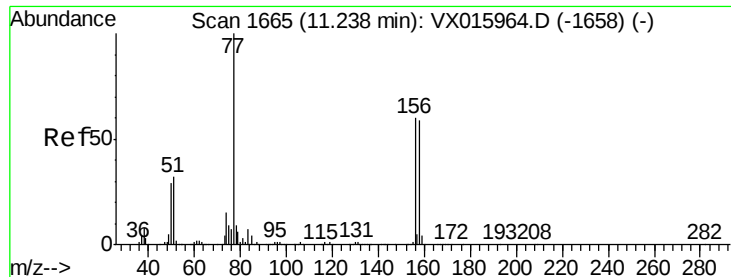
Tgt Ion: 75 Resp: 21531

Ion Ratio Lower Upper

75 100

77 43.8 21.6 65.0





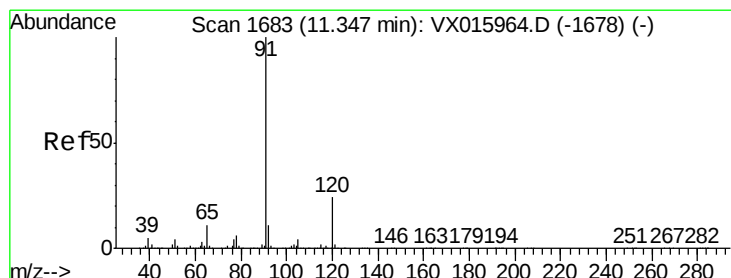
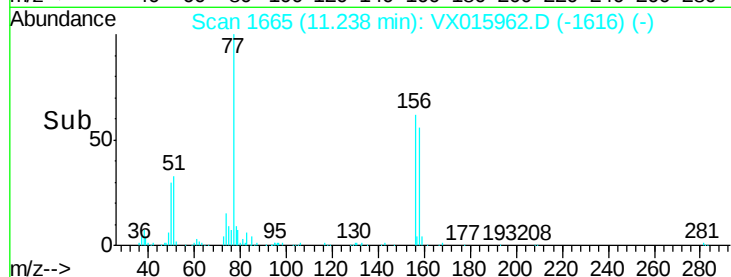
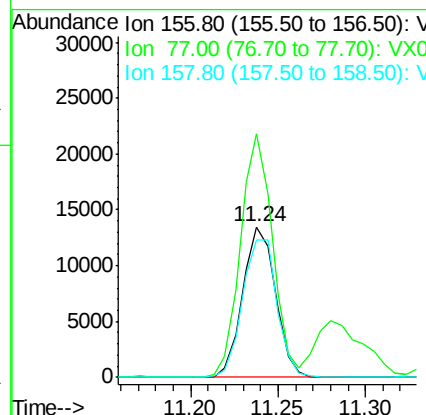
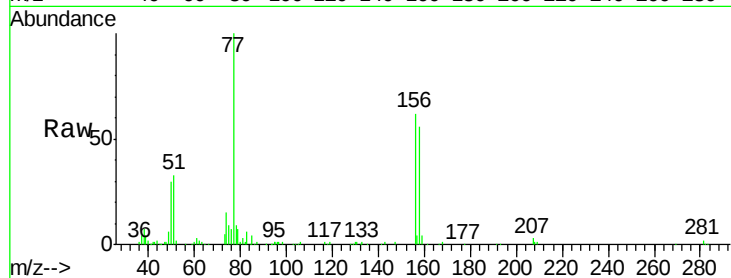
#77
Bromobenzene
Concen: 5.026 ug/l
RT: 11.24 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
156	100		
77	157.0	78.3	234.8
158	95.8	48.5	145.5

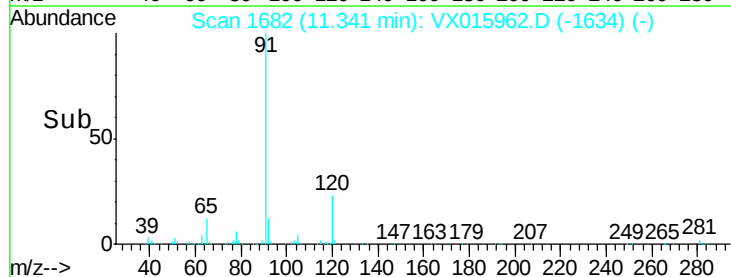
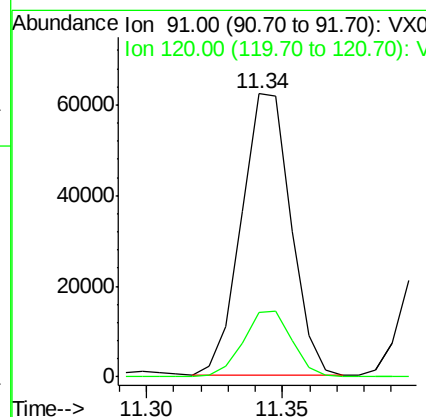
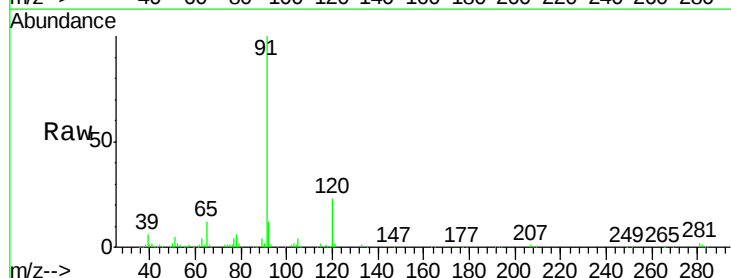
Manual Integrations
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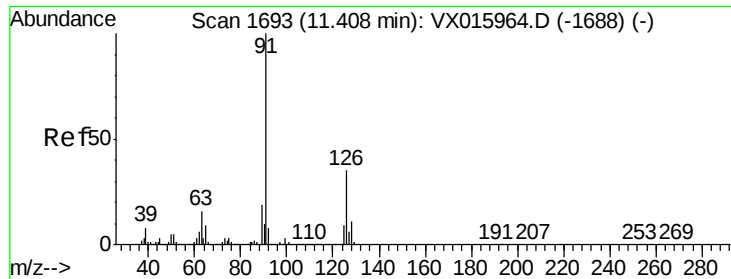
MMDadoda
4/30/2020 2:59:41 PM



#78
n-propylbenzene
Concen: 5.016 ug/l
RT: 11.34 min Scan# 1682
Delta R.T. -0.01 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.8	35.3





