

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040720\
 Data File : VX015554.D
 Acq On : 07 Apr 2020 21:19
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/8/2020 11:13:11 AM

Quant Time: Apr 08 04:06:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1029508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1652603	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1536022	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	845256	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	709355	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
35) Dibromofluoromethane	5.47	113	515765	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	
50) Toluene-d8	8.70	98	1910916	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
62) 4-Bromofluorobenzene	11.12	95	790937	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	458662	50.568	ug/l	98
3) Chloromethane	1.31	50	522433	45.229	ug/l	99
4) Vinyl Chloride	1.39	62	518659	48.902	ug/l	96
5) Bromomethane	1.62	94	211622	41.989	ug/l	99
6) Chloroethane	1.70	64	325016	49.410	ug/l	100
7) Trichlorofluoromethane	1.91	101	747032	52.520	ug/l	99
8) Diethyl Ether	2.17	74	296525	49.426	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	468499	50.526	ug/l	97
10) Methyl Iodide	2.49	142	494233	39.533	ug/l	99
11) Tert butyl alcohol	3.01	59	716266	206.092	ug/l	99
12) 1,1-Dichloroethene	2.36	96	478094	49.188	ug/l	100
13) Acrolein	2.27	56	656017	331.359	ug/l	100
14) Allyl chloride	2.70	41	1047716	46.133	ug/l	97
15) Acrylonitrile	3.11	53	1557471	234.985	ug/l	100
16) Acetone	2.42	43	1415756	226.951	ug/l	98
17) Carbon Disulfide	2.55	76	1340827	45.221	ug/l	100
18) Methyl Acetate	2.75	43	785948	49.364	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1822576	48.348	ug/l	99
20) Methylene Chloride	2.83	84	542832	46.587	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	519892	48.196	ug/l	96
22) Diisopropyl ether	3.83	45	1975042	49.078	ug/l	96
23) Vinyl Acetate	3.79	43	8639816	237.120	ug/l	100
24) 1,1-Dichloroethane	3.67	63	1019963	48.137	ug/l	99
25) 2-Butanone	4.64	43	2301762	229.436	ug/l	99
26) 2,2-Dichloropropane	4.55	77	805556	46.318	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	608409	48.751	ug/l	99
28) Bromochloromethane	4.98	49	495211	48.951	ug/l	99
29) Tetrahydrofuran	5.09	42	1481375	229.689	ug/l	99
30) Chloroform	5.18	83	999309	49.021	ug/l	98
31) Cyclohexane	5.55	56	900098	48.969	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	934094	50.632	ug/l	99
36) 1,1-Dichloropropene	5.77	75	745758	48.976	ug/l	99
37) Ethyl Acetate	4.80	43	905085	45.650	ug/l	100
38) Carbon Tetrachloride	5.76	117	828151	50.214	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	864961	49.267	ug/l	100
40) Benzene	6.12	78	2182119	48.922	ug/l	98
41) Methacrylonitrile	5.01	41	531766	48.316	ug/l	99
42) 1,2-Dichloroethane	6.17	62	889247	49.633	ug/l	99
43) Isopropyl Acetate	6.42	43	1551965	46.370	ug/l	99
44) Trichloroethene	7.19	130	600729	49.384	ug/l	96
45) 1,2-Dichloropropane	7.49	63	575940	47.201	ug/l	99
46) Dibromomethane	7.64	93	390330	48.766	ug/l	99
47) Bromodichloromethane	7.88	83	840653	49.290	ug/l	99
48) Methyl methacrylate	7.75	41	789748	47.241	ug/l	99
49) 1,4-Dioxane	7.72	88	274617	880.565	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	4566188	240.735	ug/l	100
52) Toluene	8.77	92	1369044	49.785	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	931087	46.548	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	960807	47.154	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	560125	49.715	ug/l	97
56) Ethyl methacrylate	9.16	69	961254	48.411	ug/l	100
57) 1,3-Dichloropropane	9.36	76	977403	48.151	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2367963	245.181	ug/l	99
59) 2-Hexanone	9.48	43	3453134	241.137	ug/l	99
60) Dibromochloromethane	9.57	129	680196	50.242	ug/l	99
61) 1,2-Dibromoethane	9.65	107	601846	49.128	ug/l	100
64) Tetrachloroethene	9.32	164	562066	48.487	ug/l	97
65) Chlorobenzene	10.12	112	1487660	48.564	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	596098	48.709	ug/l	99
67) Ethyl Benzene	10.24	91	2676867	49.270	ug/l	99
68) m/p-Xylenes	10.34	106	2028231	100.255	ug/l	98
69) o-Xylene	10.68	106	981759	49.109	ug/l	100
70) Styrene	10.70	104	1707935	48.551	ug/l	99
71) Bromoform	10.84	173	528312	47.422	ug/l #	95
73) Isopropylbenzene	11.00	105	2666063	48.139	ug/l	100
74) N-amyl acetate	10.88	43	1375015	44.639	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	868328	45.692	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	803826m	46.245	ug/l	
77) Bromobenzene	11.24	156	708751	47.977	ug/l	96
78) n-propylbenzene	11.34	91	3024414	47.757	ug/l	100
79) 2-Chlorotoluene	11.40	91	1833913	47.247	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	2236433	47.283	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	302052	41.696	ug/l	96
82) 4-Chlorotoluene	11.50	91	2155925	47.379	ug/l	99
83) tert-Butylbenzene	11.76	119	2192500	47.456	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	2286057	47.429	ug/l	100
85) sec-Butylbenzene	11.93	105	2608630	48.821	ug/l	99
86) p-Isopropyltoluene	12.05	119	2437411	49.137	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1263151	47.763	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	1262098	46.852	ug/l	99
89) n-Butylbenzene	12.37	91	2169532	48.399	ug/l	100
90) Hexachloroethane	12.58	117	452054	46.822	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	1234058	47.682	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	226310	42.193	ug/l	99

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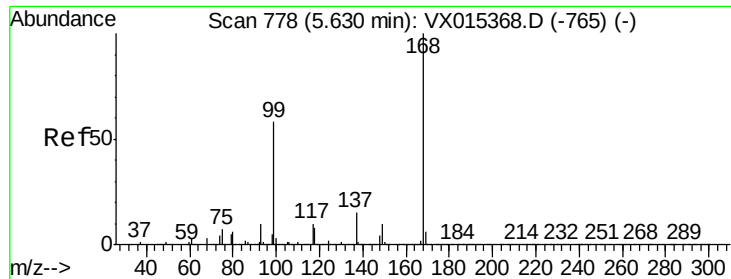
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	971716	47.466	ug/l	97
94) Hexachlorobutadiene	13.77	225	431221	44.242	ug/l	97
95) Naphthalene	13.82	128	2969071	47.546	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	984564	49.952	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. 0.00 min

Lab File: VX015554.D

Acq: 07 Apr 2020 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 1029508

Ion Ratio Lower Upper

168 100

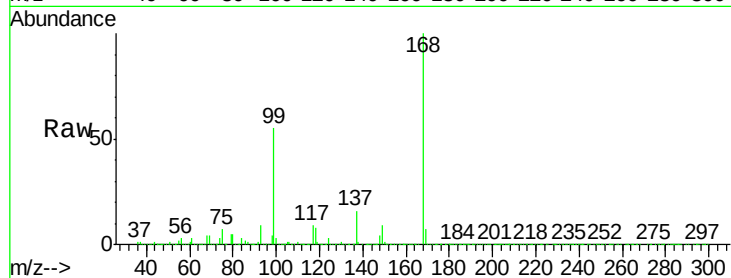
99 55.1 46.4 69.6

Manual Integrations

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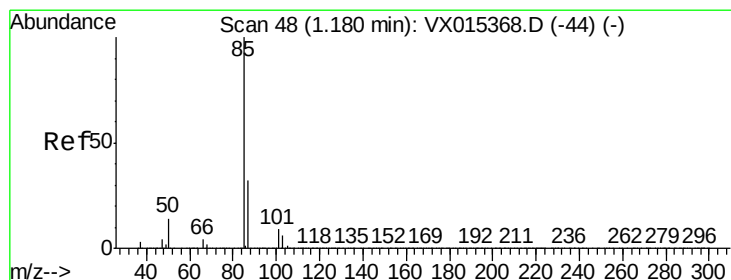
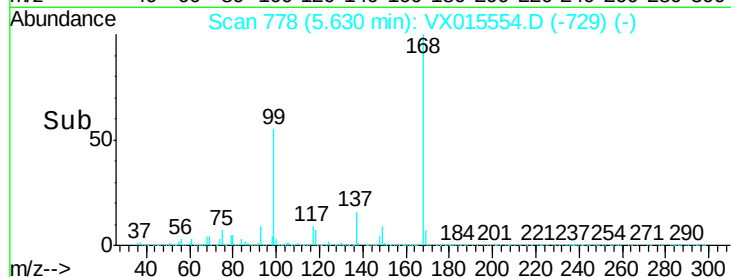
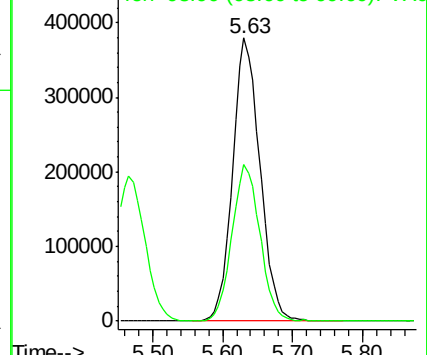
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.568 ug/l

RT: 1.18 min Scan# 48

Delta R.T. 0.00 min

Lab File: VX015554.D

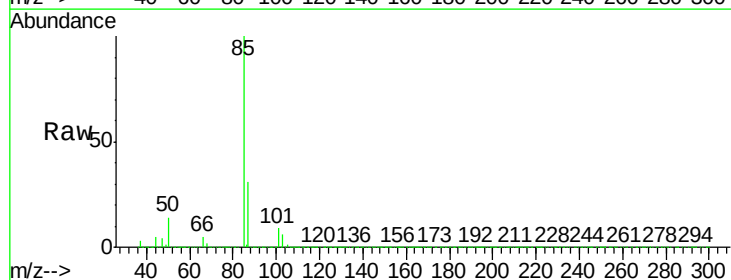
Acq: 07 Apr 2020 21:19

Tgt Ion: 85 Resp: 458662

Ion Ratio Lower Upper

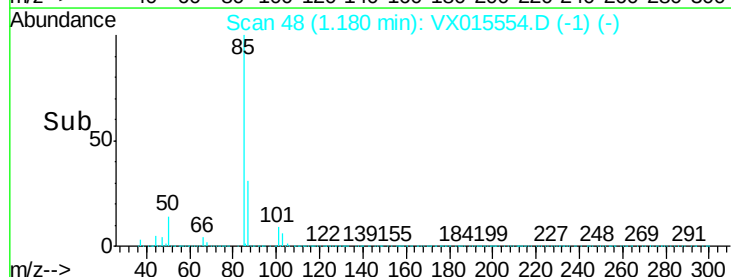
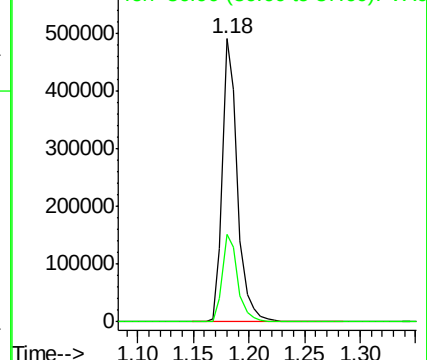
85 100

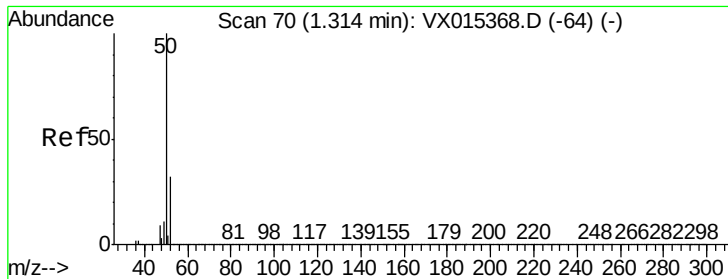
87 30.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 45.229 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015554.D

Acq: 07 Apr 2020 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 522433

Ion Ratio Lower Upper

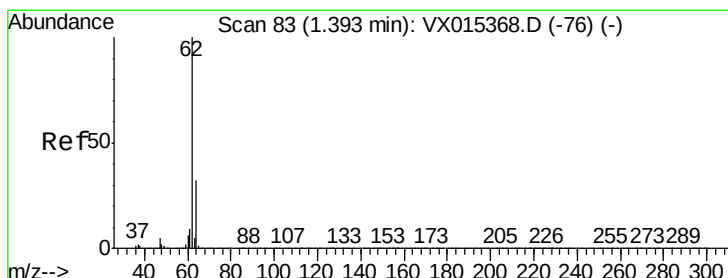
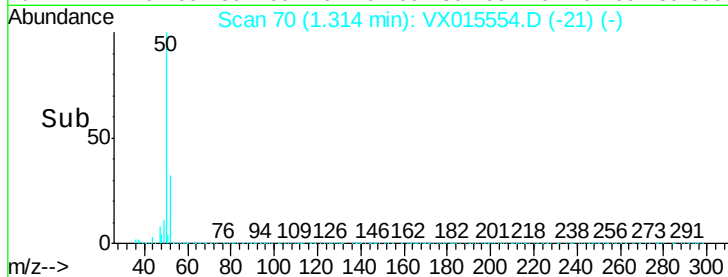
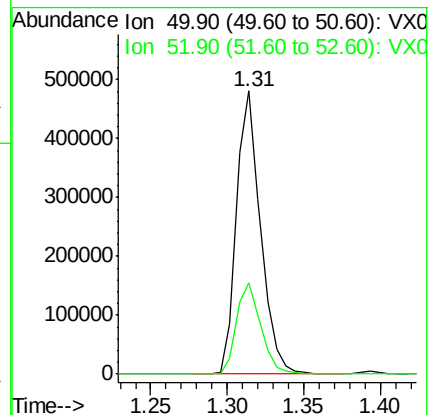
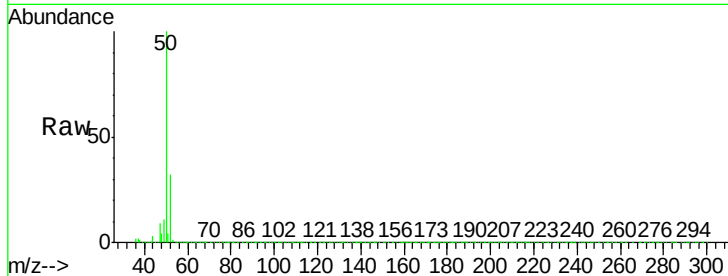
50 100

52 32.4 25.3 37.9

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#4

Vinyl Chloride

Concen: 48.902 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015554.D

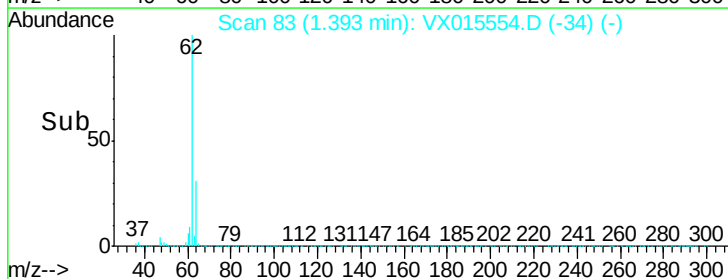
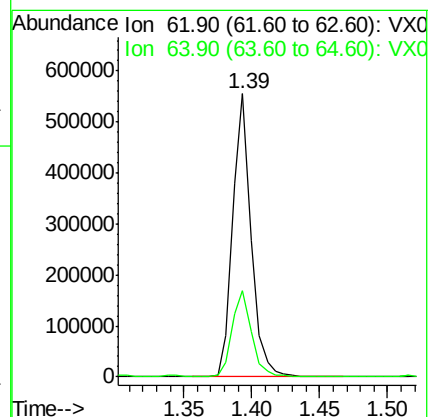
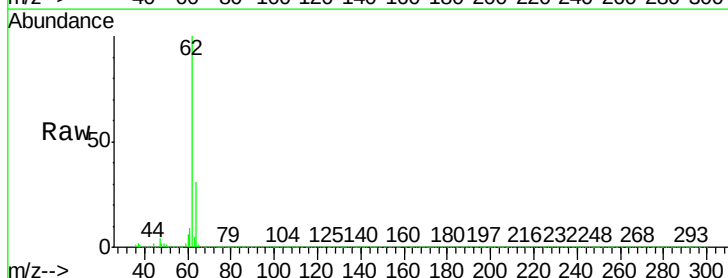
Acq: 07 Apr 2020 21:19

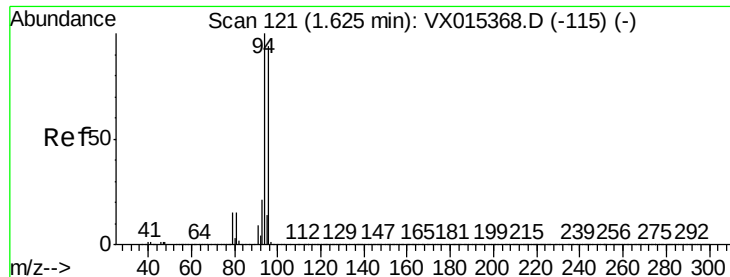
Tgt Ion: 62 Resp: 518659

Ion Ratio Lower Upper

62 100

64 30.5 26.0 39.0





#5

Bromomethane

Concen: 41.989 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015554.D

Acq: 07 Apr 2020 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 211622

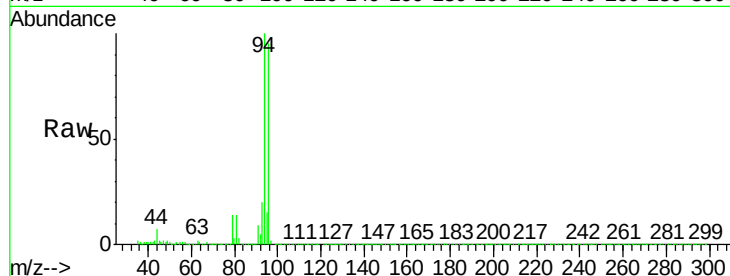
Ion Ratio Lower Upper

94 100

96 94.7 74.8 112.2

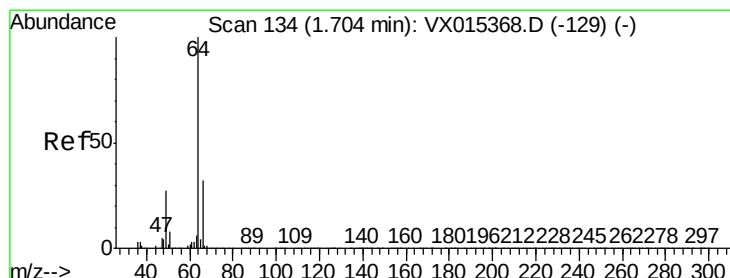
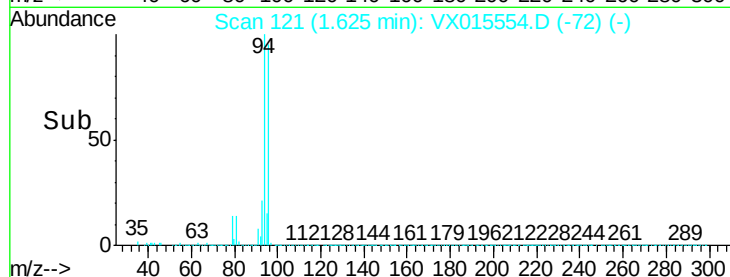
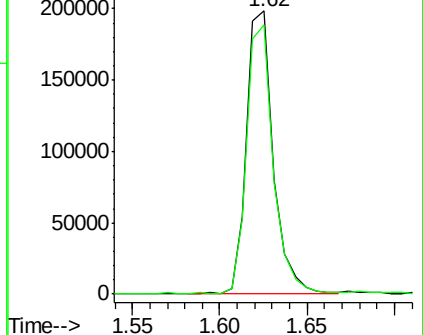
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 49.410 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX015554.D

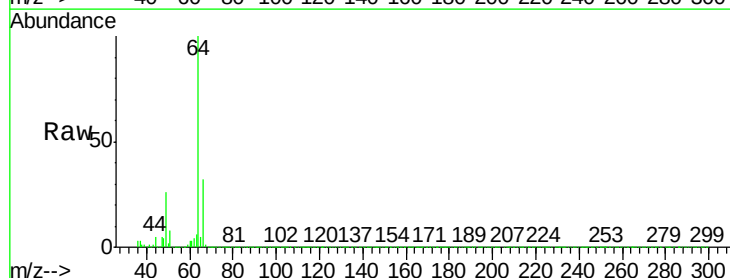
Acq: 07 Apr 2020 21:19

Tgt Ion: 64 Resp: 325016

Ion Ratio Lower Upper

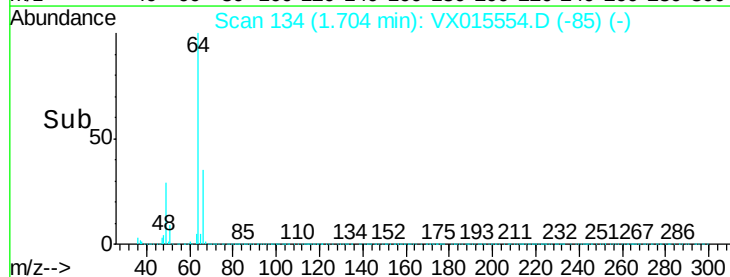
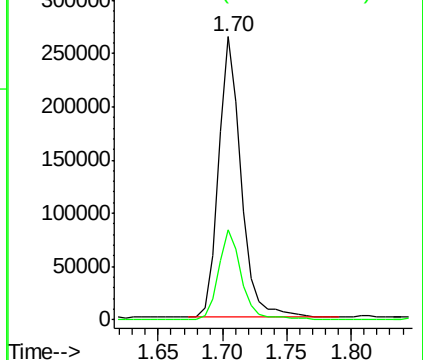
64 100

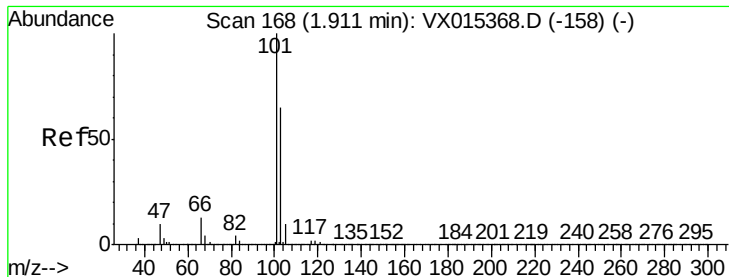
66 31.8 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

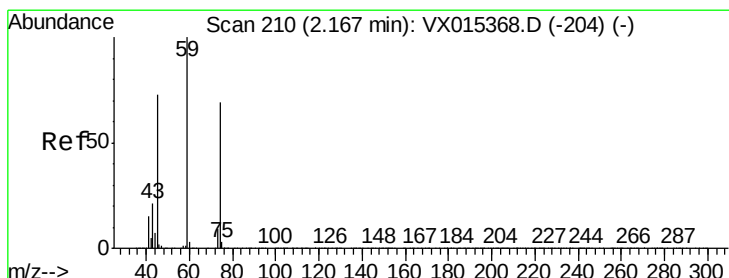
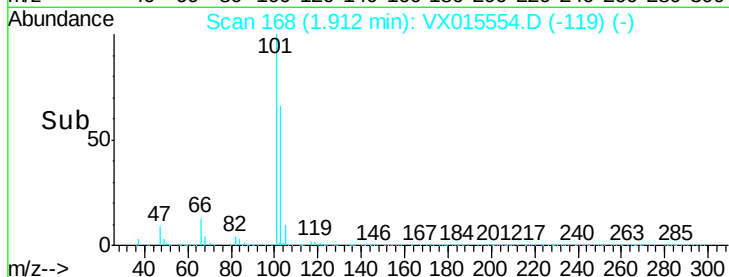
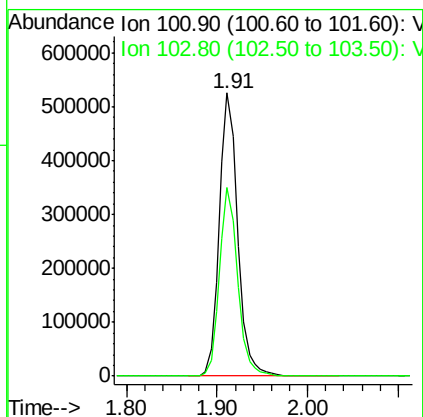
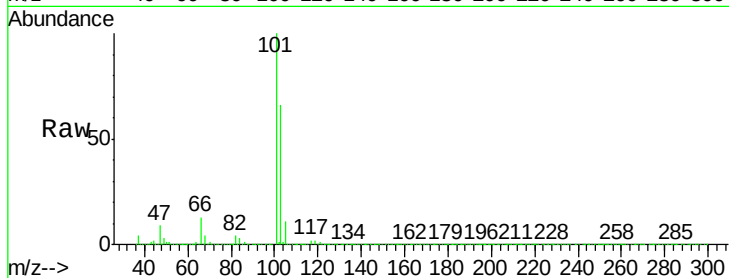
Trichlorofluoromethane
Concen: 52.520 ug/l
RT: 1.91 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX015554.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	52.3	78.5

Manual Integrations
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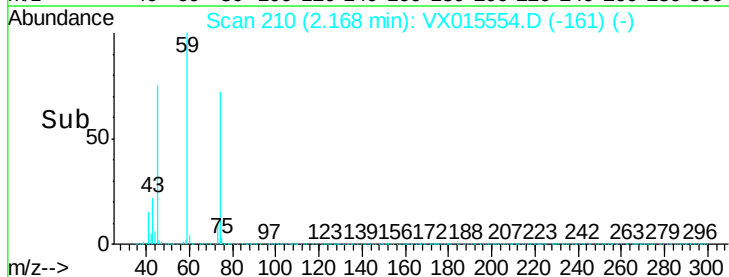
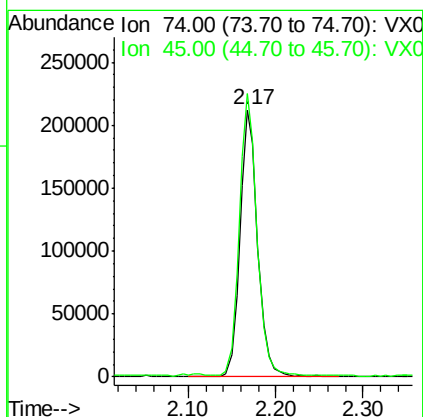
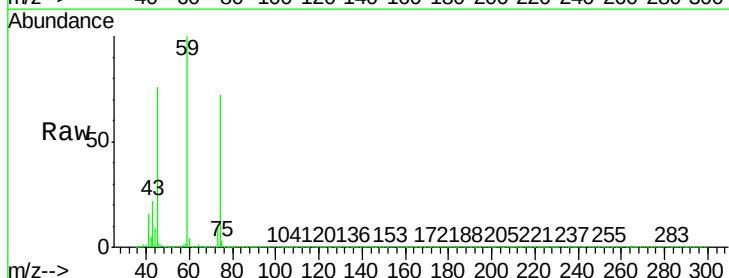
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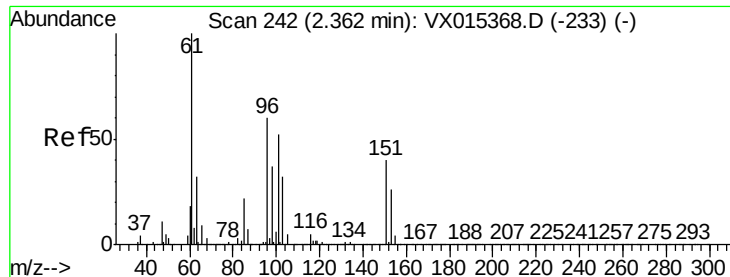


#8

Diethyl Ether
Concen: 49.426 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.6	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.526 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX015554.D

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Instrument :

MSVOA_X

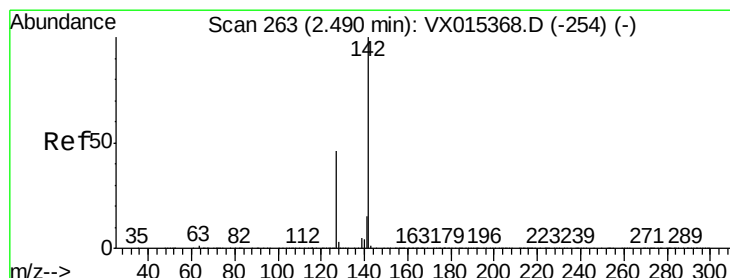
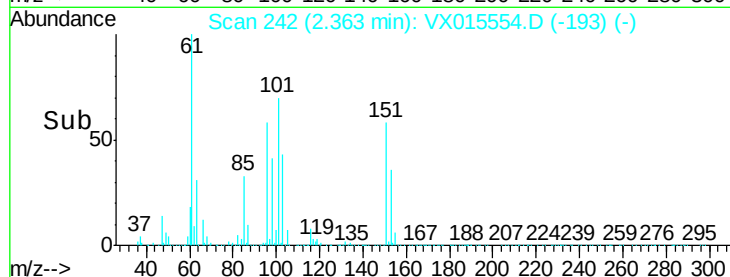
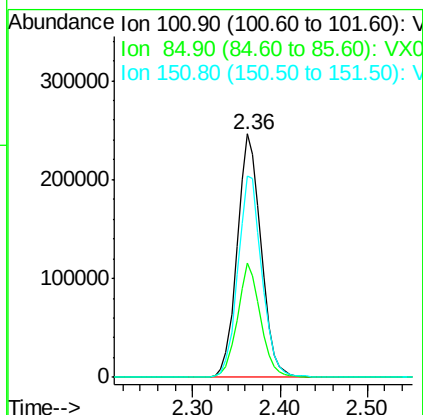
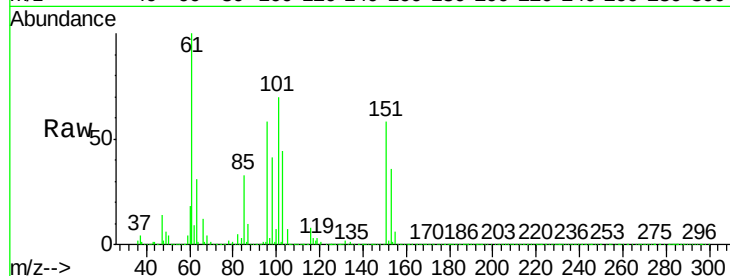
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	468499
Ion Ratio	Lower	Upper	
101	100		
85	44.9	35.0	52.4
151	82.8	64.1	96.1

Manual Integrations
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#10

Methyl Iodide

Concen: 39.533 ug/l

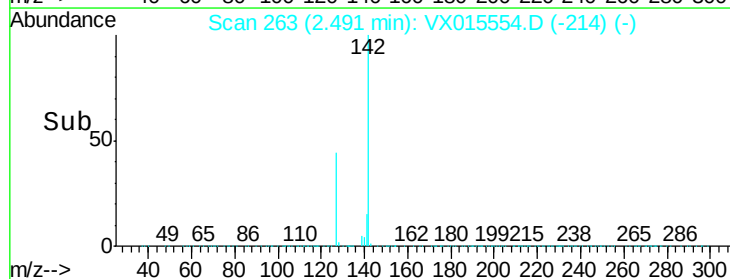
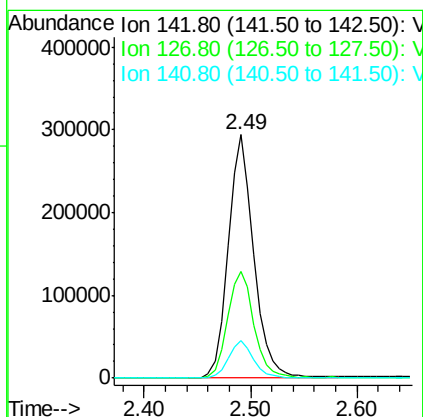
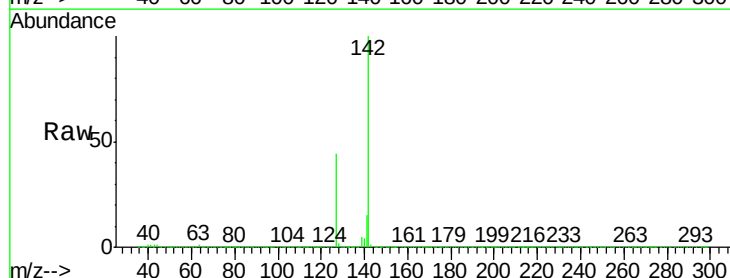
RT: 2.49 min Scan# 263

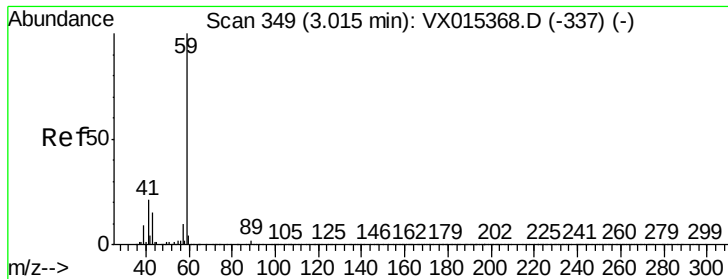
Delta R.T. 0.00 min

Lab File: VX015554.D

Acq: 07 Apr 2020 21:19

Tgt Ion:	142	Resp:	494233
Ion Ratio	Lower	Upper	
142	100		
127	45.8	35.9	53.9
141	14.9	11.6	17.4





