

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040220\
 Data File : VX015474.D
 Acq On : 02 Apr 2020 12:10
 Operator : JC/SP
 Sample : VX0402WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/3/2020 12:36:31 PM

Quant Time: Apr 03 08:25:54 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	1144353	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1780411	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1630618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	851830	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	776948	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
35) Dibromofluoromethane	5.47	113	560408	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
50) Toluene-d8	8.70	98	2092779	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
62) 4-Bromofluorobenzene	11.12	95	841034	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	202949	20.130	ug/l	99
3) Chloromethane	1.31	50	227423	17.713	ug/l	99
4) Vinyl Chloride	1.39	62	220707	18.721	ug/l	97
5) Bromomethane	1.63	94	142222	21.572	ug/l	99
6) Chloroethane	1.71	64	135477	18.529	ug/l	97
7) Trichlorofluoromethane	1.92	101	318604	20.151	ug/l	100
8) Diethyl Ether	2.17	74	118329	17.744	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	212171	20.585	ug/l	98
10) Methyl Iodide	2.49	142	237350	17.080	ug/l	99
11) Tert butyl alcohol	3.01	59	292545	75.727	ug/l	98
12) 1,1-Dichloroethene	2.36	96	207464	19.203	ug/l	99
13) Acrolein	2.27	56	211533	96.124	ug/l	100
14) Allyl chloride	2.71	41	465919	18.456	ug/l	98
15) Acrylonitrile	3.11	53	639746	86.836	ug/l	99
16) Acetone	2.42	43	618263	89.163	ug/l	98
17) Carbon Disulfide	2.55	76	603805	18.320	ug/l	99
18) Methyl Acetate	2.75	43	308664	17.441	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	766144	18.284	ug/l	99
20) Methylene Chloride	2.83	84	232383	17.942	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	220433	18.384	ug/l	90
22) Diisopropyl ether	3.83	45	860322	19.233	ug/l	92
23) Vinyl Acetate	3.78	43	3802880	93.896	ug/l	99
24) 1,1-Dichloroethane	3.67	63	434860	18.464	ug/l	100
25) 2-Butanone	4.63	43	942695	84.536	ug/l	97
26) 2,2-Dichloropropane	4.55	77	399861	20.684	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	253317	18.261	ug/l	95
28) Bromochloromethane	4.98	49	229432	20.403	ug/l	99
29) Tetrahydrofuran	5.09	42	593770	82.825	ug/l	100
30) Chloroform	5.18	83	423663	18.697	ug/l	98
31) Cyclohexane	5.55	56	403752	19.761	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	385356	18.792	ug/l	99
36) 1,1-Dichloropropene	5.77	75	322890	19.683	ug/l	98
37) Ethyl Acetate	4.79	43	367346	17.198	ug/l	99
38) Carbon Tetrachloride	5.75	117	343743	19.346	ug/l	95

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 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)
39) Methylcyclohexane	7.44	83	390326	20.636	ug/l	98
40) Benzene	6.11	78	919095	19.127	ug/l	98
41) Methacrylonitrile	5.01	41	212120	17.889	ug/l	99
42) 1,2-Dichloroethane	6.16	62	365790	18.951	ug/l	100
43) Isopropyl Acetate	6.41	43	651378	18.065	ug/l	99
44) Trichloroethene	7.19	130	249148	19.011	ug/l	98
45) 1,2-Dichloropropane	7.49	63	251252	19.113	ug/l	96
46) Dibromomethane	7.64	93	161081	18.680	ug/l	97
47) Bromodichloromethane	7.87	83	347452	18.910	ug/l	99
48) Methyl methacrylate	7.75	41	323171	17.944	ug/l	98
49) 1,4-Dioxane	7.71	88	112799	335.728	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1855939	90.823	ug/l	99
52) Toluene	8.76	92	577578	19.496	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	402820	18.693	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	423469	19.291	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	228496	18.825	ug/l	97
56) Ethyl methacrylate	9.16	69	388865	18.178	ug/l	100
57) 1,3-Dichloropropane	9.35	76	405514	18.543	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1001839	96.285	ug/l	99
59) 2-Hexanone	9.47	43	1401861	90.867	ug/l	98
60) Dibromochloromethane	9.56	129	271404	18.608	ug/l	99
61) 1,2-Dibromoethane	9.65	107	240963	18.257	ug/l	98
64) Tetrachloroethene	9.32	164	240227	19.521	ug/l	96
65) Chlorobenzene	10.12	112	613238	18.858	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	245018	18.860	ug/l	99
67) Ethyl Benzene	10.24	91	1139662	19.760	ug/l	100
68) m/p-Xylenes	10.34	106	831224	38.703	ug/l	98
69) o-Xylene	10.68	106	401482	18.918	ug/l	97
70) Styrene	10.70	104	706743	18.925	ug/l	100
71) Bromoform	10.84	173	206885	17.493	ug/l #	98
73) Isopropylbenzene	11.00	105	1092586	19.576	ug/l	99
74) N-amyl acetate	10.88	43	549621	17.705	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	346234	18.078	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	326900m	18.662	ug/l	
77) Bromobenzene	11.24	156	278496	18.707	ug/l	98
78) n-propylbenzene	11.34	91	1286827	20.163	ug/l	99
79) 2-Chlorotoluene	11.40	91	767245	19.614	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	937471	19.667	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	125628	17.208	ug/l	95
82) 4-Chlorotoluene	11.49	91	898227	19.587	ug/l	99
83) tert-Butylbenzene	11.76	119	892085	19.160	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	955415	19.669	ug/l	99
85) sec-Butylbenzene	11.93	105	1078741	20.033	ug/l	100
86) p-Isopropyltoluene	12.05	119	1013542	20.275	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	504440	18.927	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	505525	18.621	ug/l	98
89) n-Butylbenzene	12.37	91	912374	20.197	ug/l	98
90) Hexachloroethane	12.58	117	181673	18.672	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	482937	18.516	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	84969	15.719	ug/l	96

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

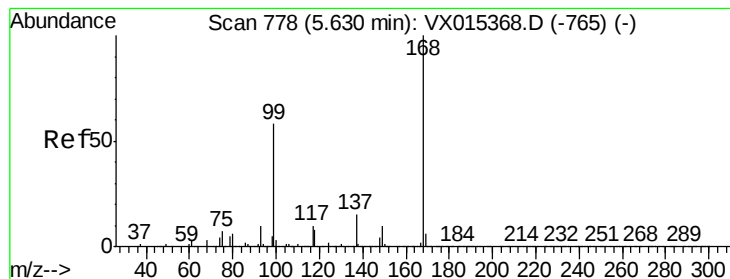
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	377519	18.299	ug/l	100
94) Hexachlorobutadiene	13.77	225	180538	18.380	ug/l	98
95) Naphthalene	13.82	128	1161524	18.457	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	369388	18.596	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: VX015474.D

Acq: 02 Apr 2020 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS01

Tot Ion:168 Resp: 1144353

Ion Ratio Lower Upper

168 100

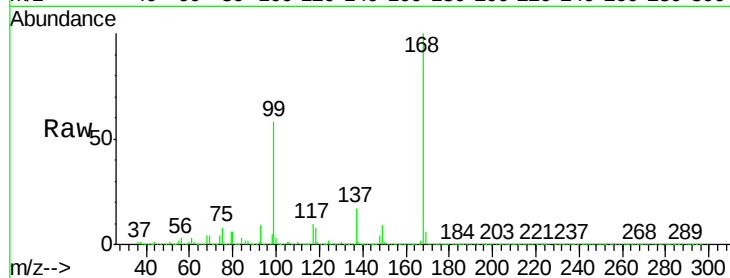
99 58.3 46.4 69.6

Manual Integrations

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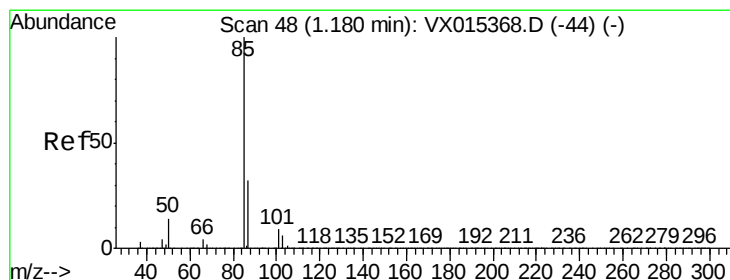
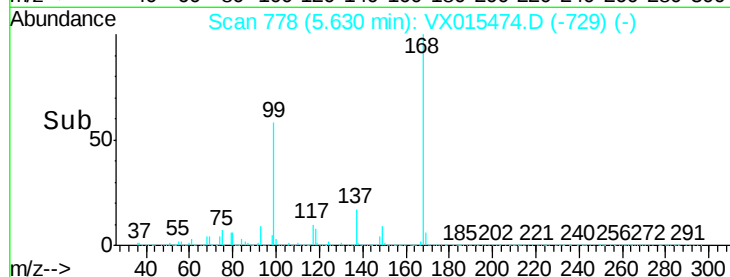
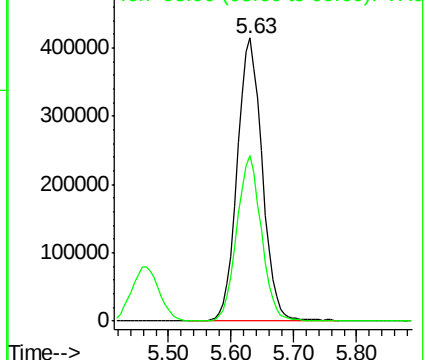
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 20.130 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015474.D

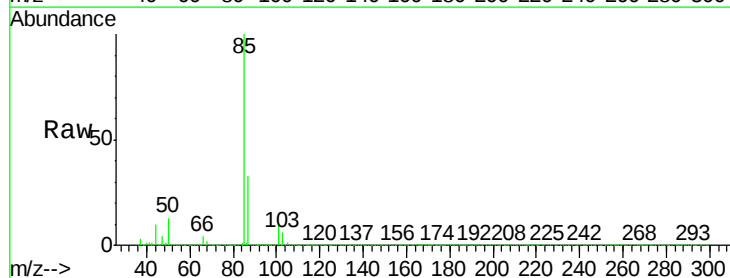
Acq: 02 Apr 2020 12:10

Tgt Ion: 85 Resp: 202949

Ion Ratio Lower Upper

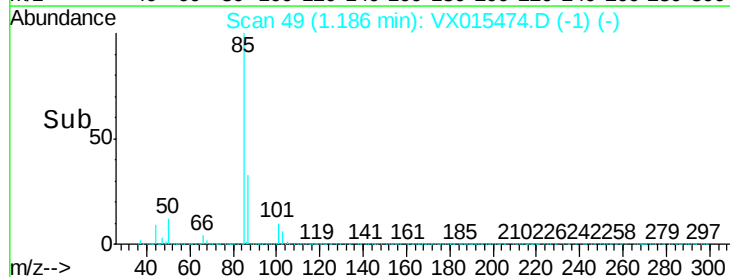
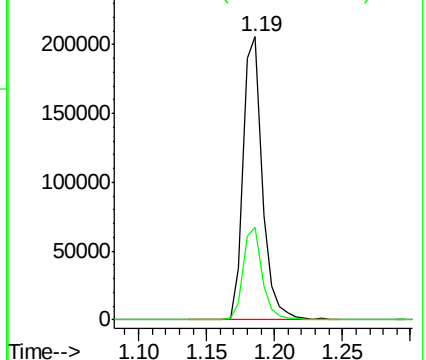
85 100

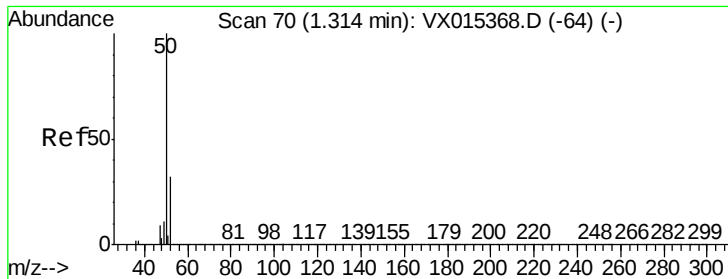
87 32.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 17.713 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015474.D

Acq: 02 Apr 2020 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS01

Tot Ion: 50 Resp: 227423

Ion Ratio Lower Upper

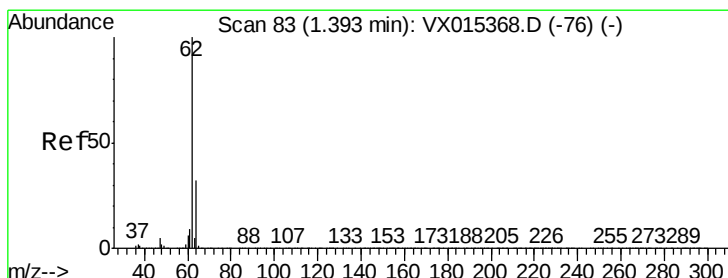
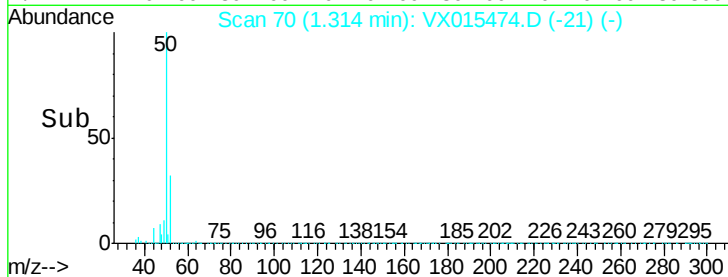
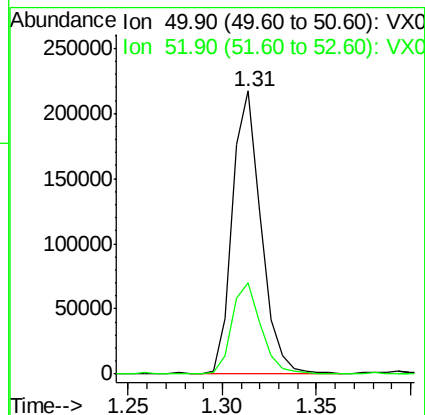
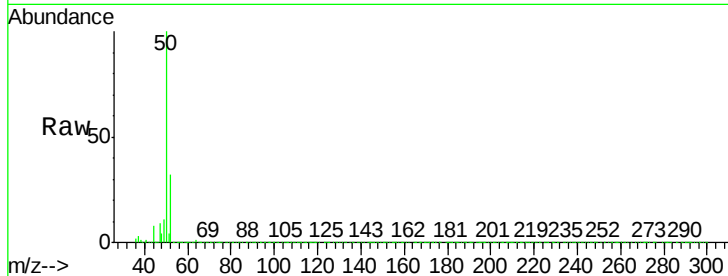
50 100