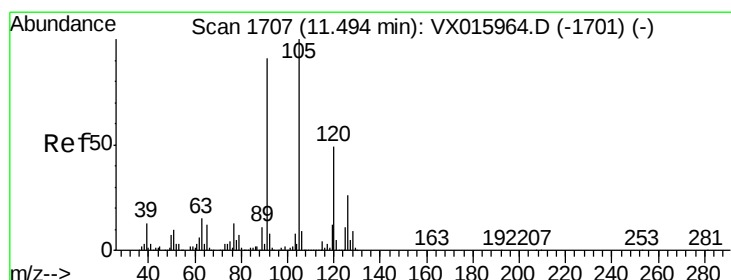
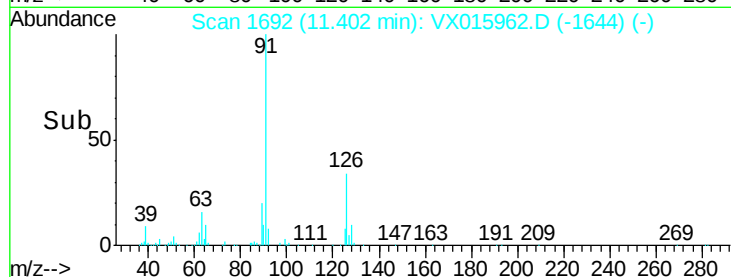
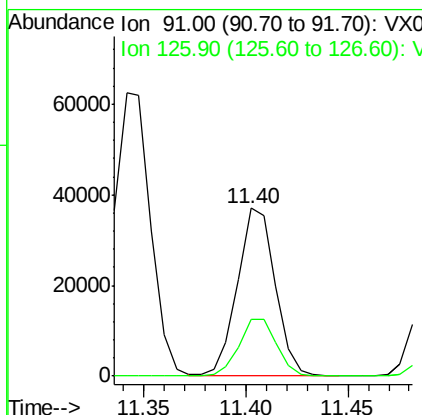
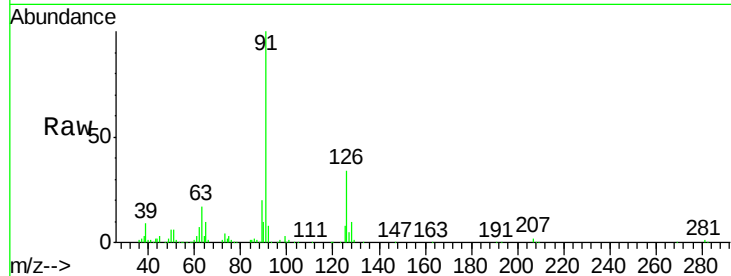
#79
2-Chlorotoluene
Concen: 5.063 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. -0.01 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion: 91 Resp: 47288
Ion Ratio Lower Upper
91 100
126 34.6 17.0 51.0

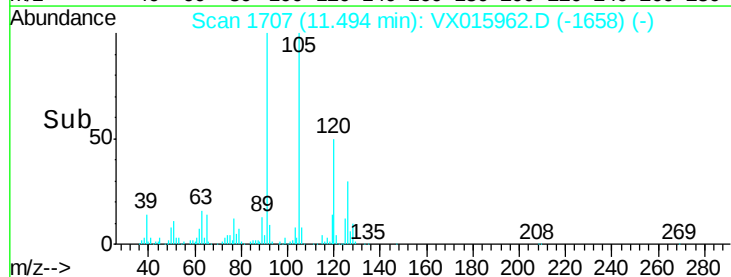
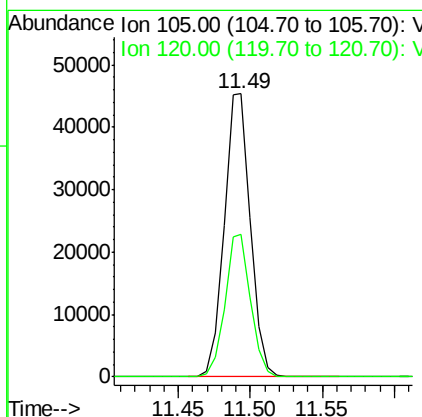
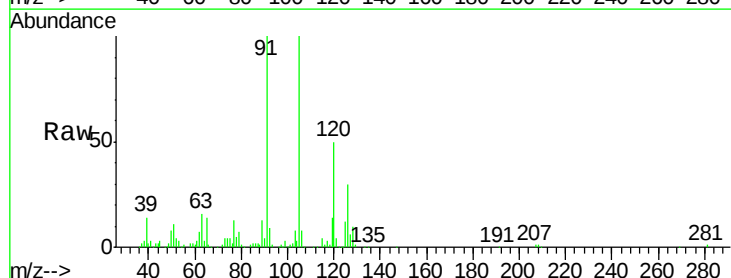
Manual Integrations
APPROVED

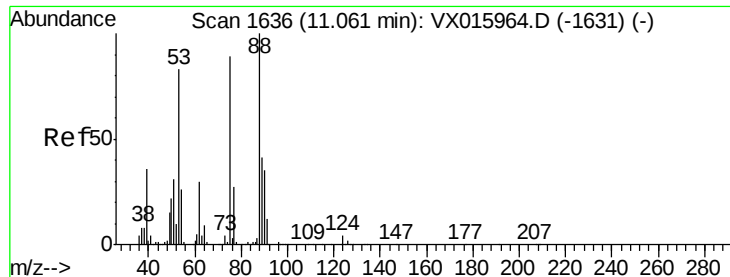
MMDadoda
4/30/2020 2:59:41 PM



#80
1,3,5-Trimethylbenzene
Concen: 5.054 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Tgt Ion: 105 Resp: 58014
Ion Ratio Lower Upper
105 100
120 49.5 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 4.653 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tot Ion: 75 Resp: 8275

Ion Ratio Lower Upper

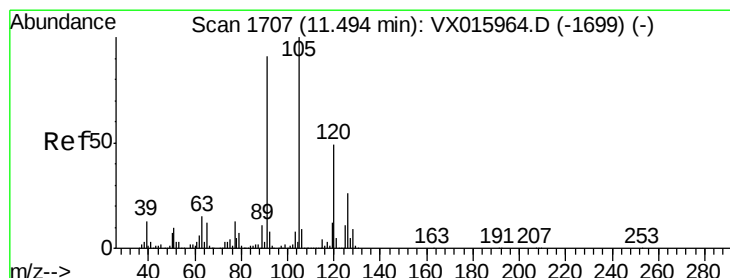
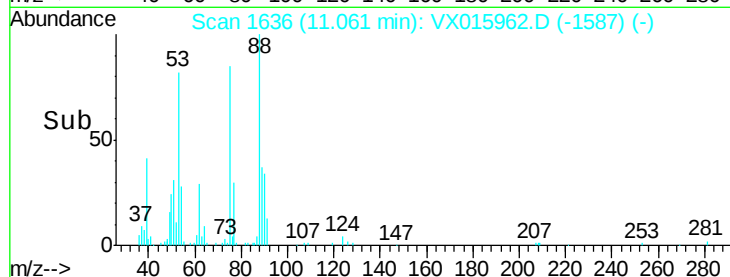
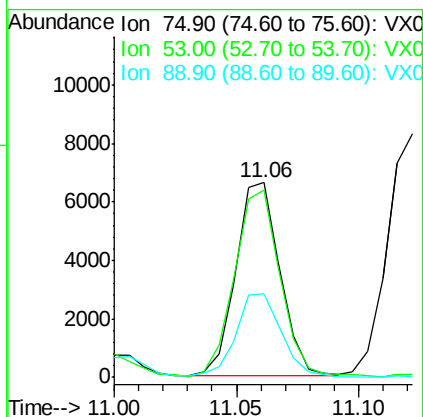
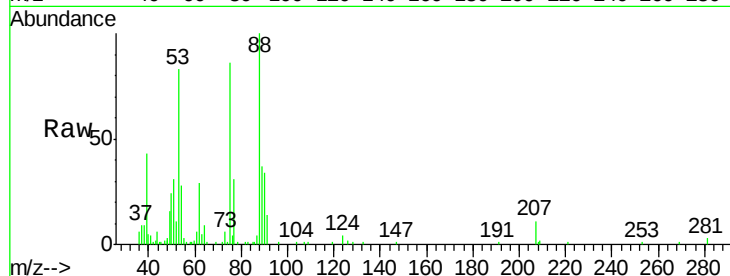
75 100