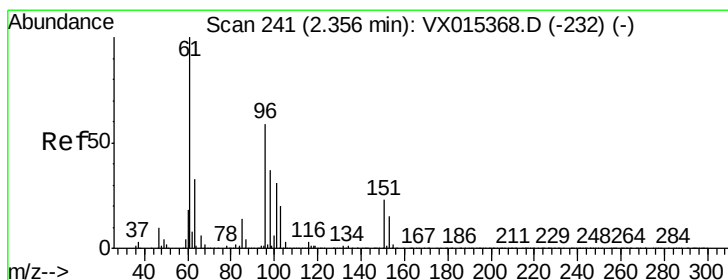
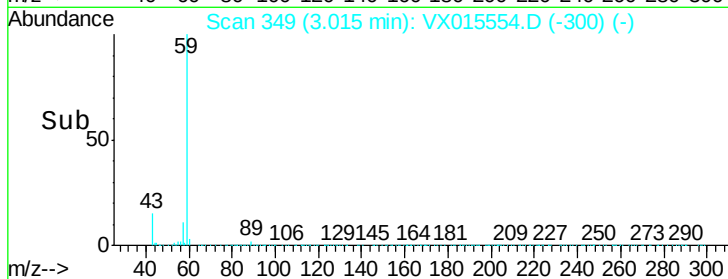
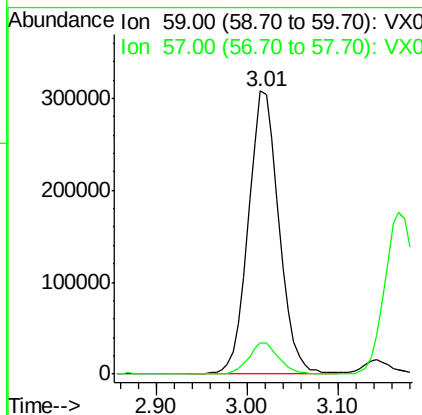
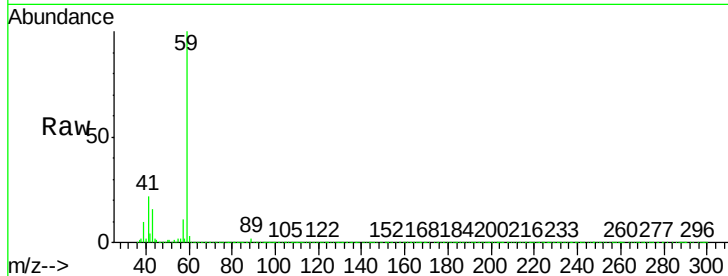
#11
Tert butyl alcohol
Concen: 206.092 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.1	12.1

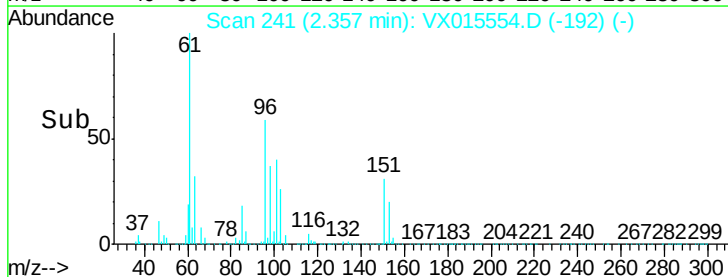
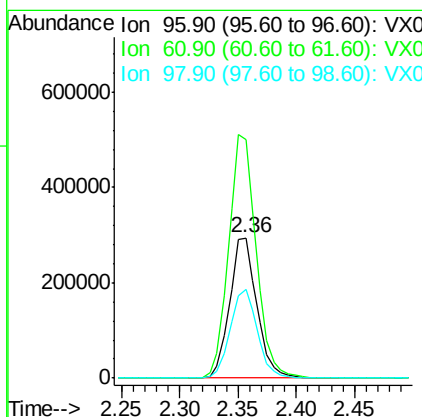
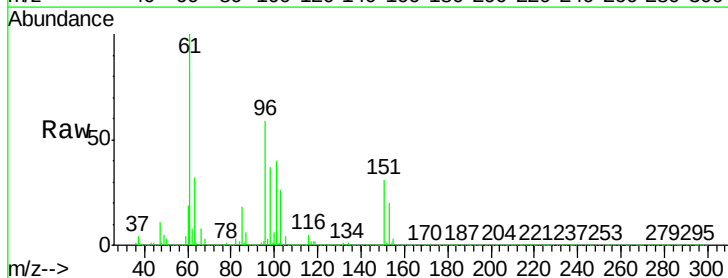
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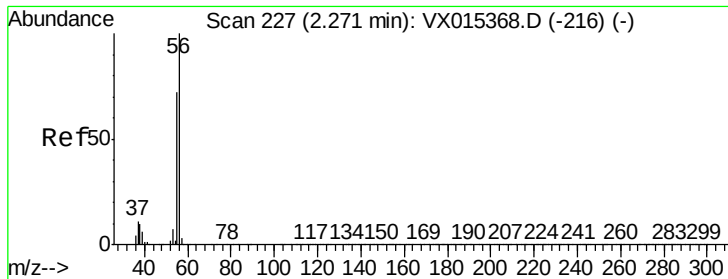
MMDadoda
4/8/2020 11:13:11 AM



#12
1,1-Dichloroethene
Concen: 49.188 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.3	135.7	203.5
98	62.9	50.6	75.8





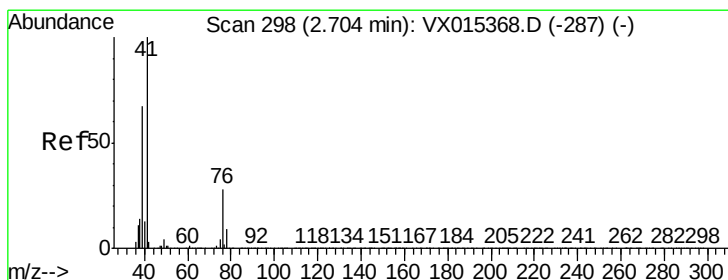
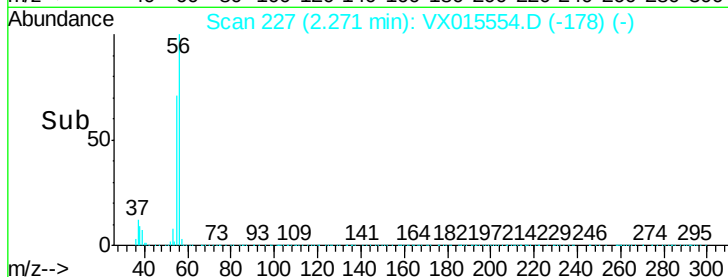
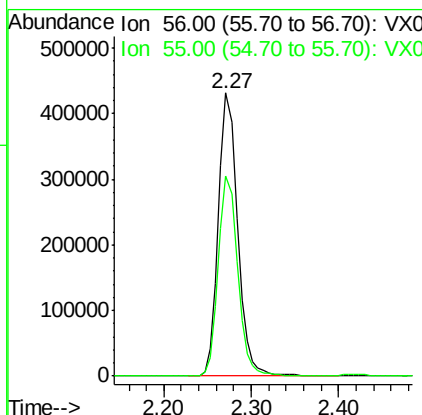
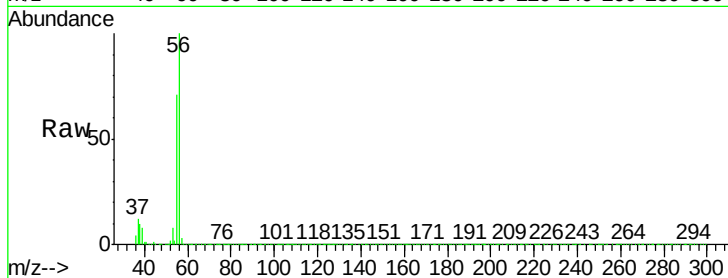
#13
Acrolein
Concen: 331.359 ug/l
RT: 2.27 min Scan# 227
Delta R.T. 0.00 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.2	57.0	85.4

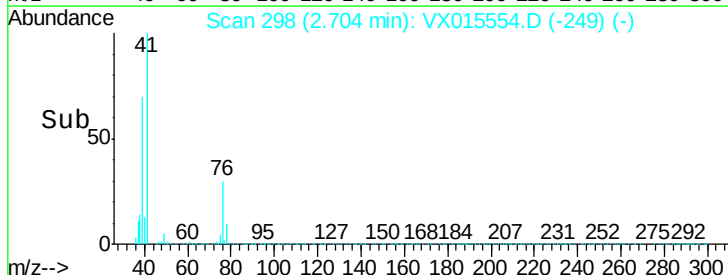
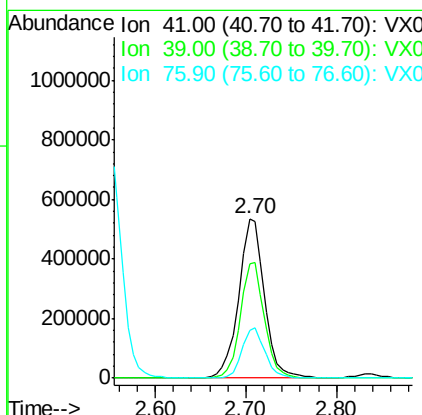
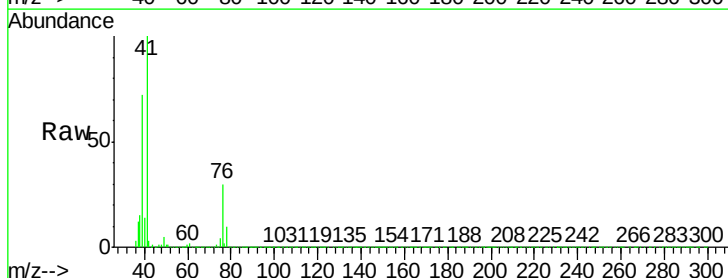
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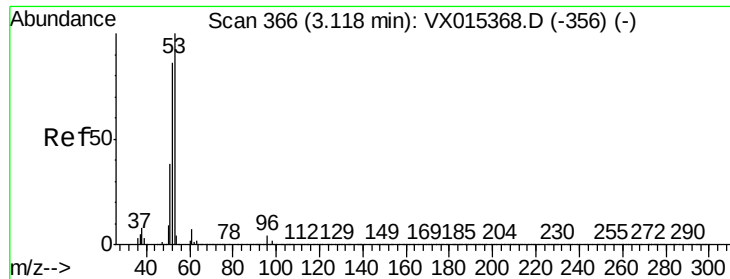
MMDadoda
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#14
Allyl chloride
Concen: 46.133 ug/l
RT: 2.70 min Scan# 298
Delta R.T. 0.00 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Tgt Ion	Ratio	Lower	Upper
41	100		
39	67.4	51.4	77.0
76	28.0	21.8	32.8





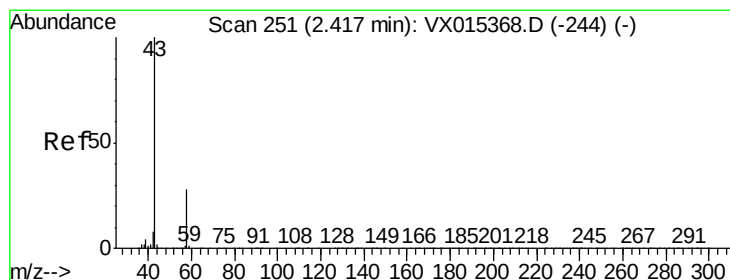
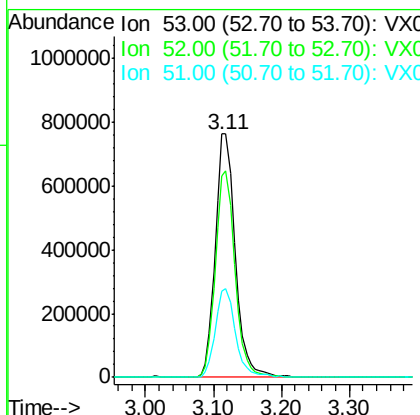
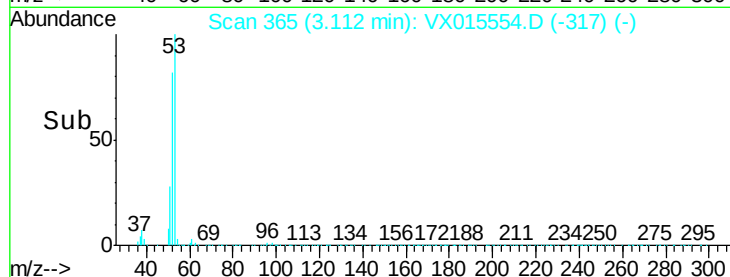
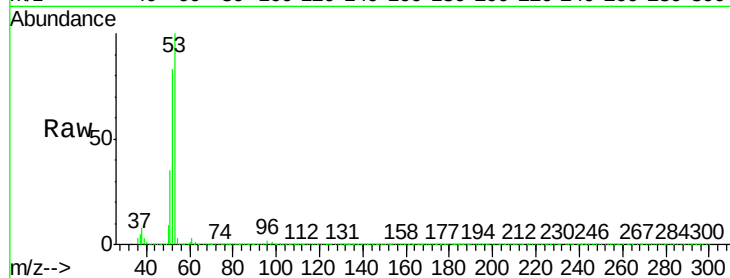
#15
Acrylonitrile
Concen: 234.985 ug/l
RT: 3.11 min Scan# 365
Delta R.T. -0.01 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion:	53	Resp:	1557471
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.8	100.2
51	36.9	29.5	44.3

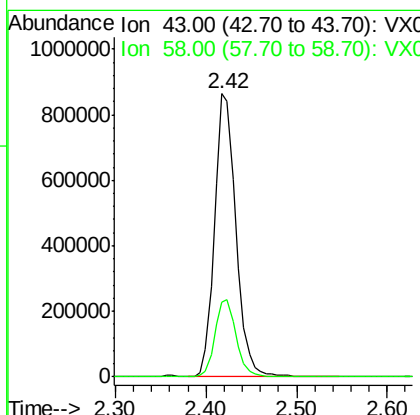
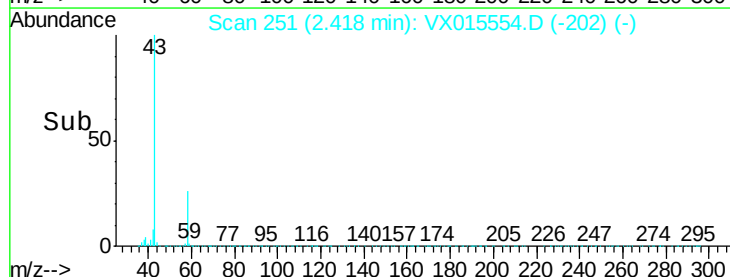
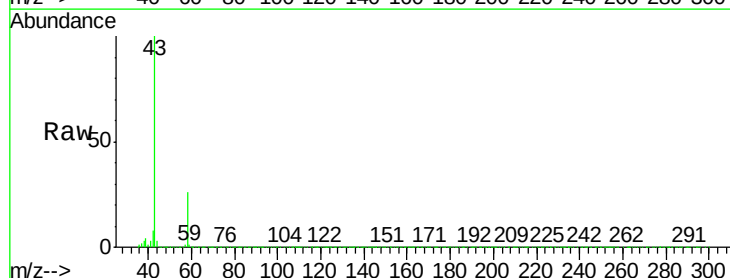
Manual Integrations
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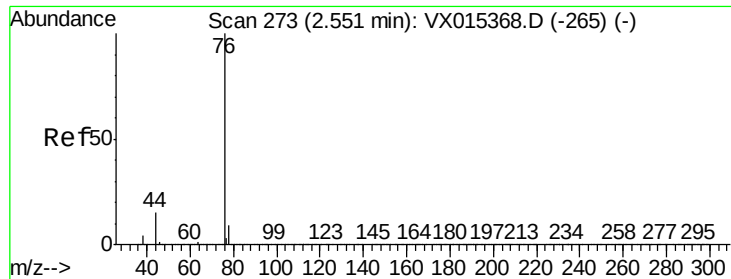
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#16
Acetone
Concen: 226.951 ug/l
RT: 2.42 min Scan# 251
Delta R.T. 0.00 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Tgt Ion:	43	Resp:	1415756
Ion	Ratio	Lower	Upper
43	100		
58	26.4	22.1	33.1





#17

Carbon Disulfide

Concen: 45.221 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015554.D

Acq: 07 Apr 2020 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 1340827

Ion Ratio Lower Upper

76 100

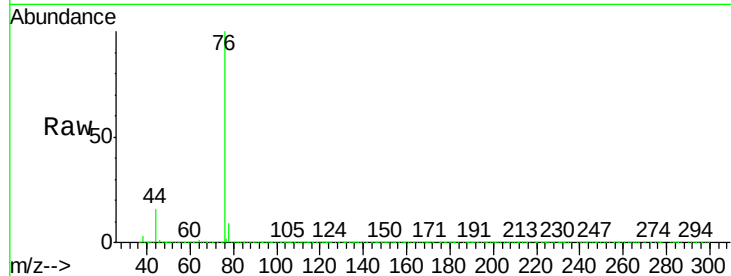
78 8.8 7.1 10.7

Manual Integrations

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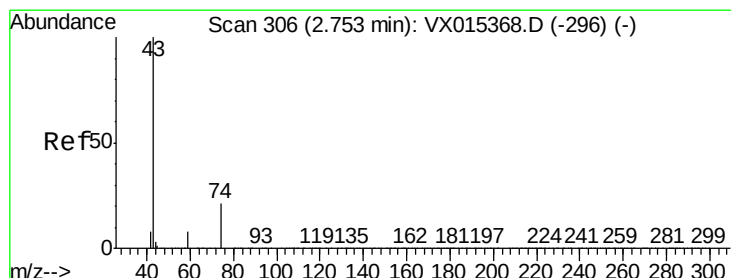
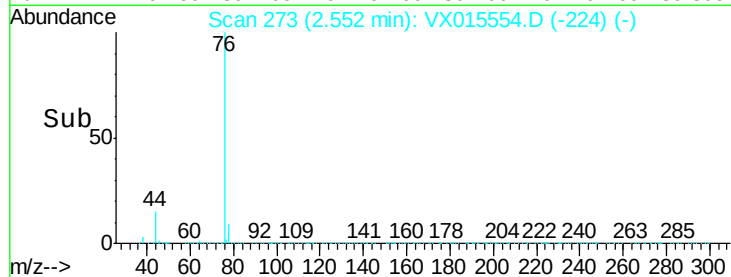
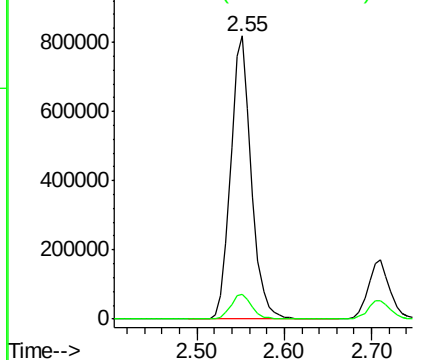
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 49.364 ug/l

RT: 2.75 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX015554.D

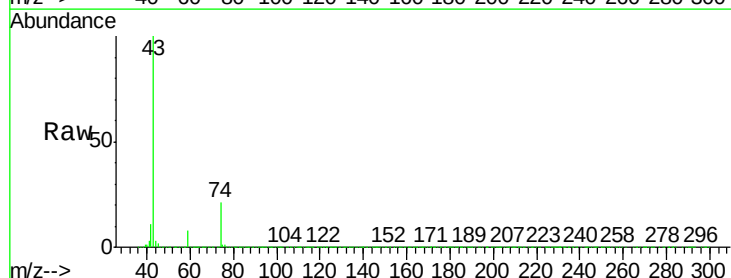
Acq: 07 Apr 2020 21:19

Tgt Ion: 43 Resp: 785948

Ion Ratio Lower Upper

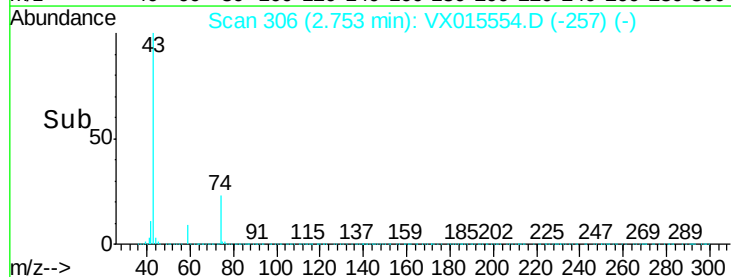
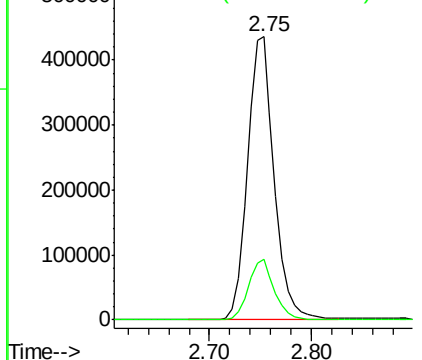
43 100

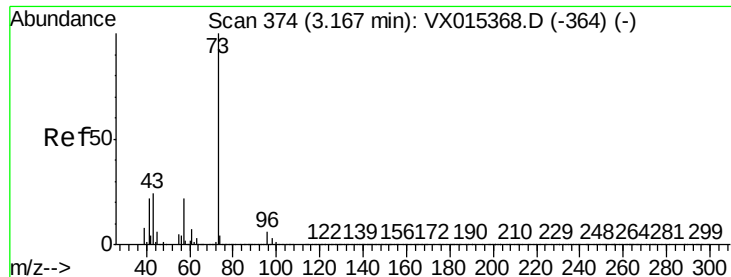
74 21.0 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





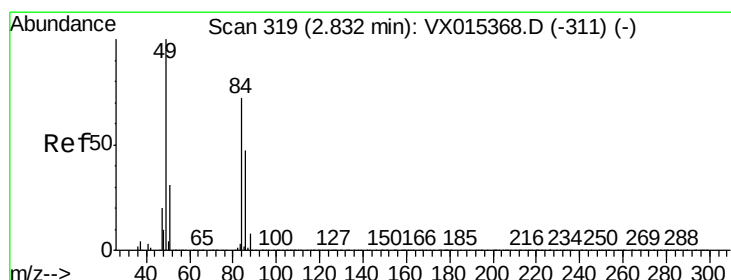
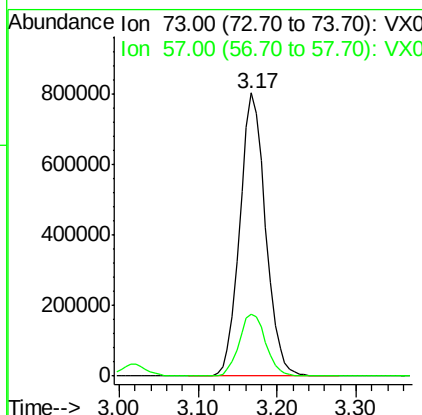
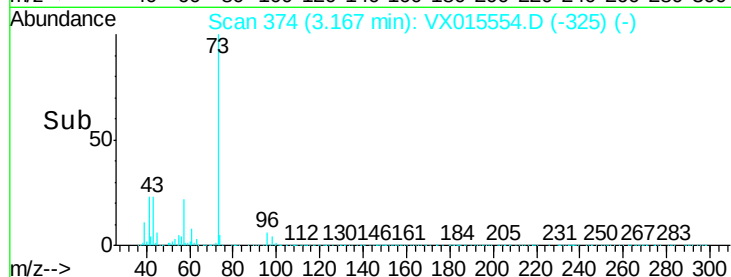
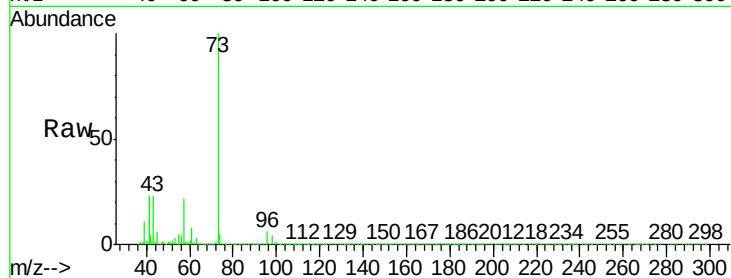
#19
Methyl tert-butyl Ether
Concen: 48.348 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 1822576
Ion Ratio Lower Upper
73 100
57 21.9 17.9 26.9

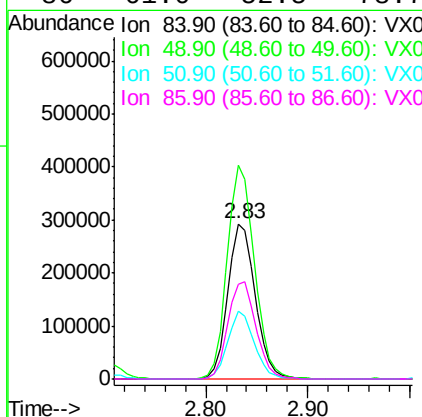
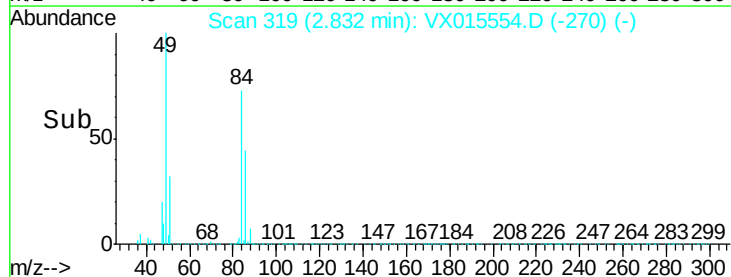
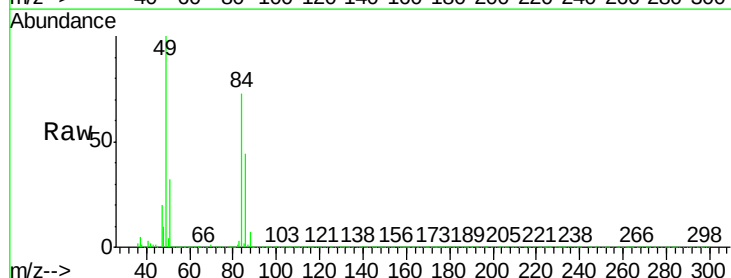
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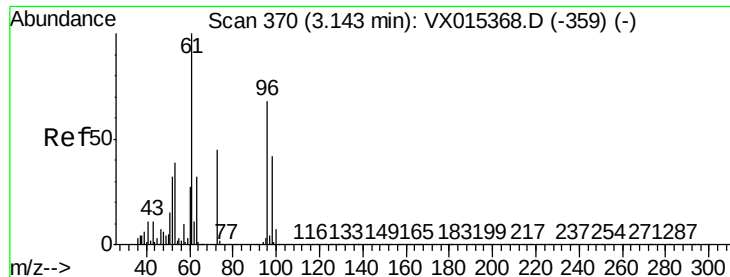
MMDadoda
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#20
Methylene Chloride
Concen: 46.587 ug/l
RT: 2.83 min Scan# 319
Delta R.T. 0.00 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Tgt Ion: 84 Resp: 542832
Ion Ratio Lower Upper
84 100
49 137.7 111.3 166.9
51 43.5 34.0 51.0
86 61.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.196 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015554.D

Acq: 07 Apr 2020 21:19

Instrument :

MSVOA_X

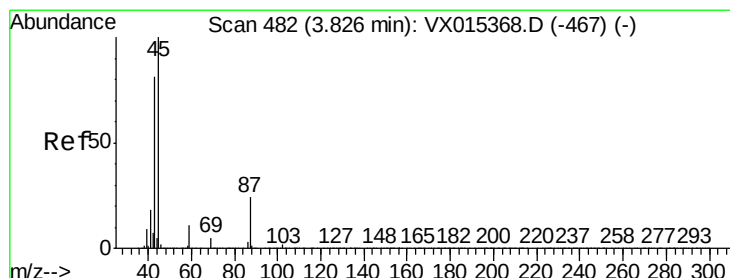
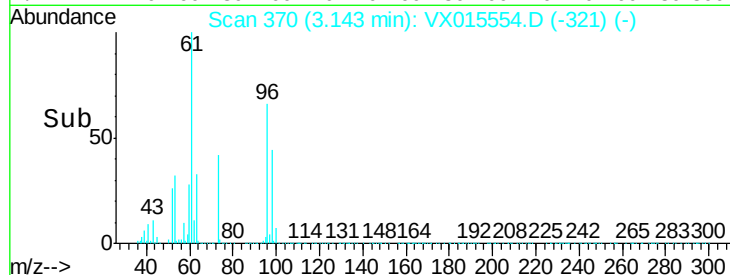
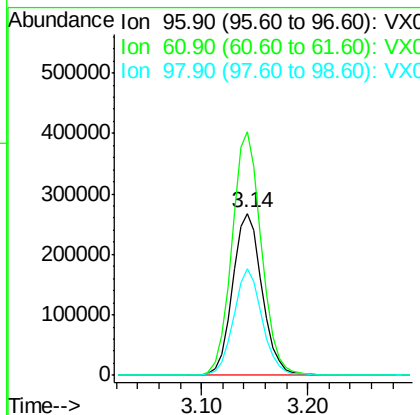
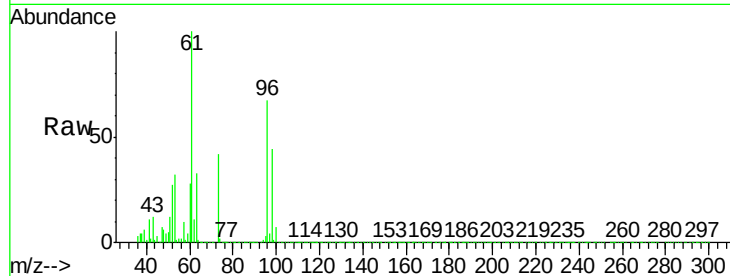
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	519892
Ion Ratio	Lower	Upper	
96	100		
61	150.3	116.9	175.3
98	65.4	48.6	73.0

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#22

Diisopropyl ether

Concen: 49.078 ug/l

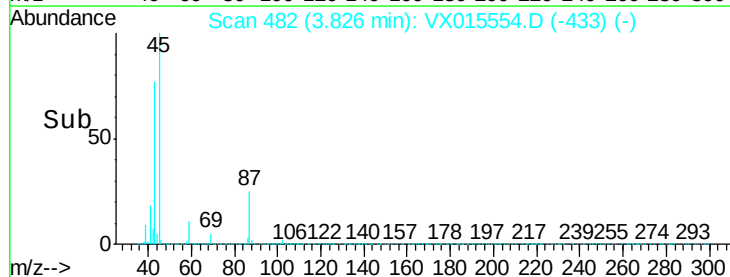
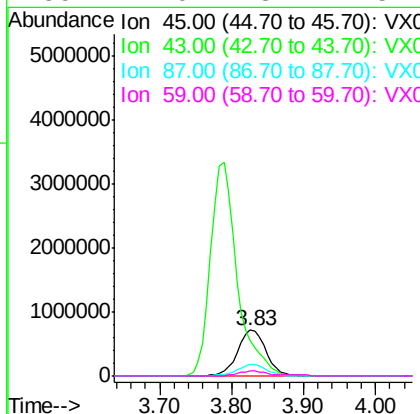
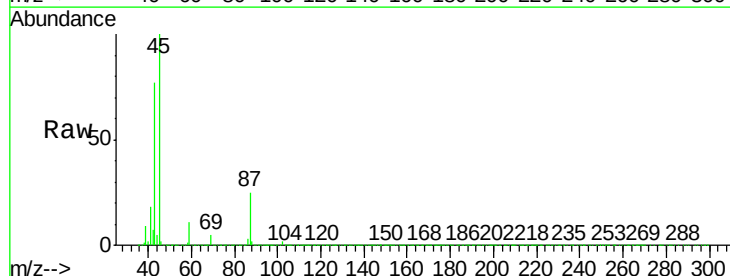
RT: 3.83 min Scan# 482

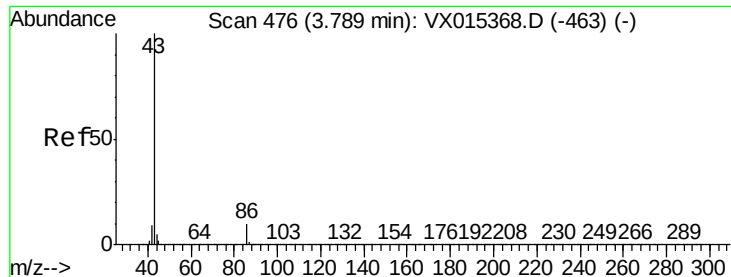
Delta R.T. 0.00 min

Lab File: VX015554.D

Acq: 07 Apr 2020 21:19

Tgt Ion:	45	Resp:	1975042
Ion Ratio	Lower	Upper	
45	100		
43	76.8	64.7	97.1
87	25.4	19.4	29.0
59	11.0	8.7	13.1