52 32.0 25.3 37.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 18.721 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015474.D

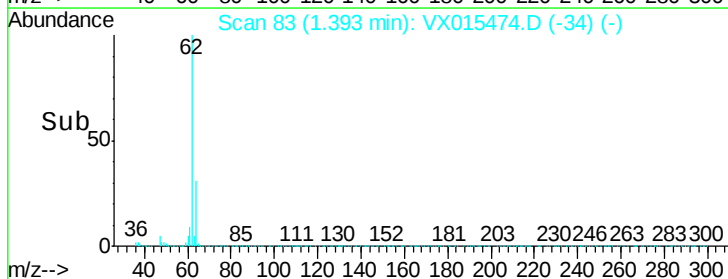
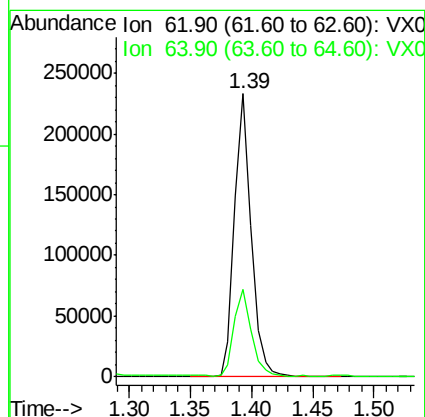
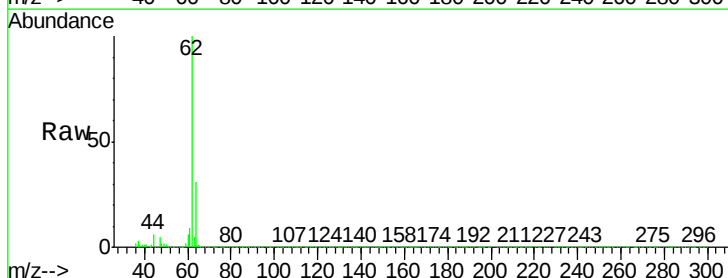
Acq: 02 Apr 2020 12:10

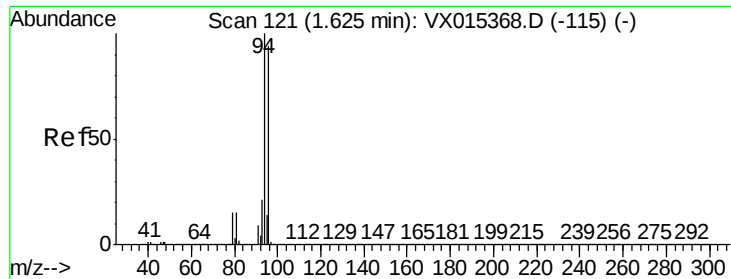
Tgt Ion: 62 Resp: 220707

Ion Ratio Lower Upper

62 100

64 30.6 26.0 39.0





#5

Bromomethane

Concen: 21.572 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015474.D

Acq: 02 Apr 2020 12:10

Instrument :

MSVOA_X

ClientSampled :

VX0402WBS01

Tot Ion: 94 Resp: 142222

Ion Ratio Lower Upper

94 100

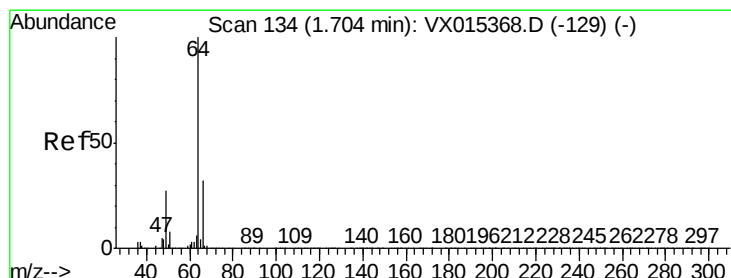
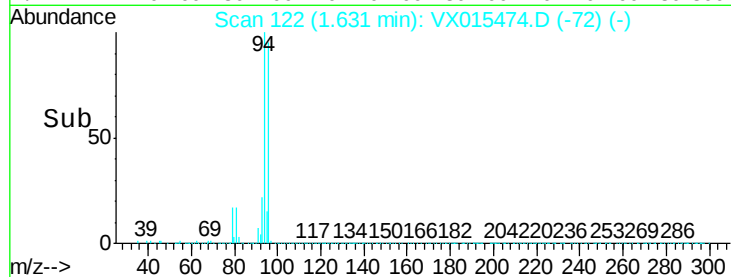
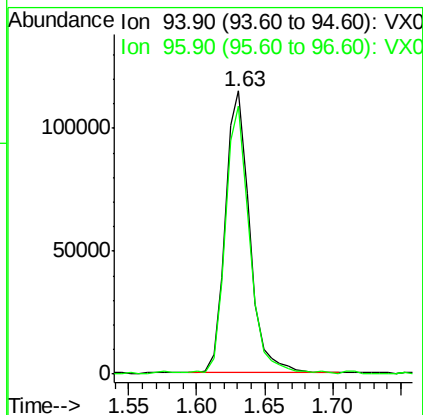
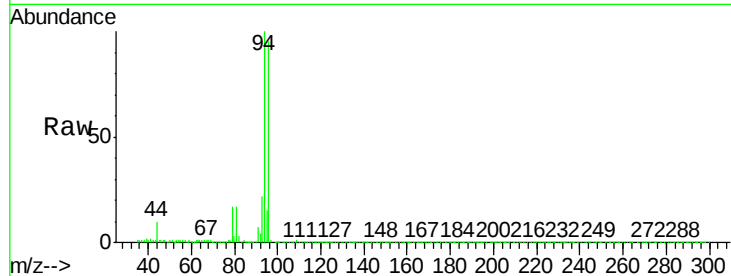
96 94.7 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 18.529 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015474.D

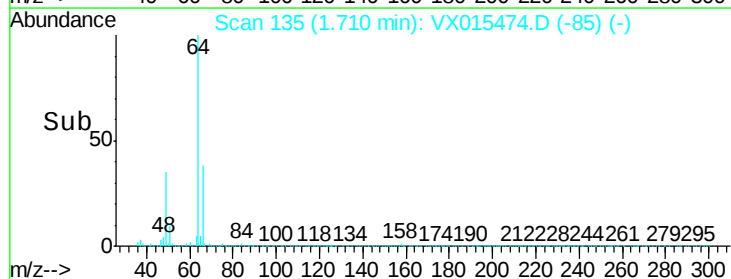
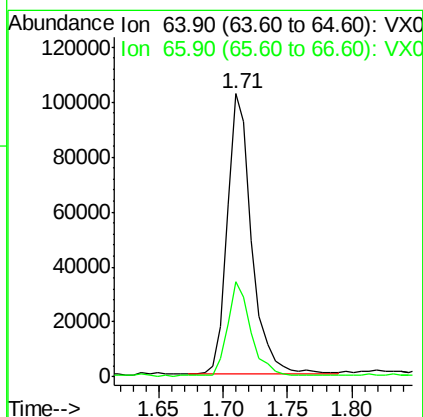
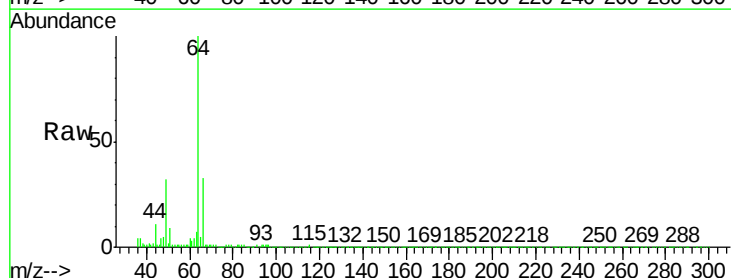
Acq: 02 Apr 2020 12:10

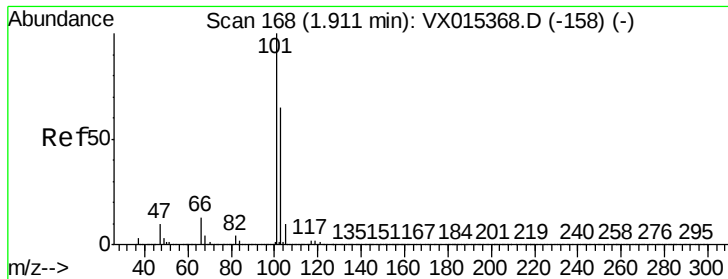
Tgt Ion: 64 Resp: 135477

Ion Ratio Lower Upper

64 100

66 33.4 25.4 38.2





#7

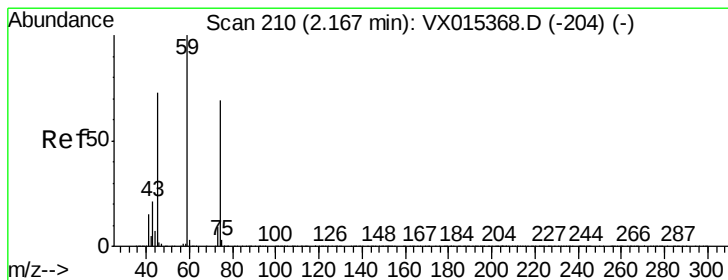
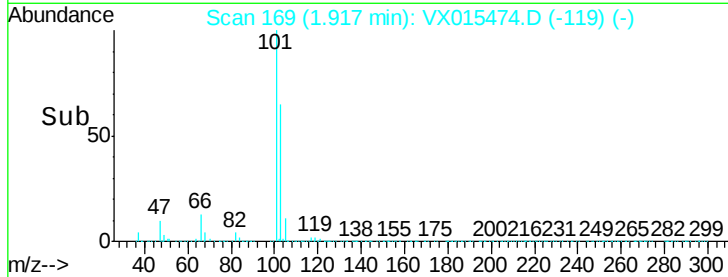
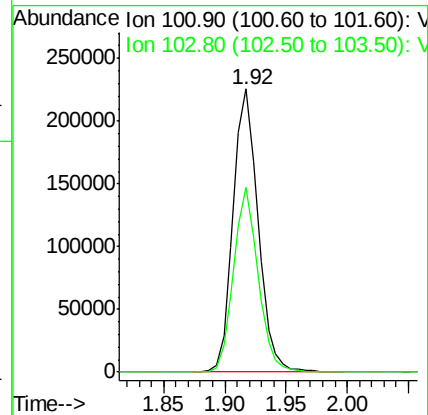
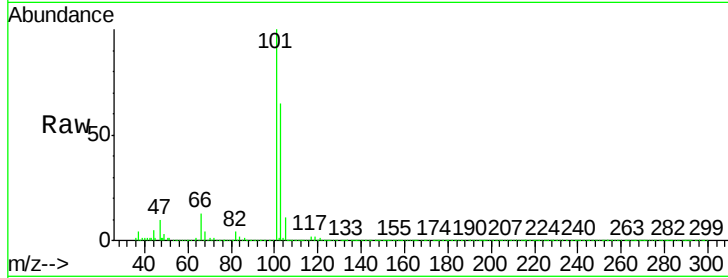
Trichlorofluoromethane
Concen: 20.151 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015474.D
Acq: 02 Apr 2020 12:10

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ClientSampled :
VX0402WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	318604		
103	65.1	52.3	78.5	

Manual Integrations
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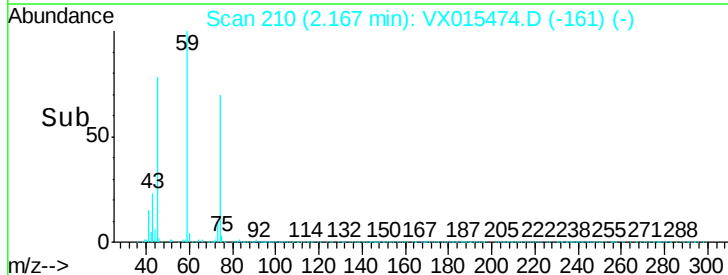
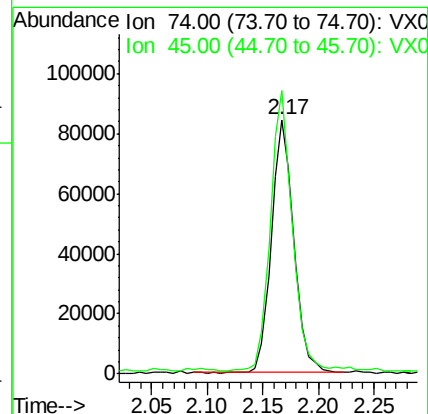
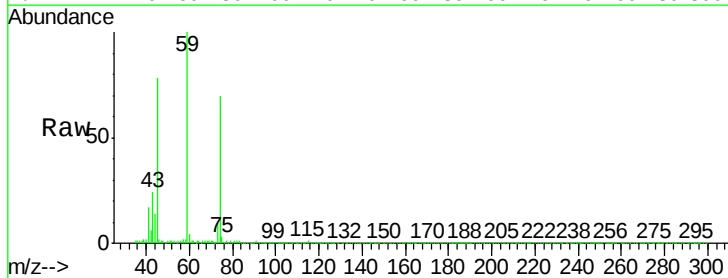
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4/3/2020 12:36:31 PM



#8

Diethyl Ether
Concen: 17.744 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015474.D
Acq: 02 Apr 2020 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	118329		
45	109.3	53.8	161.4	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.585 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015474.D

Acq: 02 Apr 2020 12:10

Instrument :