53 101.4 78.3 117.5

89 45.1 37.2 55.8

Manual Integrations
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#82

4-Chlorotoluene

Concen: 4.916 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX015962.D

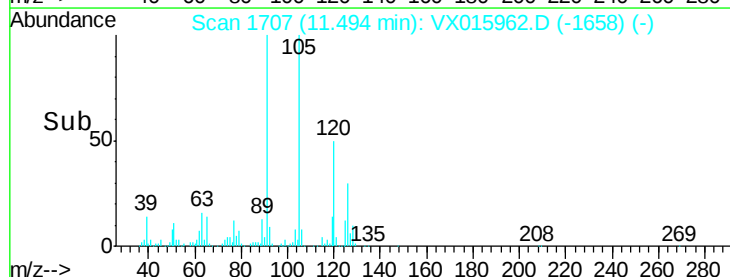
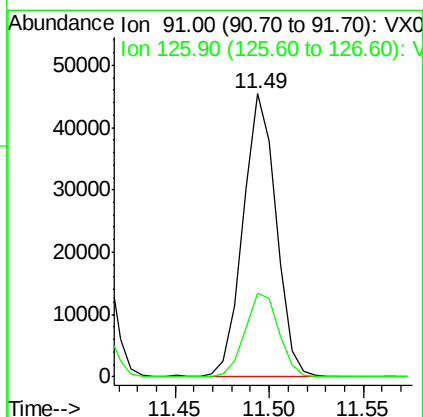
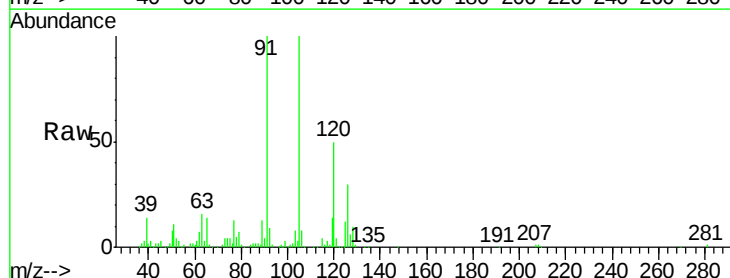
Acq: 28 Apr 2020 15:24

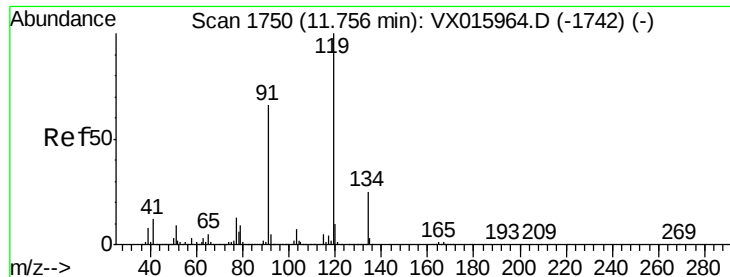
Tgt Ion: 91 Resp: 54911

Ion Ratio Lower Upper

91 100

126 30.6 14.8 44.3





#83

tert-Butylbenzene

Concen: 5.003 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Instrument :

MSVOA_X

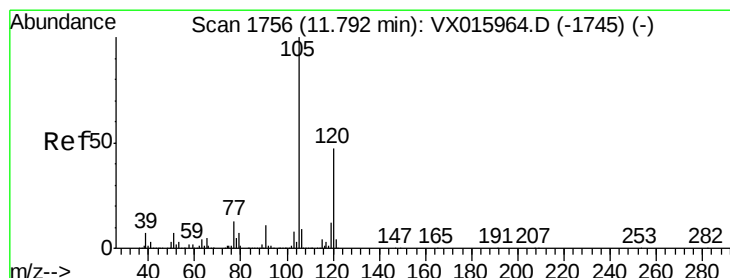
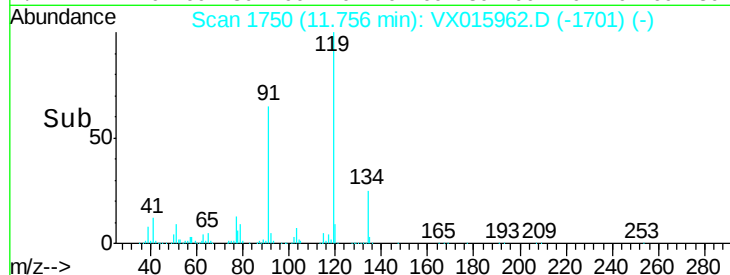
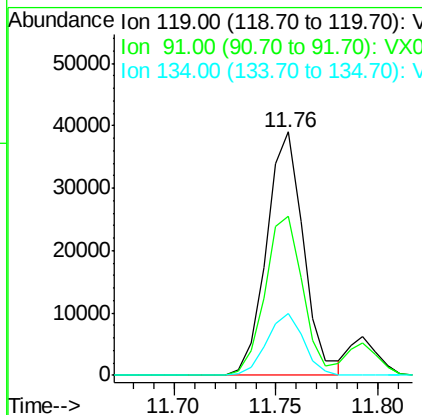
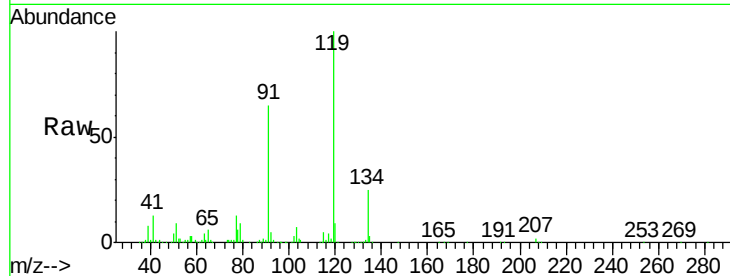
ClientSampleId :