#23

Vinyl Acetate

Concen: 237.120 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015554.D

Acq: 07 Apr 2020 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 8639816

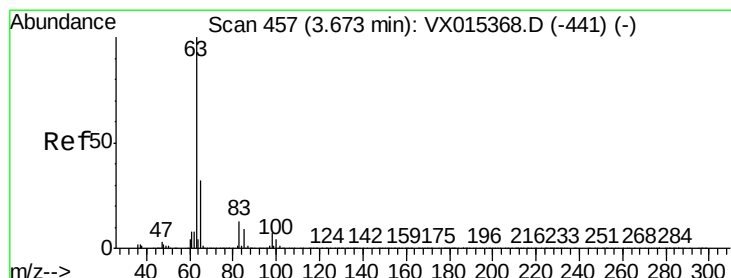
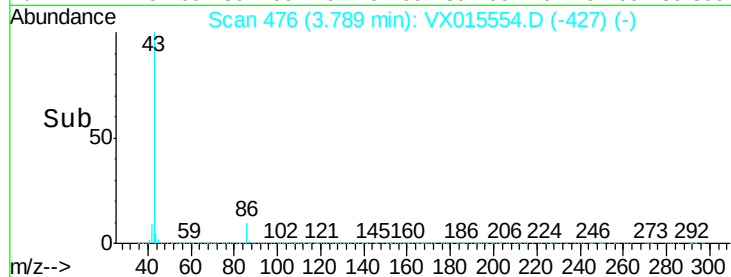
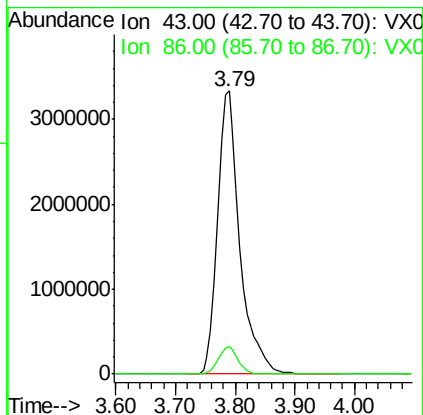
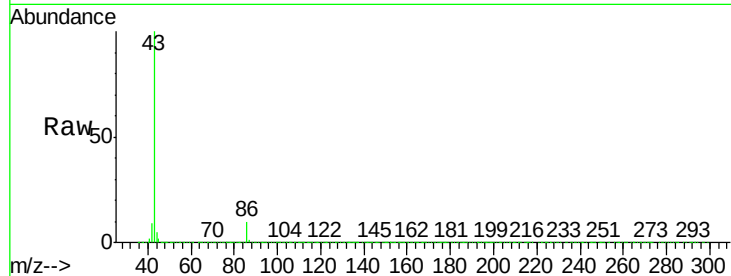
Ion Ratio Lower Upper

43 100

86 9.7 7.8 11.6

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#24

1,1-Dichloroethane

Concen: 48.137 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015554.D

Acq: 07 Apr 2020 21:19

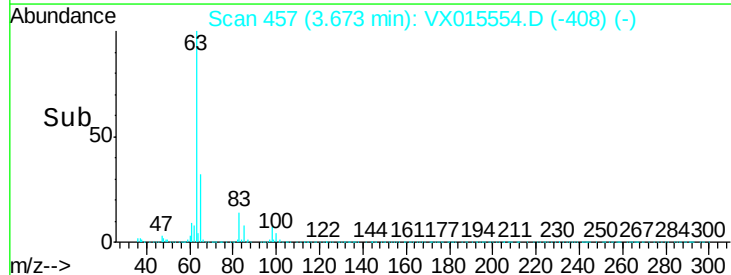
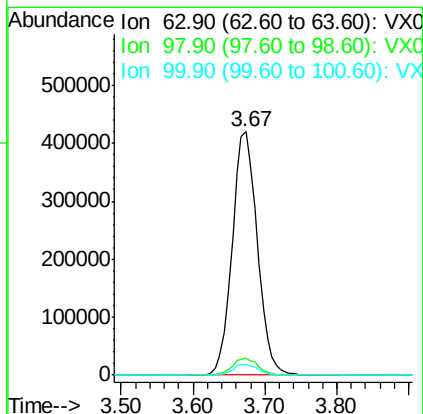
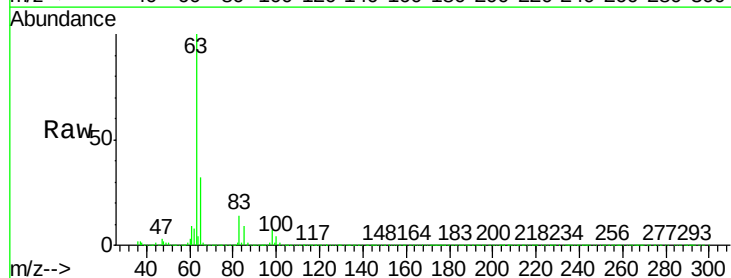
Tgt Ion: 63 Resp: 1019963

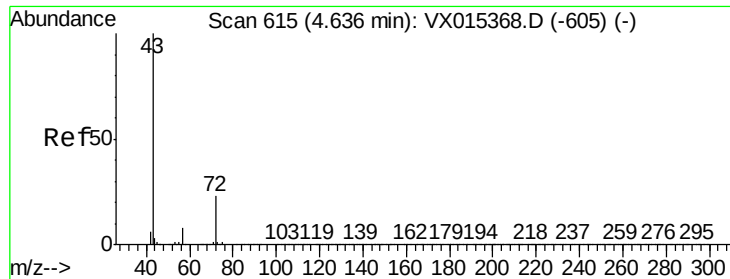
Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

100 4.3 2.1 6.5





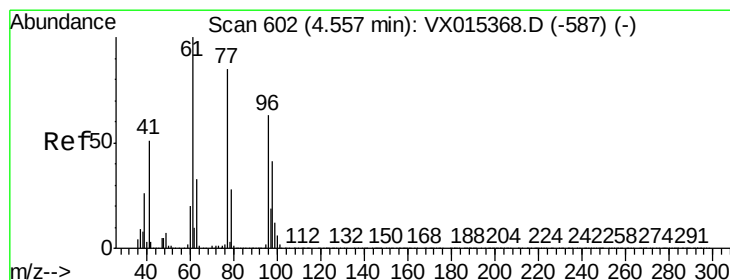
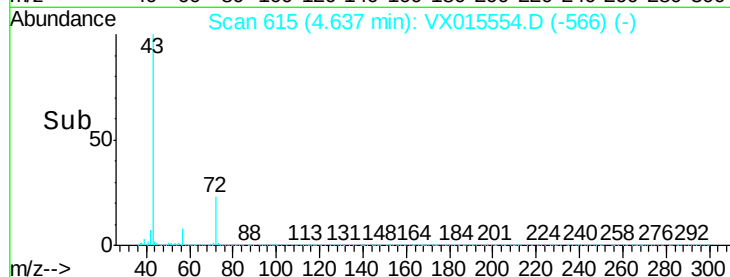
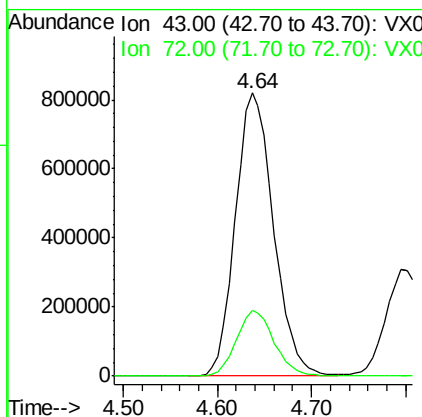
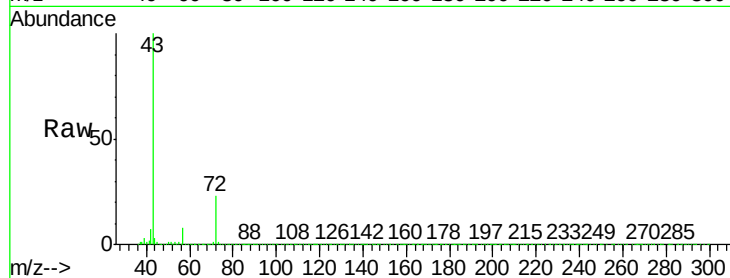
#25
2-Butanone
Concen: 229.436 ug/l
RT: 4.64 min Scan# 615
Delta R.T. 0.00 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 2301762
Ion Ratio Lower Upper
43 100
72 23.2 19.0 28.4

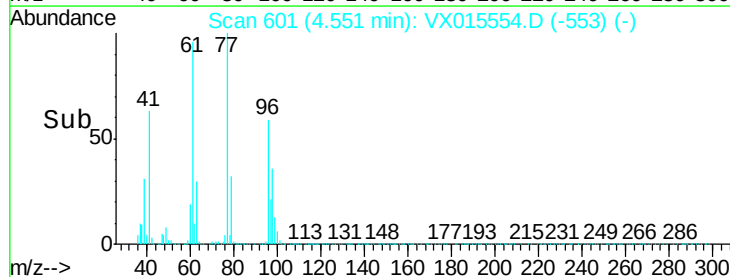
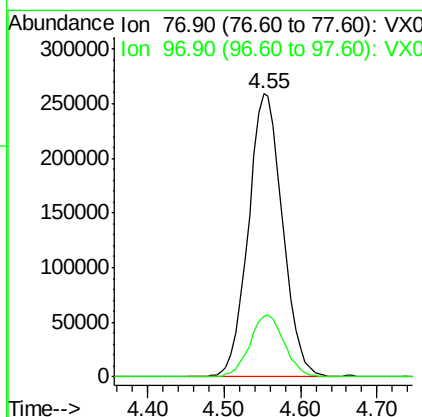
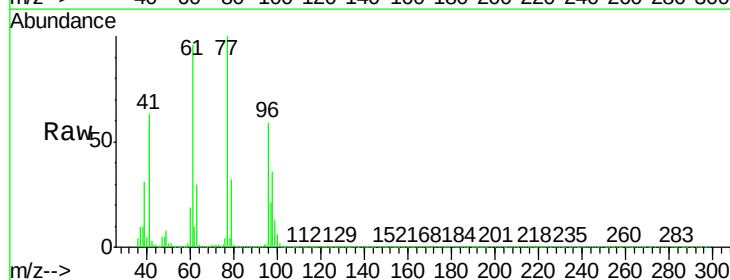
Manual Integrations
APPROVED

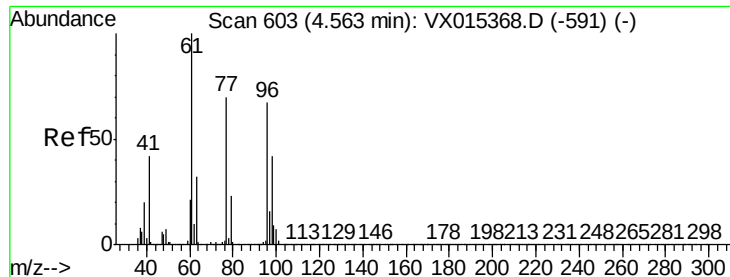
MMDadoda
4/8/2020 11:13:11 AM



#26
2,2-Dichloropropane
Concen: 46.318 ug/l
RT: 4.55 min Scan# 601
Delta R.T. -0.01 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Tgt Ion: 77 Resp: 805556
Ion Ratio Lower Upper
77 100
97 22.1 11.3 33.8





#27

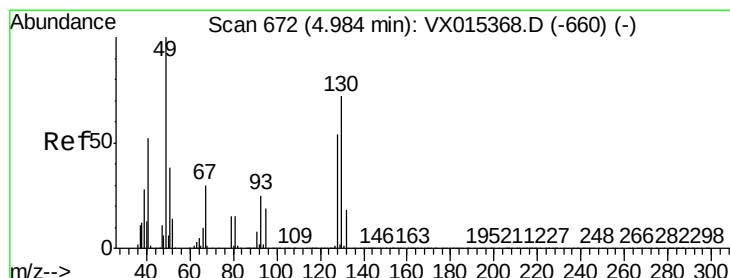
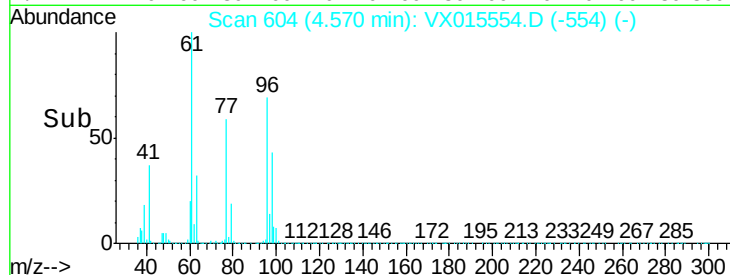
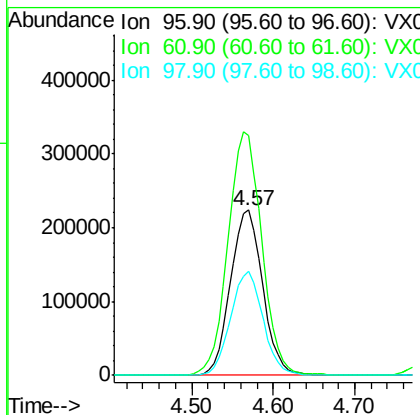
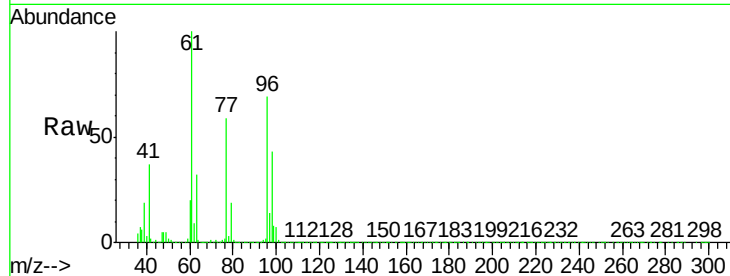
cis-1,2-Dichloroethene
Concen: 48.751 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	608409		
61	155.1	0.0	308.4	
98	63.8	0.0	129.2	

Manual Integrations
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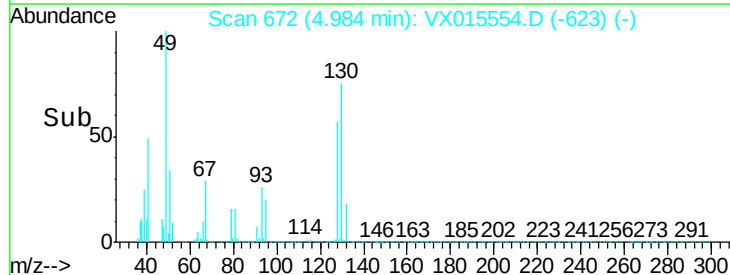
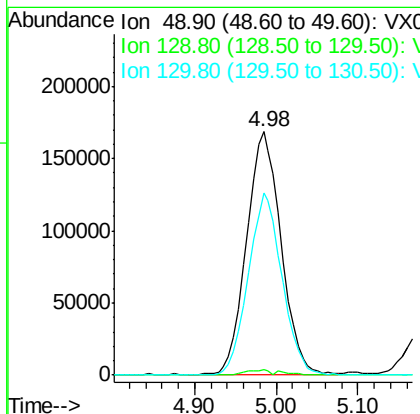
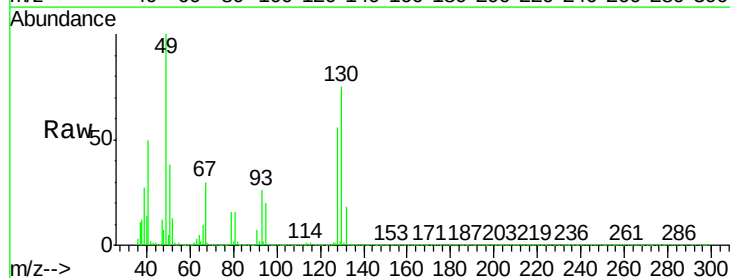
MMDadoda
4/8/2020 11:13:11 AM

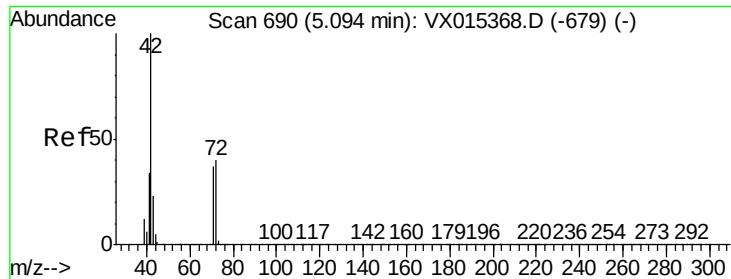


#28

Bromochloromethane
Concen: 48.951 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	495211		
129	1.5	0.0	4.4	
130	73.1	57.7	86.5	





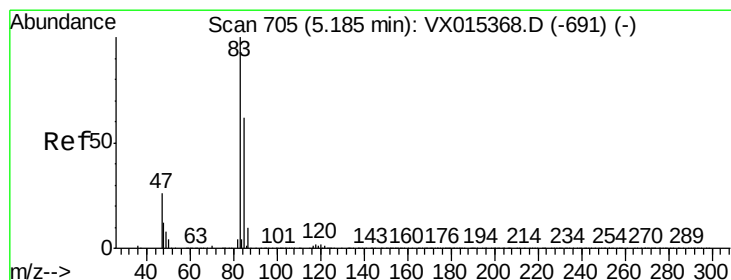
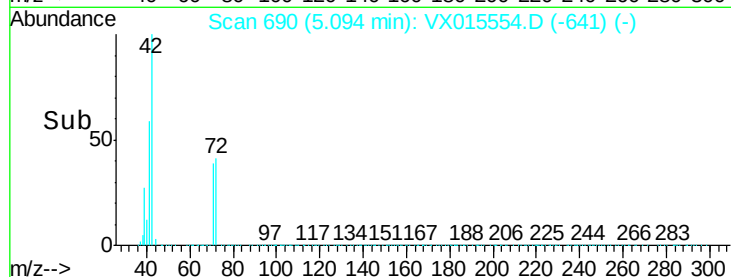
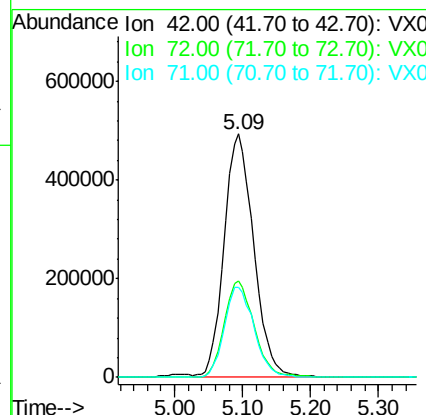
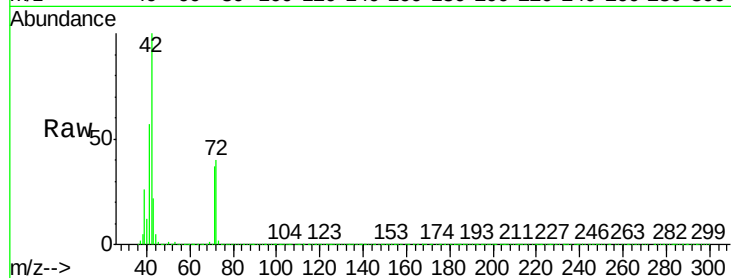
#29
Tetrahydrofuran
Concen: 229.689 ug/l
RT: 5.09 min Scan# 690
Delta R.T. 0.00 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.2	31.7	47.5
71	37.2	29.6	44.4

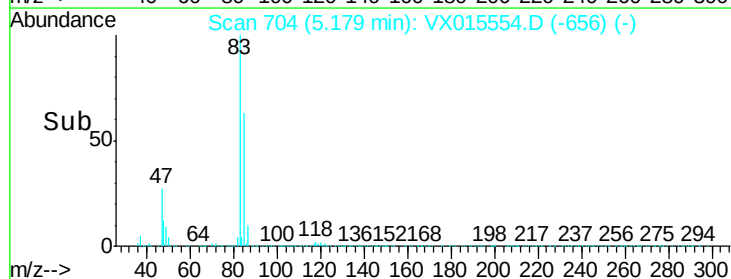
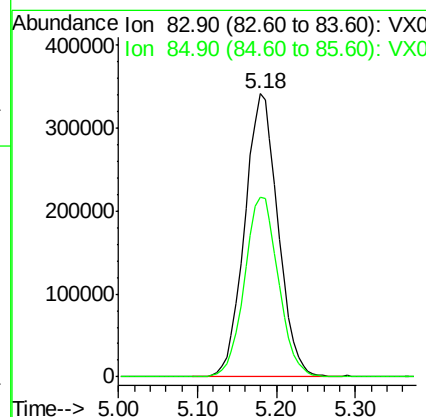
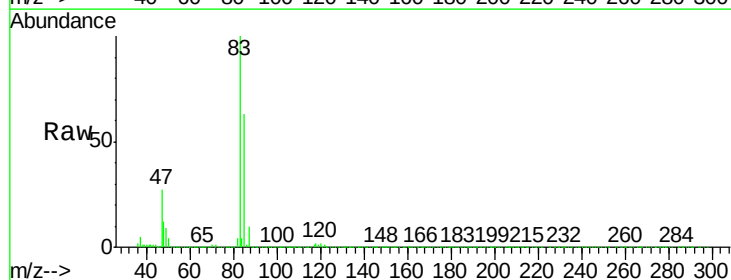
Manual Integrations
APPROVED

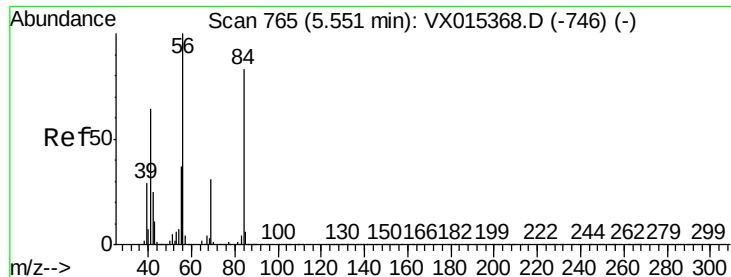
MMDadoda
4/8/2020 11:13:11 AM



#30
Chloroform
Concen: 49.021 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	49.5	74.3





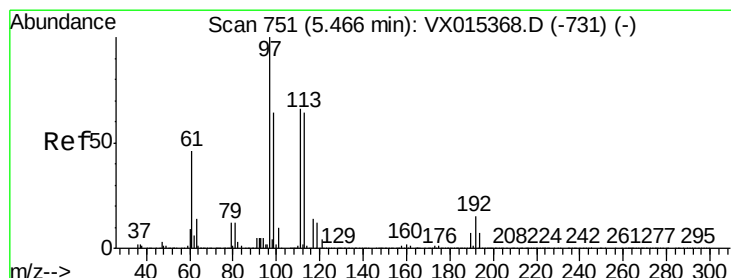
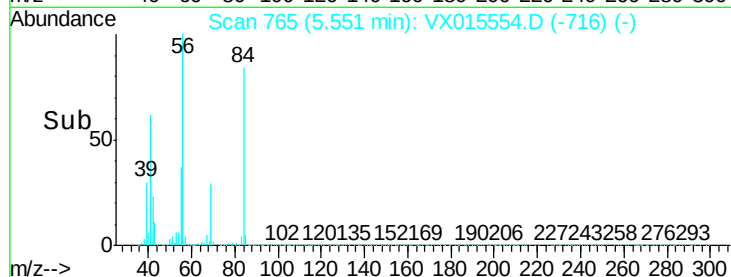
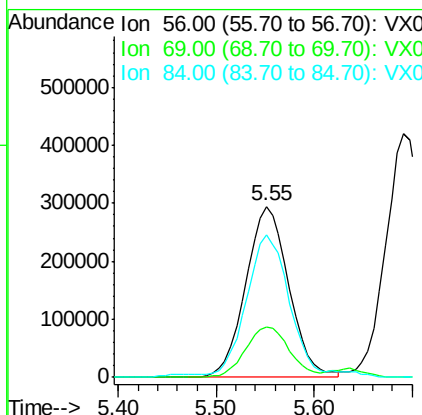
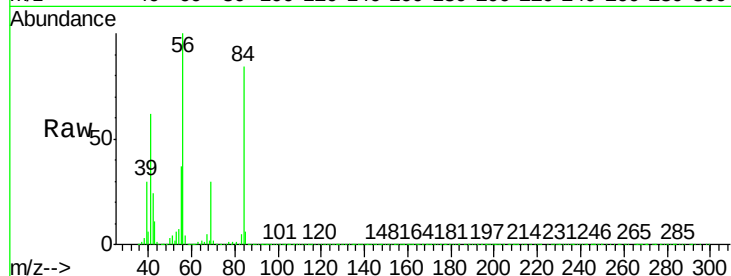
#31
Cyclohexane
Concen: 48.969 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		900098		
69	29.5	24.6	36.8		
84	82.0	66.1	99.1		

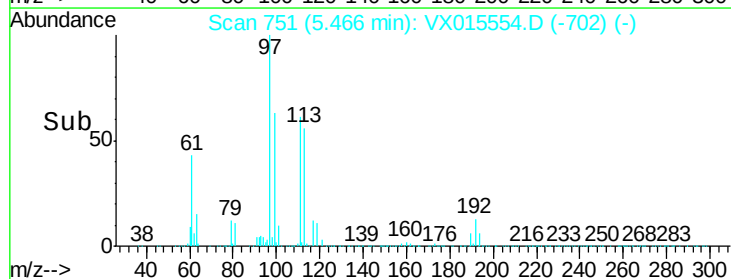
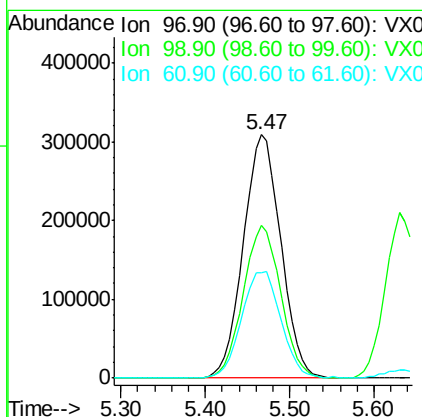
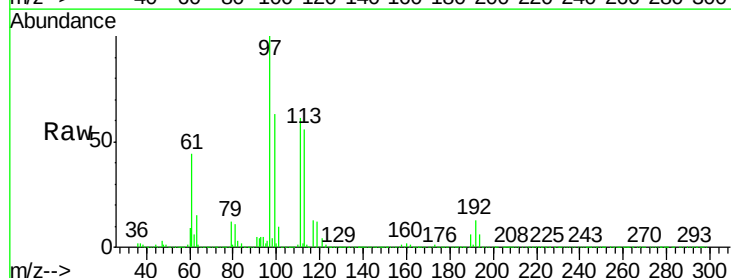
Manual Integrations
APPROVED

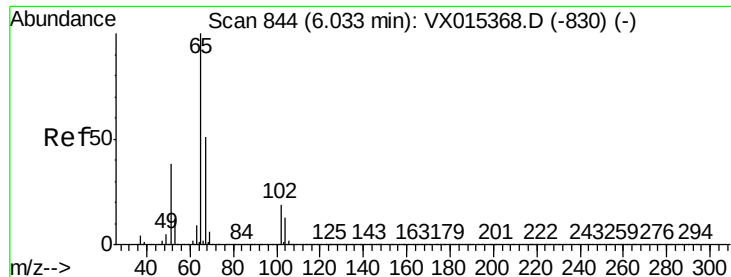
MMDadoda
4/8/2020 11:13:11 AM



#32
1,1,1-Trichloroethane
Concen: 50.632 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		934094		
99	62.7	51.0	76.4		
61	46.1	36.1	54.1		





#33

1,2-Dichloroethane-d4

Concen: 48.853 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015554.D

Acq: 07 Apr 2020 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 709355

Ion Ratio Lower Upper

65 100

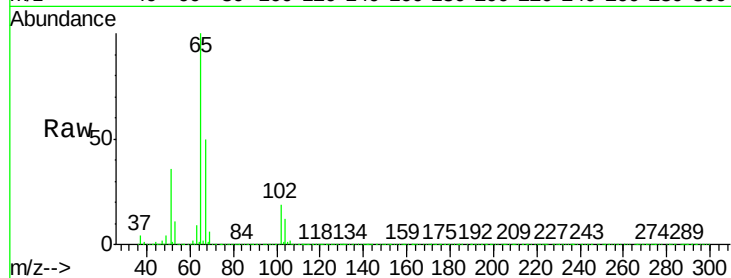
67 50.2 0.0 102.6

Manual Integrations

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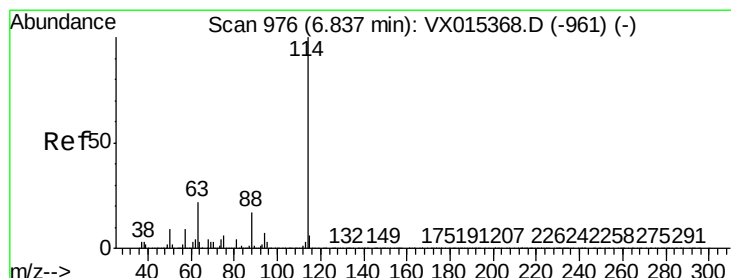
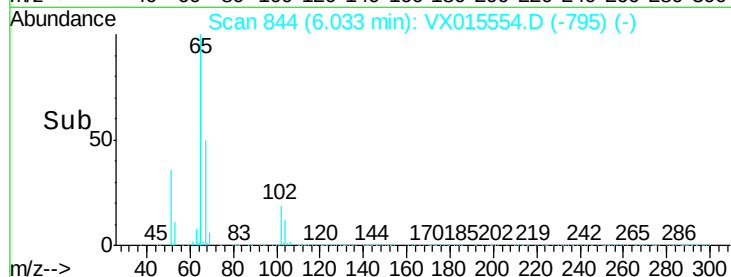
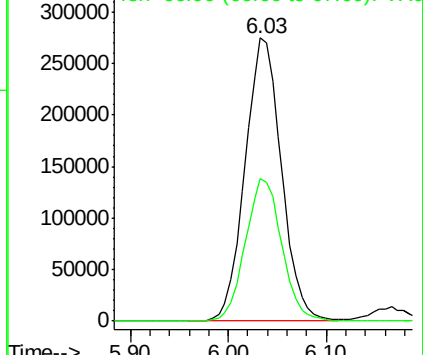
MMDadoda

4/8/2020 11:13:11 AM



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015554.D

Acq: 07 Apr 2020 21:19

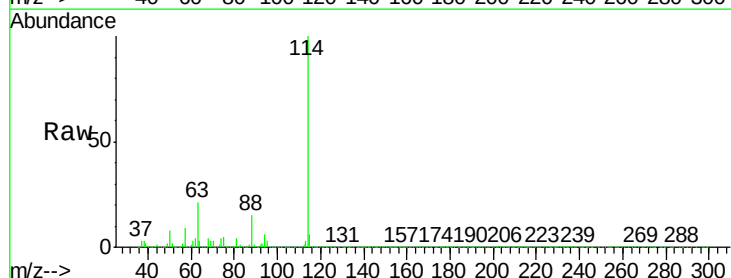
Tgt Ion: 114 Resp: 1652603

Ion Ratio Lower Upper

114 100

63 21.0 0.0 44.2

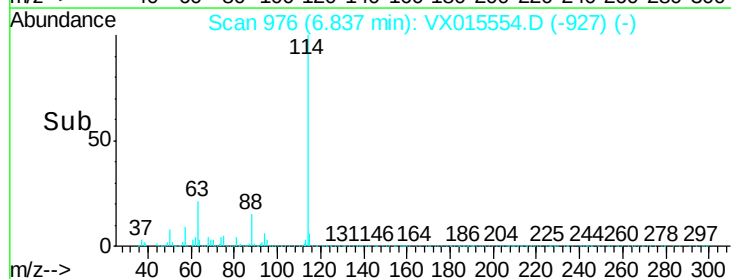
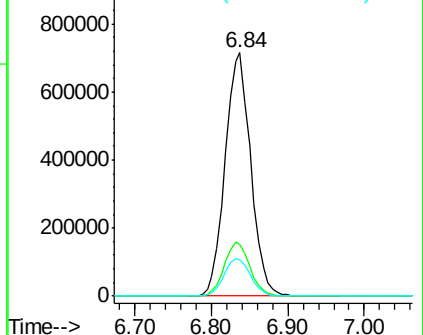
88 14.9 0.0 33.8