MSVOA_X

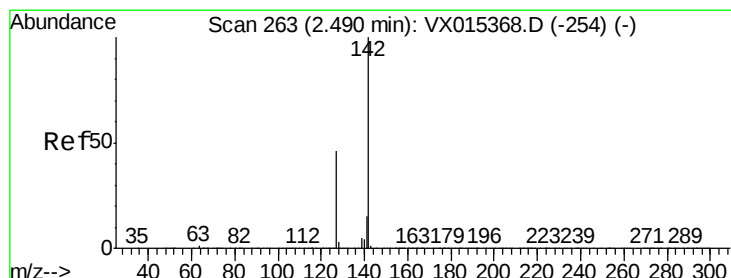
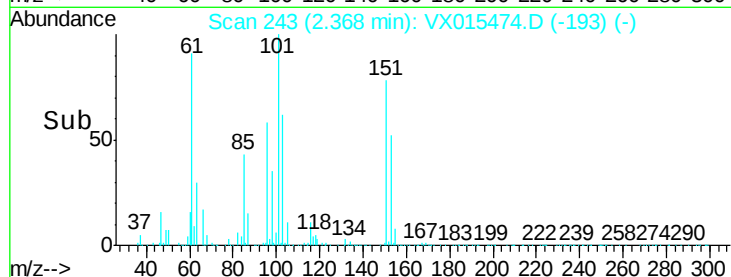
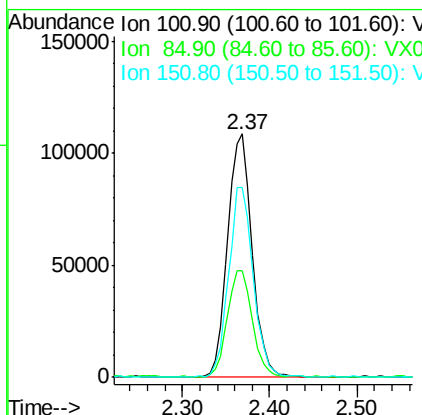
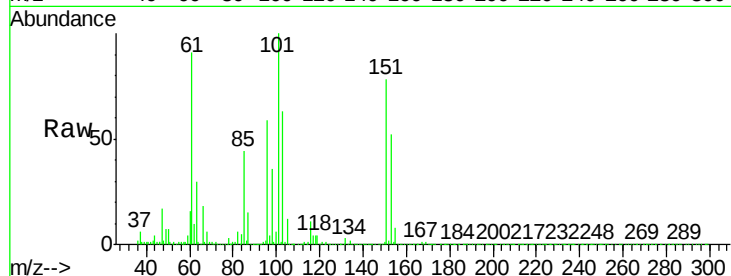
ClientSampled :

VX0402WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	212171		
85	44.9	35.0	52.4	
151	78.5	64.1	96.1	

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#10

Methyl Iodide

Concen: 17.080 ug/l

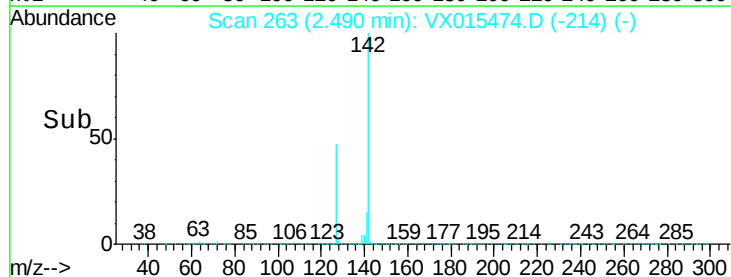
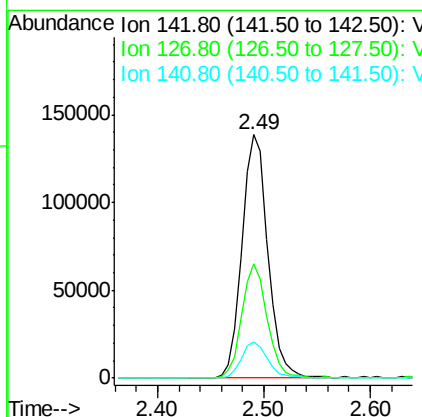
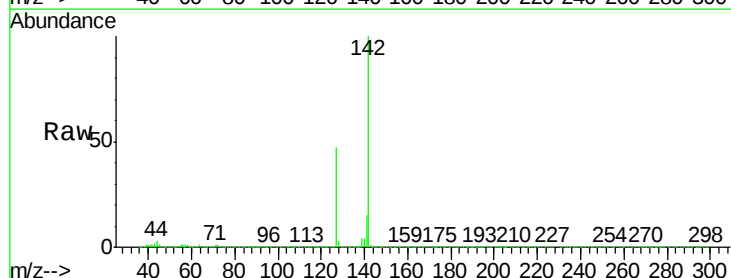
RT: 2.49 min Scan# 263

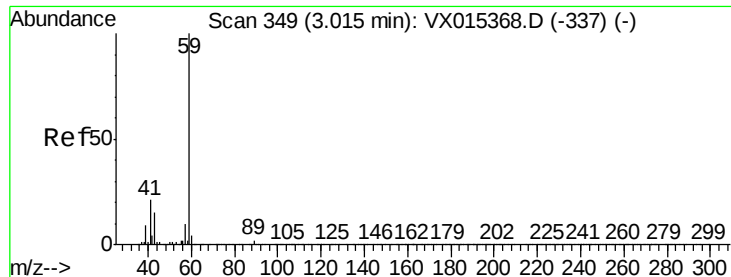
Delta R.T. -0.00 min

Lab File: VX015474.D

Acq: 02 Apr 2020 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	237350		
127	45.4	35.9	53.9	
141	15.0	11.6	17.4	





#11

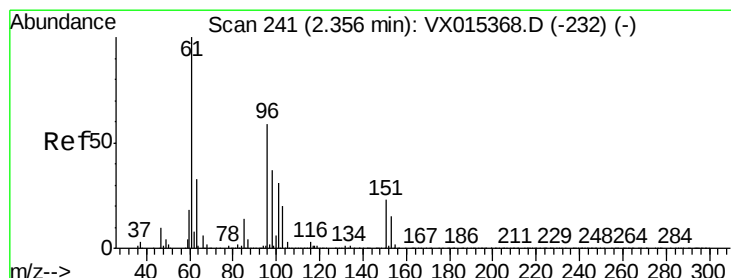
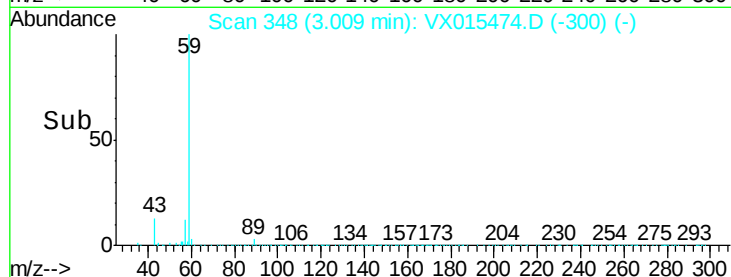
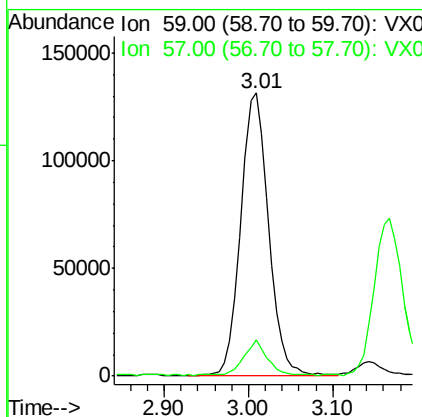
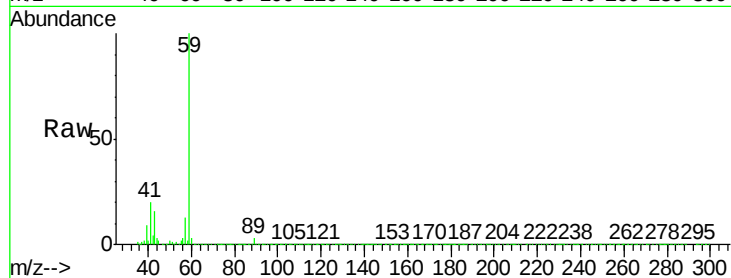
Tert butyl alcohol
Concen: 75.727 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015474.D
Acq: 02 Apr 2020 12:10

Instrument :
MSVOA_X
ClientSampled :
VX0402WBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	292545		
57	10.7		8.1	12.1

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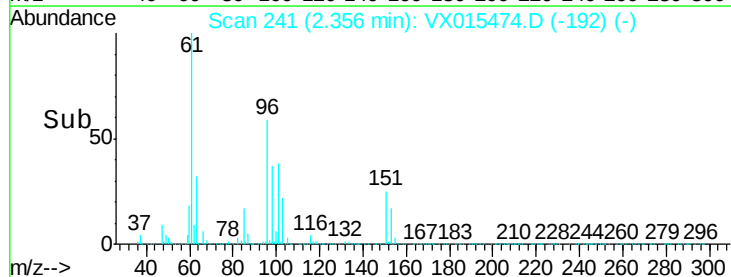
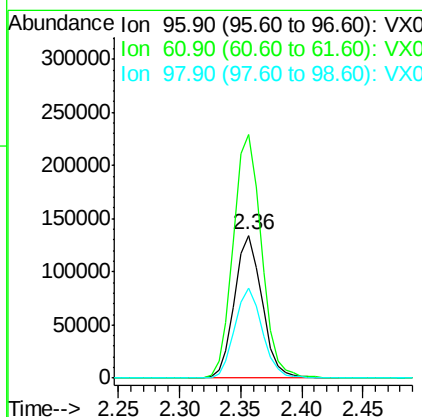
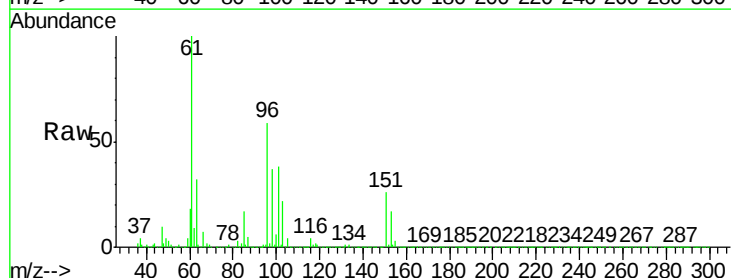
MMDadoda
4/3/2020 12:36:31 PM



#12

1,1-Dichloroethene
Concen: 19.203 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015474.D
Acq: 02 Apr 2020 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	207464		
61	170.6		135.7	203.5
98	62.6		50.6	75.8





#13

Acrolein

Concen: 96.124 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015474.D

Acq: 02 Apr 2020 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS01

Tot Ion: 56 Resp: 211533

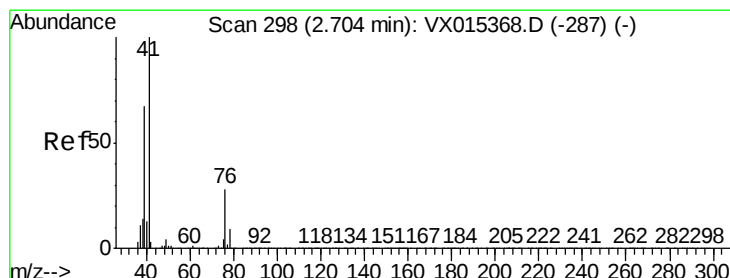
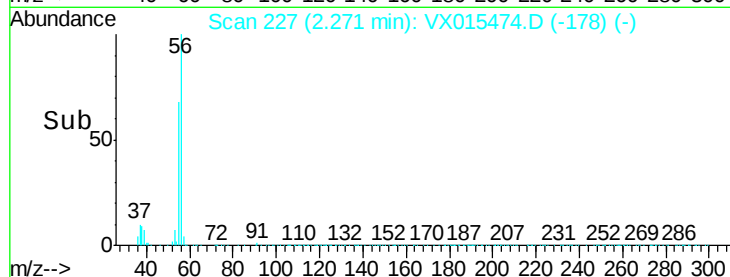
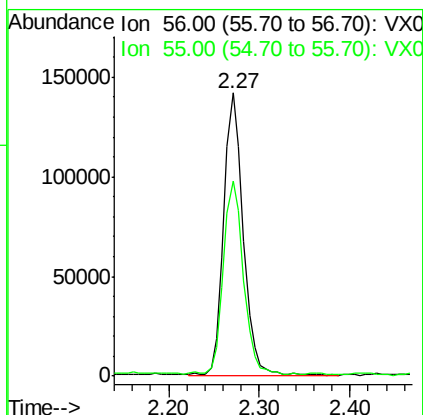
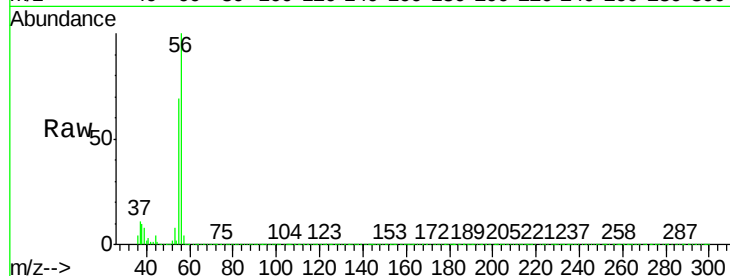
Ion Ratio Lower Upper

56 100

55 71.6 57.0 85.4

Manual Integrations
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#14

Allyl chloride

Concen: 18.456 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015474.D

Acq: 02 Apr 2020 12:10

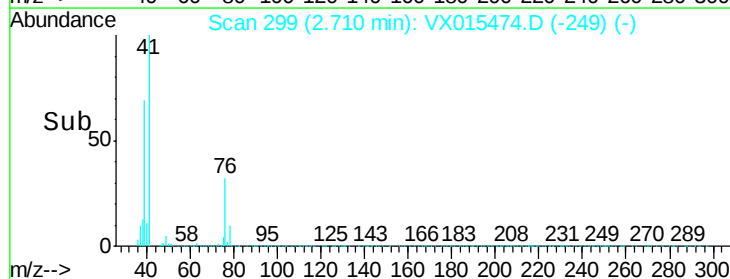
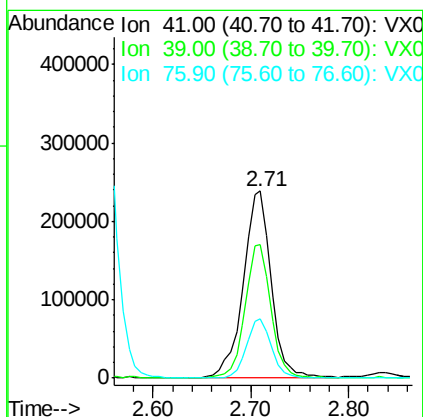
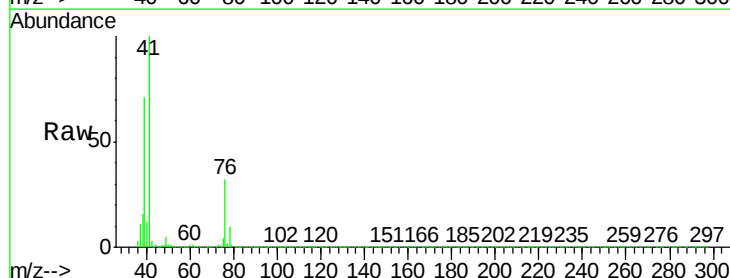
Tgt Ion: 41 Resp: 465919