VSTDIC005

Tot Ion:	119	Resp:	49511
Ion	Ratio	Lower	Upper
119	100		
91	66.1	33.5	100.4
134	24.9	12.4	37.2

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 4.998 ug/l

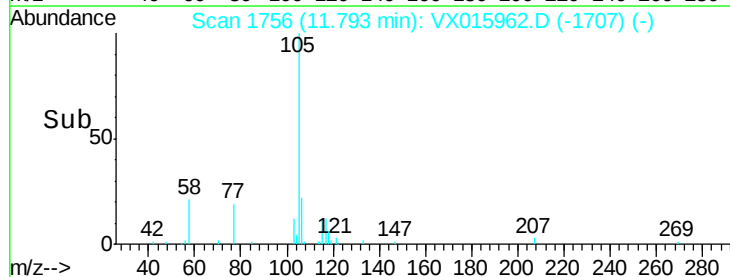
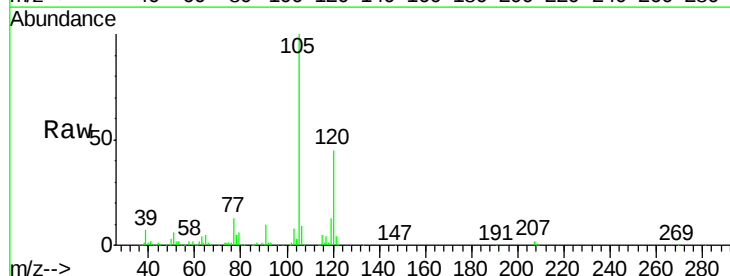
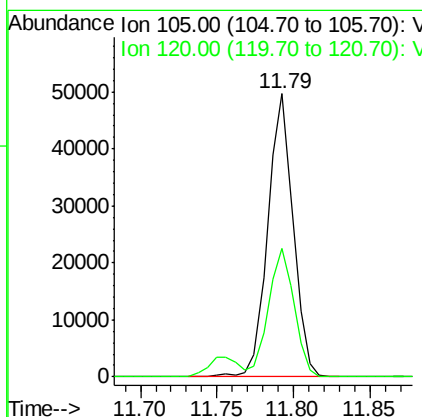
RT: 11.79 min Scan# 1756

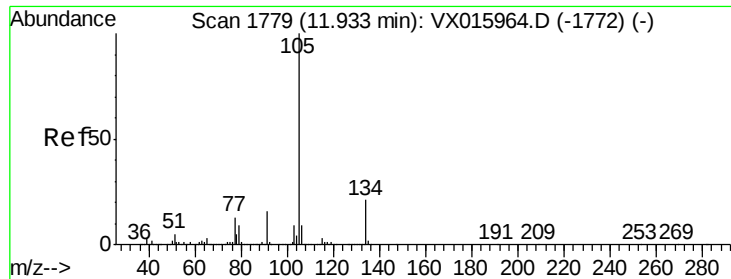
Delta R.T. 0.00 min

Lab File: VX015962.D

Acq: 28 Apr 2020 15:24

Tgt Ion:	105	Resp:	57737
Ion	Ratio	Lower	Upper
105	100		
120	46.0	22.9	68.8





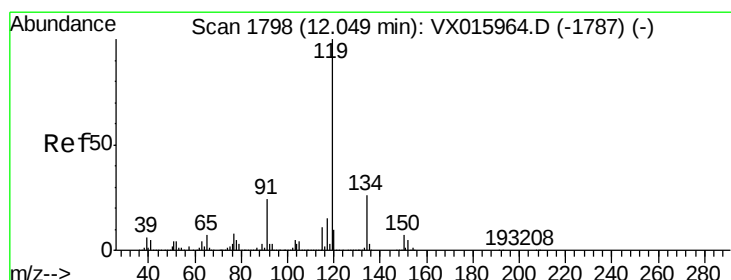
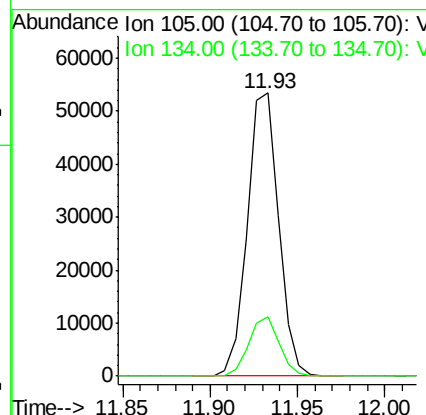
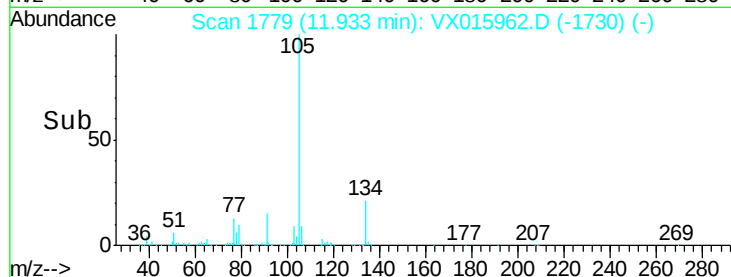
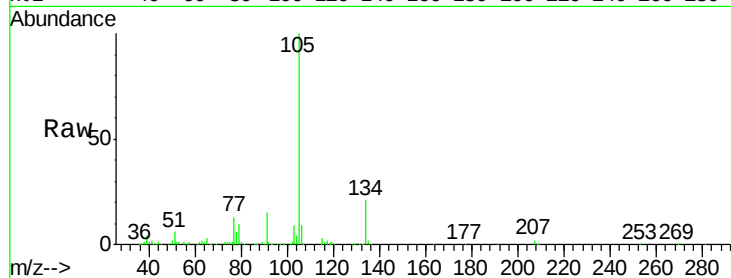
#85
 sec-Butylbenzene
 Concen: 4.997 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX015962.D
 Acq: 28 Apr 2020 15:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.5	10.4	31.1