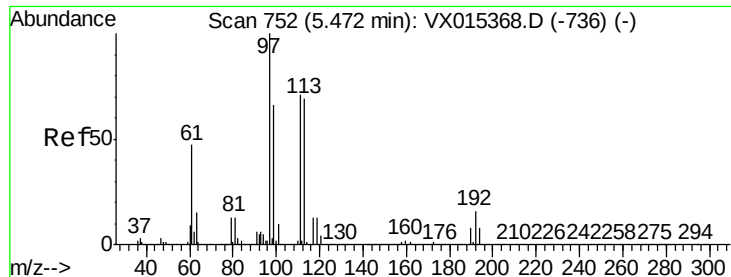


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





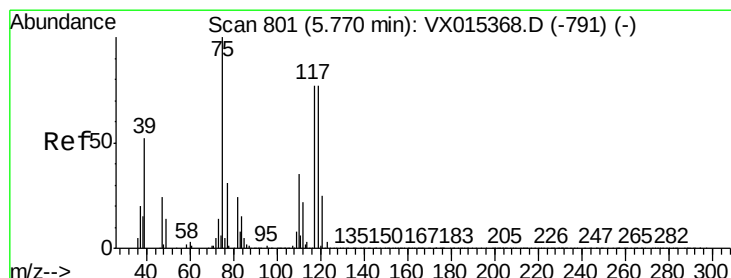
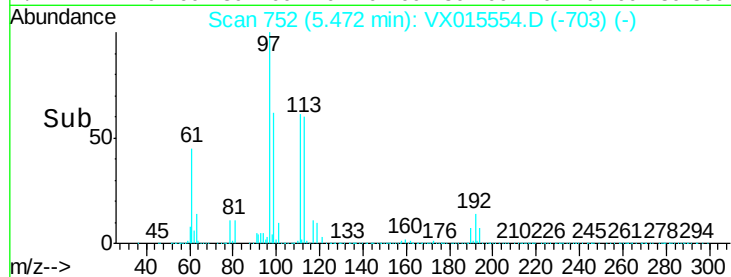
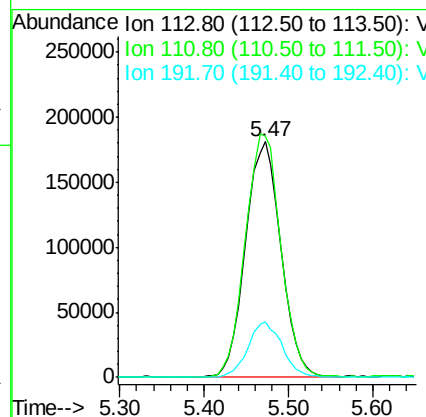
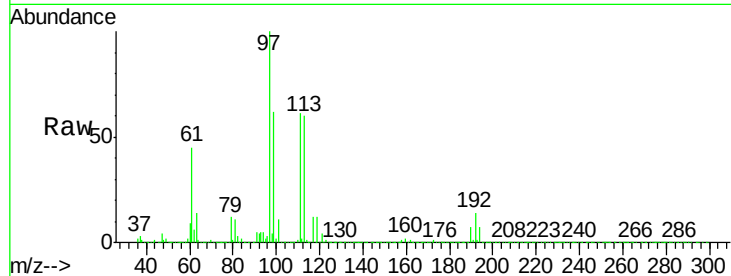
#35
 Dibromofluoromethane
 Concen: 48.823 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: VX015554.D
 Acq: 07 Apr 2020 21:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	515765		
111	103.2	81.5	122.3	
192	23.0	17.8	26.6	

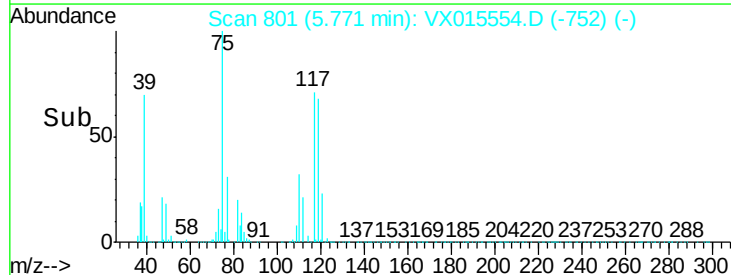
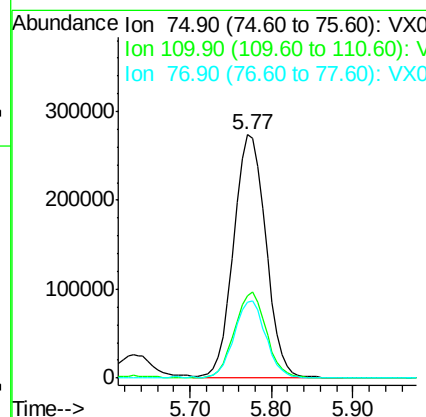
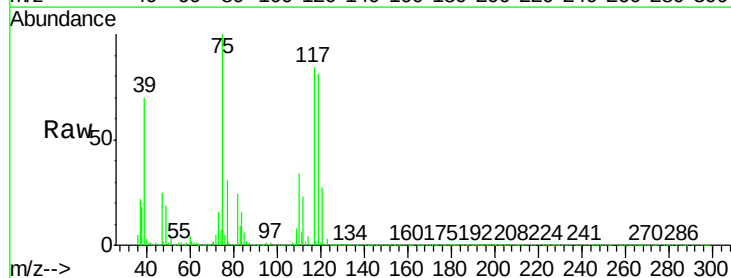
Manual Integrations
 APPROVED

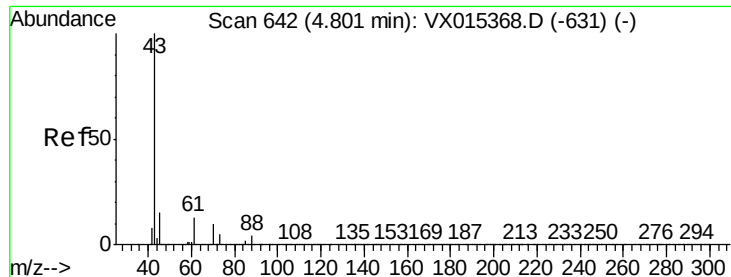
MMDadoda
 4/8/2020 11:13:11 AM



#36
 1,1-Dichloropropene
 Concen: 48.976 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. 0.00 min
 Lab File: VX015554.D
 Acq: 07 Apr 2020 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	745758		
110	34.5	17.1	51.3	
77	31.0	24.6	36.8	





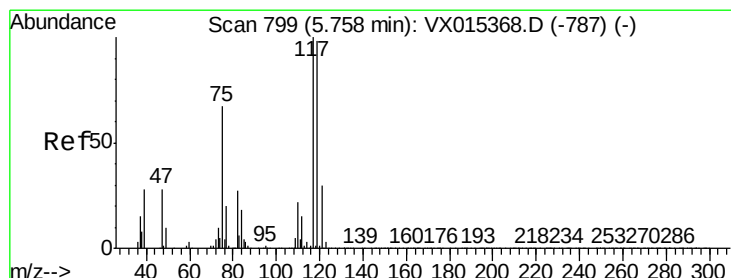
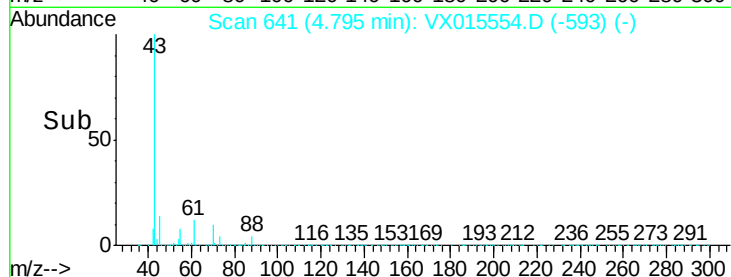
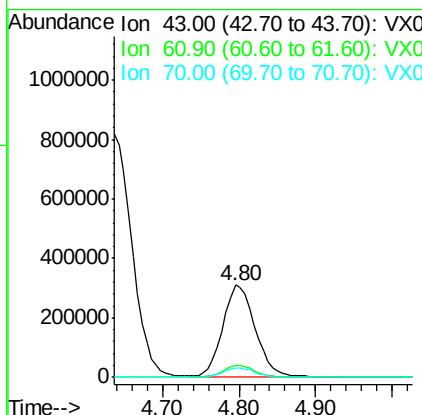
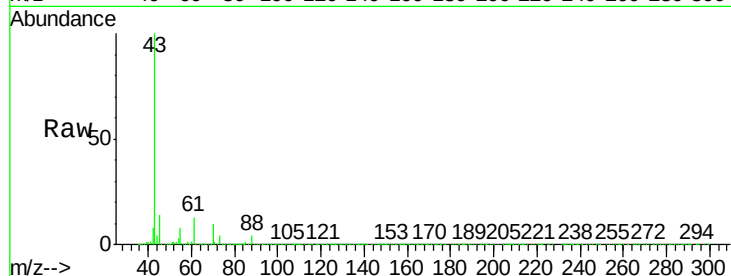
#37
Ethyl Acetate
Concen: 45.650 ug/l
RT: 4.80 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	43	Resp	905085
Ion Ratio	Lower	Upper	
43	100		
61	12.4	9.9	14.9
70	10.1	8.1	12.1

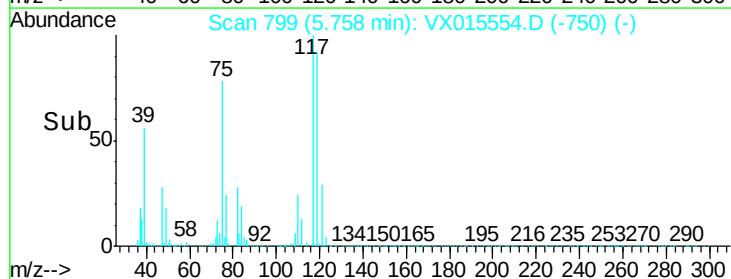
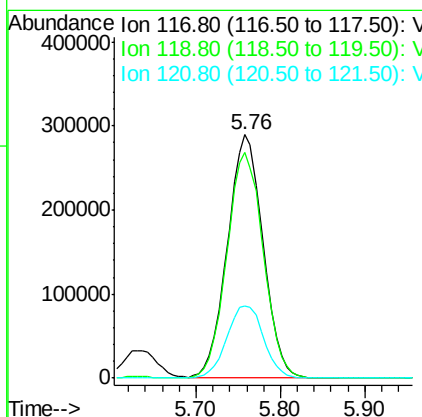
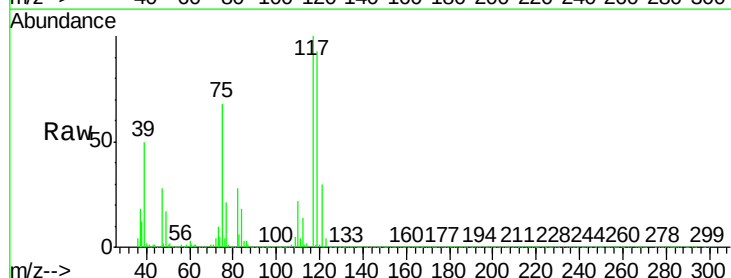
Manual Integrations
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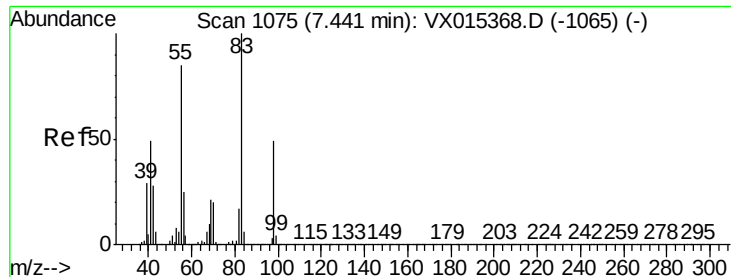
MMDadoda
4/8/2020 11:13:11 AM



#38
Carbon Tetrachloride
Concen: 50.214 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Tgt Ion	117	Resp	828151
Ion Ratio	Lower	Upper	
117	100		
119	92.5	78.0	117.0
121	29.5	23.8	35.8





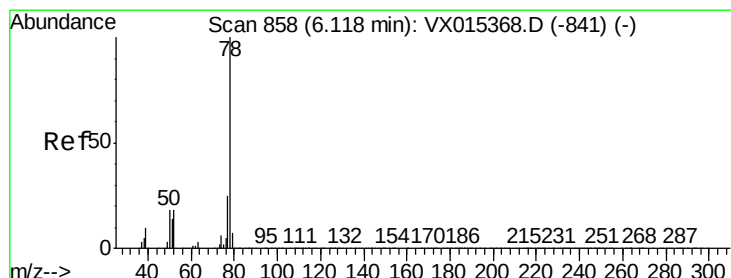
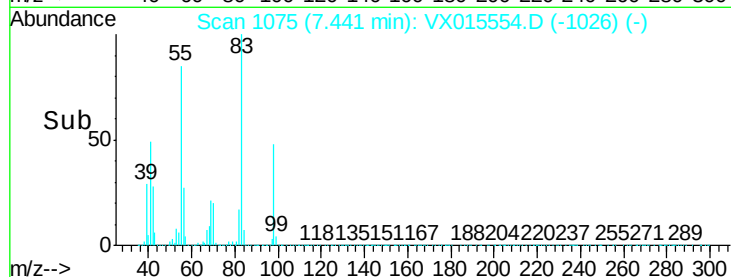
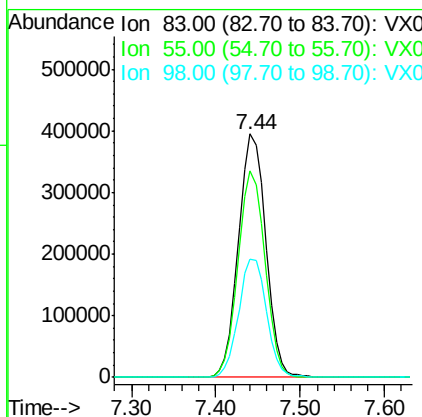
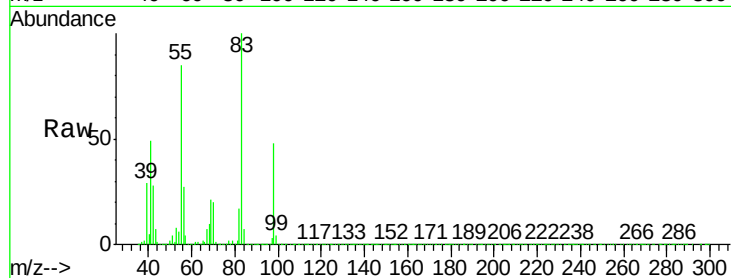
#39
Methylvlcyclohexane
Concen: 49.267 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.6	67.8	101.6
98	48.3	39.3	58.9

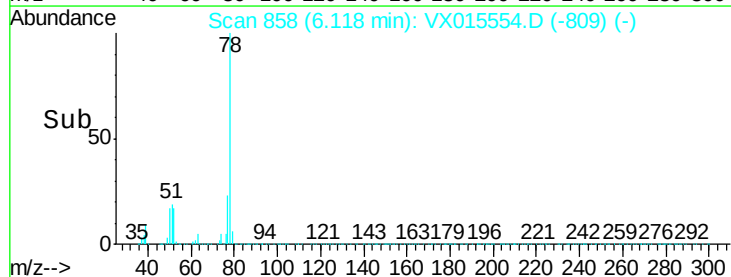
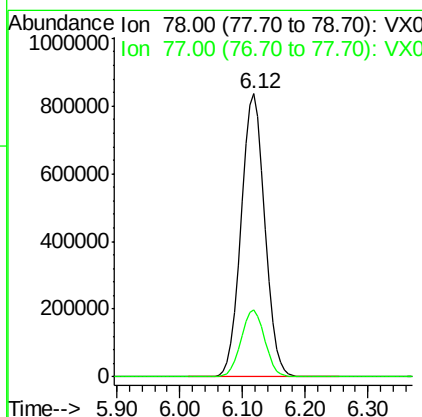
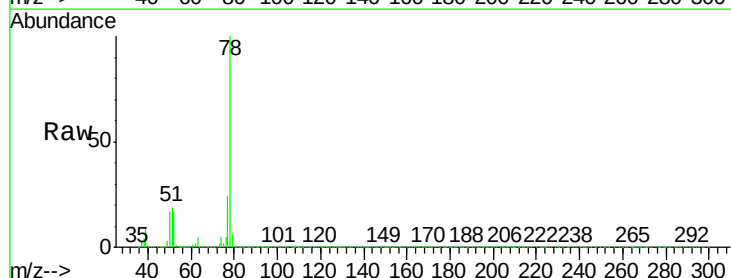
Manual Integrations
APPROVED

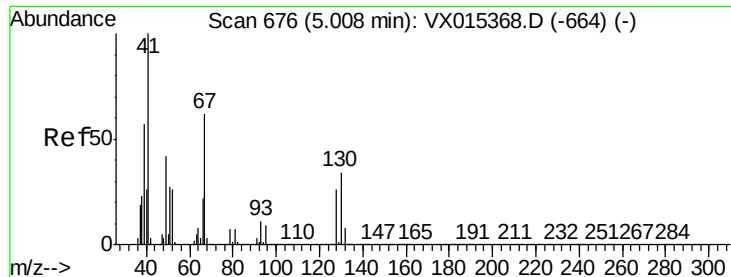
MMDadoda
4/8/2020 11:13:11 AM



#40
Benzene
Concen: 48.922 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.8	29.8





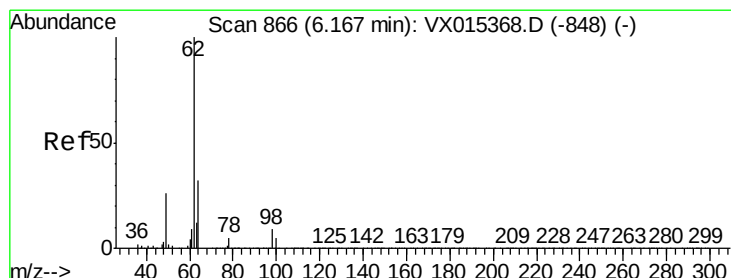
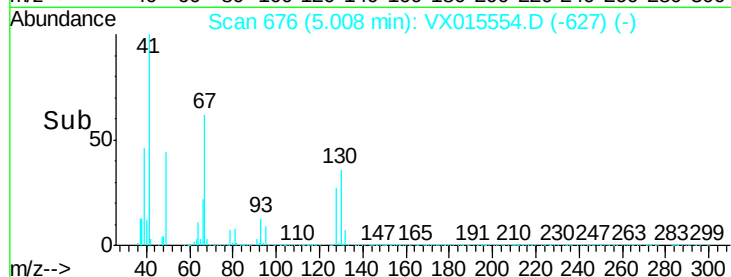
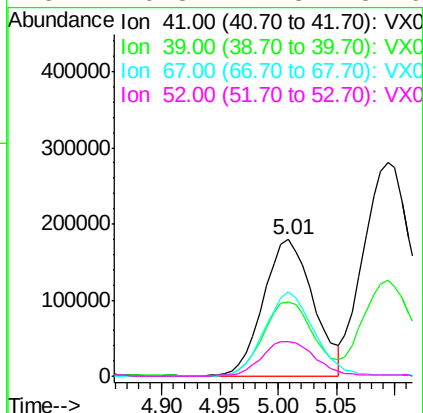
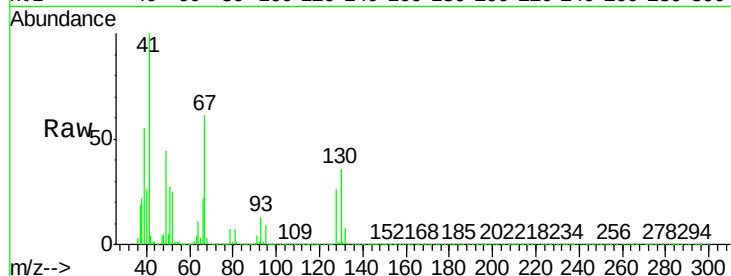
#41
Methacrylonitrile
Concen: 48.316 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	55.1	44.5	66.7	
67	60.7	48.9	73.3	
52	26.8	21.8	32.6	

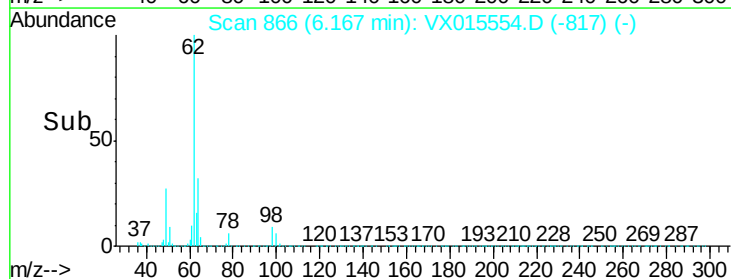
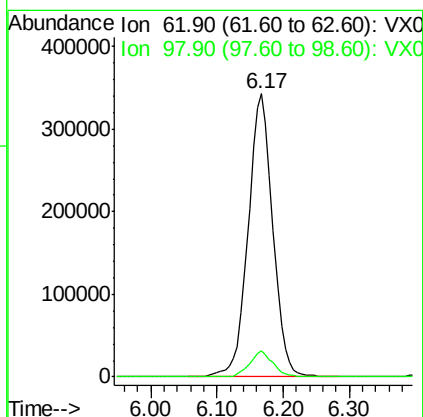
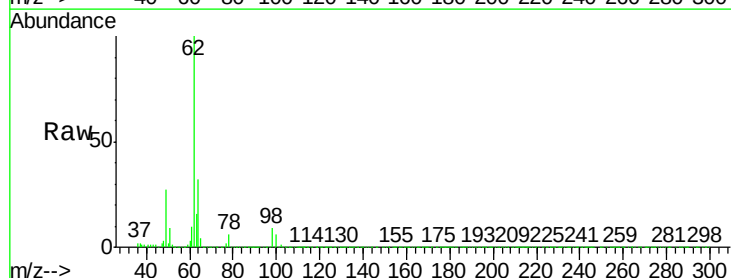
Manual Integrations
APPROVED

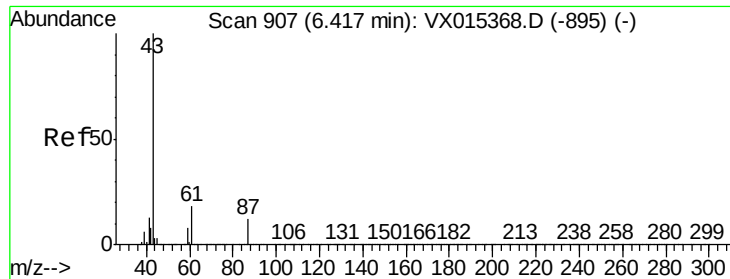
MMDadoda
4/8/2020 11:13:11 AM



#42
1,2-Dichloroethane
Concen: 49.633 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.5	0.0	17.6	





#43

Isopropyl Acetate

Concen: 46.370 ug/l

RT: 6.42 min Scan# 907

Delta R.T. 0.00 min

Lab File: VX015554.D

Acq: 07 Apr 2020 21:19

Instrument :

MSVOA_X

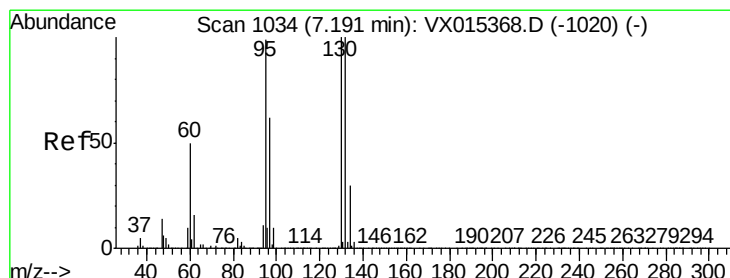
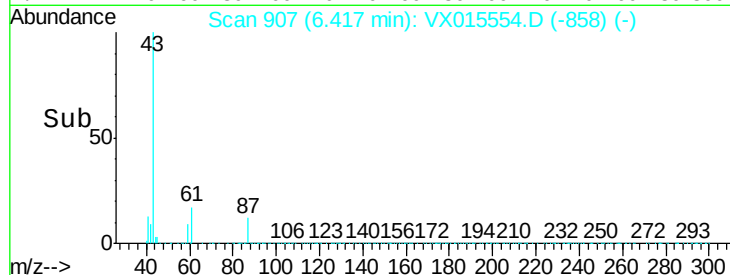
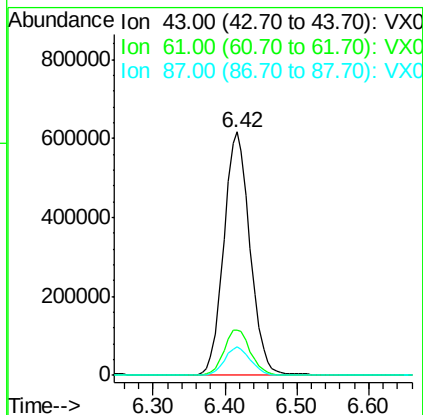
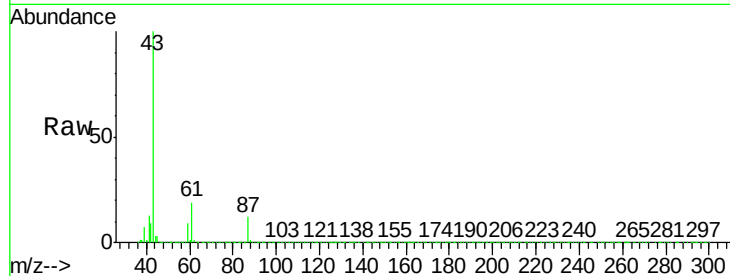
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	1551965
Ion	Ratio	Lower	Upper
43	100		
61	18.8	14.8	22.2
87	11.7	9.4	14.0

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#44

Trichloroethene

Concen: 49.384 ug/l

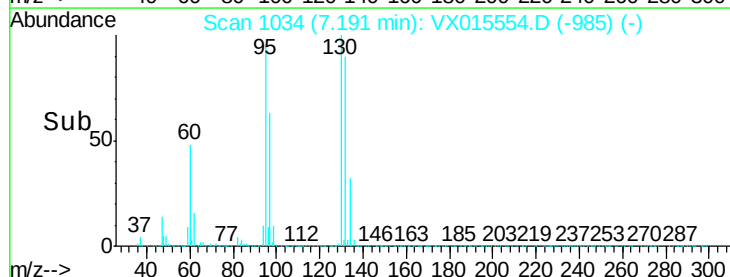
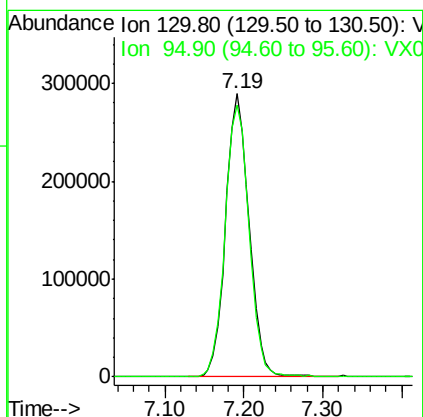
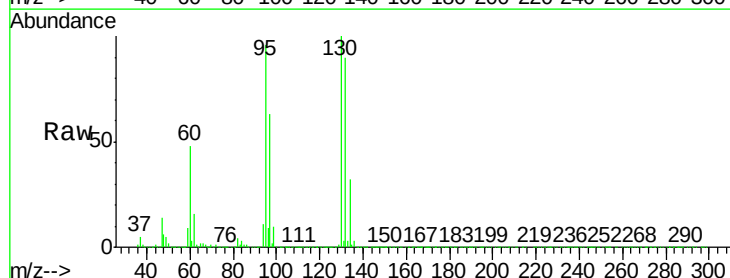
RT: 7.19 min Scan# 1034

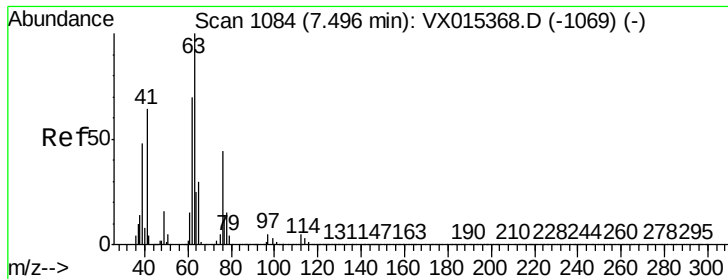
Delta R.T. 0.00 min

Lab File: VX015554.D

Acq: 07 Apr 2020 21:19

Tgt Ion:	130	Resp:	600729
Ion	Ratio	Lower	Upper
130	100		
95	95.9	0.0	199.0





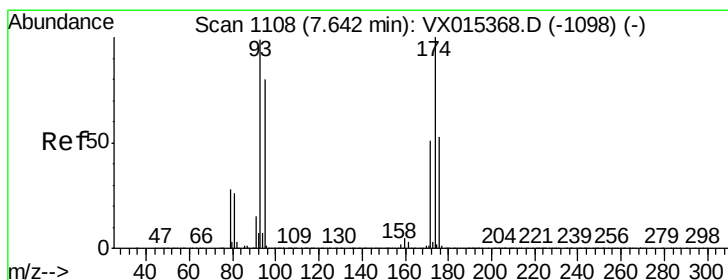
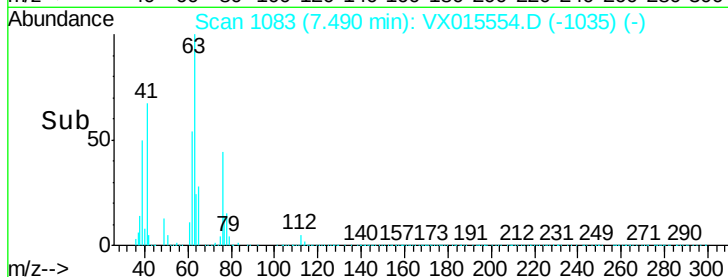
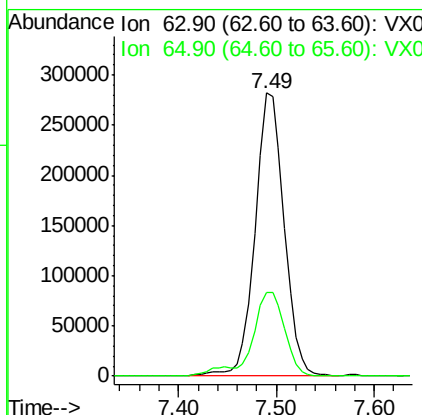
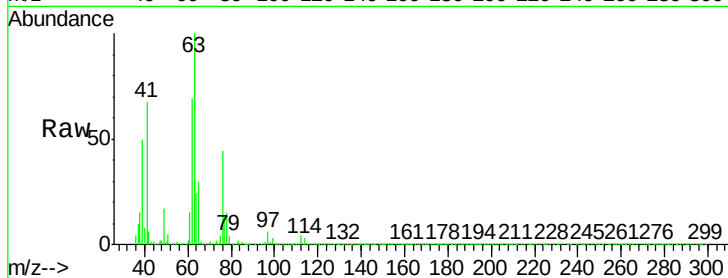
#45
 1,2-Dichloropropane
 Concen: 47.201 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015554.D
 Acq: 07 Apr 2020 21:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.6	23.9	35.9

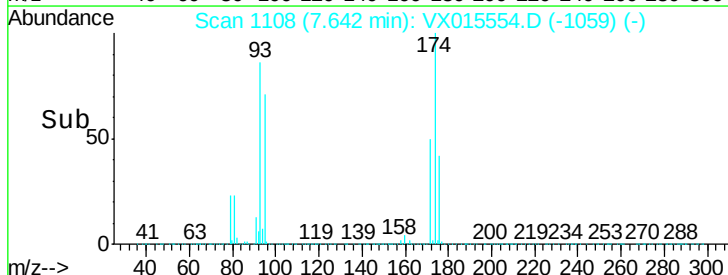
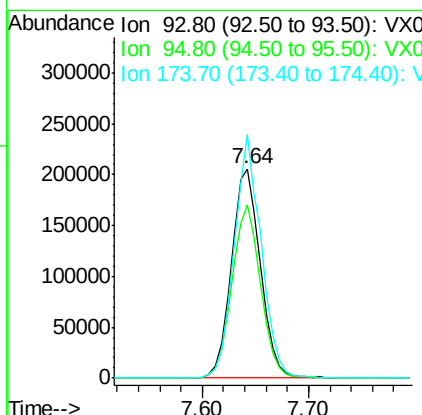
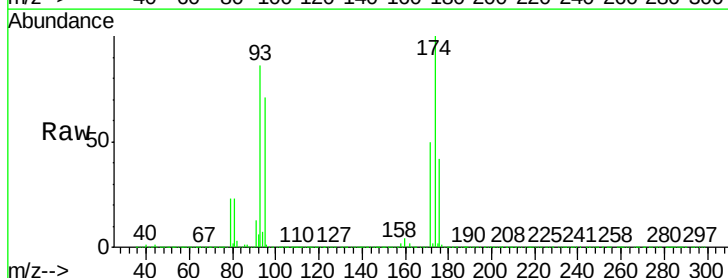
Manual Integrations
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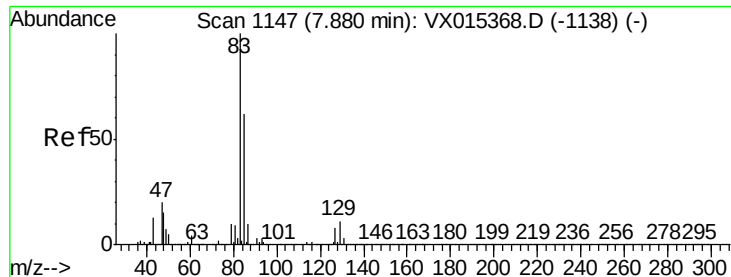
MMDadoda
 4/8/2020 11:13:11 AM



#46
 Dibromomethane
 Concen: 48.766 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015554.D
 Acq: 07 Apr 2020 21:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.1	65.8	98.8
174	109.3	86.2	129.2





#47

Bromodichloromethane

Concen: 49.290 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015554.D

Acq: 07 Apr 2020 21:19

Instrument :