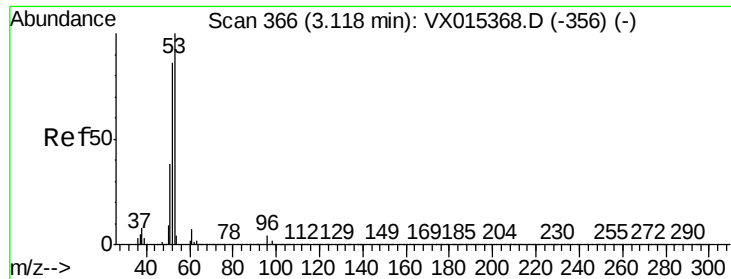
Ion Ratio Lower Upper

41 100

39 66.3 51.4 77.0

76 28.2 21.8 32.8





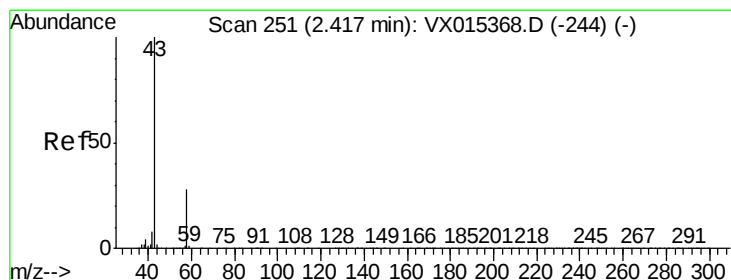
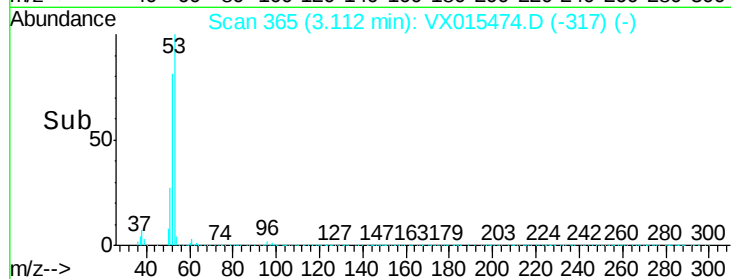
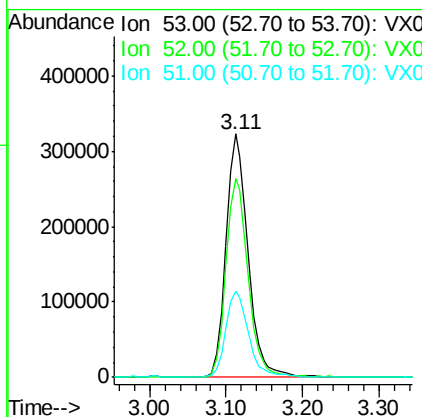
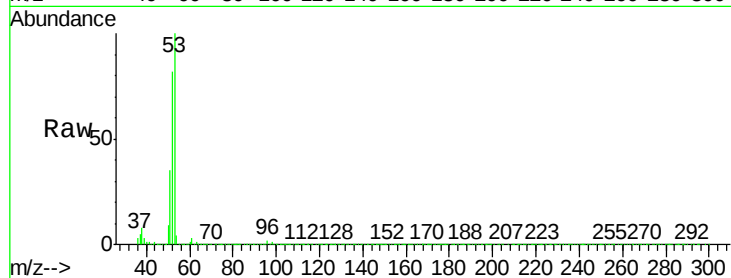
#15
 Acrylonitrile
 Concen: 86.836 ug/l
 RT: 3.11 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: VX015474.D
 Acq: 02 Apr 2020 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

Tot Ion:	53	Resp:	639746
Ion Ratio	Lower	Upper	
53	100		
52	82.1	66.8	100.2
51	36.7	29.5	44.3

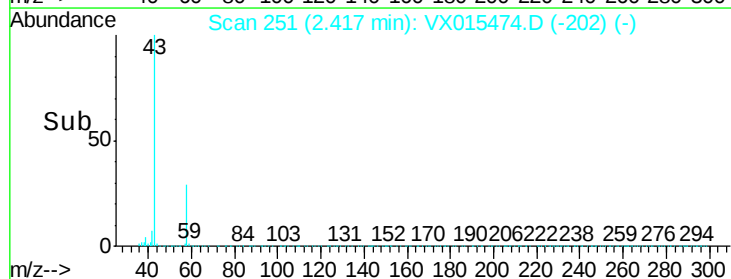
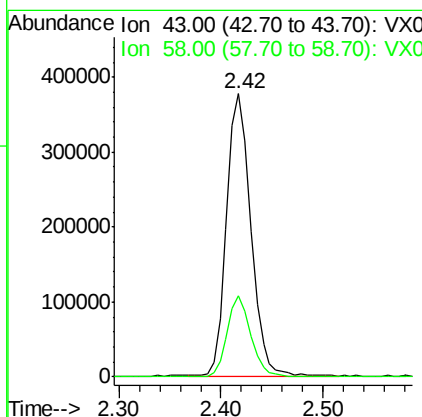
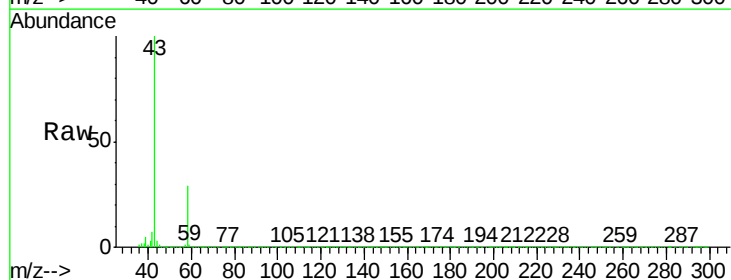
Manual Integrations
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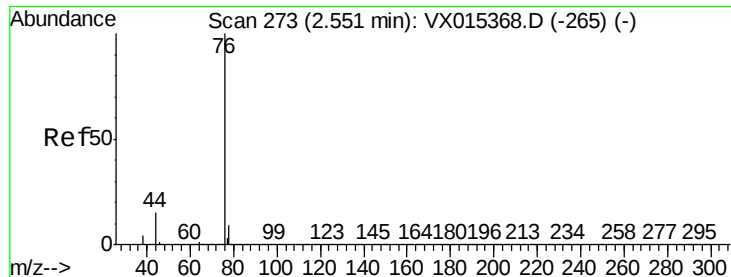
MMDadoda
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#16
 Acetone
 Concen: 89.163 ug/l
 RT: 2.42 min Scan# 251
 Delta R.T. -0.00 min
 Lab File: VX015474.D
 Acq: 02 Apr 2020 12:10

Tgt Ion:	43	Resp:	618263
Ion Ratio	Lower	Upper	
43	100		
58	28.5	22.1	33.1





#17

Carbon Disulfide

Concen: 18.320 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015474.D

Acq: 02 Apr 2020 12:10

Instrument :

MSVOA_X

ClientSampled :

VX0402WBS01

Tot Ion: 76 Resp: 603805

Ion Ratio Lower Upper

76 100

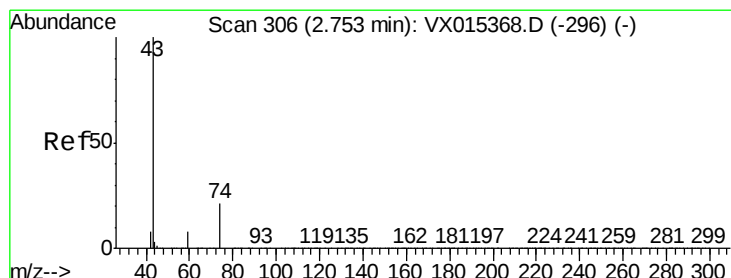
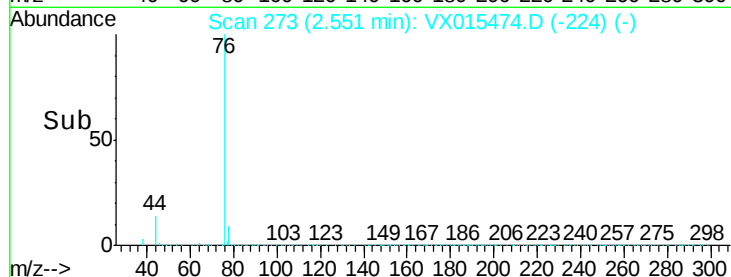
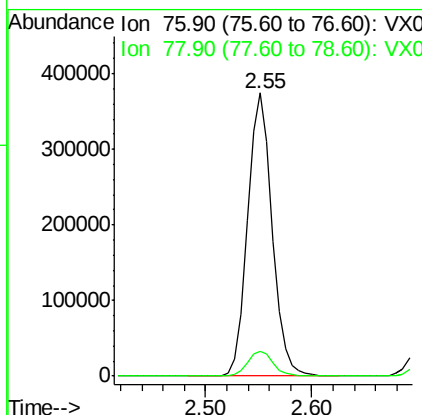
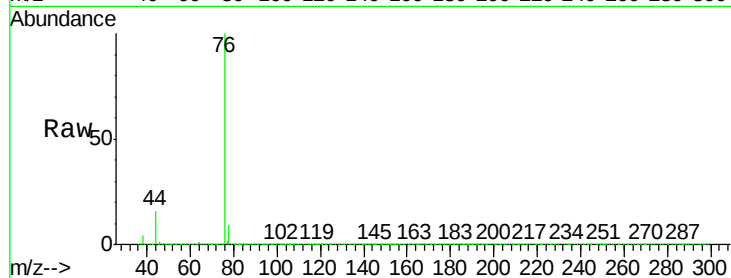
78 8.7 7.1 10.7

Manual Integrations

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#18

Methyl Acetate

Concen: 17.441 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015474.D

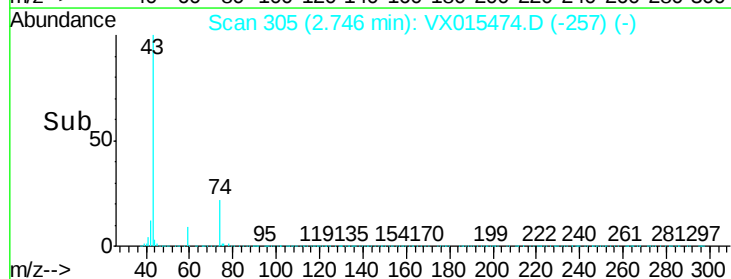
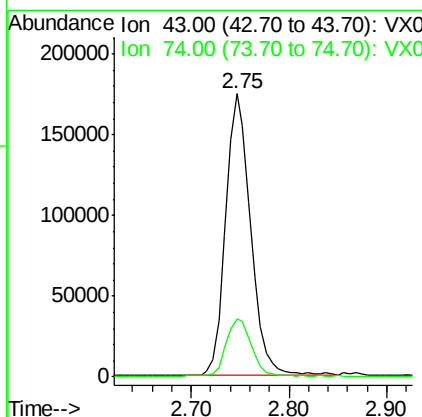
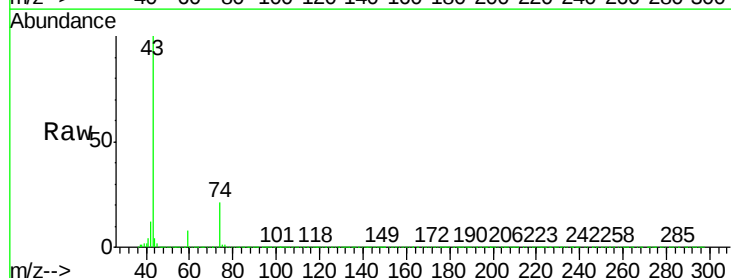
Acq: 02 Apr 2020 12:10

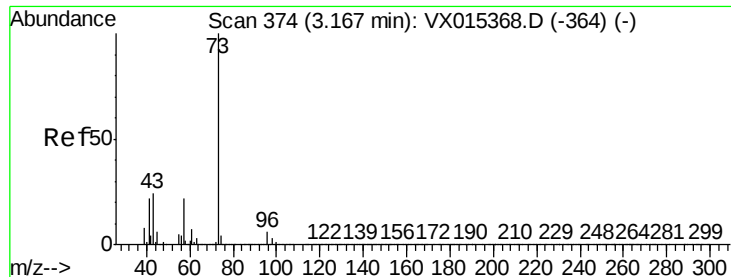
Tgt Ion: 43 Resp: 308664

Ion Ratio Lower Upper

43 100

74 21.9 16.5 24.7





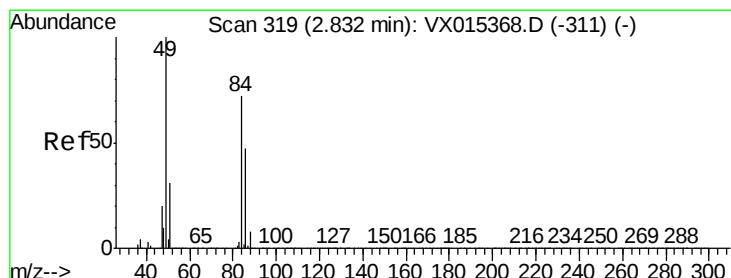
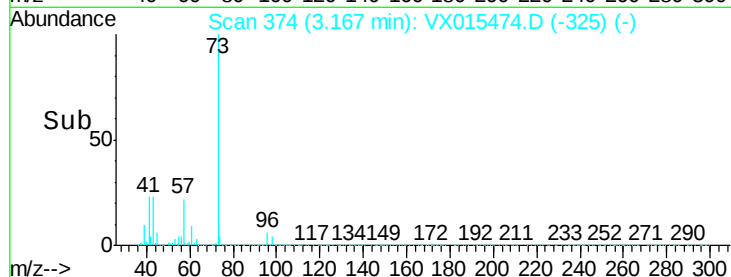
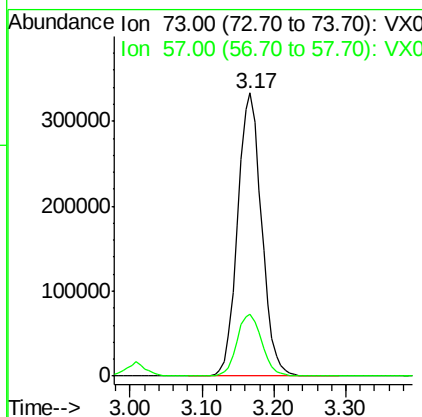
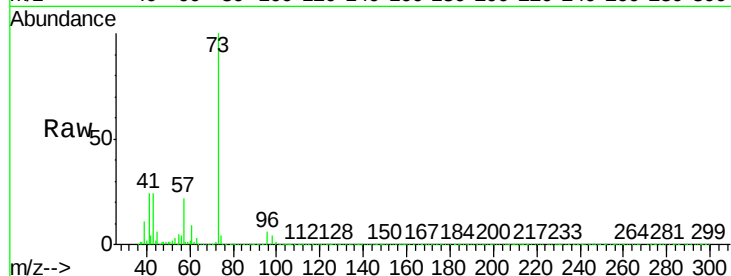
#19
Methvl tert-butvl Ether
Concen: 18.284 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX015474.D
Acq: 02 Apr 2020 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.9	26.9