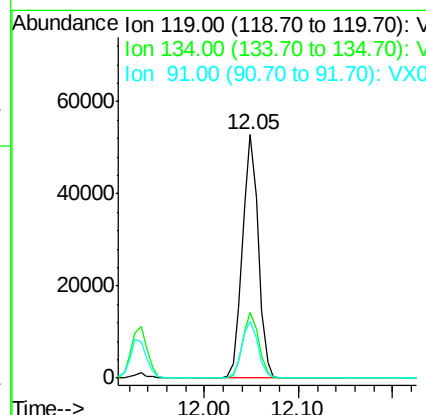
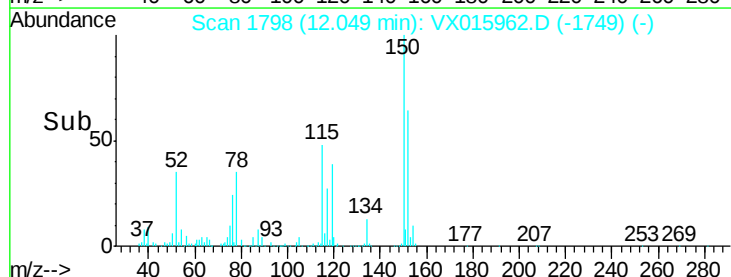
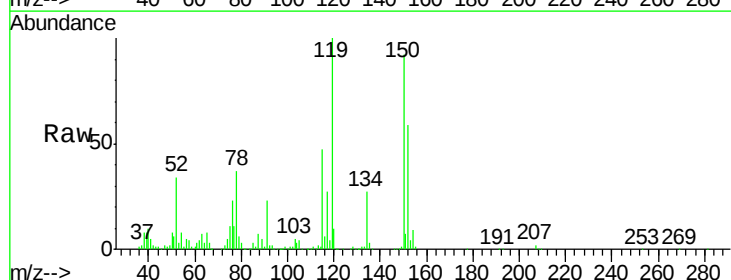
Manual Integrations
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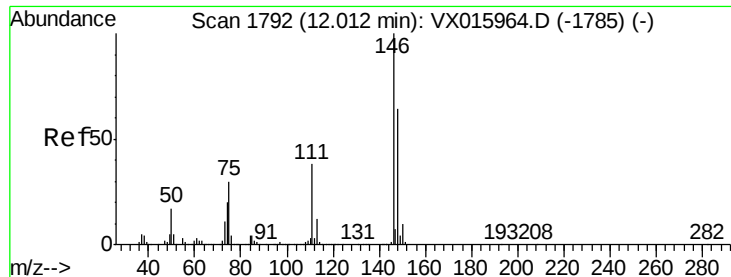
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#86
 p-Isopropyltoluene
 Concen: 4.969 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX015962.D
 Acq: 28 Apr 2020 15:24

Tgt Ion	Ratio	Lower	Upper
119	100		
134	27.3	13.0	39.0
91	24.2	11.9	35.9





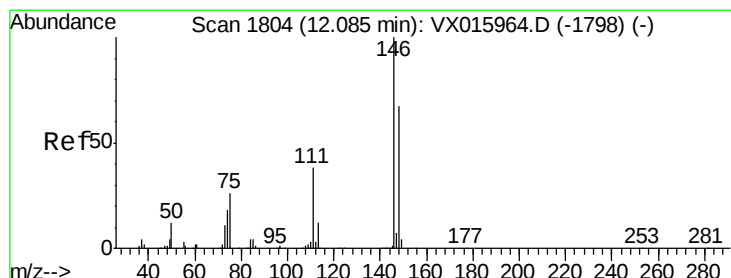
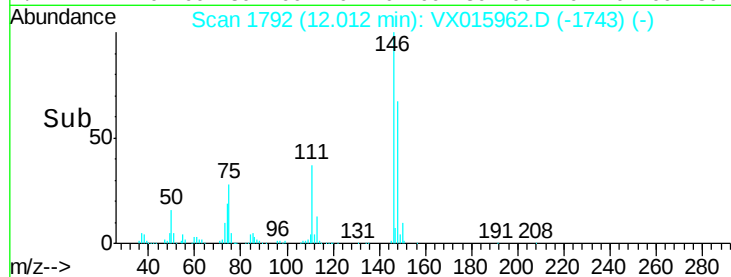
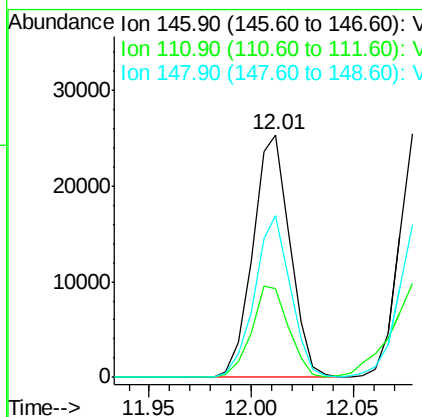
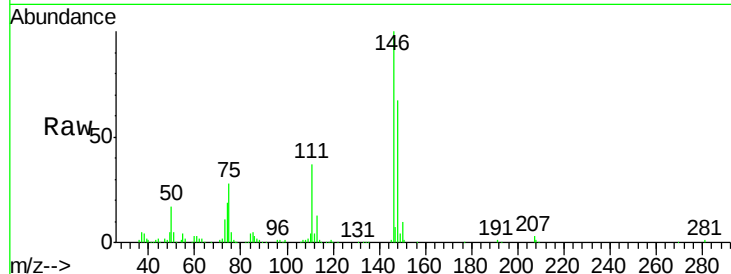
#87
 1,3-Dichlorobenzene
 Concen: 5.021 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX015962.D
 Acq: 28 Apr 2020 15:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.6	58.8
148	64.6	32.0	96.0

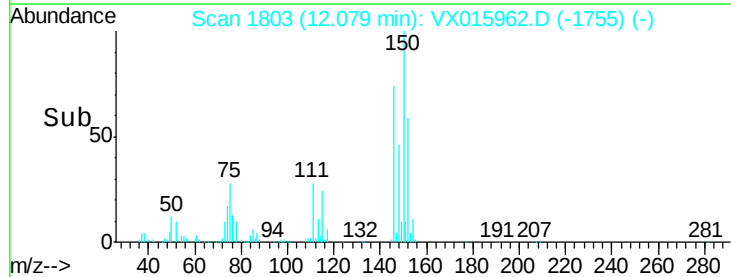
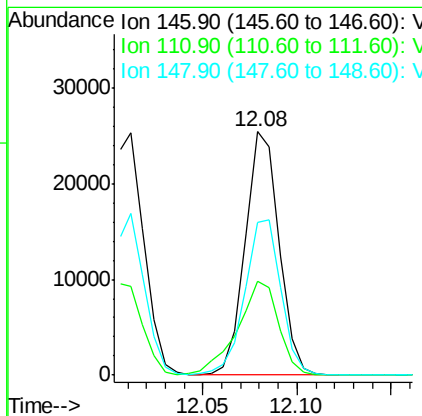
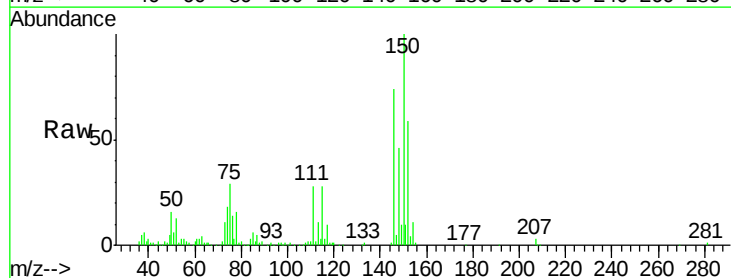
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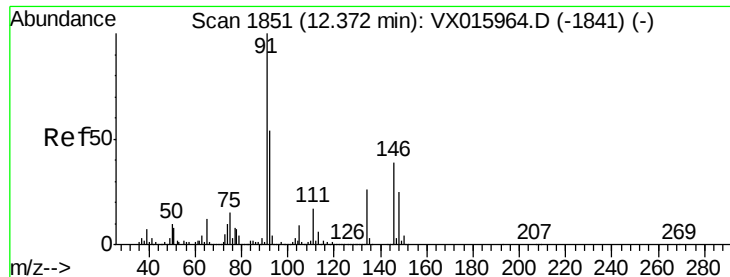
MMDadoda
 4/30/2020 2:59:41 PM