MSVOA_X

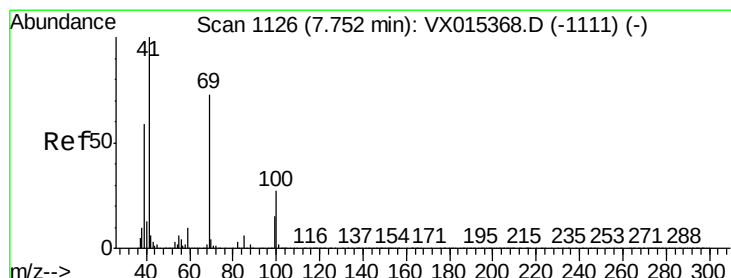
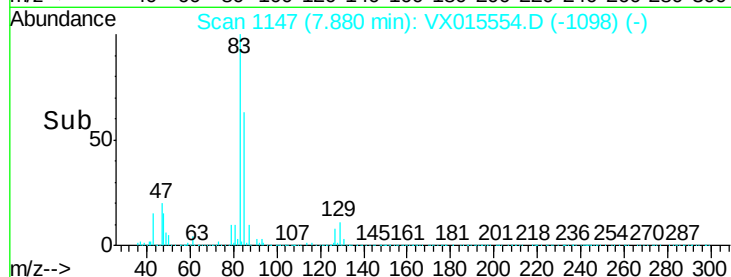
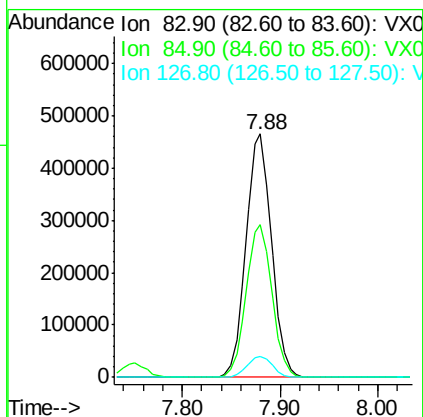
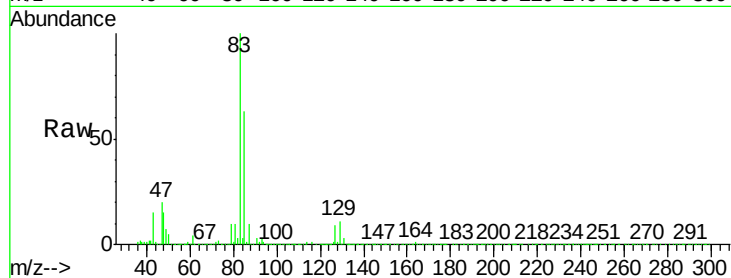
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	840653
Ion	Ratio	Lower	Upper
83	100		
85	62.9	49.7	74.5
127	8.5	6.7	10.1

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MMDadoda
4/8/2020 11:13:11 AM



#48

Methyl methacrylate

Concen: 47.241 ug/l

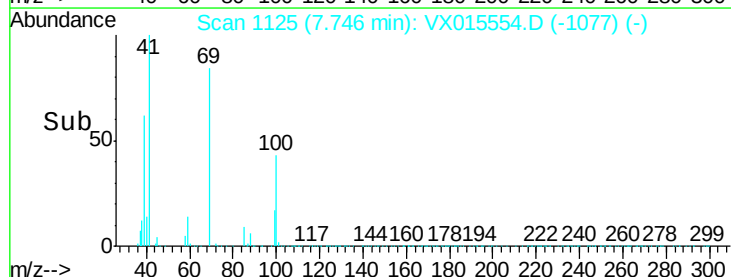
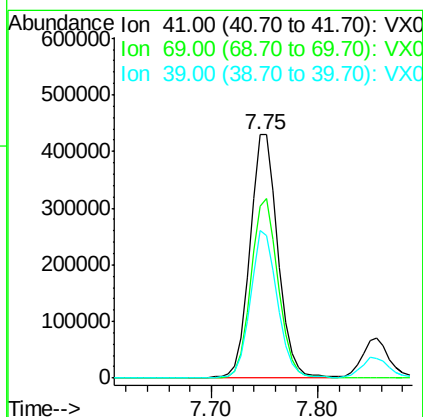
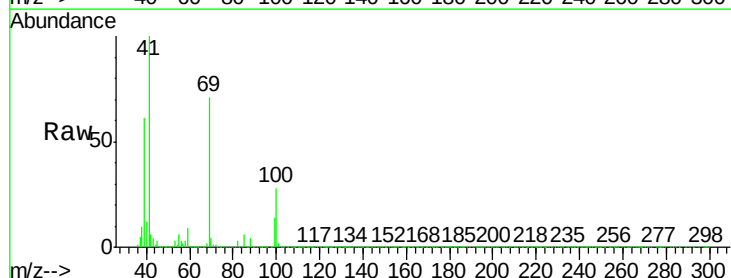
RT: 7.75 min Scan# 1125

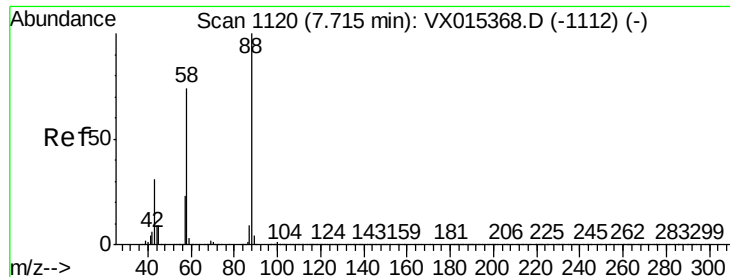
Delta R.T. -0.01 min

Lab File: VX015554.D

Acq: 07 Apr 2020 21:19

Tgt Ion:	41	Resp:	789748
Ion	Ratio	Lower	Upper
41	100		
69	72.3	56.7	85.1
39	58.2	46.5	69.7





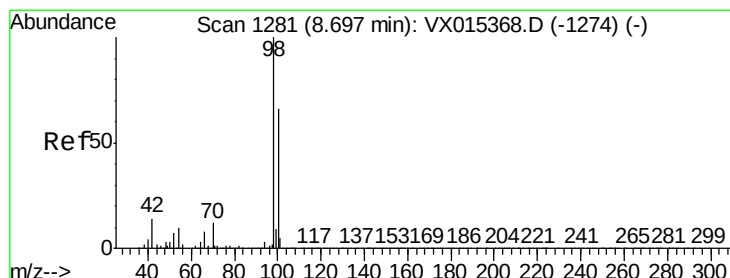
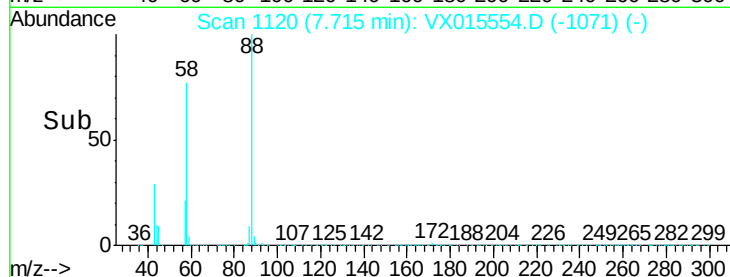
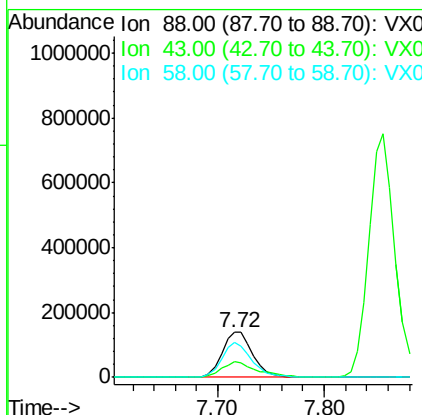
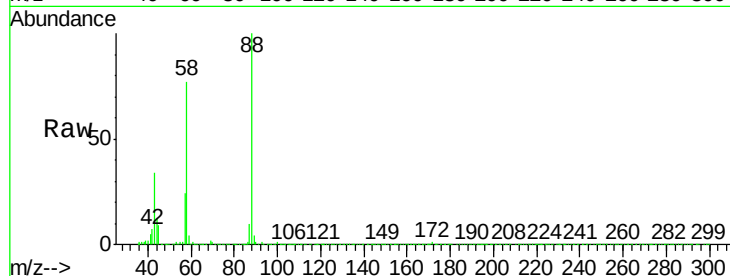
#49
1,4-Dioxane
Concen: 880.565 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. 0.00 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	88	Resp:	274617
Ion Ratio	Lower	Upper	
88	100		
43	37.8	30.1	45.1
58	75.6	60.6	90.8

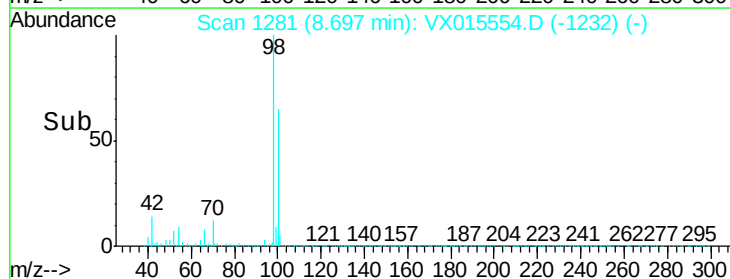
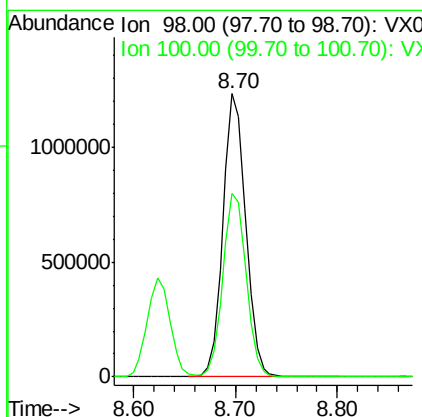
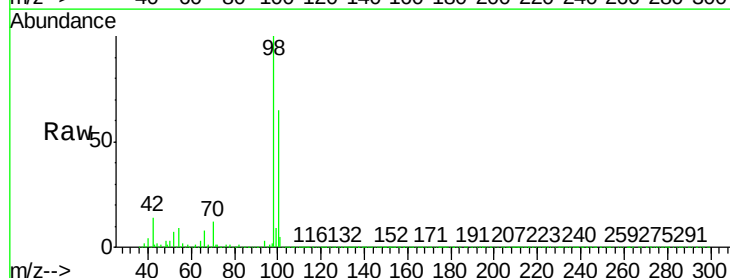
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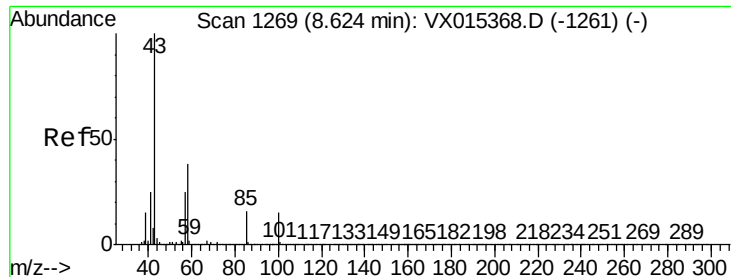
MMDadoda
4/8/2020 11:13:11 AM



#50
Toluene-d8
Concen: 49.132 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Tgt Ion:	98	Resp:	1910916
Ion Ratio	Lower	Upper	
98	100		
100	66.5	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 240.735 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015554.D

Acq: 07 Apr 2020 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 4566188

Ion Ratio Lower Upper

43 100

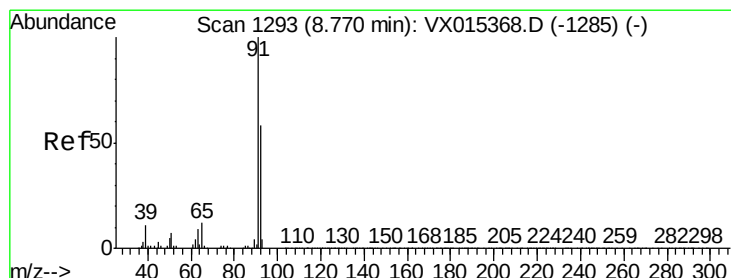
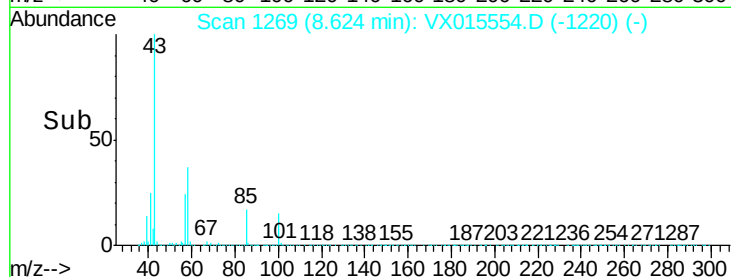
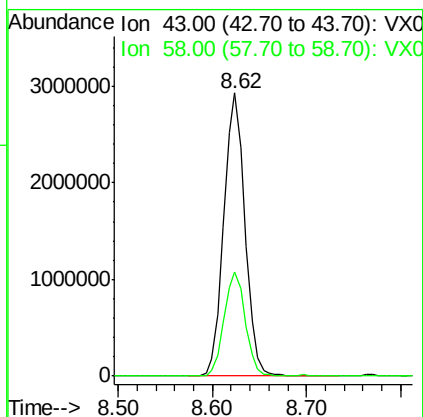
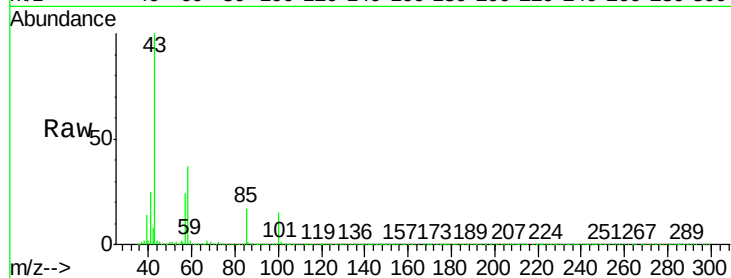
58 36.9 29.7 44.5

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#52

Toluene

Concen: 49.785 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015554.D

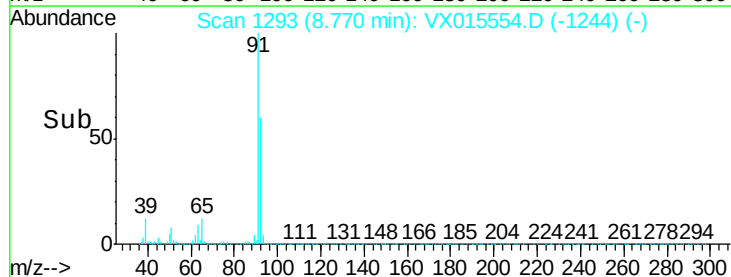
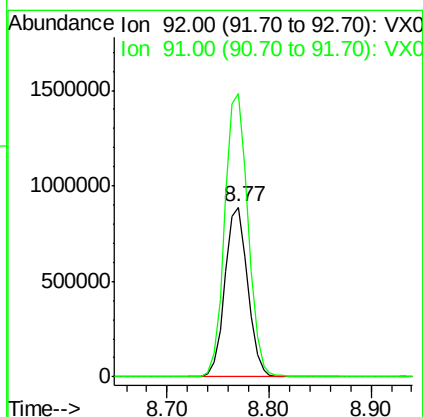
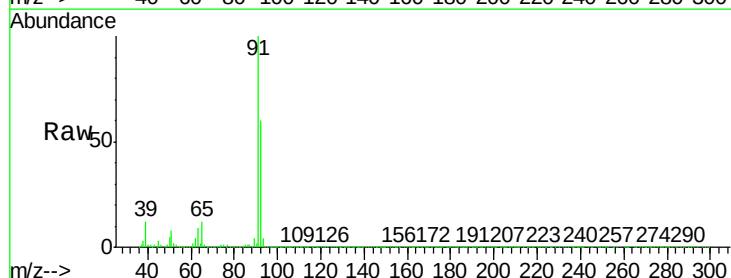
Acq: 07 Apr 2020 21:19

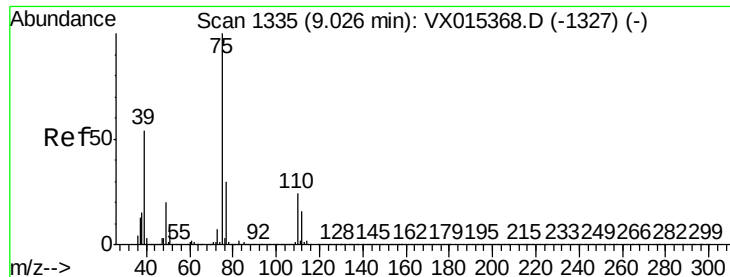
Tgt Ion: 92 Resp: 1369044

Ion Ratio Lower Upper

92 100

91 170.7 136.6 205.0





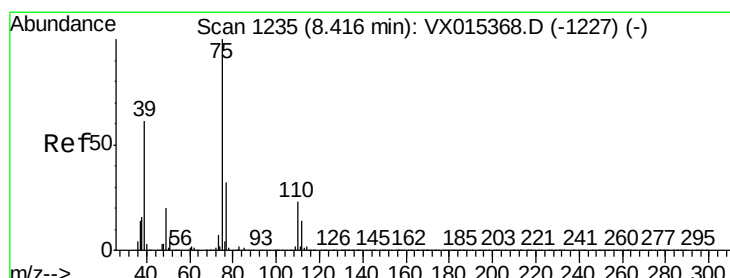
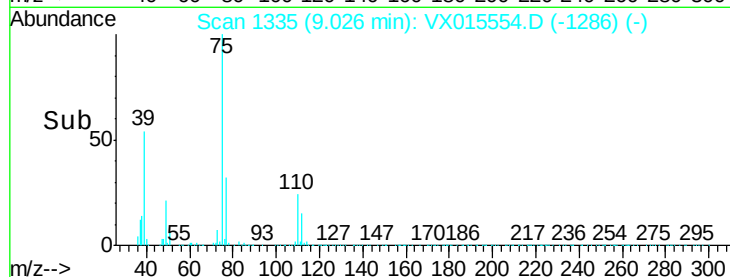
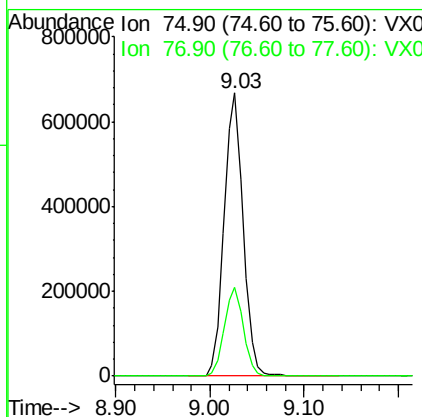
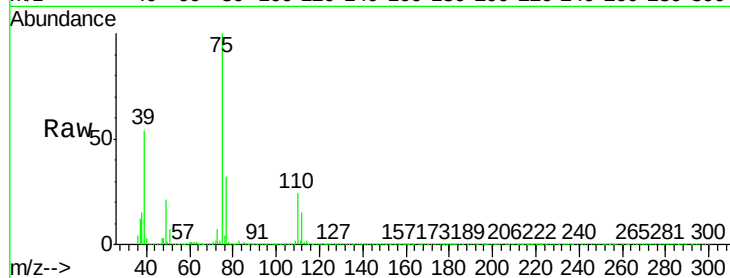
#53
t-1,3-Dichloropropene
Concen: 46.548 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.1	36.1

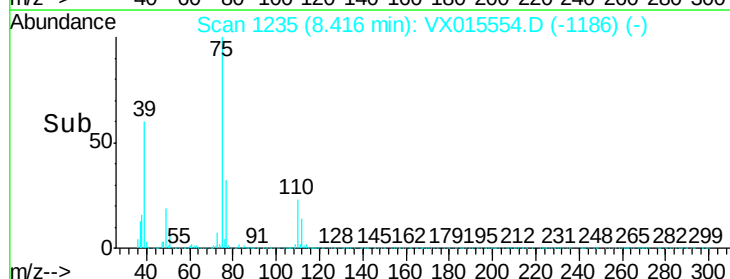
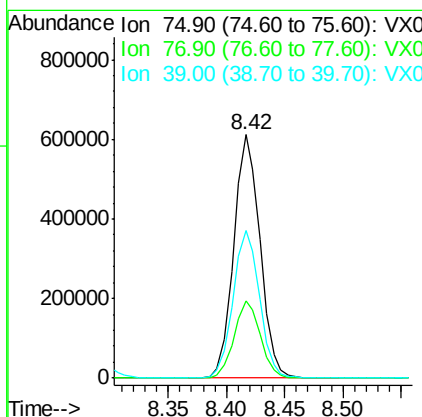
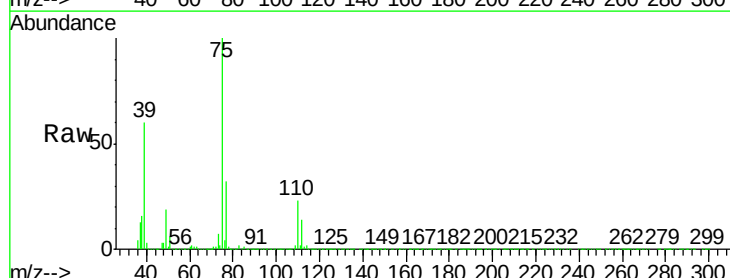
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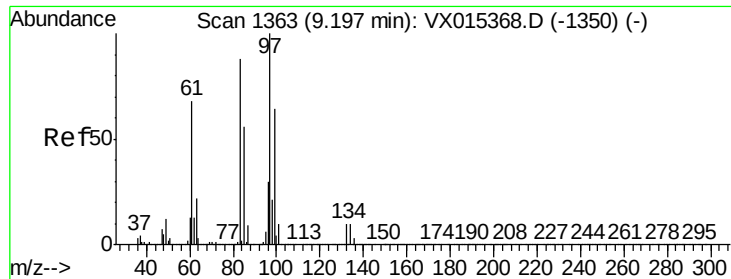
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 47.154 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.8	38.6
39	60.4	49.0	73.4





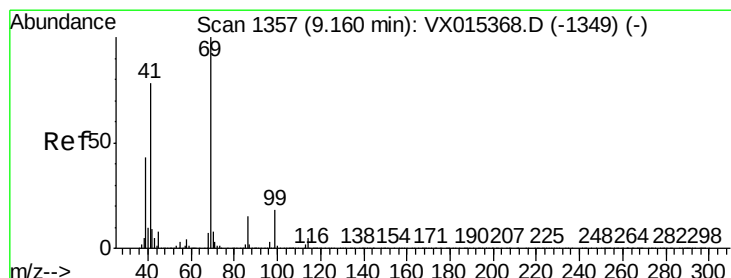
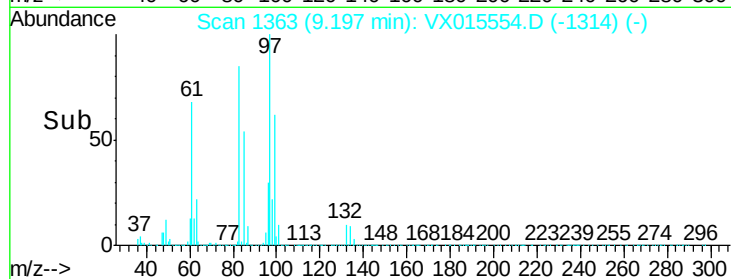
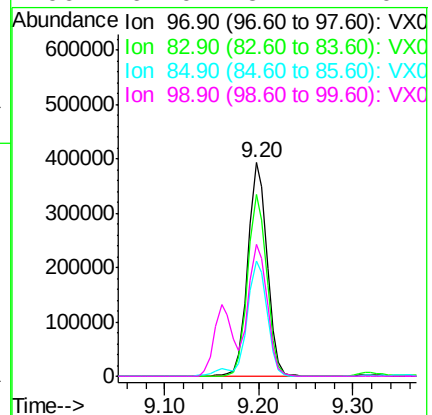
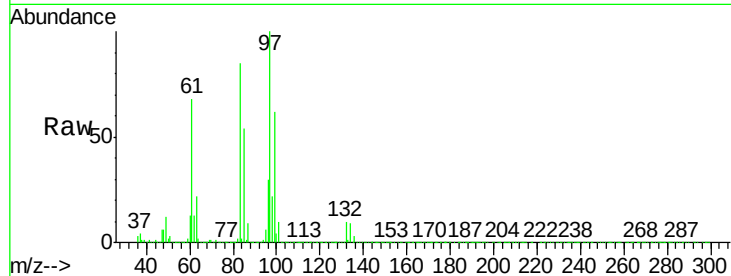
#55
 1,1,2-Trichloroethane
 Concen: 49.715 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015554.D
 Acq: 07 Apr 2020 21:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		560125		
83	84.9	70.2	105.4		
85	54.2	44.7	67.1		
99	62.0	51.1	76.7		

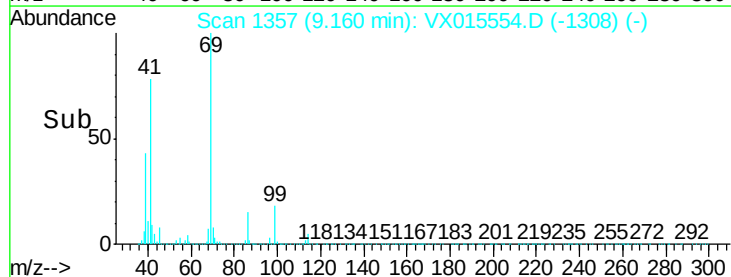
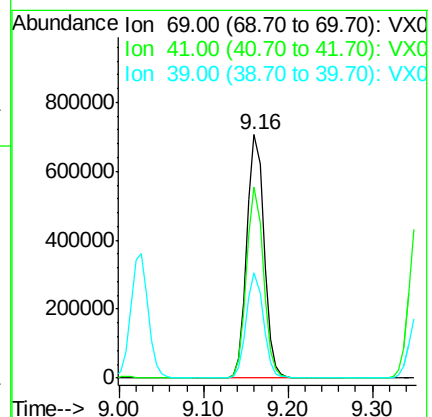
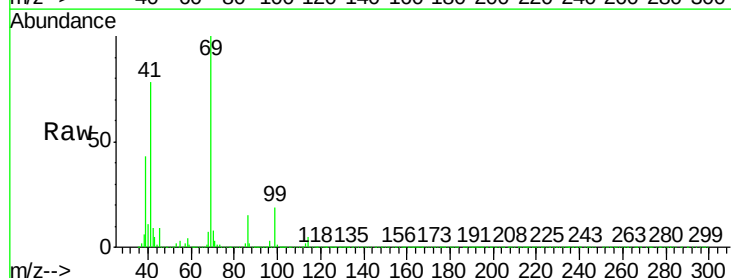
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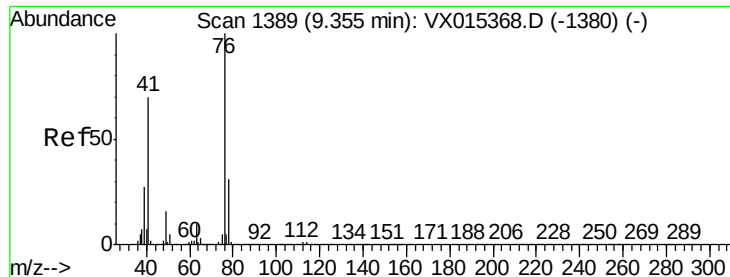
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 4/8/2020 11:13:11 AM



#56
 Ethyl methacrylate
 Concen: 48.411 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015554.D
 Acq: 07 Apr 2020 21:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		961254		
41	77.1	61.6	92.4		
39	43.0	34.0	51.0		





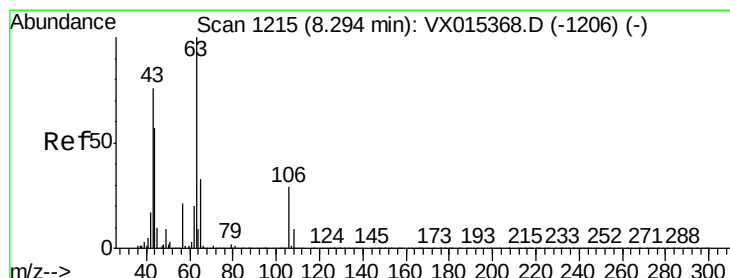
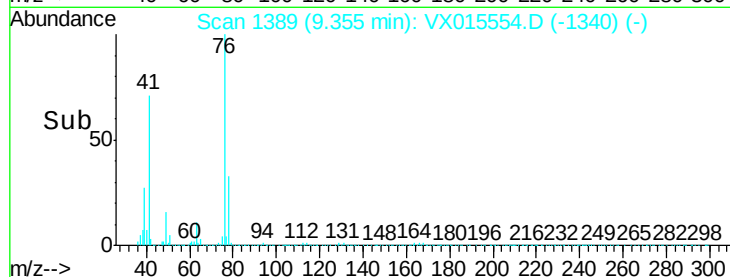
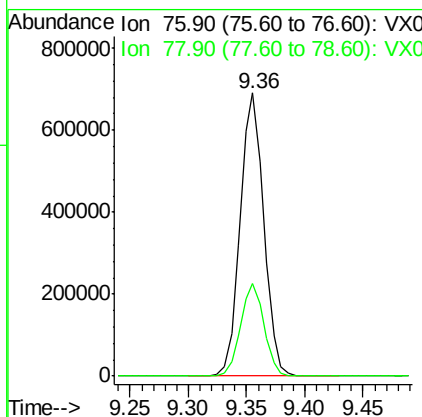
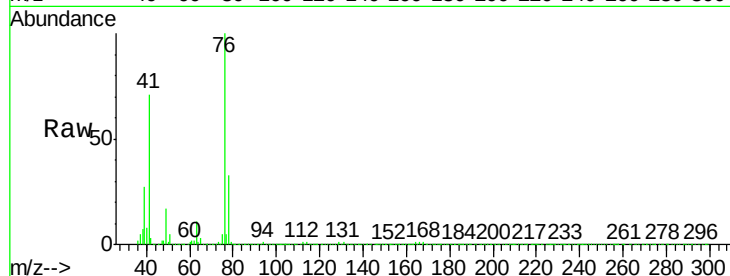
#57
 1,3-Dichloropropane
 Concen: 48.151 ug/l
 RT: 9.36 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: VX015554.D
 Acq: 07 Apr 2020 21:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 977403
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.8 38.8

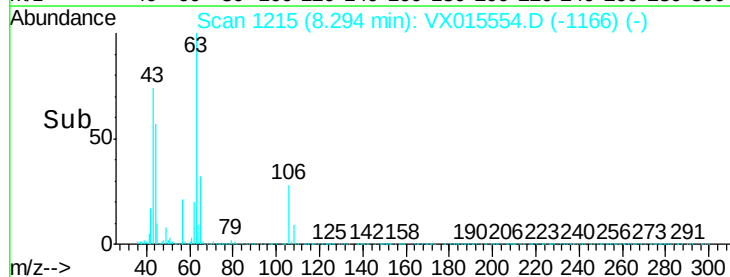
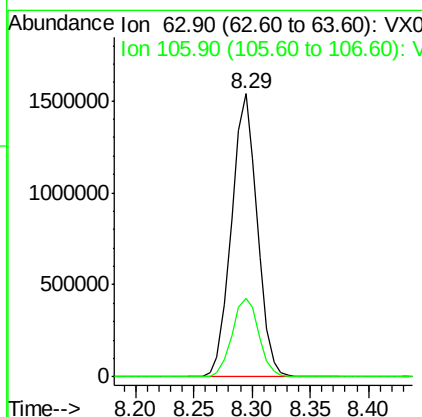
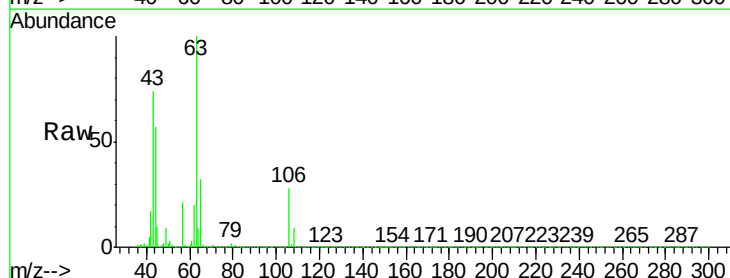
Manual Integrations
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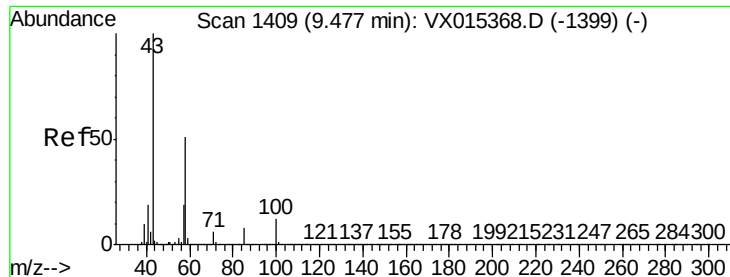
MMDadoda
 4/8/2020 11:13:11 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 245.181 ug/l
 RT: 8.29 min Scan# 1215
 Delta R.T. 0.00 min
 Lab File: VX015554.D
 Acq: 07 Apr 2020 21:19