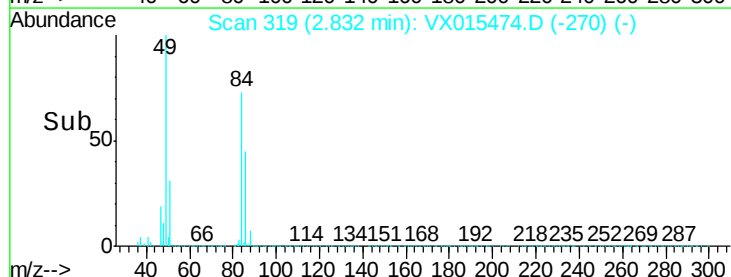
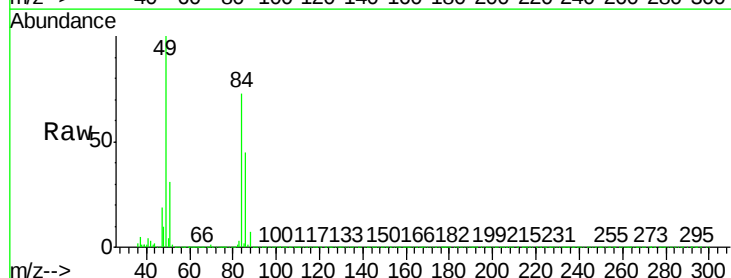
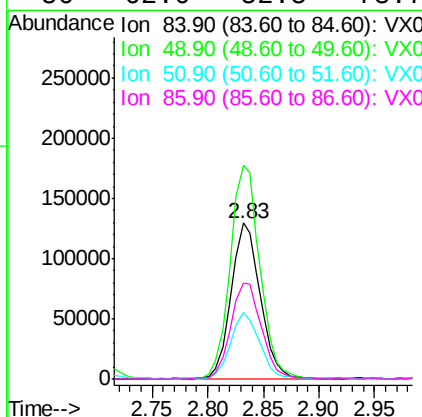
Manual Integrations
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#20
Methylene Chloride
Concen: 17.942 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.00 min
Lab File: VX015474.D
Acq: 02 Apr 2020 12:10

Tgt Ion	Ratio	Lower	Upper
84	100		
49	137.2	111.3	166.9
51	42.7	34.0	51.0
86	62.0	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 18.384 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015474.D

Acq: 02 Apr 2020 12:10

Instrument :

MSVOA_X

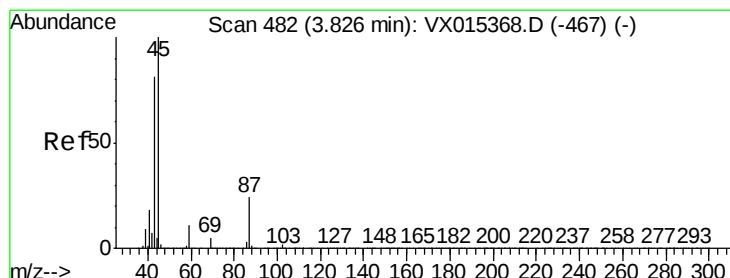
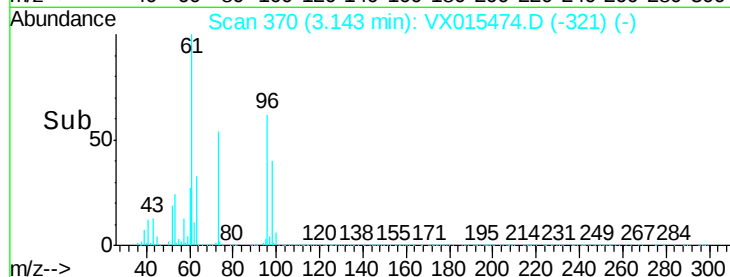
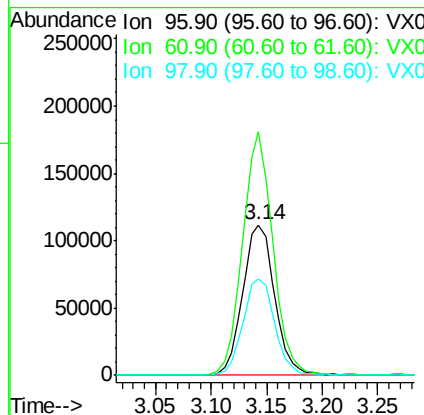
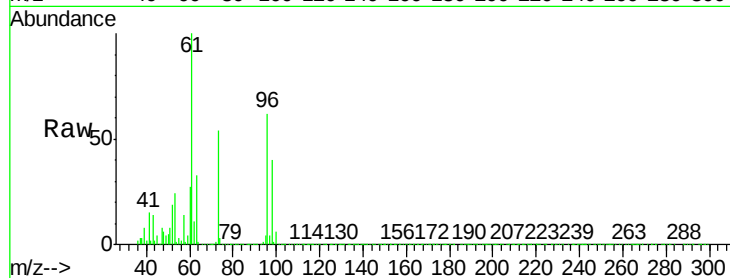
ClientSampleId :

VX0402WBS01

Tot Ion:	96	Resp:	220433
Ion Ratio	Lower	Upper	
96	100		
61	161.7	116.9	175.3
98	63.8	48.6	73.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.233 ug/l

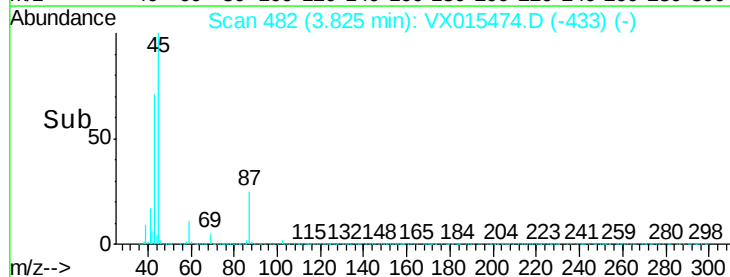
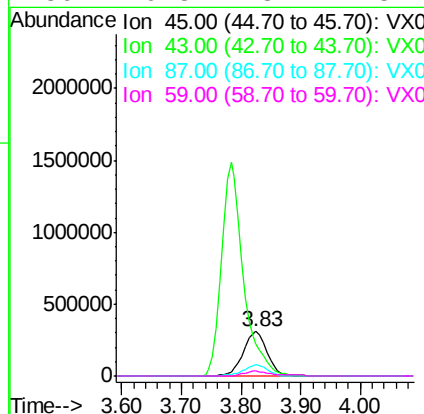
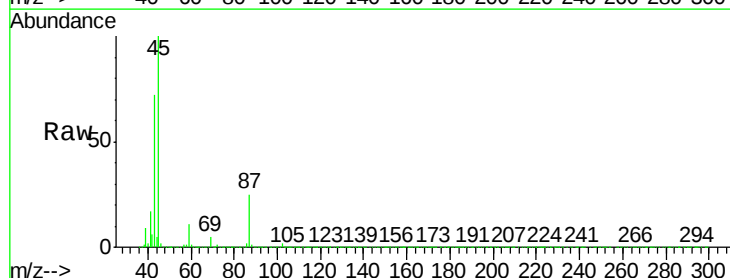
RT: 3.83 min Scan# 482

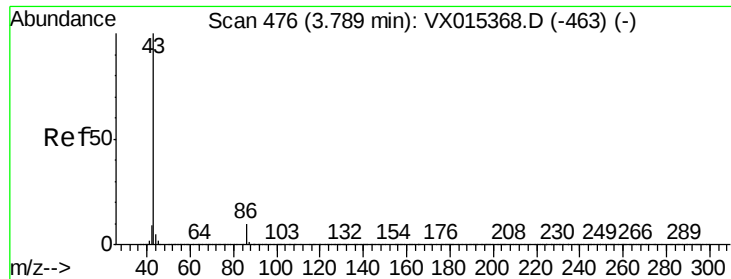
Delta R.T. -0.00 min

Lab File: VX015474.D

Acq: 02 Apr 2020 12:10

Tgt Ion:	45	Resp:	860322
Ion Ratio	Lower	Upper	
45	100		
43	71.5	64.7	97.1
87	24.6	19.4	29.0
59	10.8	8.7	13.1





#23

Vinyl Acetate

Concen: 93.896 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015474.D

Acq: 02 Apr 2020 12:10

Instrument :

MSVOA_X

ClientSampled :

VX0402WBS01

Tot Ion: 43 Resp: 3802880

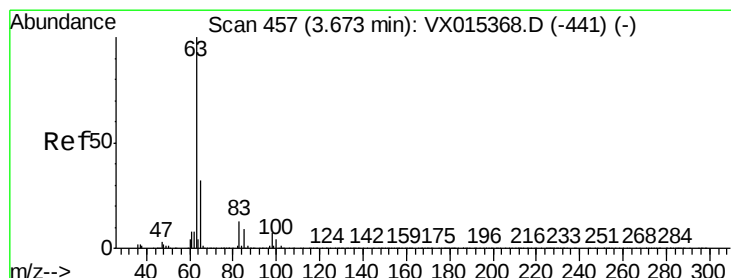
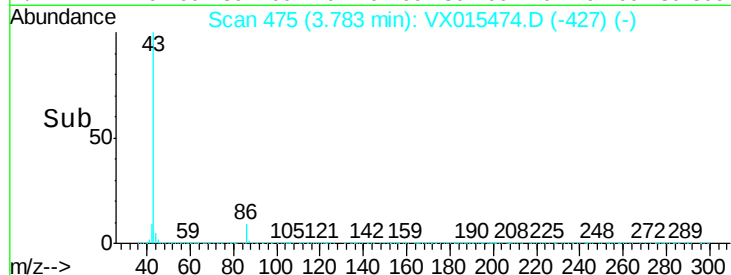
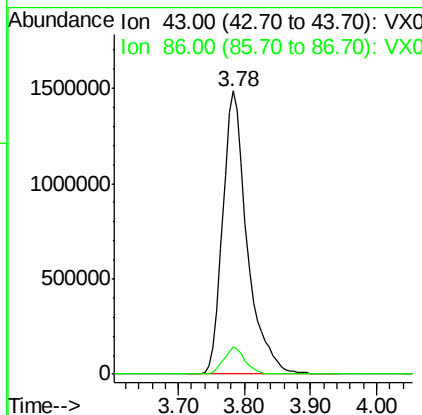
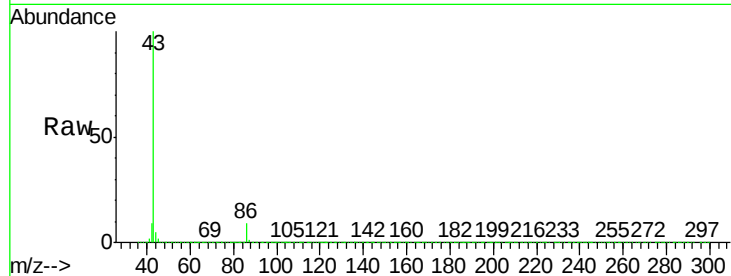
Ion Ratio Lower Upper

43 100

86 9.4 7.8 11.6

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#24

1,1-Dichloroethane

Concen: 18.464 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015474.D

Acq: 02 Apr 2020 12:10

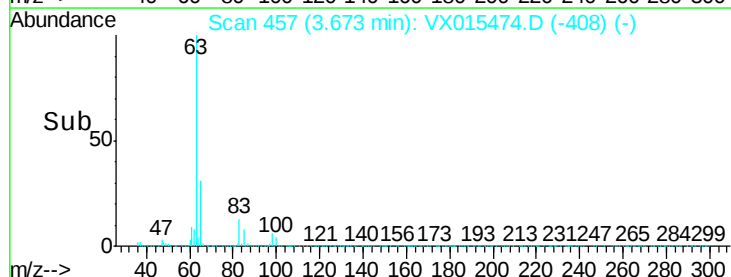
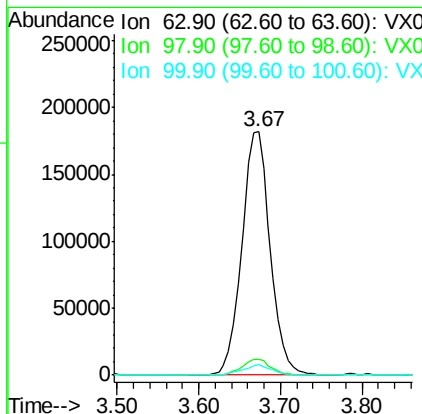
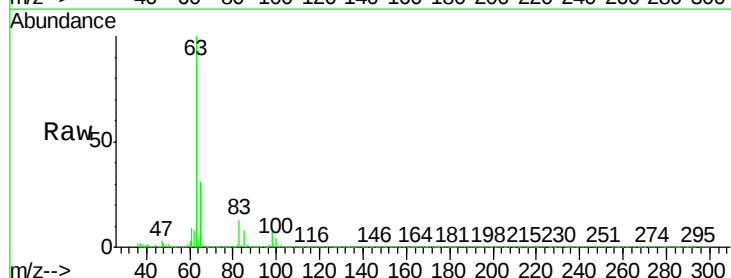
Tgt Ion: 63 Resp: 434860