#88
 1,4-Dichlorobenzene
 Concen: 4.916 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.01 min
 Lab File: VX015962.D
 Acq: 28 Apr 2020 15:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.8	19.7	59.0
148	68.1	32.8	98.4





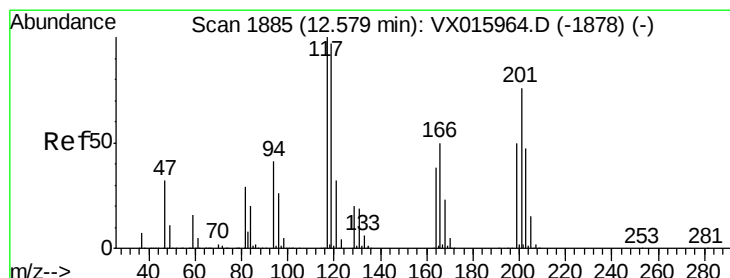
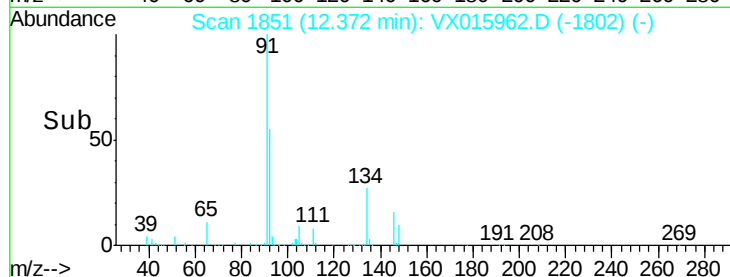
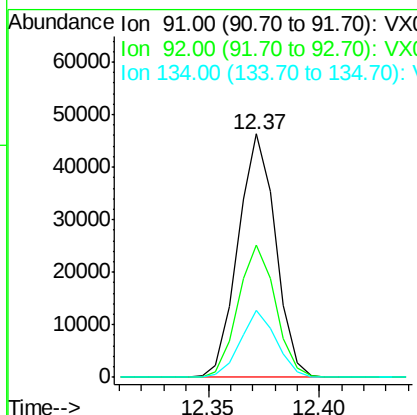
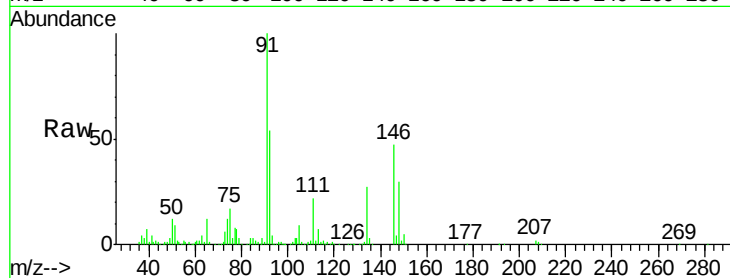
#89
n-Butylbenzene
Concen: 4.820 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.3	27.1	81.3
134	26.2	13.3	39.8

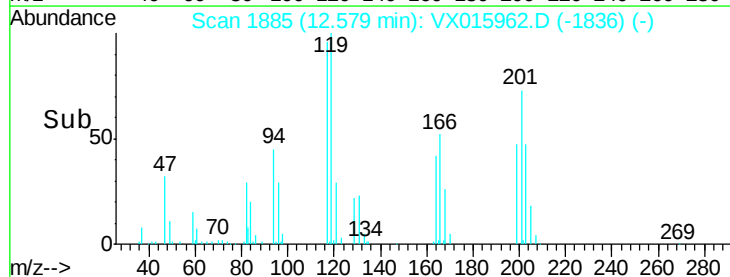
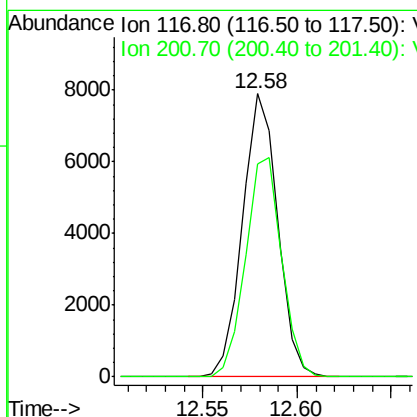
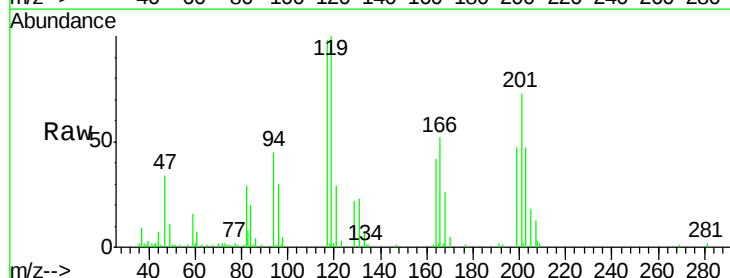
Manual Integrations
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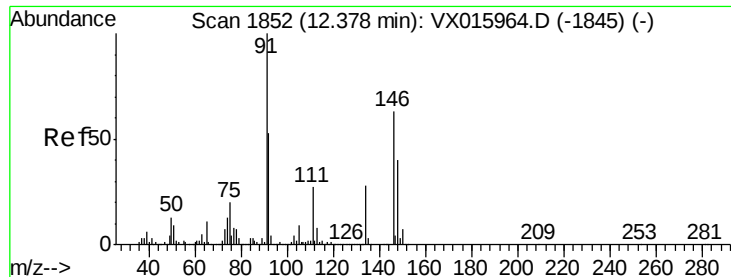
MMDadoda
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#90
Hexachloroethane
Concen: 4.630 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.5	40.3	120.8