Tgt Ion: 63 Resp: 2367963
 Ion Ratio Lower Upper
 63 100
 106 28.8 22.7 34.1





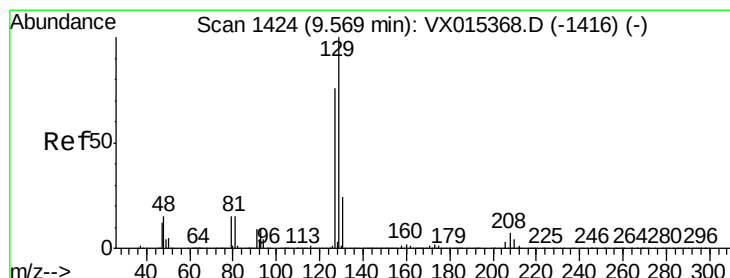
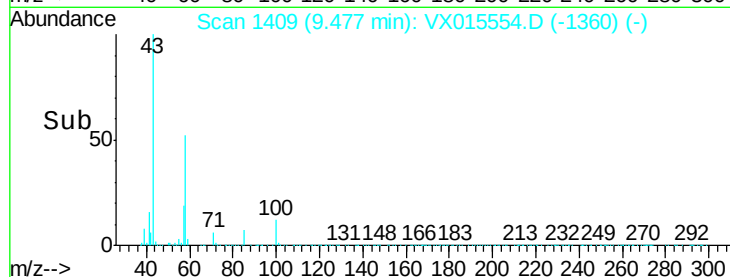
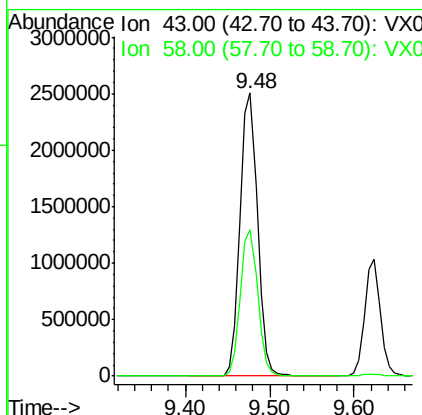
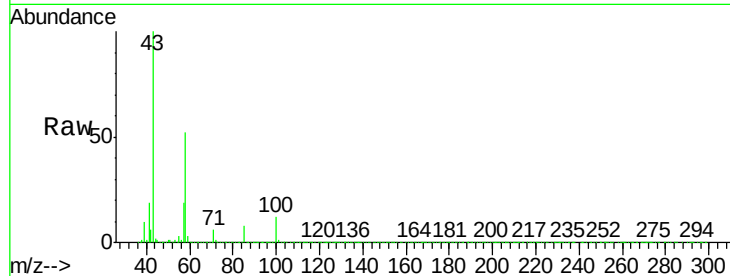
#59
2-Hexanone
Concen: 241.137 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 3453134
Ion Ratio Lower Upper
43 100
58 51.5 25.6 76.6

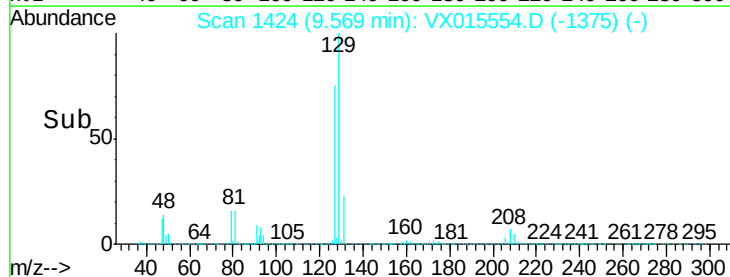
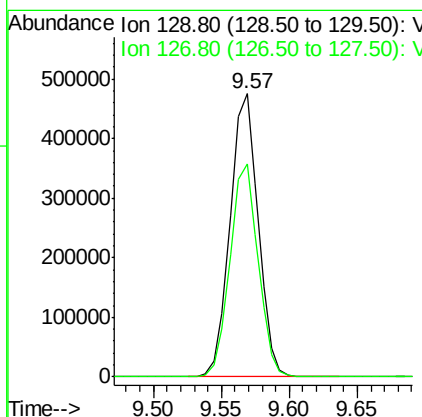
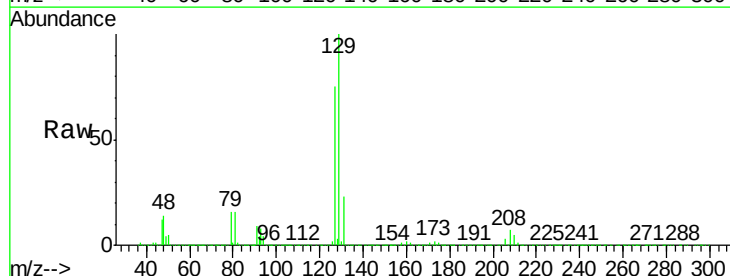
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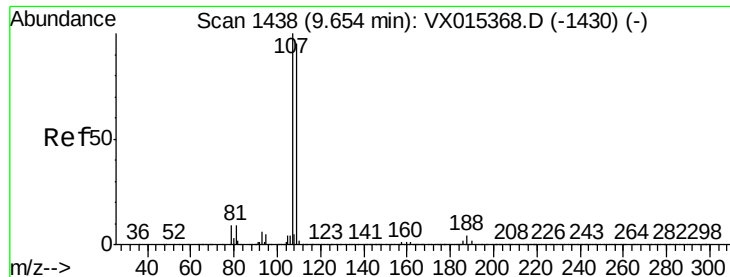
MMDadoda
4/8/2020 11:13:11 AM



#60
Dibromochloromethane
Concen: 50.242 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Tgt Ion: 129 Resp: 680196
Ion Ratio Lower Upper
129 100
127 75.5 38.2 114.6





#61

1,2-Dibromoethane

Concen: 49.128 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015554.D

Acq: 07 Apr 2020 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:107 Resp: 601846

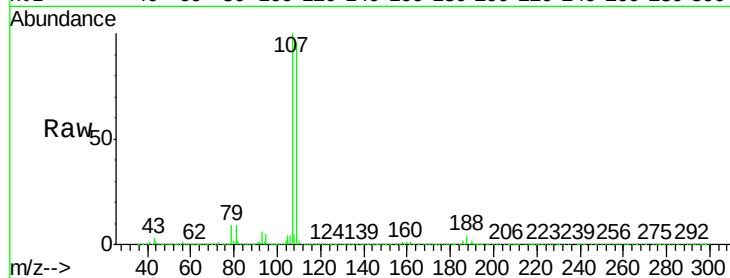
Ion Ratio Lower Upper

107 100

109 93.1 74.8 112.2

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

400000

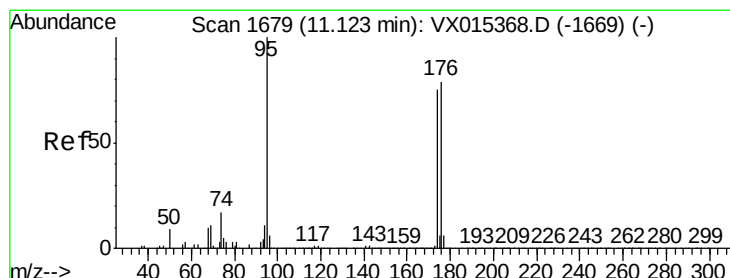
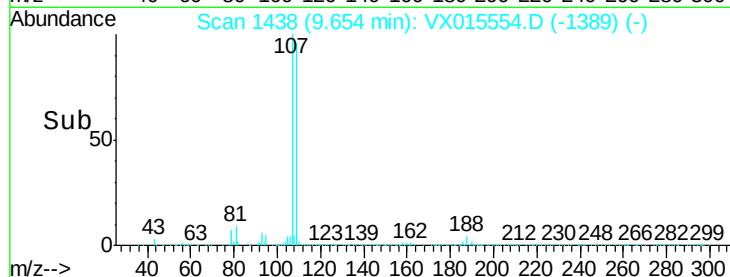
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.039 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015554.D

Acq: 07 Apr 2020 21:19

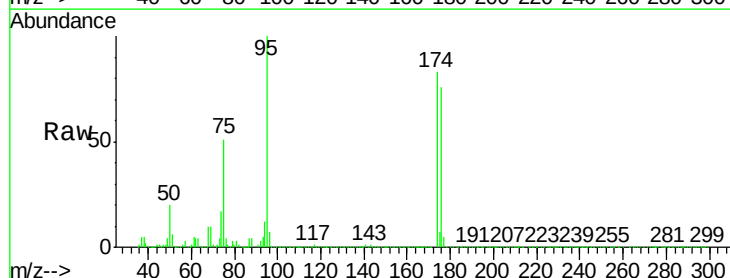
Tgt Ion: 95 Resp: 790937

Ion Ratio Lower Upper

95 100

174 83.4 0.0 158.6

176 79.3 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

800000

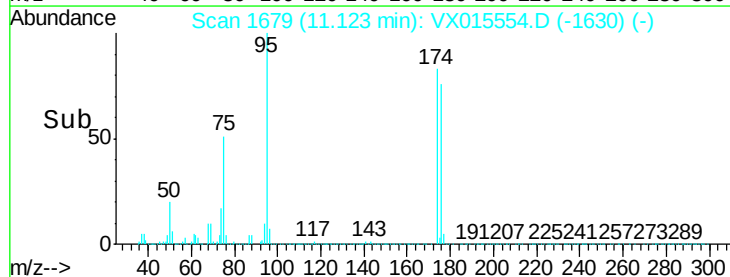
600000

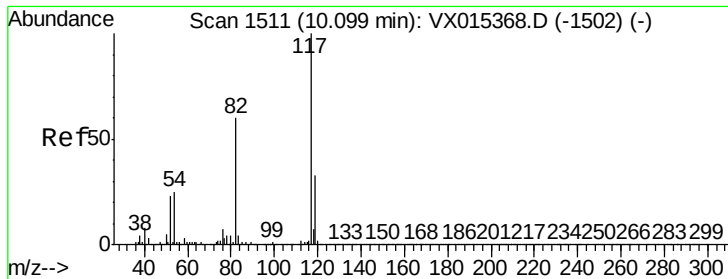
400000

200000

0

Time-->





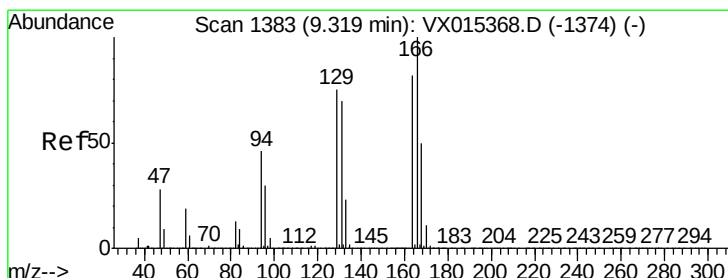
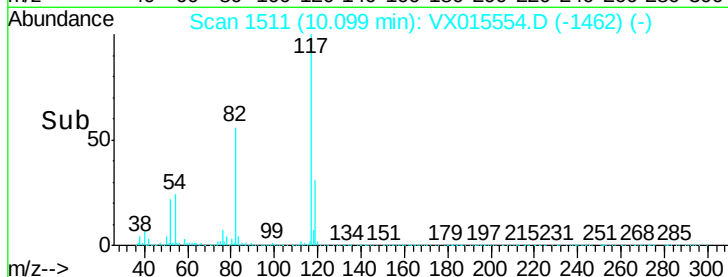
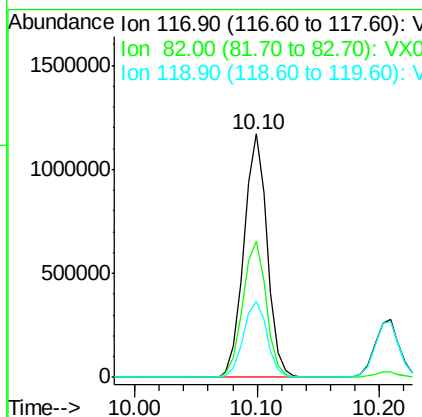
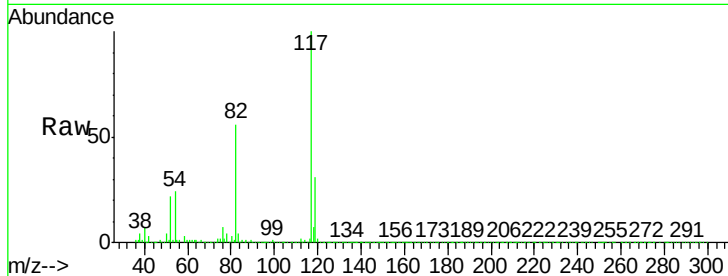
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.6	47.8	71.8
119	31.2	26.8	40.2

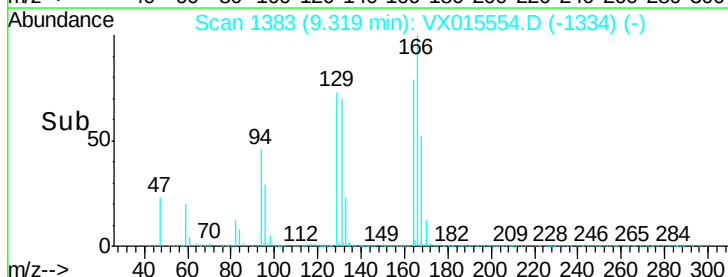
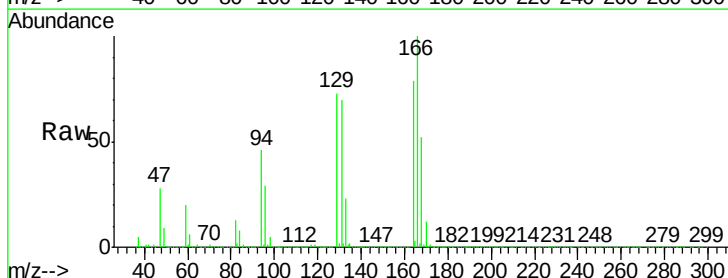
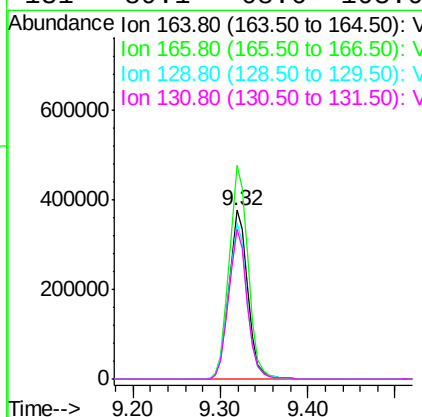
Manual Integrations
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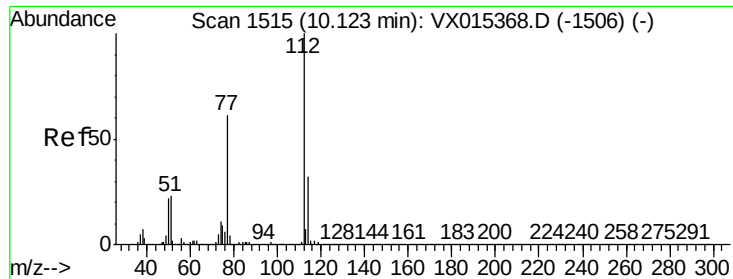
MMDadoda
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#64
Tetrachloroethene
Concen: 48.487 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.8	97.8	146.6
129	92.7	73.0	109.4
131	89.1	68.6	103.0





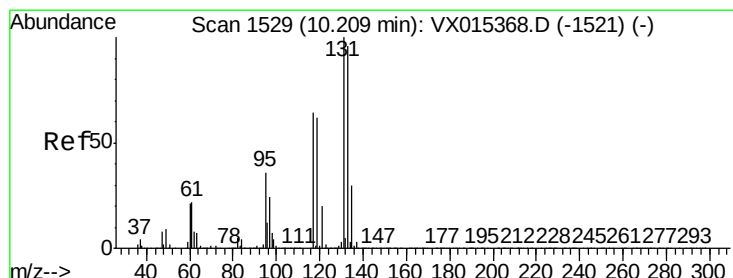
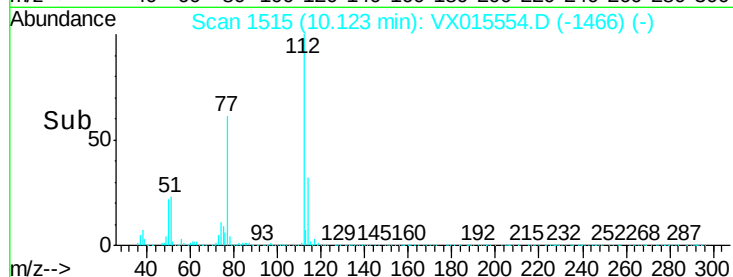
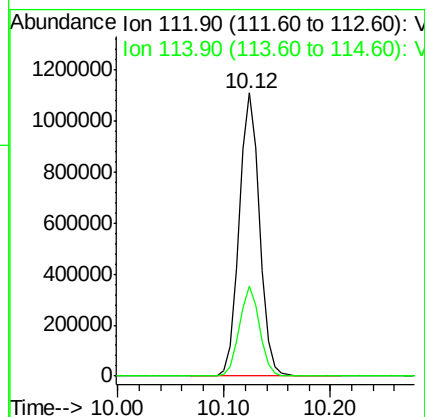
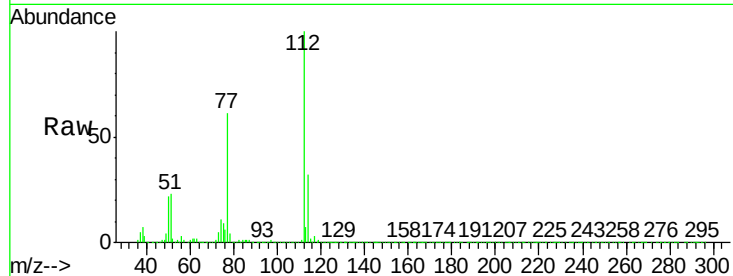
#65
Chlorobenzene
Concen: 48.564 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 1487660
Ion Ratio Lower Upper
112 100
114 32.0 25.5 38.3

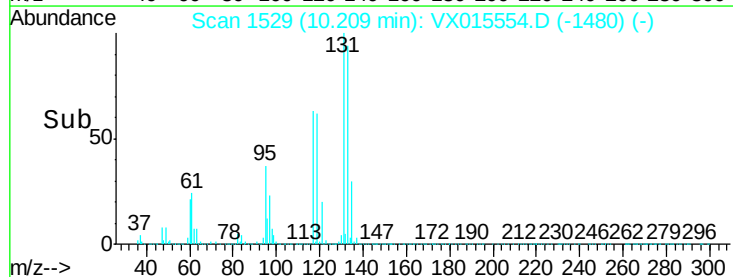
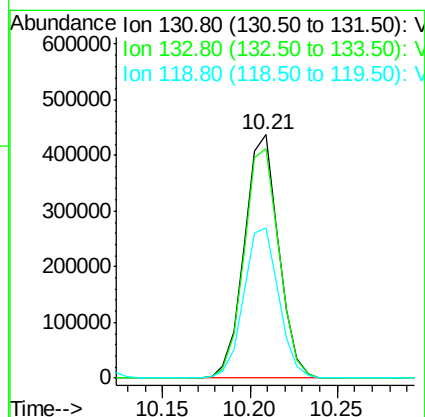
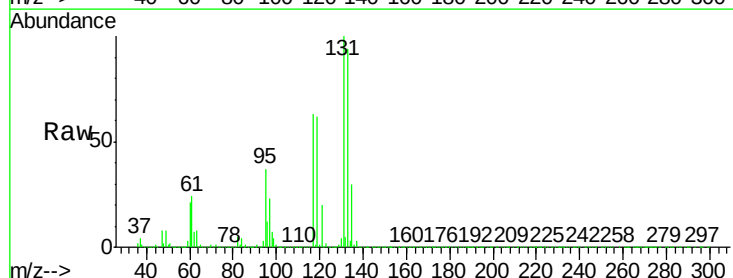
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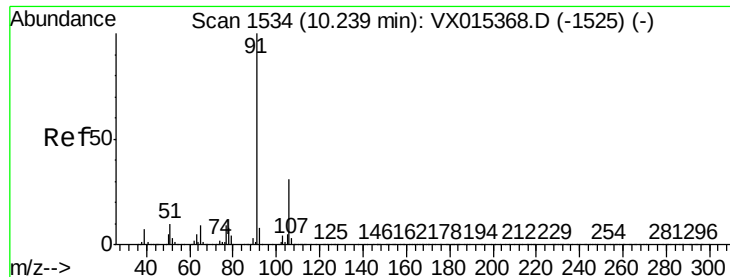
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.709 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Tgt Ion:131 Resp: 596098
Ion Ratio Lower Upper
131 100
133 96.5 47.6 142.9
119 62.9 31.1 93.3





#67

Ethyl Benzene

Concen: 49.270 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015554.D

Acq: 07 Apr 2020 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 2676867

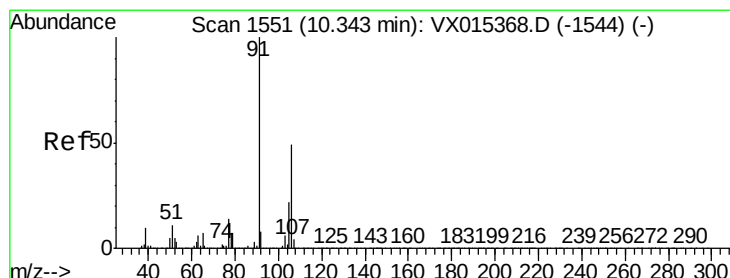
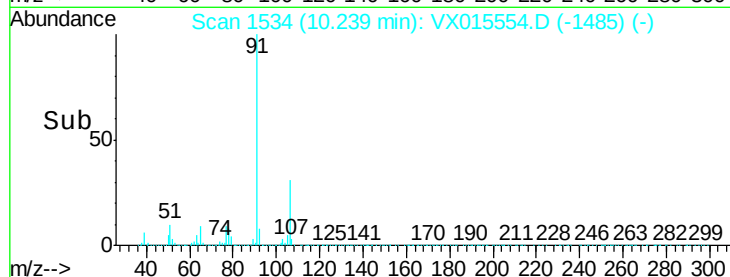
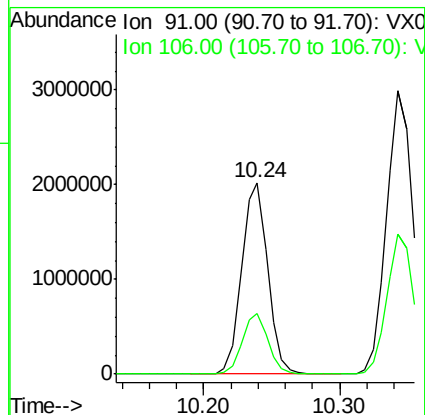
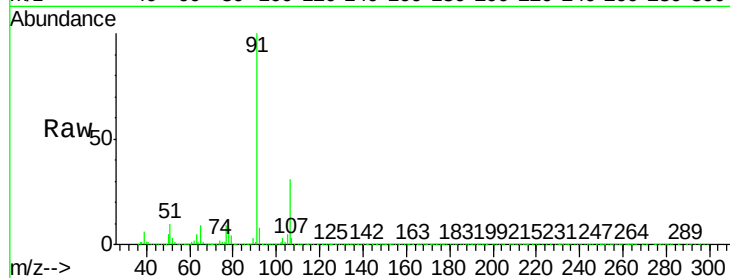
Ion Ratio Lower Upper

91 100

106 31.4 24.8 37.2

Manual Integrations
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#68

m/p-Xylenes

Concen: 100.255 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015554.D

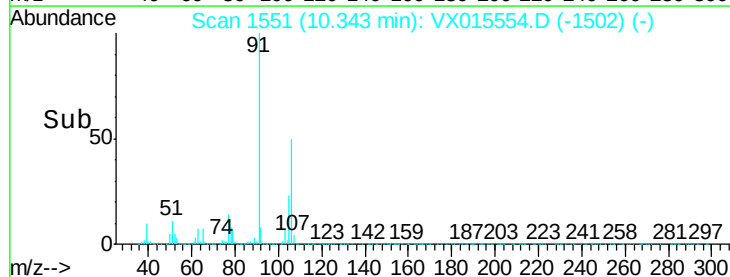
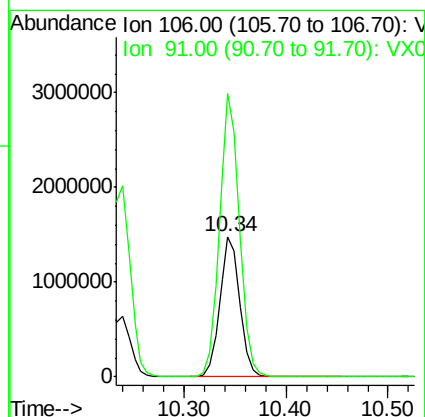
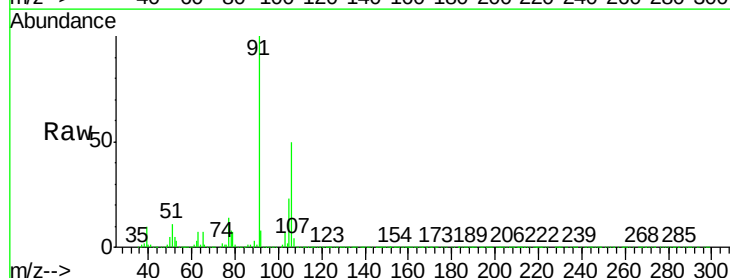
Acq: 07 Apr 2020 21:19

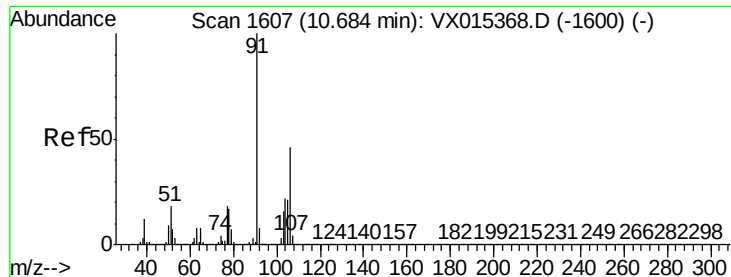
Tgt Ion: 106 Resp: 2028231

Ion Ratio Lower Upper

106 100

91 201.6 163.4 245.0





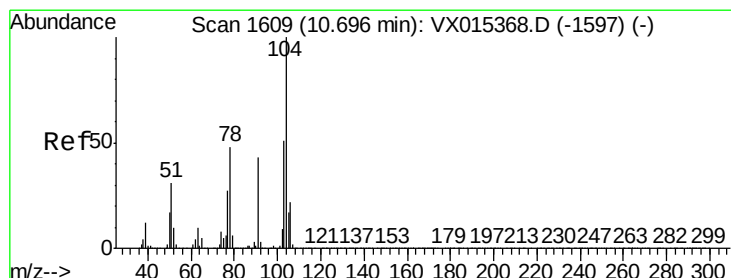
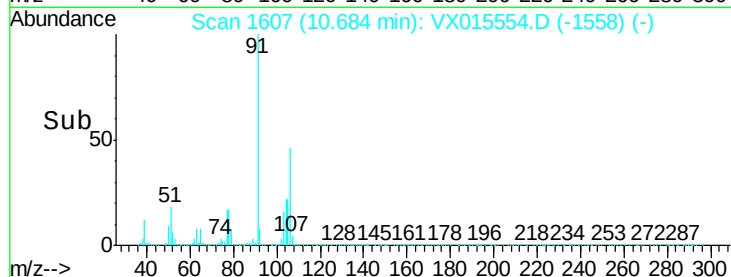
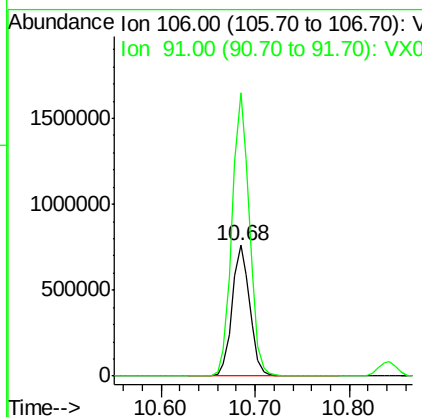
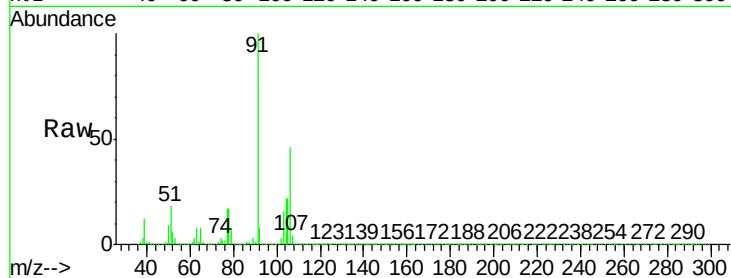
#69
o-Xylene
Concen: 49.109 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.4	107.1	321.3

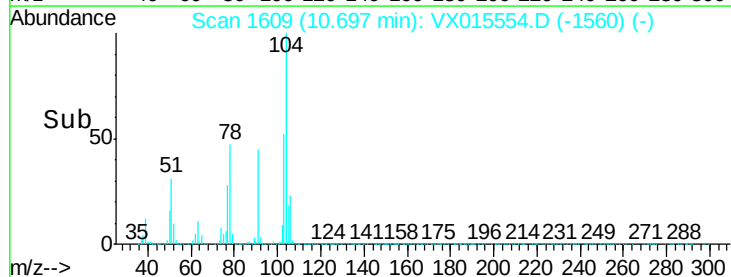
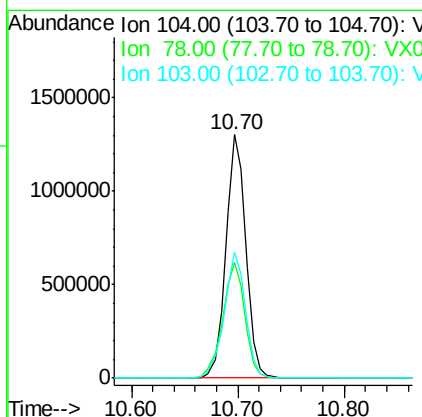
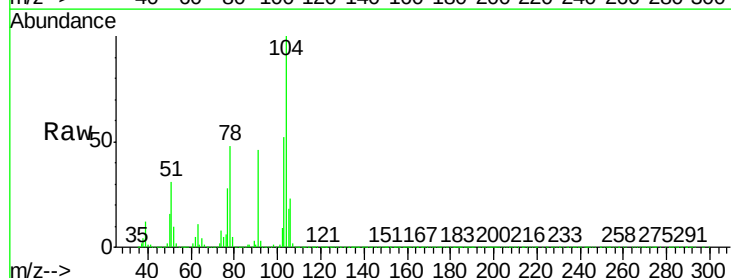
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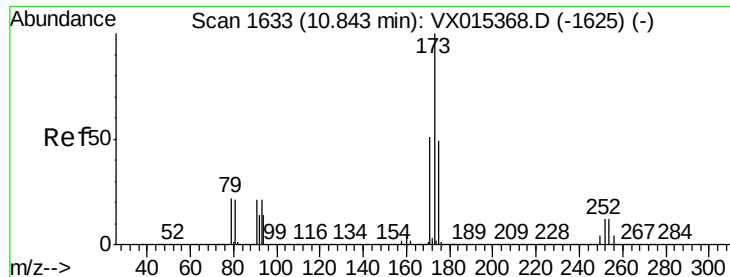
MMDadoda
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#70
Styrene
Concen: 48.551 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Tgt Ion	Ratio	Lower	Upper
104	100		
78	52.4	42.0	63.0
103	55.0	43.4	65.0





#71

Bromoform

Concen: 47.422 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015554.D

Acq: 07 Apr 2020 21:19

Instrument :

MSVOA_X

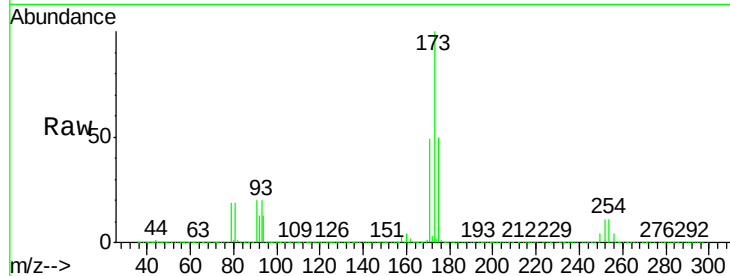
ClientSampleId :

VSTDCCC050EC

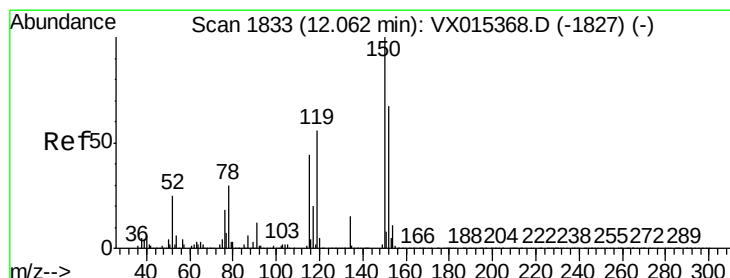
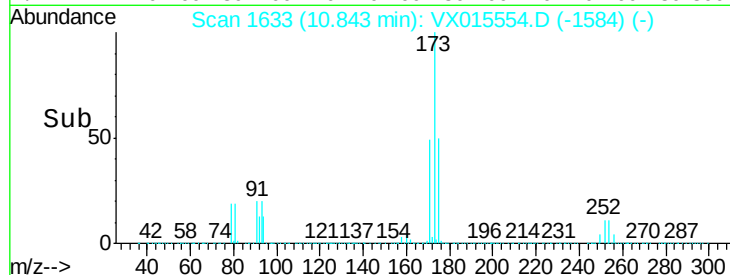
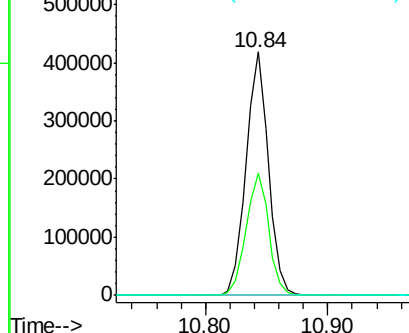
Tot Ion:	173	Resp:	528312
Ion Ratio	Lower	Upper	
173	100		
175	50.9	23.9	71.7
254	0.2	0.1	0.1#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