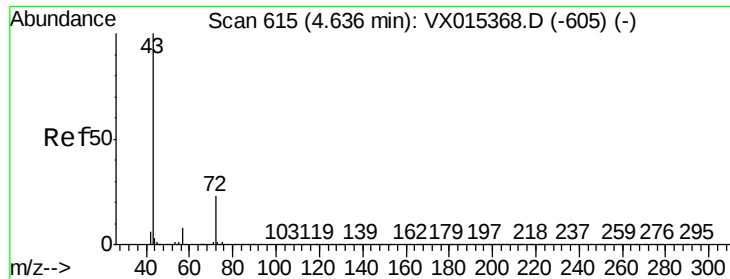
Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.8

100 4.2 2.1 6.5





#25

2-Butanone

Concen: 84.536 ug/l

RT: 4.63 min Scan# 614

Delta R.T. -0.01 min

Lab File: VX015474.D

Acq: 02 Apr 2020 12:10

Tot Ion: 43 Resp: 942695

Ion Ratio Lower Upper

43 100

72 22.4 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

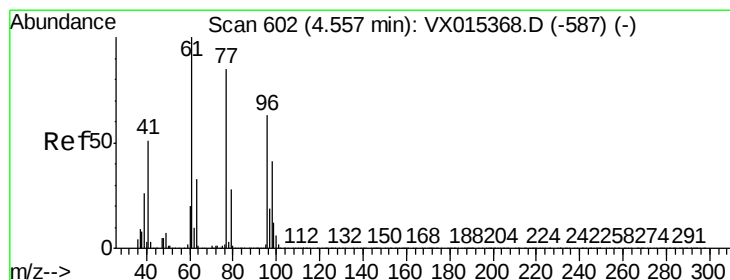
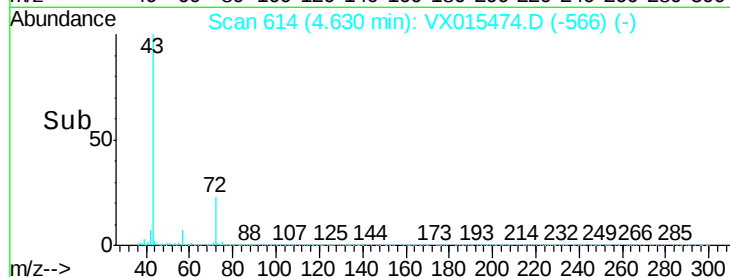
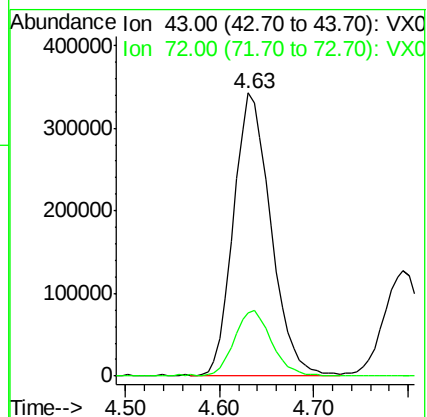
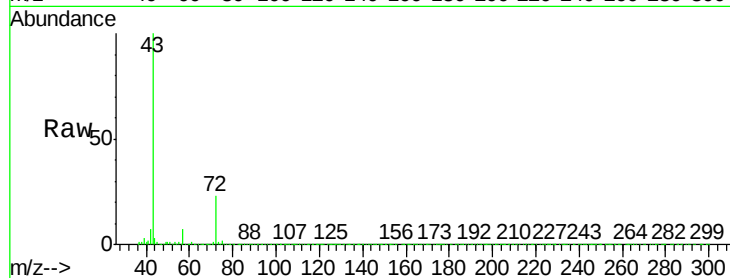
VX0402WBS01

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.684 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015474.D

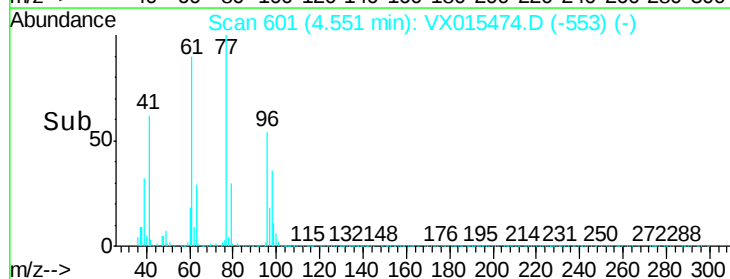
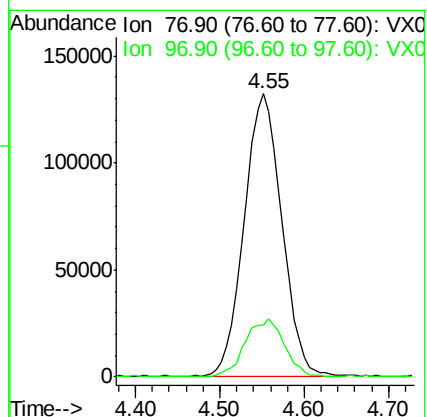
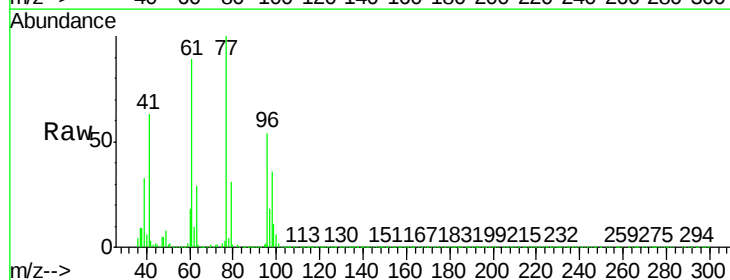
Acq: 02 Apr 2020 12:10

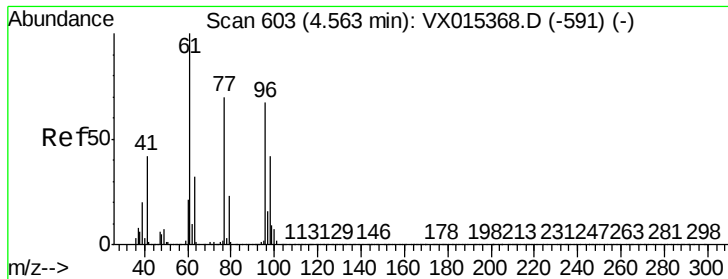
Tgt Ion: 77 Resp: 399861

Ion Ratio Lower Upper

77 100

97 21.1 11.3 33.8





#27

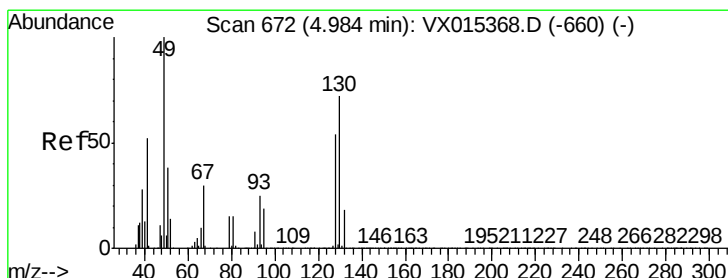
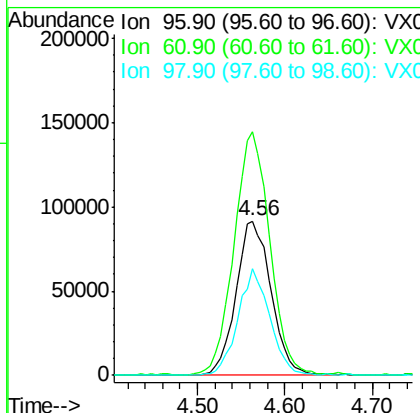
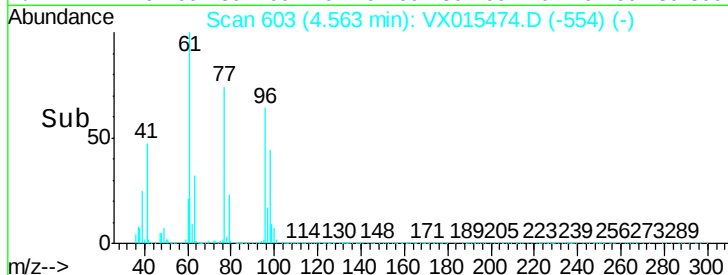
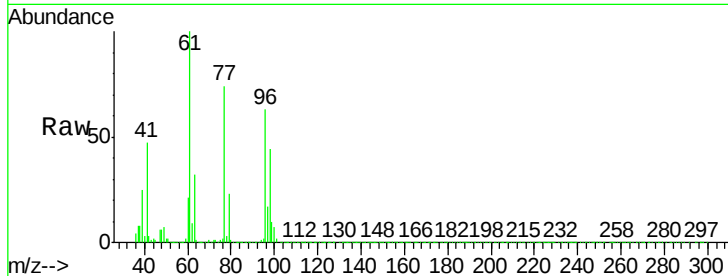
cis-1,2-Dichloroethene
Concen: 18.261 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX015474.D
Acq: 02 Apr 2020 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	253317		
61	162.7	0.0	308.4	
98	63.1	0.0	129.2	

Manual Integrations
APPROVED

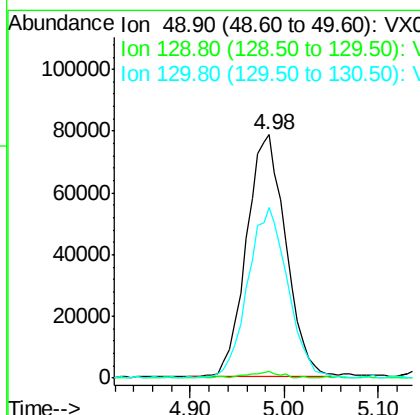
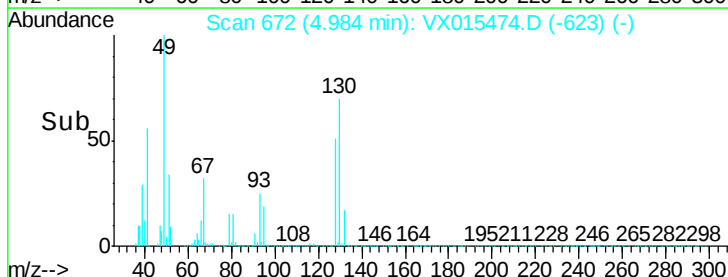
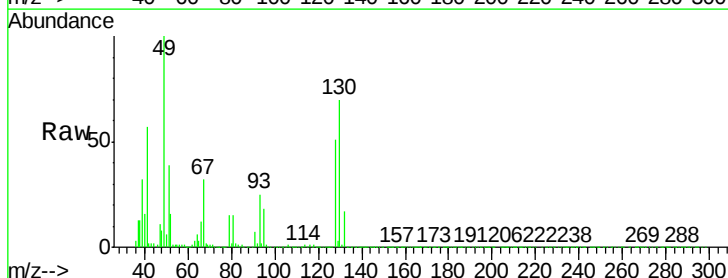
MMDadoda
4/3/2020 12:36:31 PM

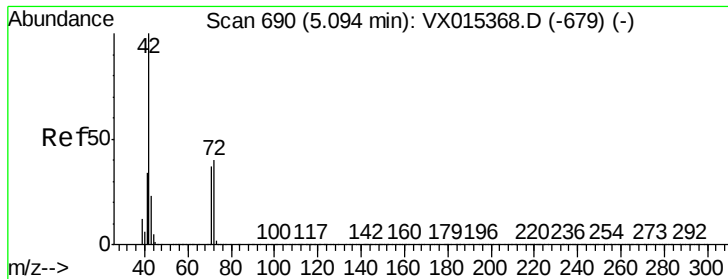


#28

Bromochloromethane
Concen: 20.403 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.00 min
Lab File: VX015474.D
Acq: 02 Apr 2020 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	229432		
129	2.2	0.0	4.4	
130	70.8	57.7	86.5	





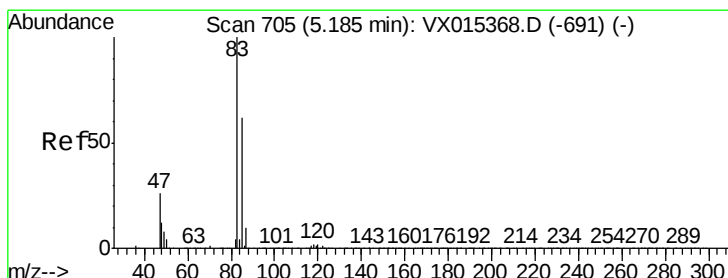
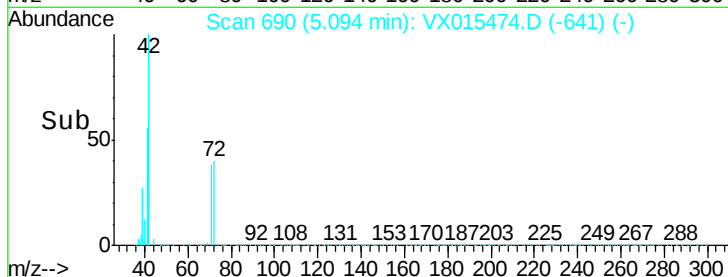
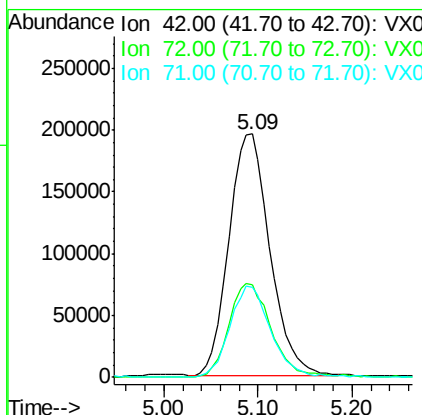
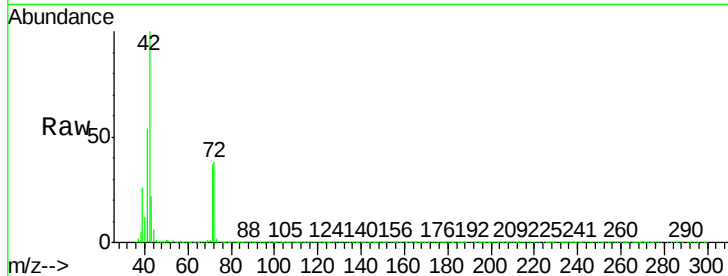
#29
Tetrahydrofuran
Concen: 82.825 ug/l
RT: 5.09 min Scan# 690
Delta R.T. -0.00 min
Lab File: VX015474.D
Acq: 02 Apr 2020 12:10

Instrument :
MSVOA_X
ClientSampled :
VX0402WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.6	31.7	47.5
71	37.3	29.6	44.4