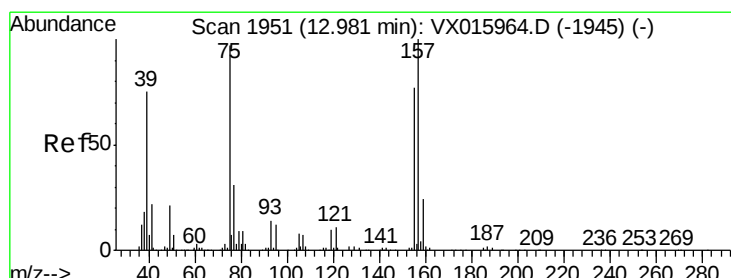
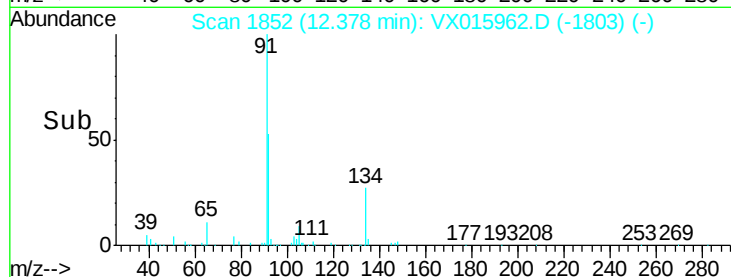
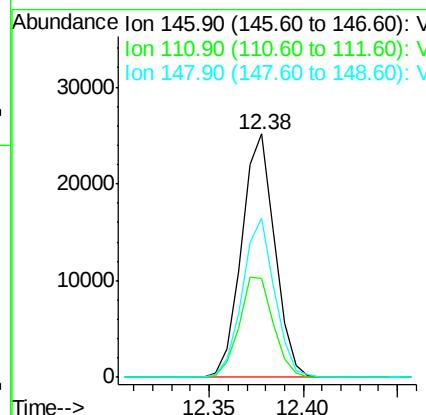
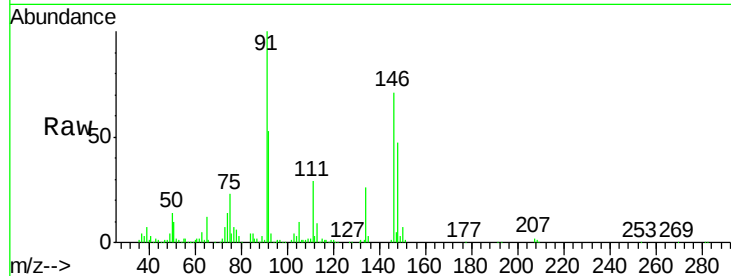
#91
 1,2-Dichlorobenzene
 Concen: 5.010 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX015962.D
 Acq: 28 Apr 2020 15:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.1	63.3
148	63.6	32.3	96.9

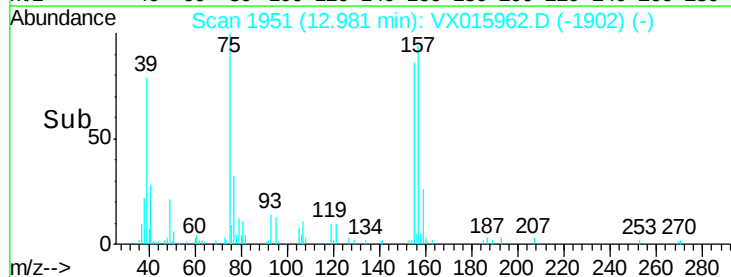
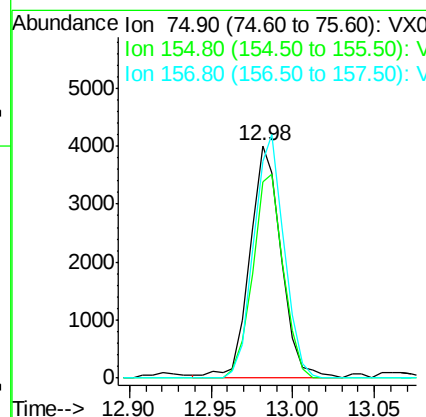
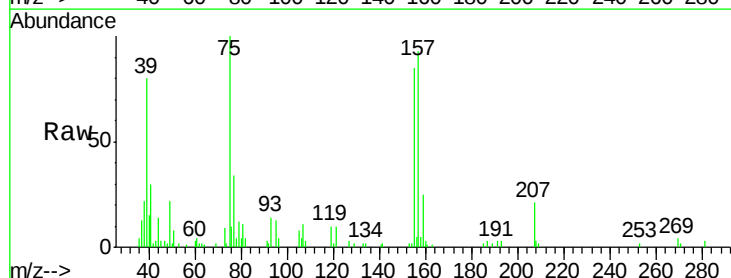
Manual Integrations
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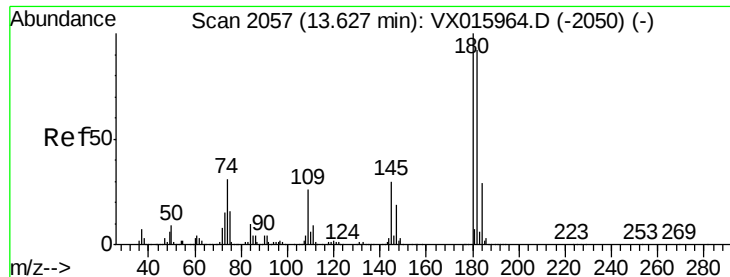
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.784 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX015962.D
 Acq: 28 Apr 2020 15:24

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.9	42.5	127.6
157	100.9	56.0	168.2





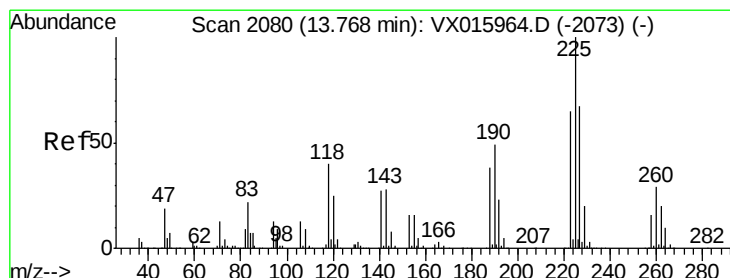
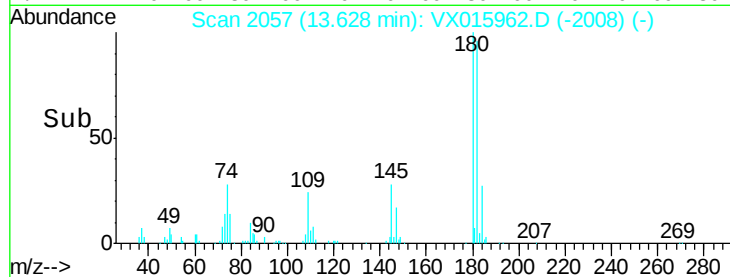
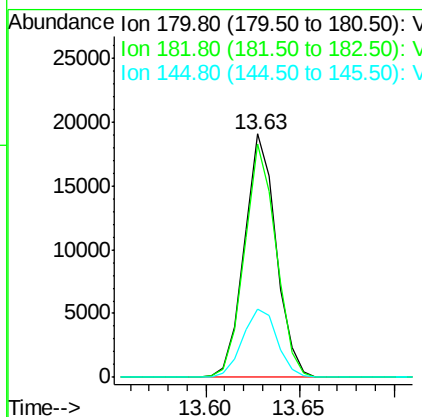
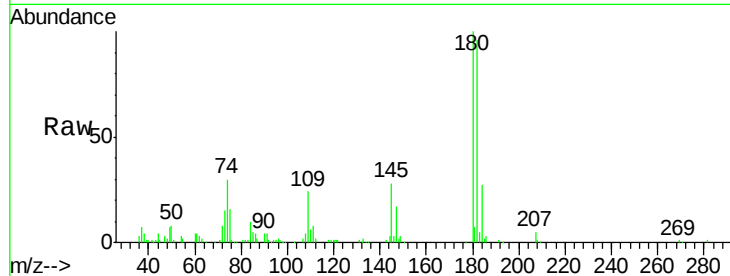
#93
 1,2,4-Trichlorobenzene
 Concen: 4.861 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX015962.D
 Acq: 28 Apr 2020 15:24