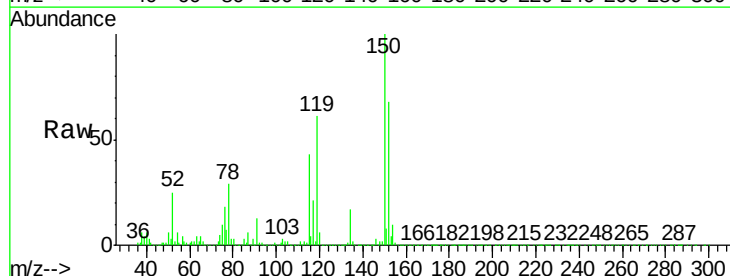
RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

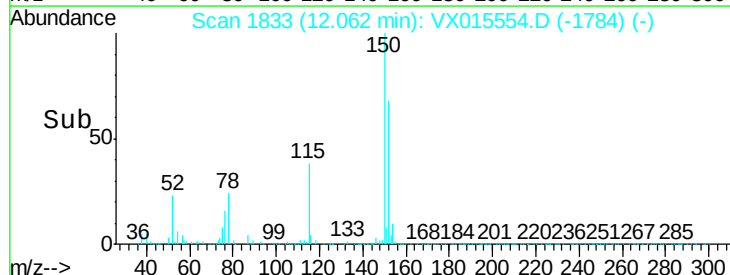
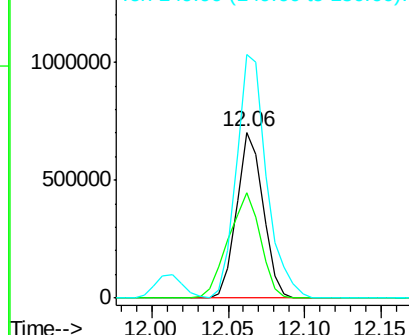
Lab File: VX015554.D

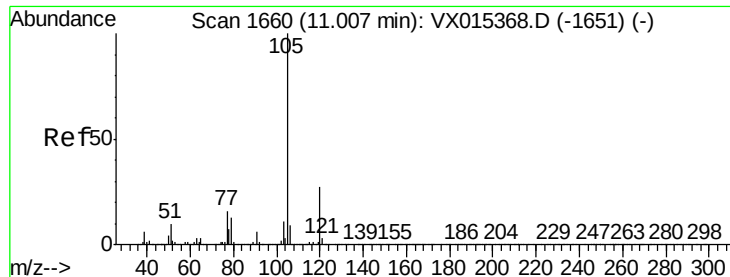
Acq: 07 Apr 2020 21:19

Tgt Ion:	152	Resp:	845256
Ion Ratio	Lower	Upper	
152	100		
115	76.9	39.0	116.9
150	166.6	0.0	340.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.139 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015554.D

Acq: 07 Apr 2020 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 2666063

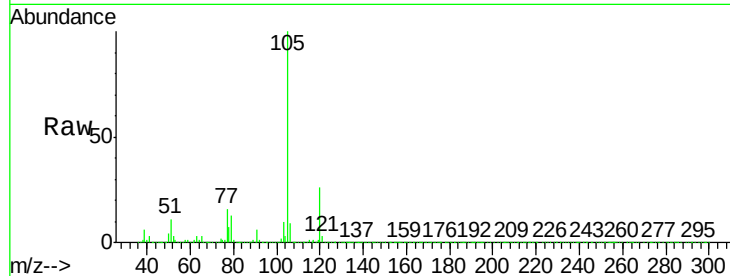
Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.5

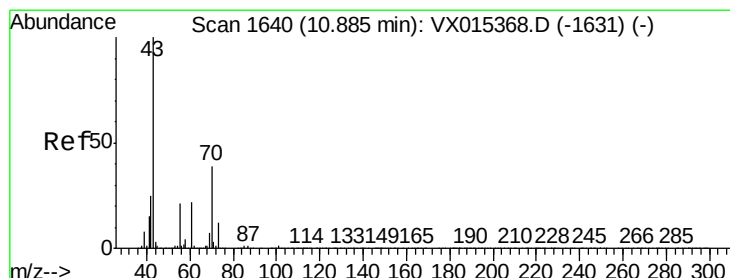
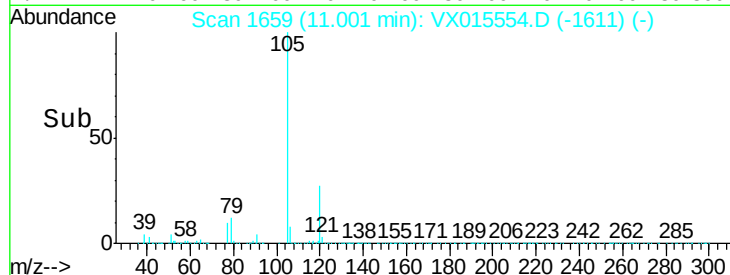
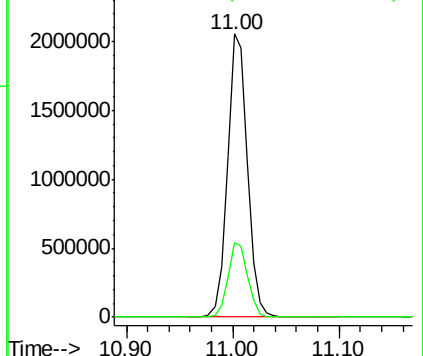
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 44.639 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015554.D

Acq: 07 Apr 2020 21:19

Tgt Ion: 43 Resp: 1375015

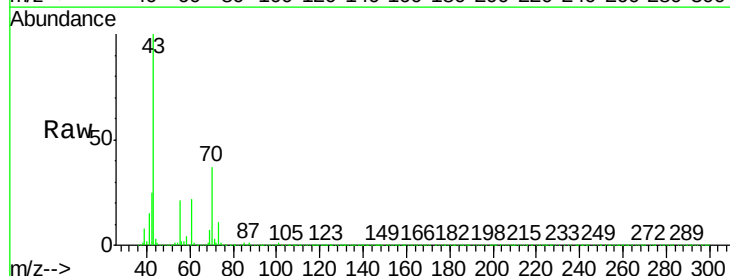
Ion Ratio Lower Upper

43 100

70 38.3 30.2 45.4

55 21.7 16.8 25.2

61 22.4 18.2 27.2

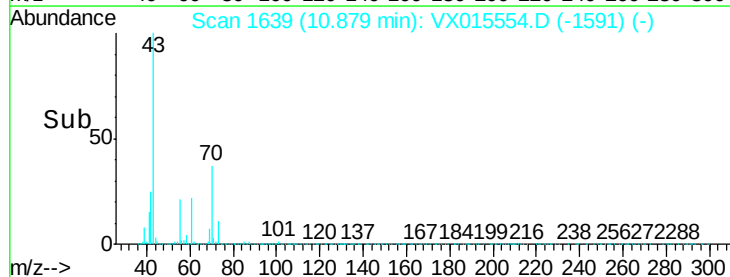
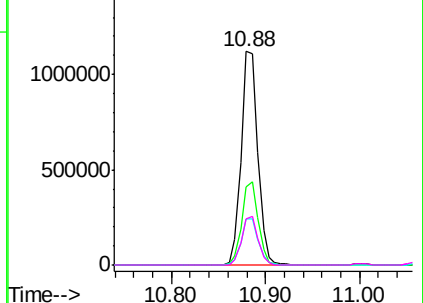


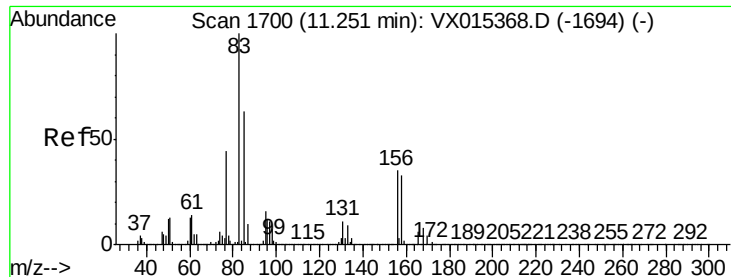
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 45.692 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015554.D

Acq: 07 Apr 2020 21:19

Instrument :

MSVOA_X

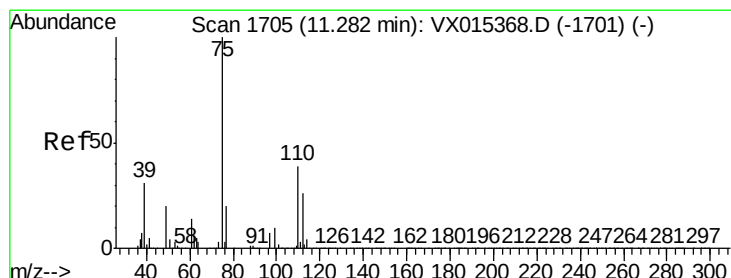
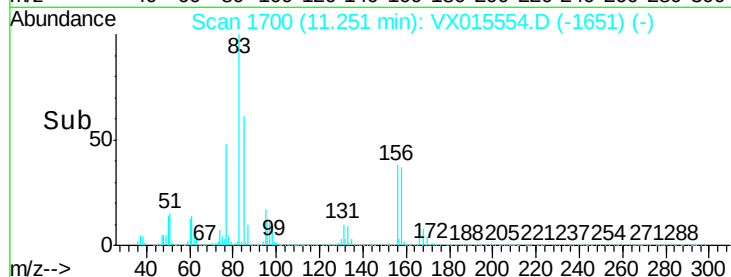
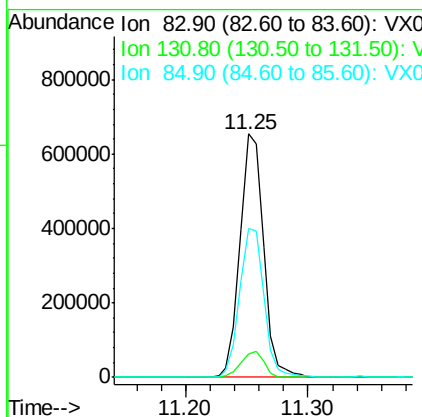
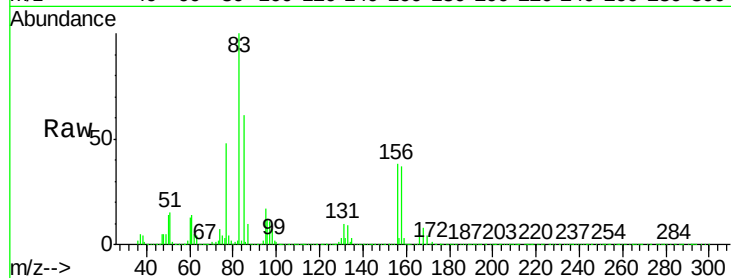
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	868328
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.3	16.1
85	63.0	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 46.245 ug/l m

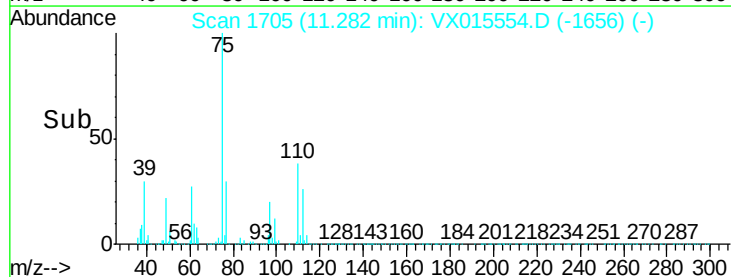
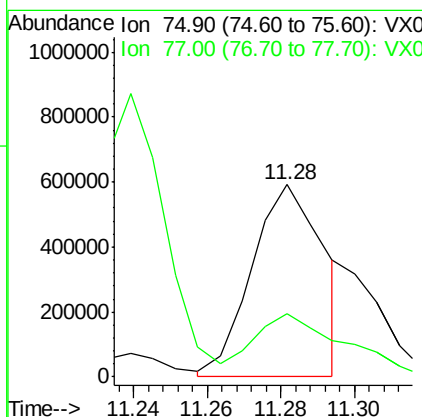
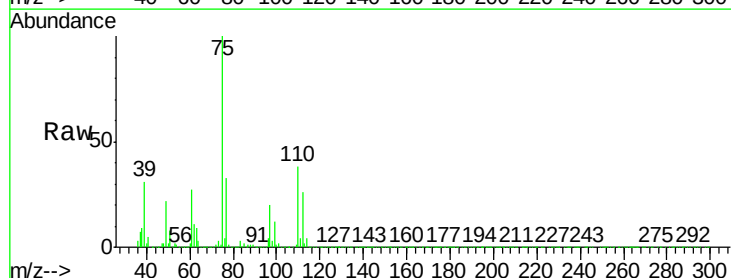
RT: 11.28 min Scan# 1705

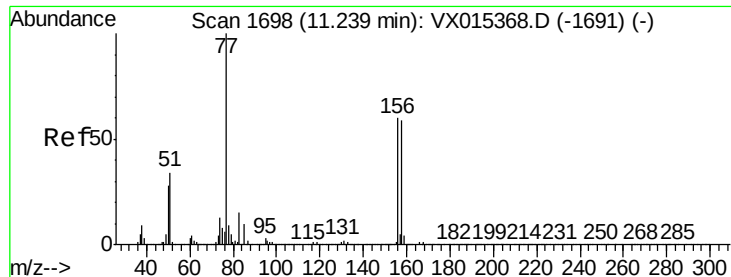
Delta R.T. 0.00 min

Lab File: VX015554.D

Acq: 07 Apr 2020 21:19

Tgt Ion:	75	Resp:	803826
Ion Ratio	Lower	Upper	
75	100		
77	41.5	21.2	63.6





#77

Bromobenzene

Concen: 47.977 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015554.D

Acq: 07 Apr 2020 21:19

Instrument :

MSVOA_X

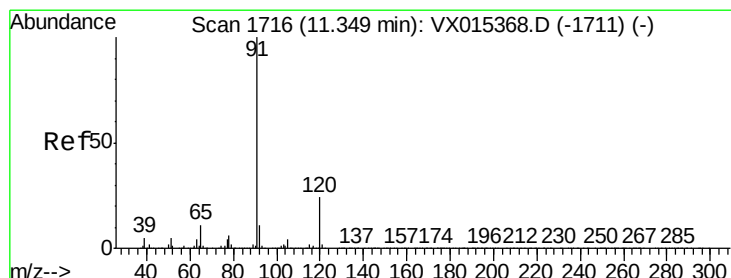
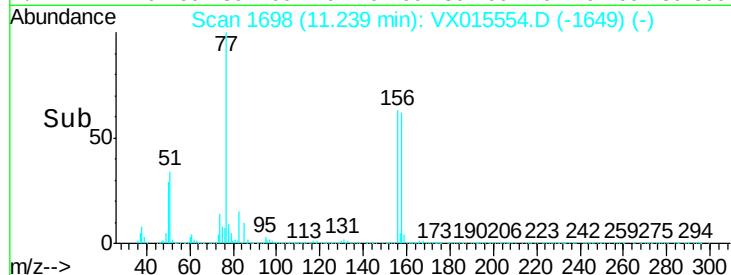
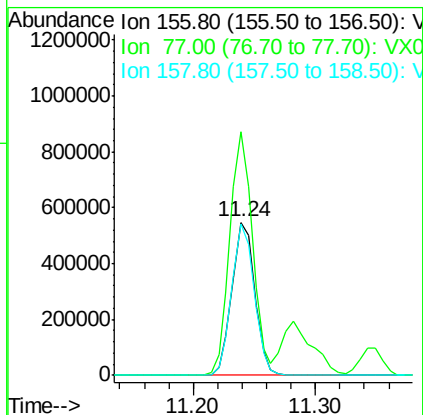
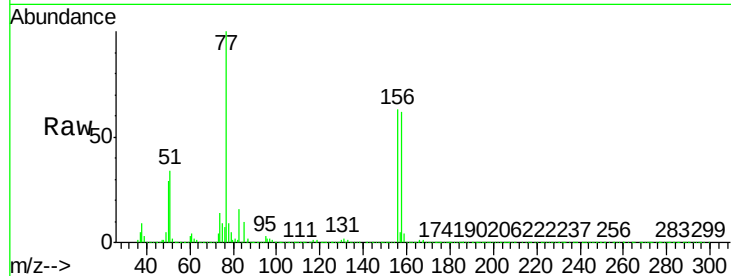
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	708751
Ion Ratio	Lower	Upper	
156	100		
77	157.4	82.2	246.5
158	96.7	49.3	147.9

Manual Integrations
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#78

n-propylbenzene

Concen: 47.757 ug/l

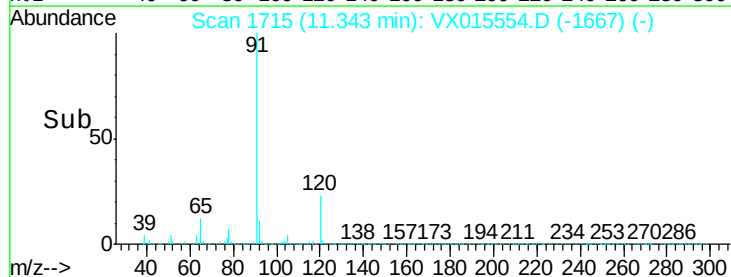
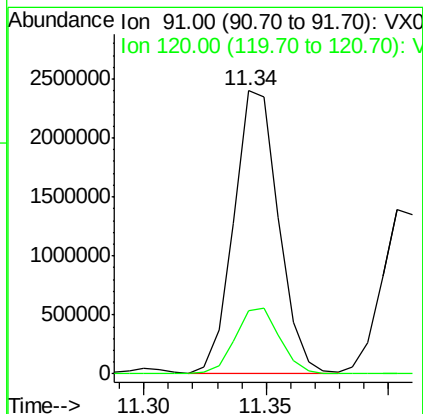
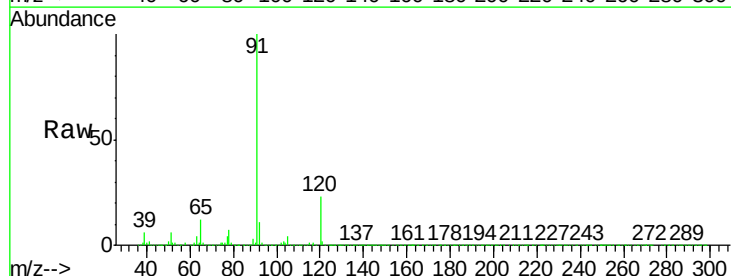
RT: 11.34 min Scan# 1715

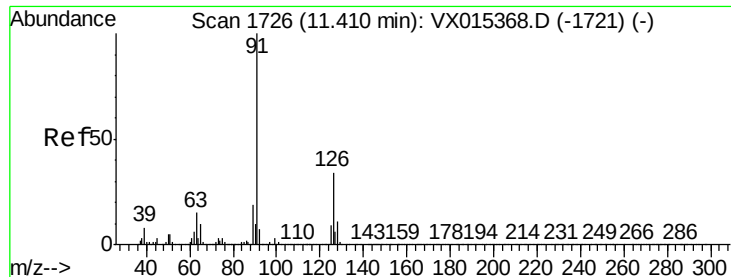
Delta R.T. -0.01 min

Lab File: VX015554.D

Acq: 07 Apr 2020 21:19

Tgt Ion:	91	Resp:	3024414
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.7	35.0





#79

2-Chlorotoluene

Concen: 47.247 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015554.D

Acq: 07 Apr 2020 21:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1833913

Ion Ratio Lower Upper

91 100

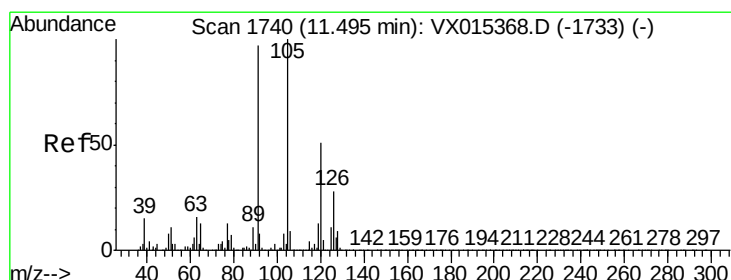
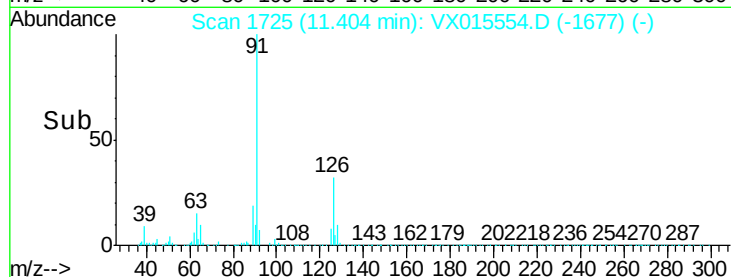
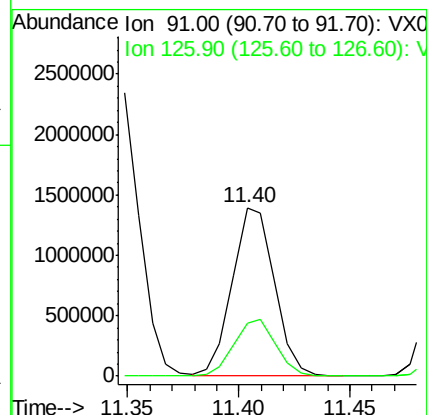
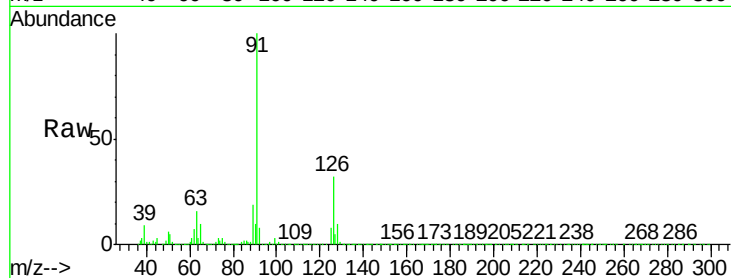
126 33.6 16.5 49.5

Manual Integrations

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MMDadoda

4/8/2020 11:13:11 AM



#80

1,3,5-Trimethylbenzene

Concen: 47.283 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015554.D

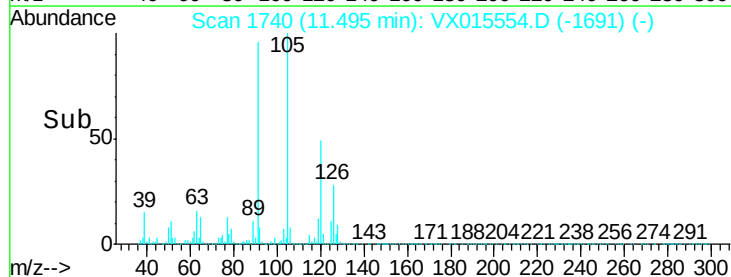
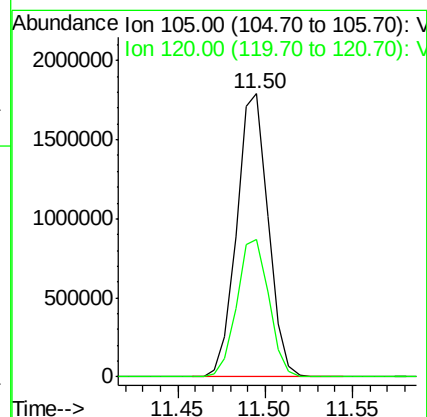
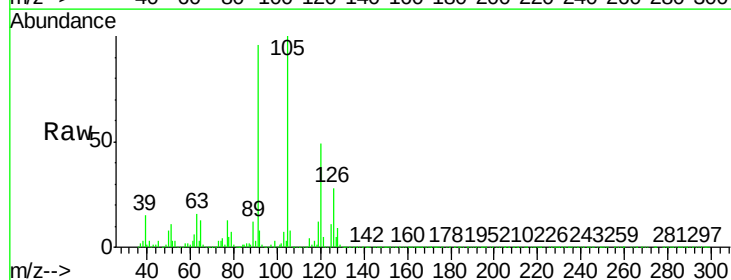
Acq: 07 Apr 2020 21:19

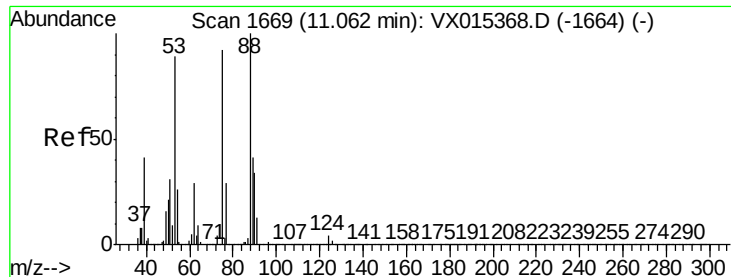
Tgt Ion: 105 Resp: 2236433

Ion Ratio Lower Upper

105 100

120 49.7 24.8 74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 41.696 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015554.D

Acq: 07 Apr 2020 21:19

Instrument :

MSVOA_X

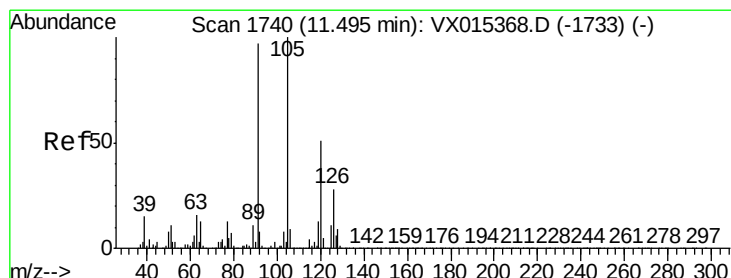
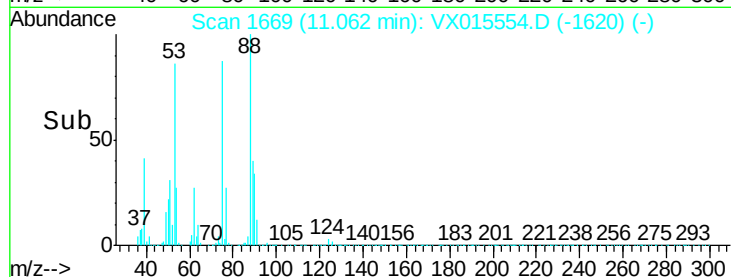
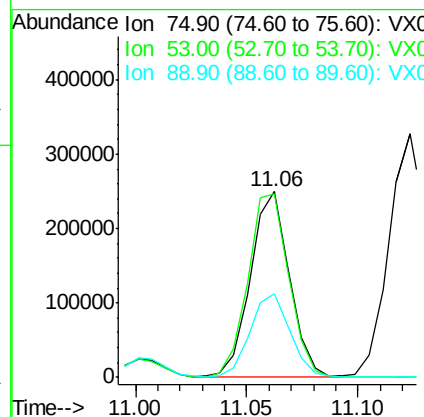
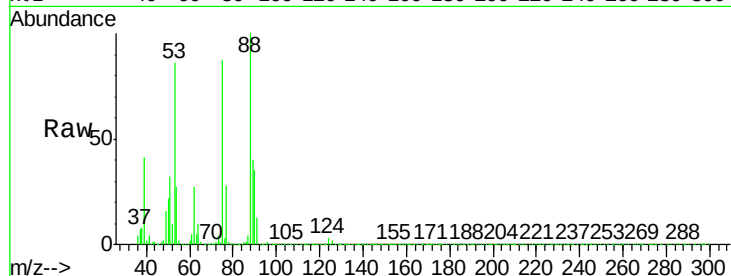
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	302052
Ion	Ratio	Lower	Upper
75	100		
53	104.8	80.1	120.1
89	46.9	36.1	54.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 47.379 ug/l

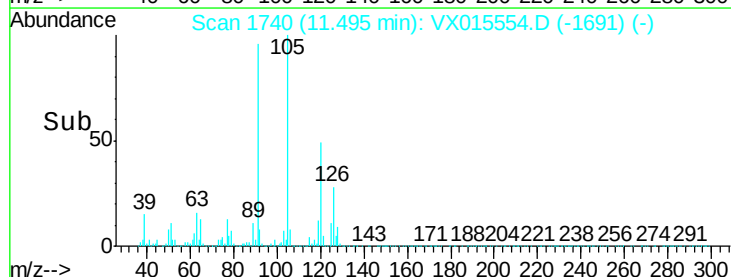
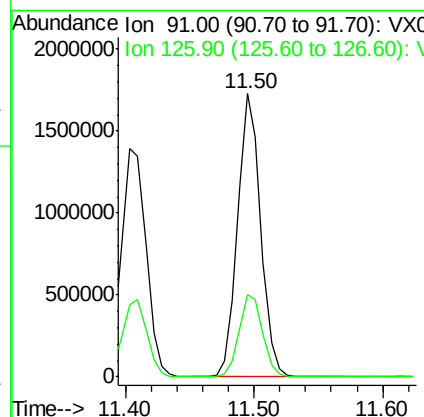
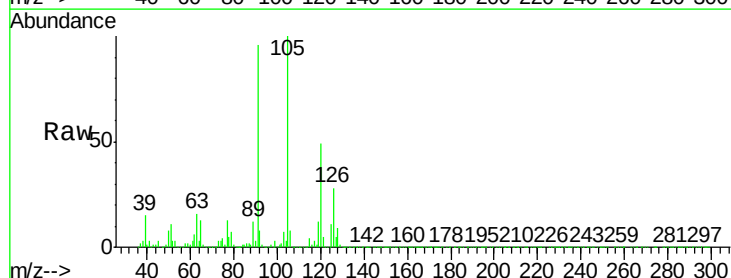
RT: 11.50 min Scan# 1740

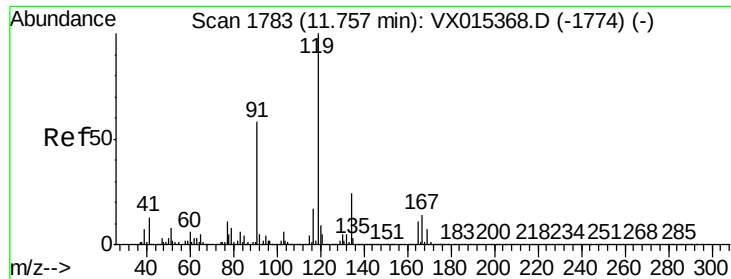
Delta R.T. 0.00 min

Lab File: VX015554.D

Acq: 07 Apr 2020 21:19

Tgt Ion:	91	Resp:	2155925
Ion	Ratio	Lower	Upper
91	100		
126	29.7	14.7	44.1





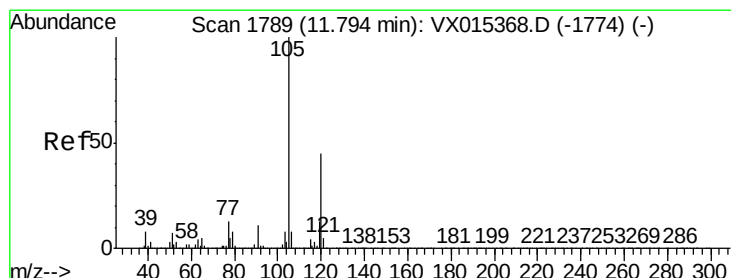
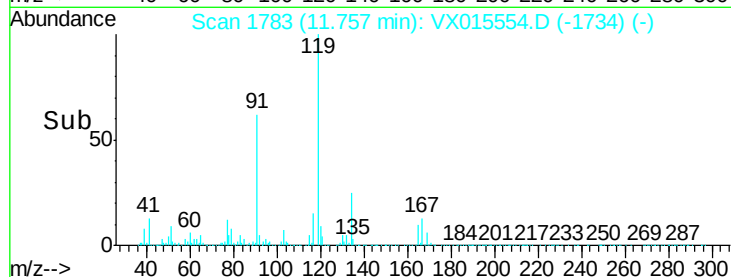
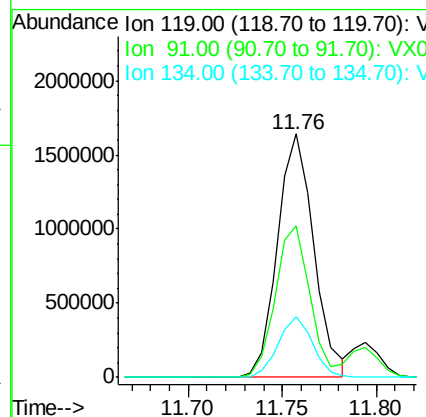
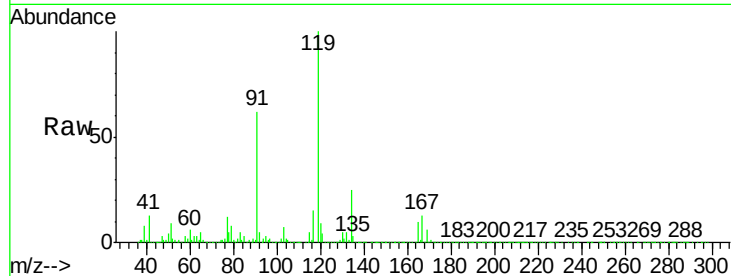
#83
 tert-Butylbenzene
 Concen: 47.456 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX015554.D
 Acq: 07 Apr 2020 21:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	58.9	28.6	85.8
134	23.5	11.8	35.3