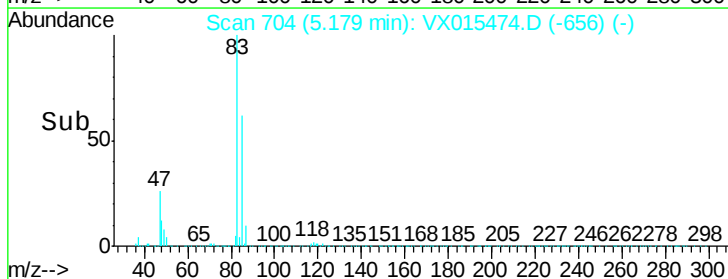
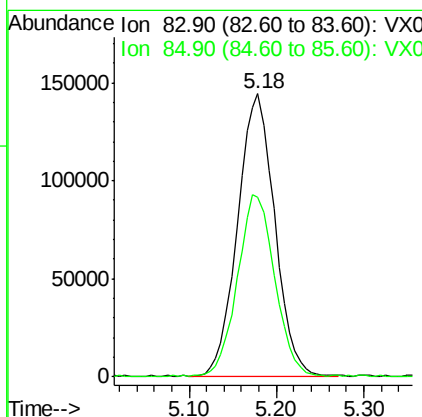
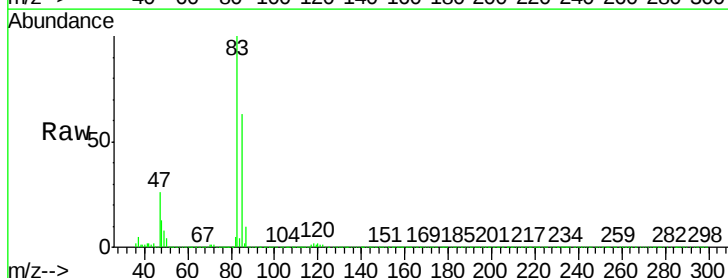
Manual Integrations
APPROVED

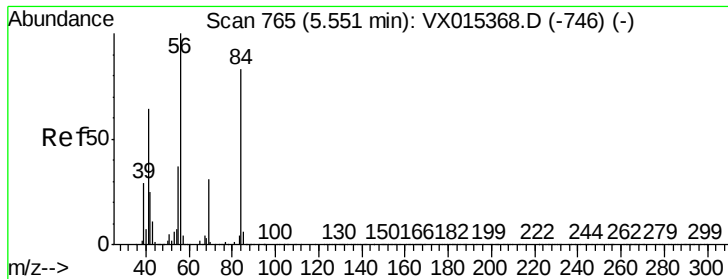
MMDadoda
4/3/2020 12:36:31 PM



#30
Chloroform
Concen: 18.697 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015474.D
Acq: 02 Apr 2020 12:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	49.5	74.3





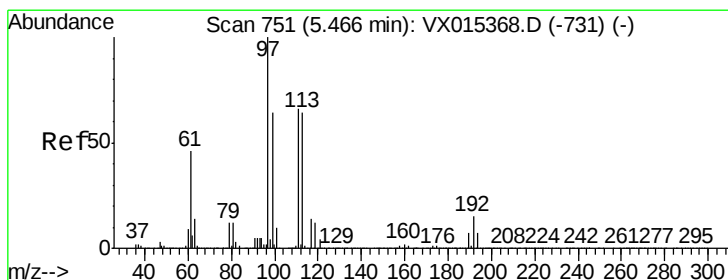
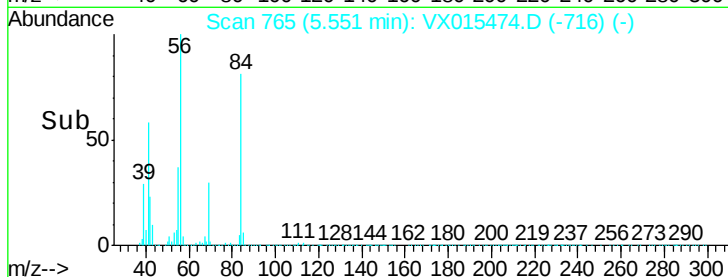
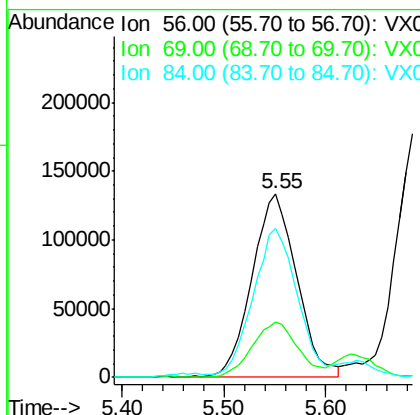
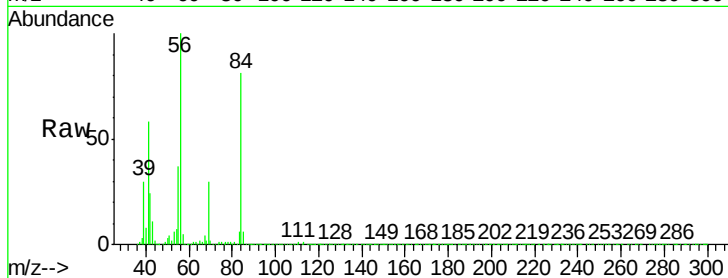
#31
Cyclohexane
Concen: 19.761 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX015474.D
Acq: 02 Apr 2020 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		403752		
69	29.6	24.6	36.8		
84	80.0	66.1	99.1		

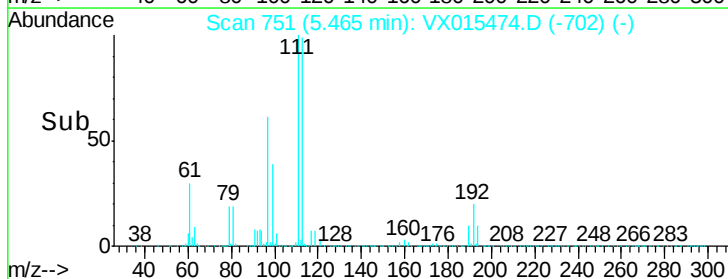
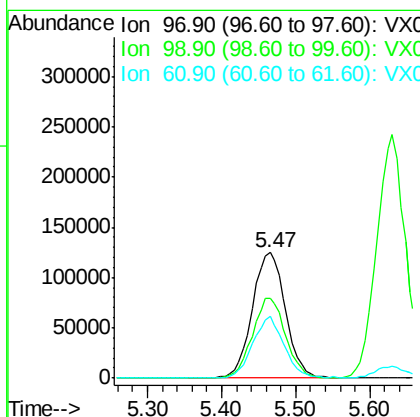
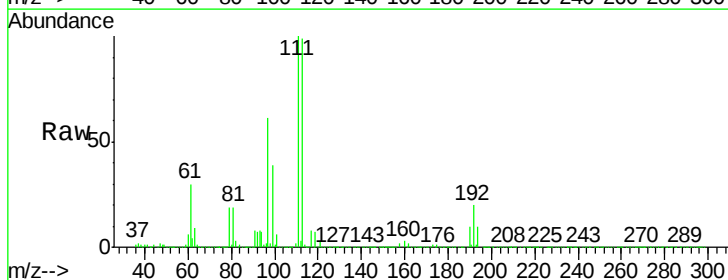
Manual Integrations
APPROVED

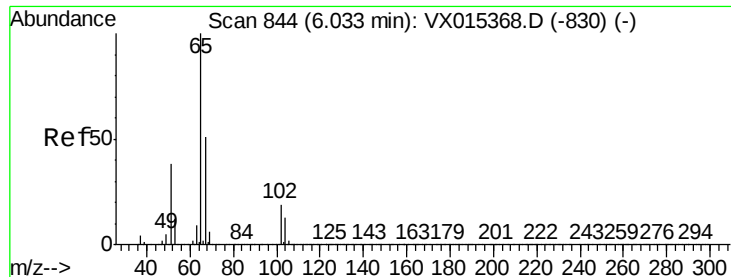
MMDadoda
4/3/2020 12:36:31 PM



#32
1,1,1-Trichloroethane
Concen: 18.792 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX015474.D
Acq: 02 Apr 2020 12:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		385356		
99	63.8	51.0	76.4		
61	46.1	36.1	54.1		





#33

1,2-Dichloroethane-d4

Concen: 48.139 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015474.D

Acq: 02 Apr 2020 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS01

Tot Ion: 65 Resp: 776948

Ion Ratio Lower Upper

65 100

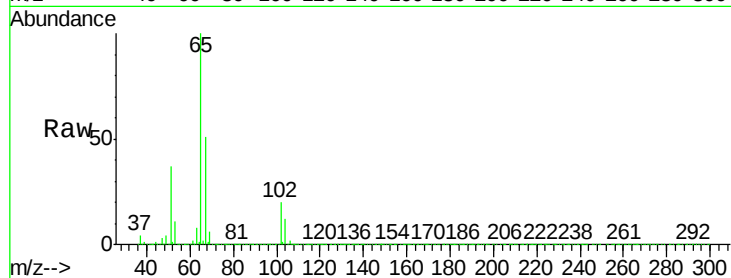
67 50.5 0.0 102.6

Manual Integrations

APPROVED

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

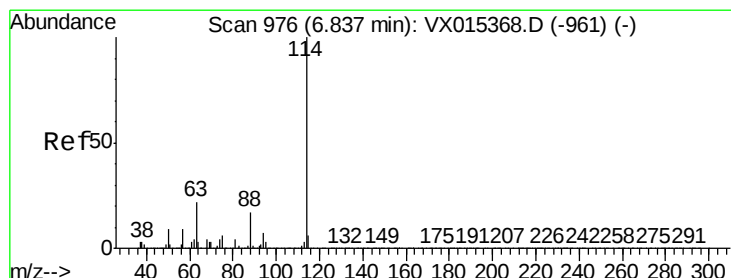
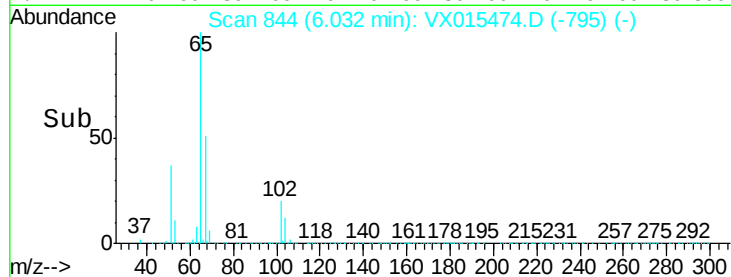
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015474.D

Acq: 02 Apr 2020 12:10

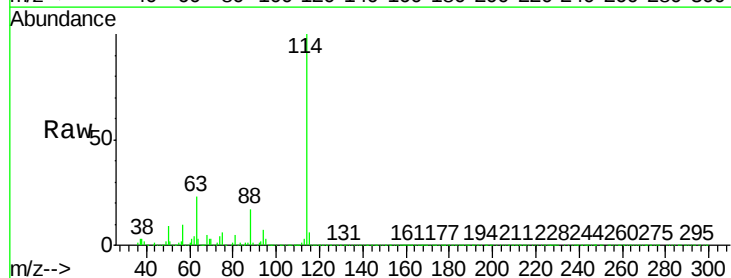
Tgt Ion: 114 Resp: 1780411

Ion Ratio Lower Upper

114 100

63 22.6 0.0 44.2

88 17.1 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

1000000

800000

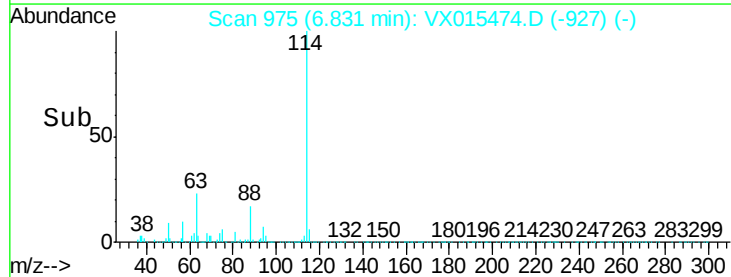
600000

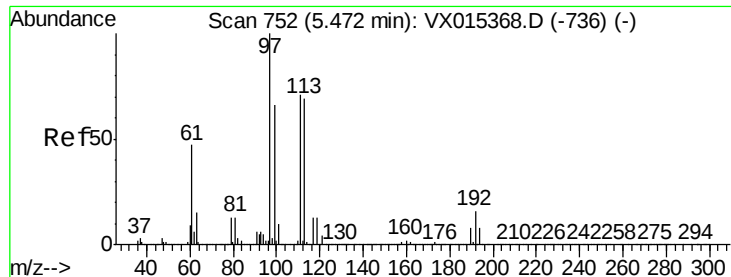
400000

200000

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Time-->





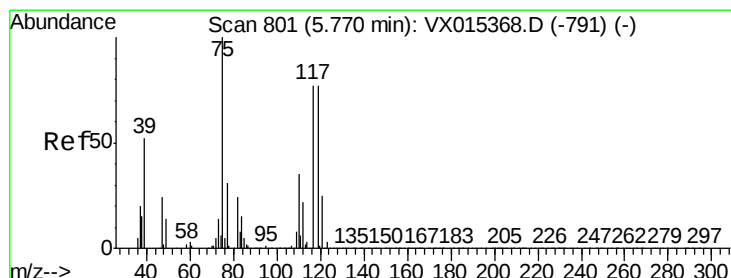
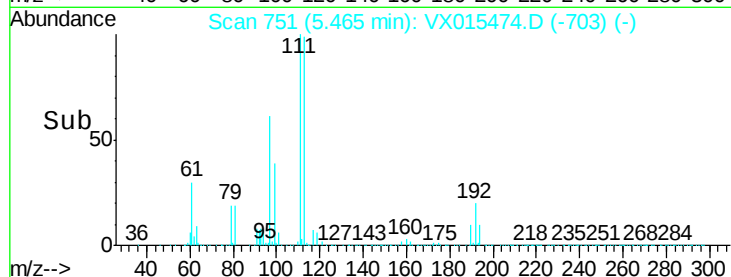
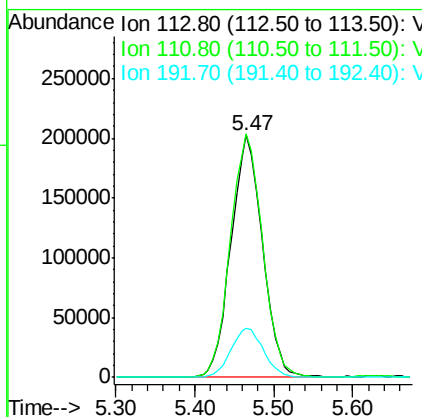
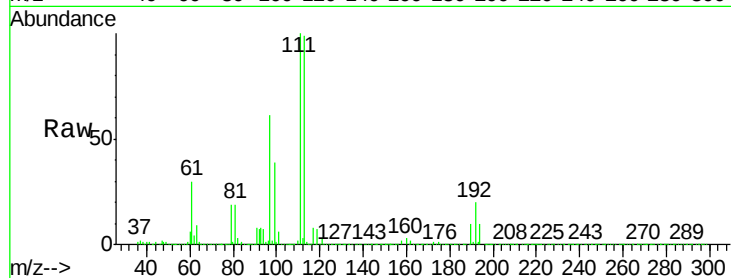
#35
 Dibromofluoromethane
 Concen: 49.241 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015474.D
 Acq: 02 Apr 2020 12:10