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.9	140.6
145	30.5	14.7	44.1

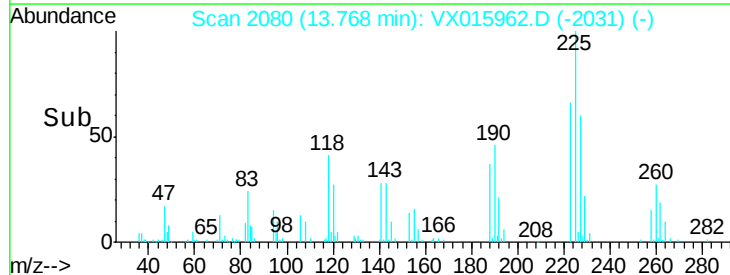
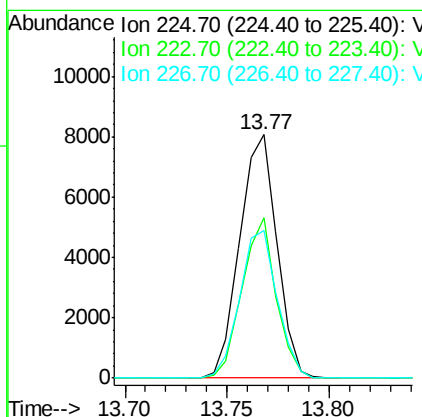
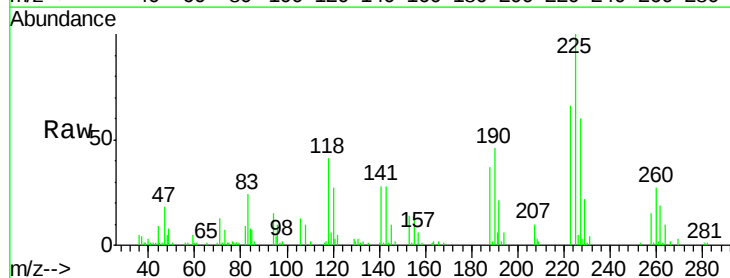
Manual Integrations
 APPROVED

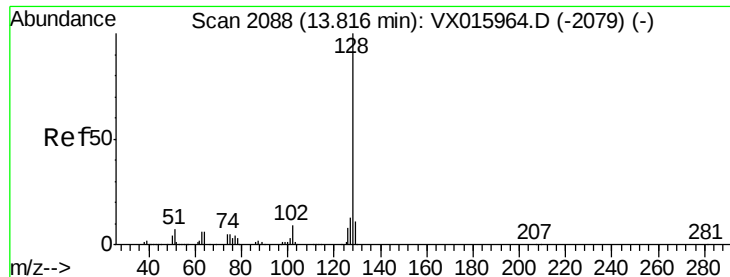
MMDadoda
 4/30/2020 2:59:41 PM



#94
 Hexachlorobutadiene
 Concen: 4.979 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX015962.D
 Acq: 28 Apr 2020 15:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.3	32.0	96.0
227	61.1	33.0	99.0





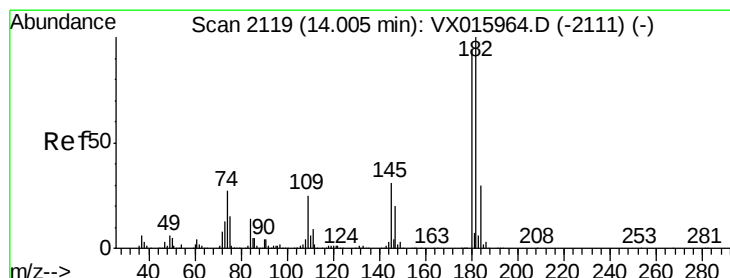
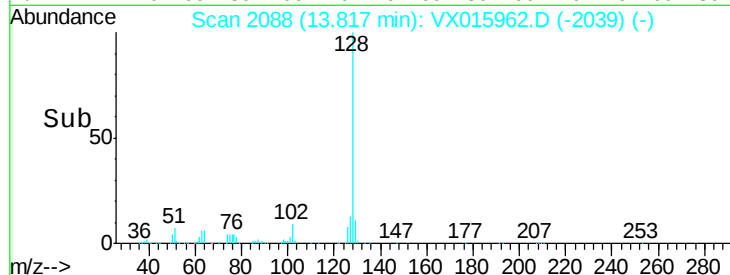
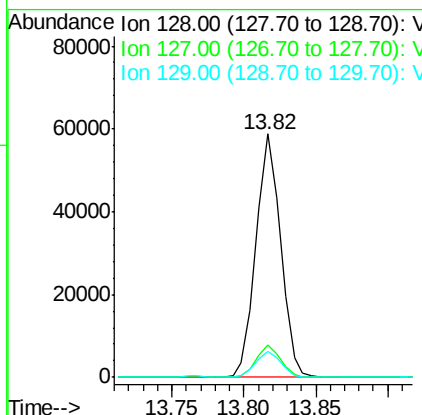
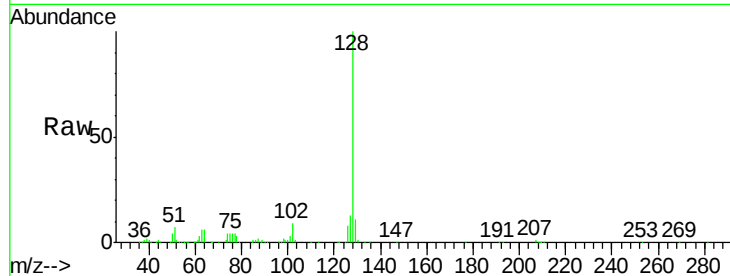
#95
Naphthalene
Concen: 4.800 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
4/30/2020 2:59:41 PM



#96
1,2,3-Trichlorobenzene
Concen: 4.919 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VX015962.D
Acq: 28 Apr 2020 15:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.7	146.1
145	31.4	16.1	48.3