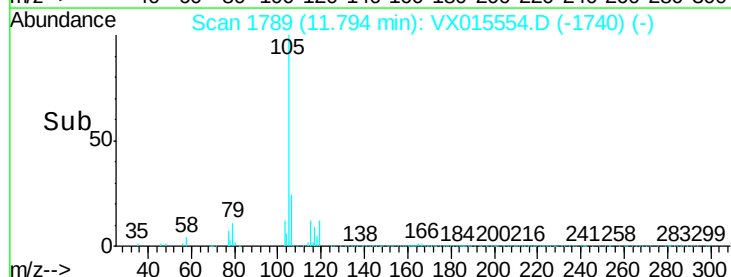
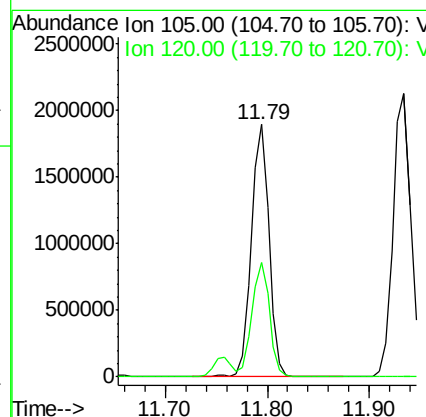
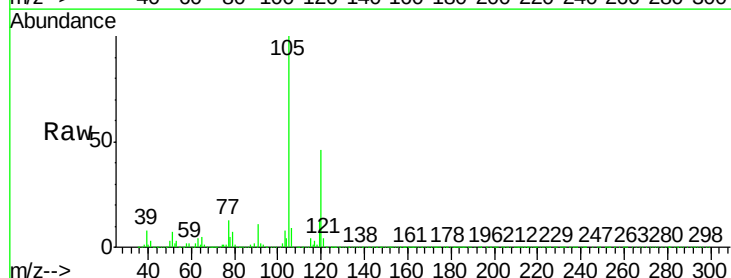
Manual Integrations
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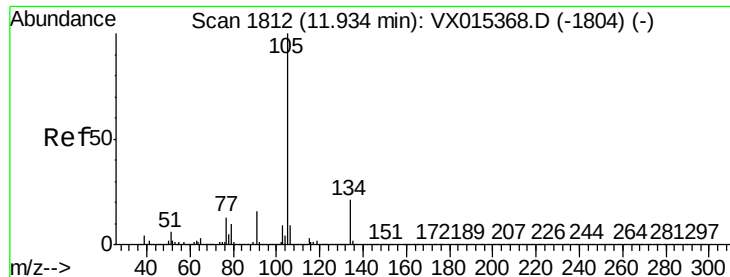
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#84
 1,2,4-Trimethylbenzene
 Concen: 47.429 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015554.D
 Acq: 07 Apr 2020 21:19

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.7	68.1





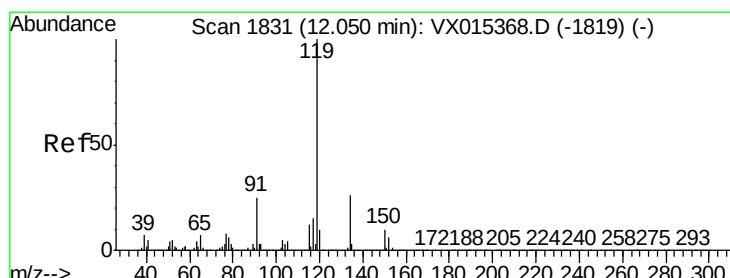
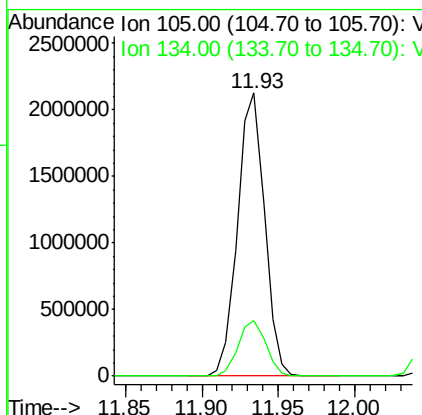
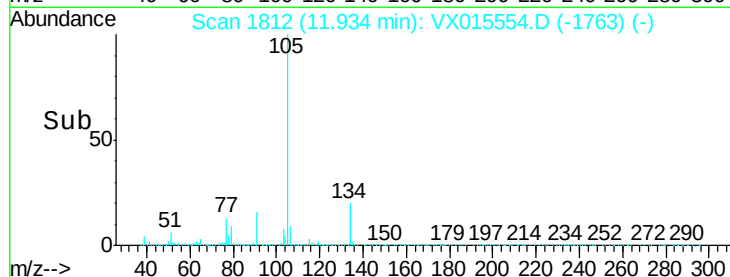
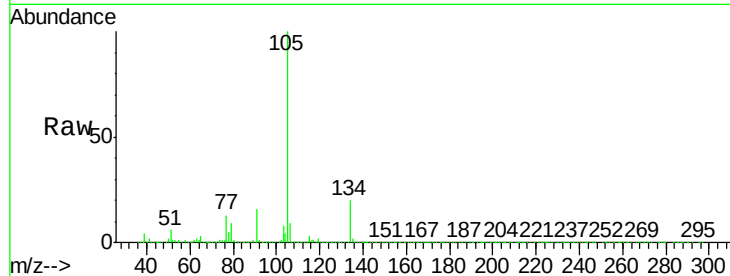
#85
 sec-Butylbenzene
 Concen: 48.821 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VX015554.D
 Acq: 07 Apr 2020 21:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:105 Resp: 2608630
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.4 31.1

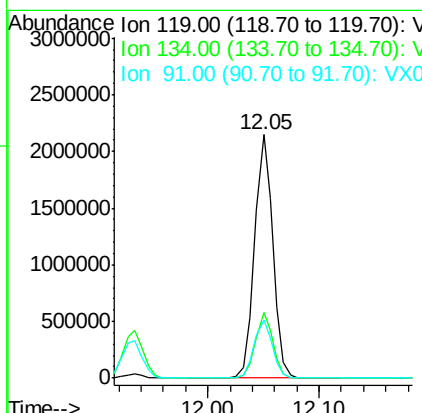
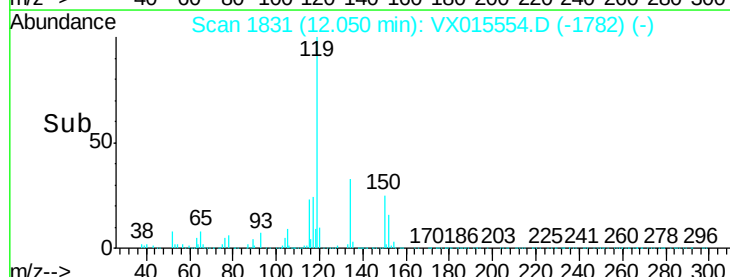
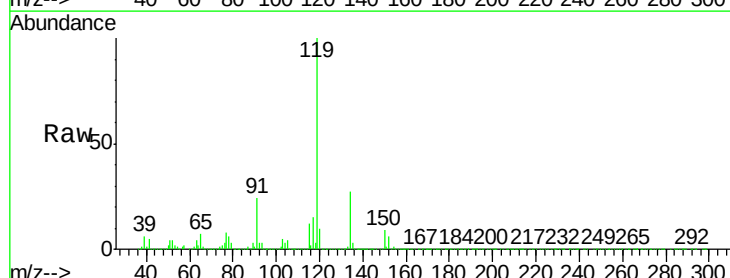
Manual Integrations
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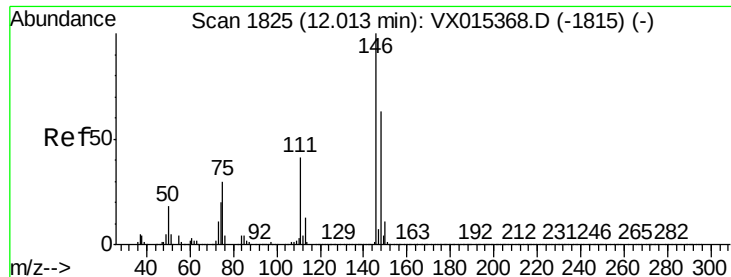
MMDadoda
 4/8/2020 11:13:11 AM



#86
 p-Isopropyltoluene
 Concen: 49.137 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: VX015554.D
 Acq: 07 Apr 2020 21:19

Tgt Ion:119 Resp: 2437411
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.3
 91 23.9 12.4 37.4





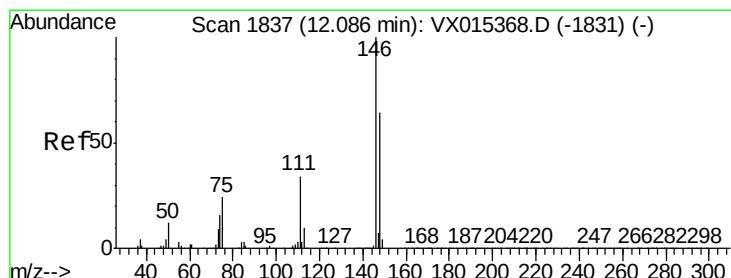
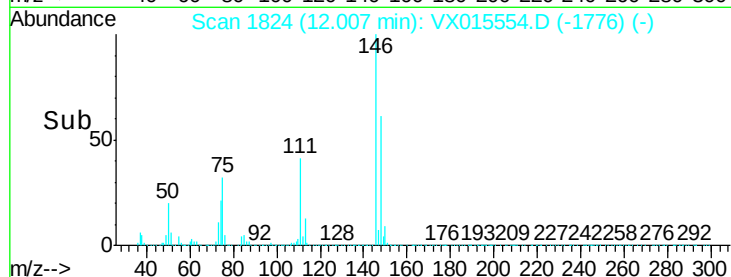
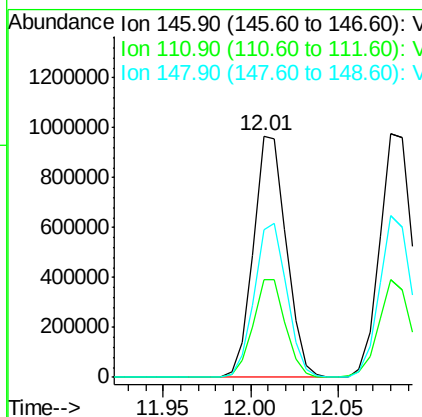
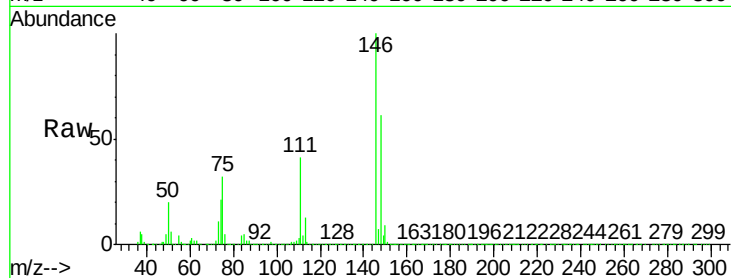
#87
 1,3-Dichlorobenzene
 Concen: 47.763 ug/l
 RT: 12.01 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: VX015554.D
 Acq: 07 Apr 2020 21:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.3	60.9
148	63.2	31.3	93.9

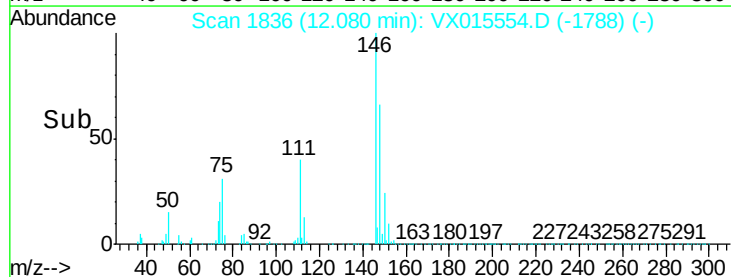
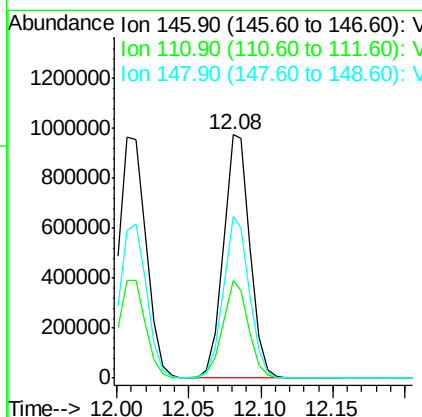
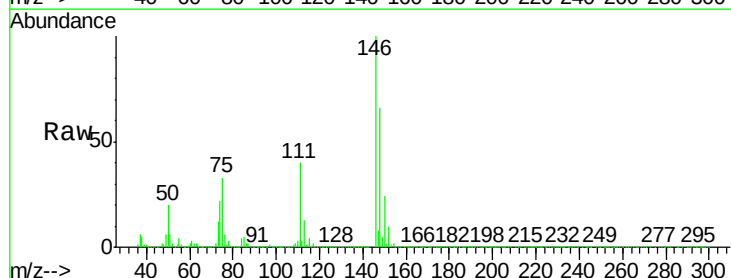
Manual Integrations
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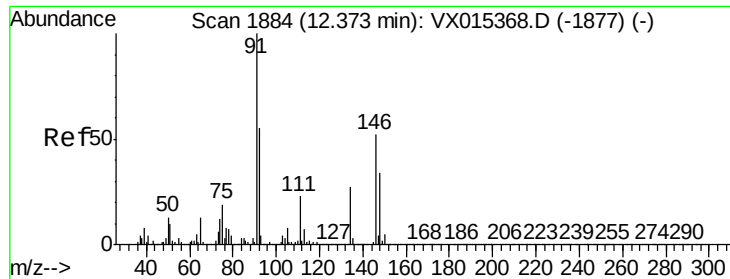
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#88
 1,4-Dichlorobenzene
 Concen: 46.852 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015554.D
 Acq: 07 Apr 2020 21:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.1	57.5
148	65.3	32.4	97.2





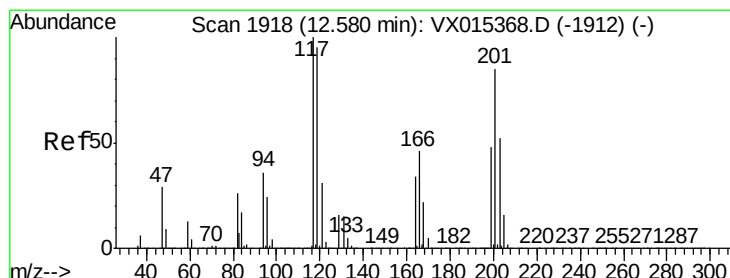
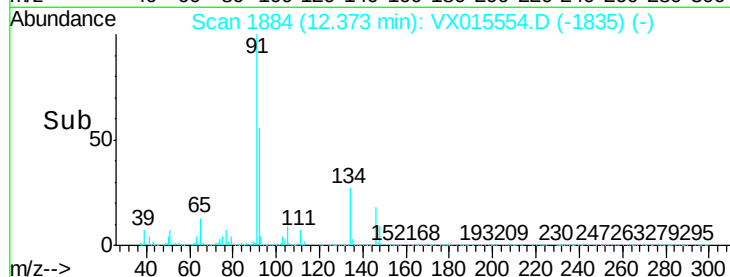
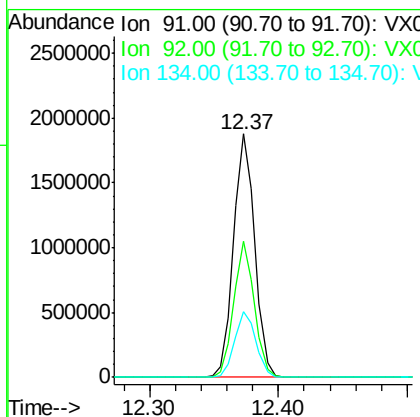
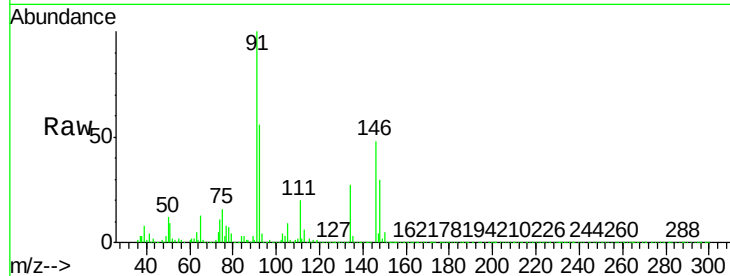
#89
n-Butylbenzene
Concen: 48.399 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 2169532
Ion Ratio Lower Upper
91 100
92 53.9 27.2 81.5
134 27.0 13.4 40.2

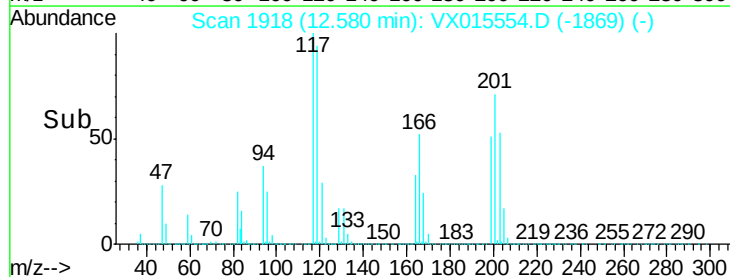
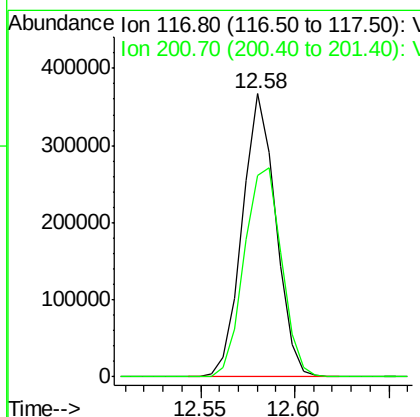
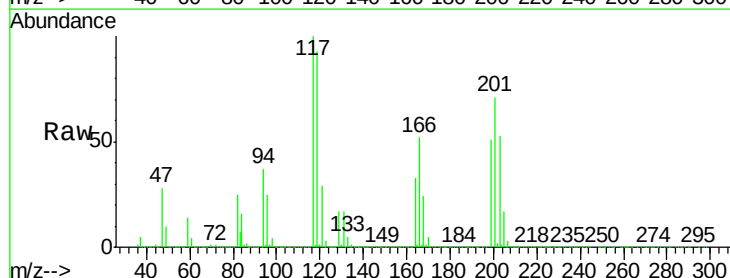
Manual Integrations
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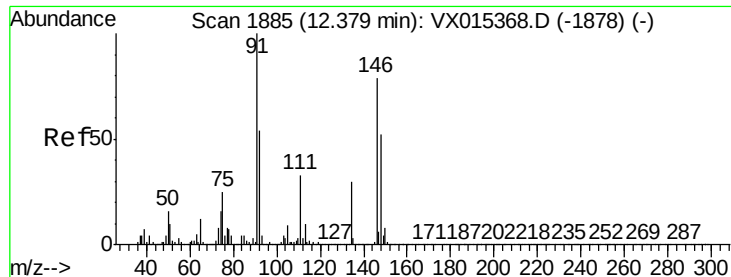
MMDadoda
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#90
Hexachloroethane
Concen: 46.822 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Tgt Ion: 117 Resp: 452054
Ion Ratio Lower Upper
117 100
201 82.4 42.6 128.0





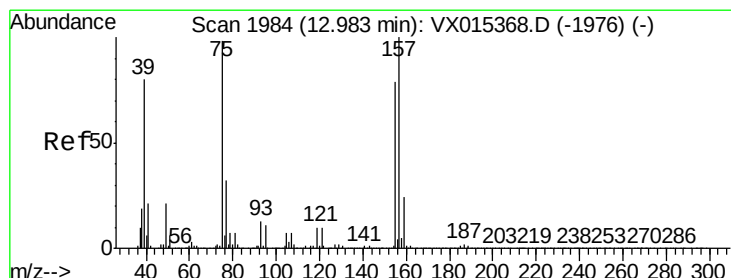
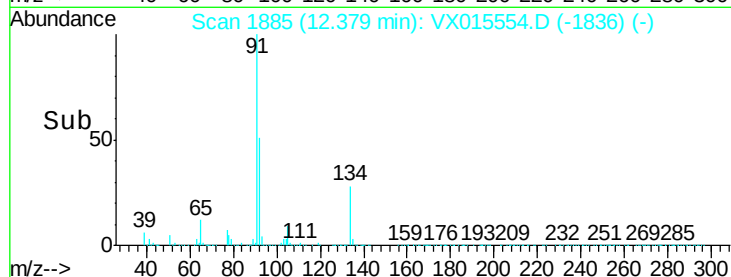
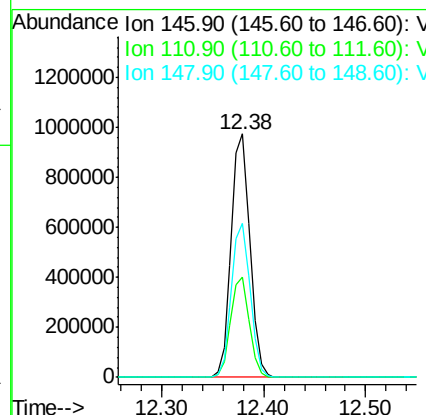
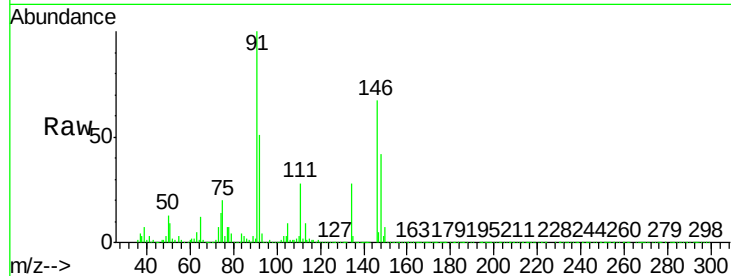
#91
 1,2-Dichlorobenzene
 Concen: 47.682 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015554.D
 Acq: 07 Apr 2020 21:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	21.0	63.0
148	63.3	32.4	97.0

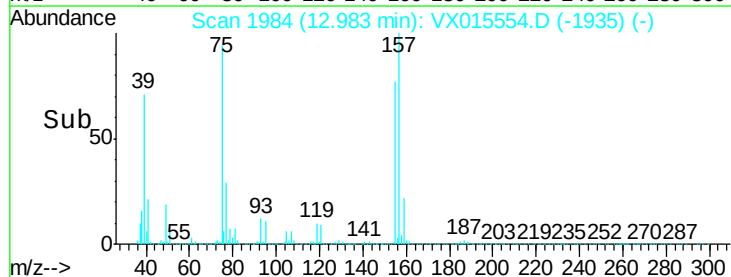
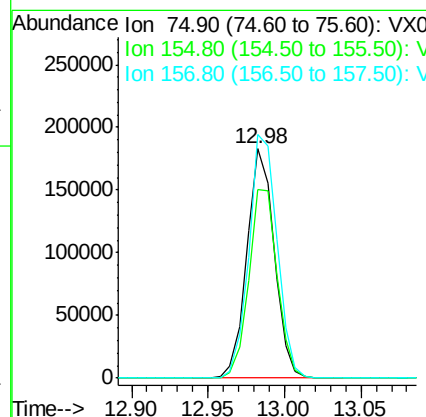
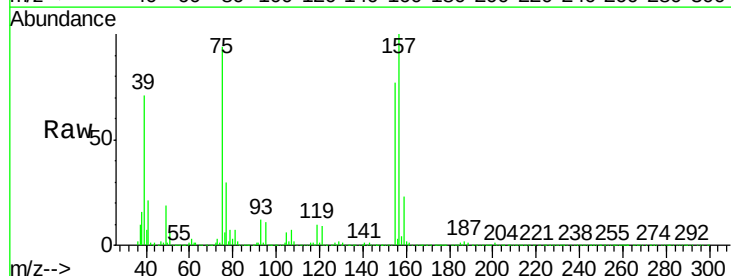
Manual Integrations
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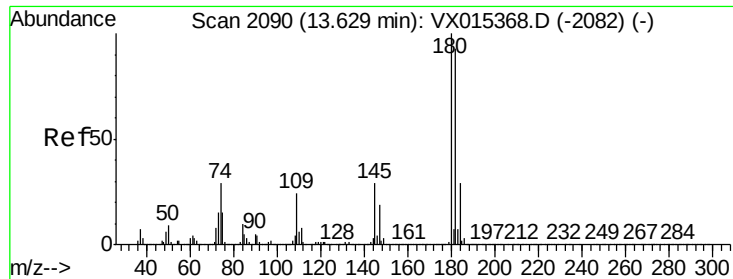
MMDadoda
 4/8/2020 11:13:11 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.193 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015554.D
 Acq: 07 Apr 2020 21:19

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.7	42.8	128.4
157	109.4	53.4	160.3





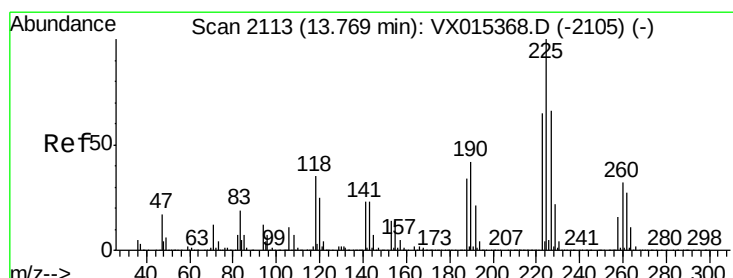
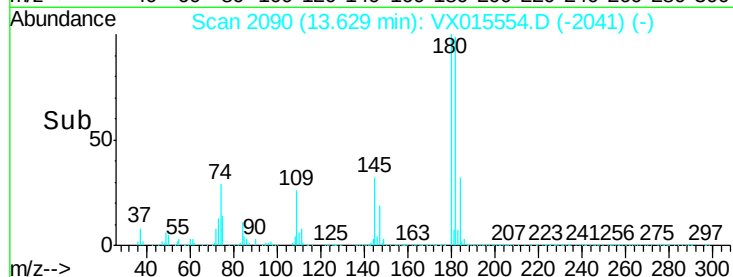
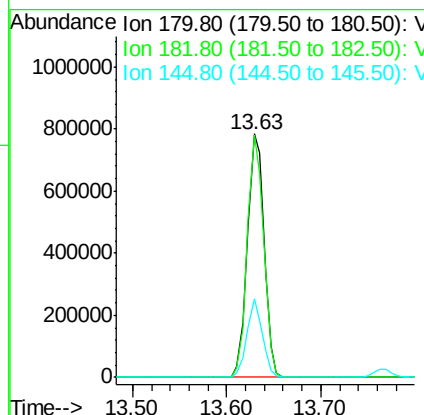
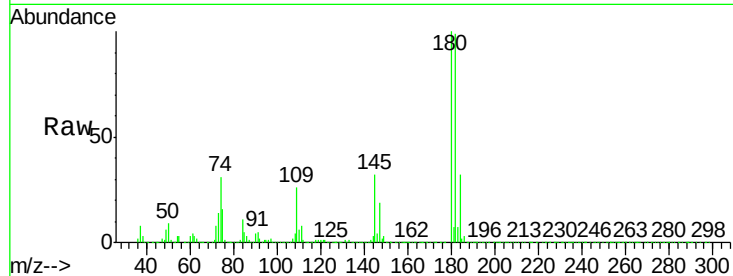
#93
 1,2,4-Trichlorobenzene
 Concen: 47.466 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015554.D
 Acq: 07 Apr 2020 21:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	971716		
182	97.3	46.9	140.7	
145	29.7	14.9	44.5	

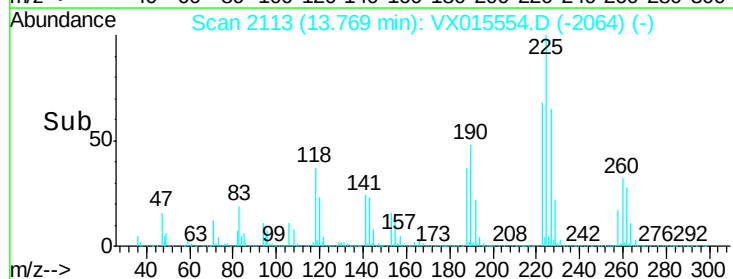
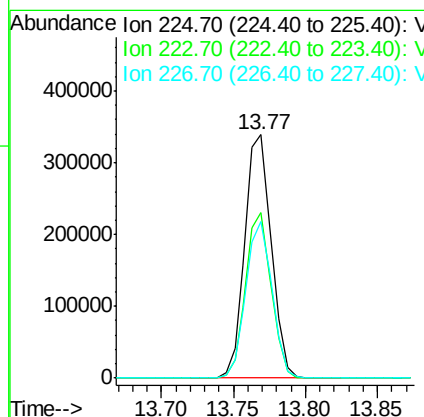
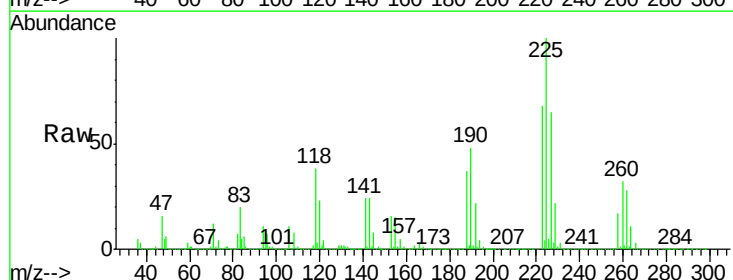
Manual Integrations
 APPROVED

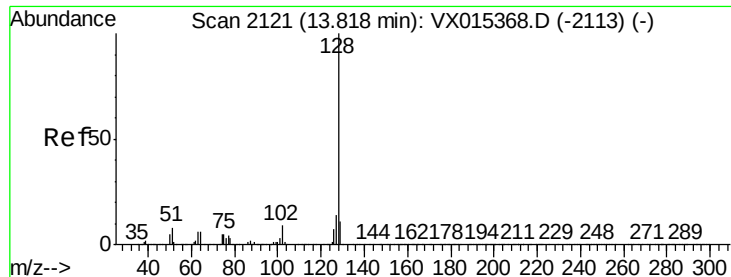
MMDadoda
 4/8/2020 11:13:11 AM



#94
 Hexachlorobutadiene
 Concen: 44.242 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015554.D
 Acq: 07 Apr 2020 21:19

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	431221		
223	65.9	31.9	95.7	
227	63.4	30.4	91.3	





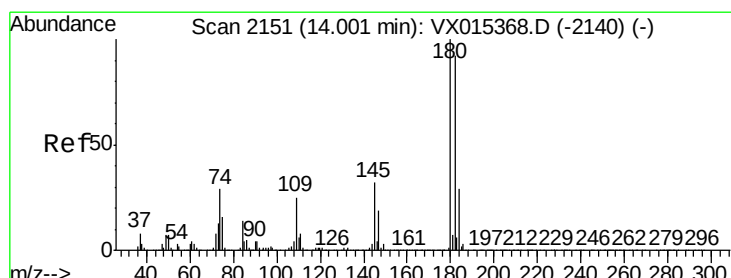
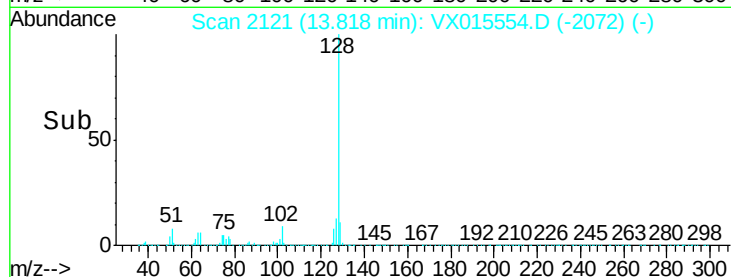
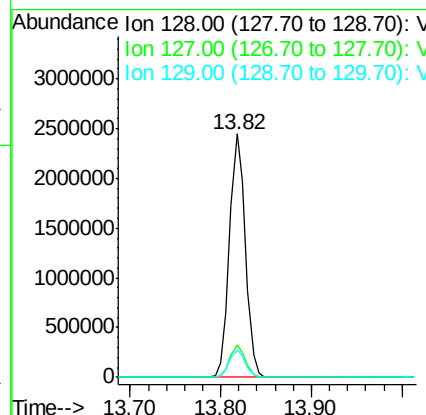
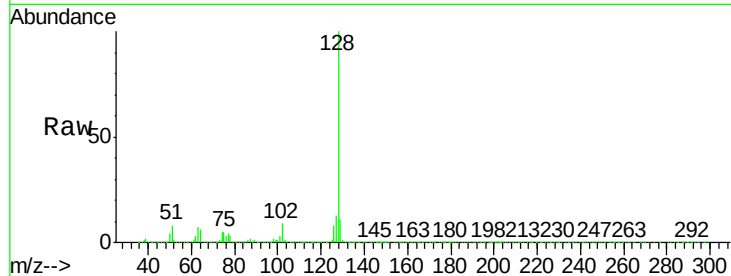
#95
Naphthalene
Concen: 47.546 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	11.2	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
4/8/2020 11:13:11 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.952 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015554.D
Acq: 07 Apr 2020 21:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.7	46.7	140.0
145	30.9	15.8	47.3