Instrument :
 MSVOA_X
 ClientSampled :
 VX0402WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	560408		
111	103.0	81.5	122.3	
192	21.3	17.8	26.6	

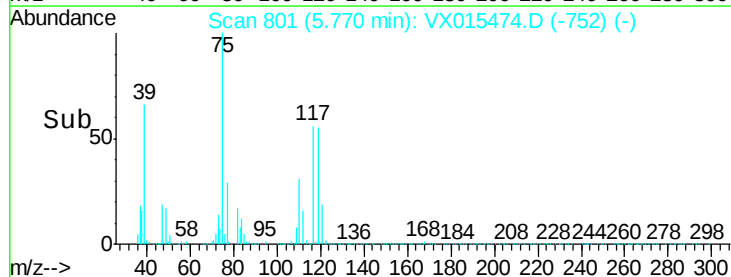
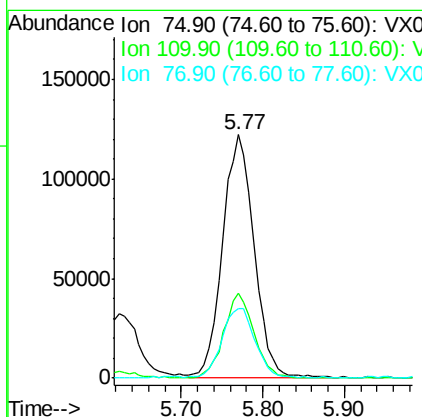
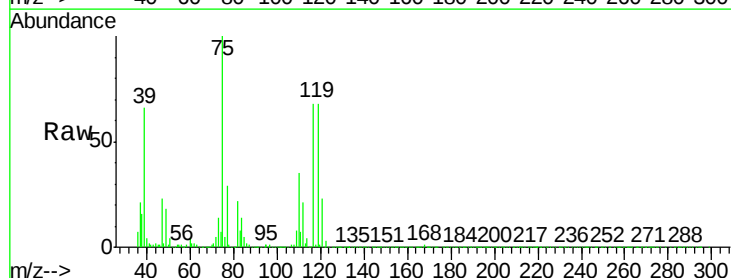
Manual Integrations
 APPROVED

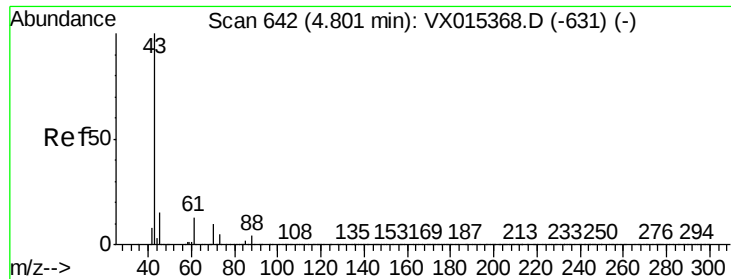
MMDadoda
 4/3/2020 12:36:31 PM



#36
 1,1-Dichloropropene
 Concen: 19.683 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: VX015474.D
 Acq: 02 Apr 2020 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	322890		
110	33.2	17.1	51.3	
77	29.9	24.6	36.8	





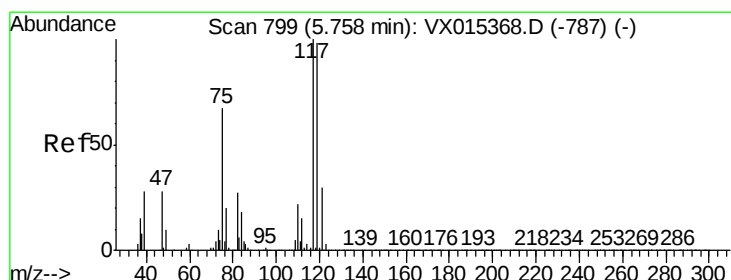
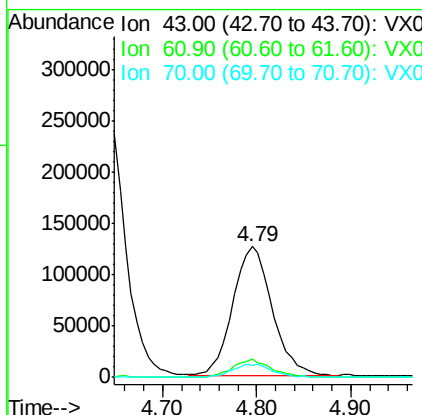
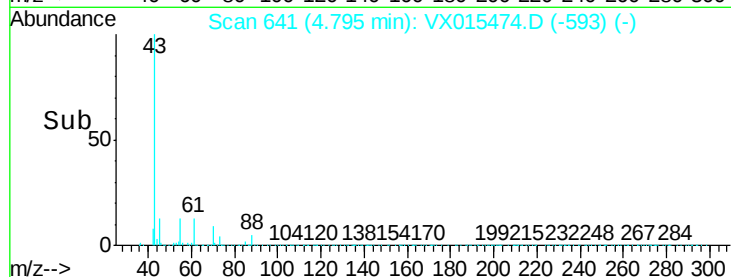
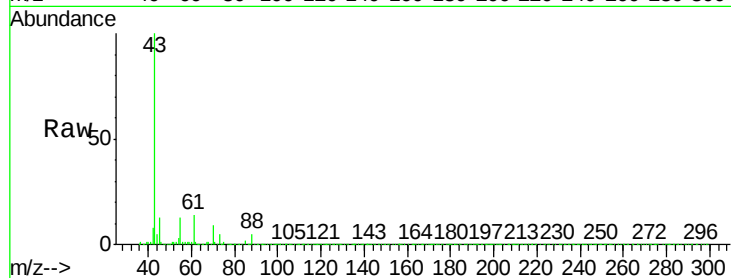
#37
Ethyl Acetate
Concen: 17.198 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015474.D
Acq: 02 Apr 2020 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	9.9	14.9
70	9.8	8.1	12.1

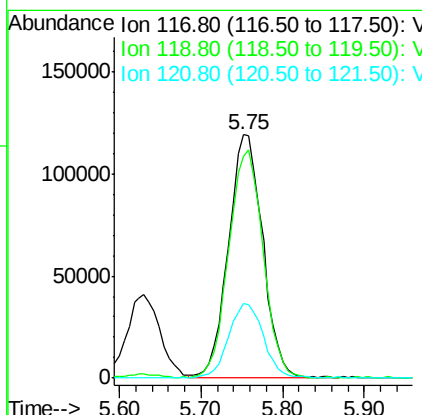
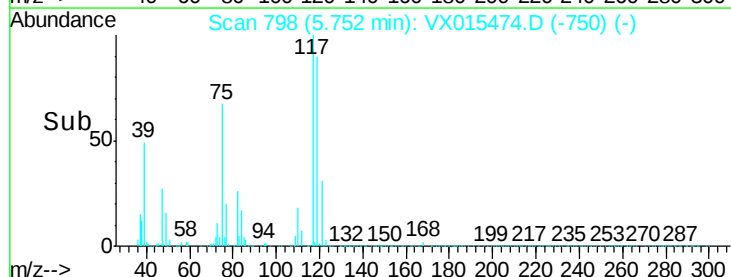
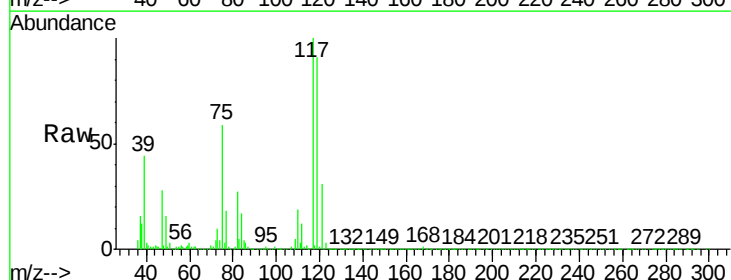
Manual Integrations
APPROVED

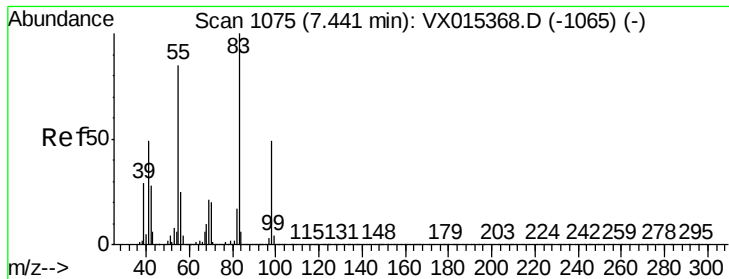
MMDadoda
4/3/2020 12:36:31 PM



#38
Carbon Tetrachloride
Concen: 19.346 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015474.D
Acq: 02 Apr 2020 12:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.4	78.0	117.0
121	30.4	23.8	35.8





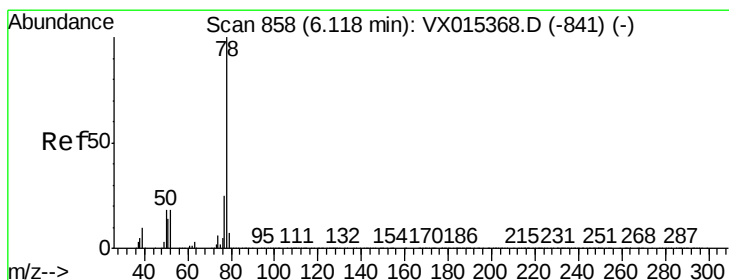
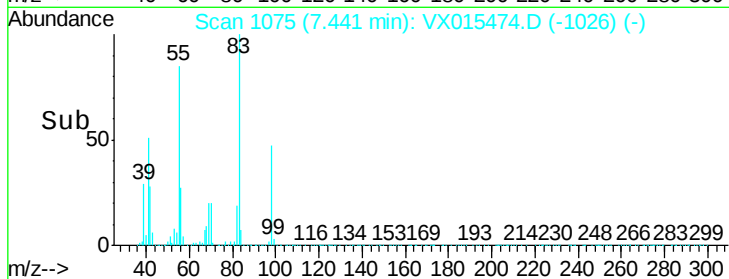
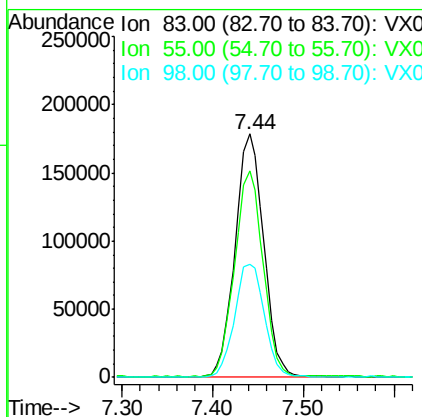
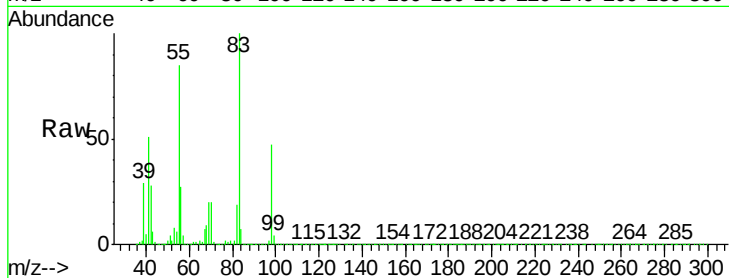
#39
Methvlcvclohexane
Concen: 20.636 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015474.D
Acq: 02 Apr 2020 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	390326		
55	84.7	67.8	101.6	
98	46.4	39.3	58.9	

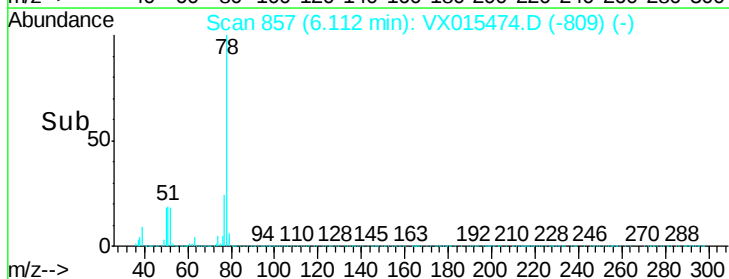
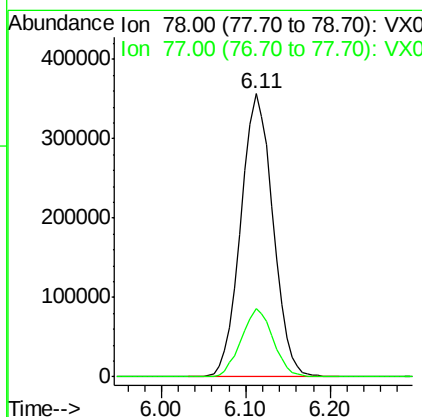
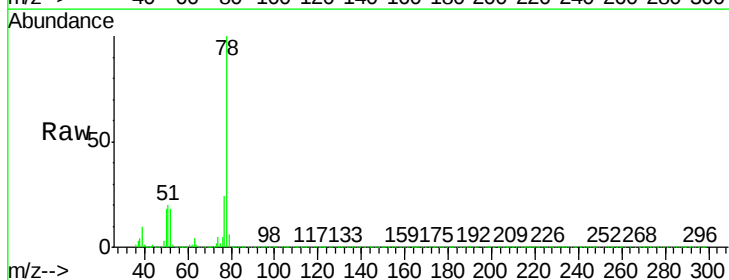
Manual Integrations
APPROVED

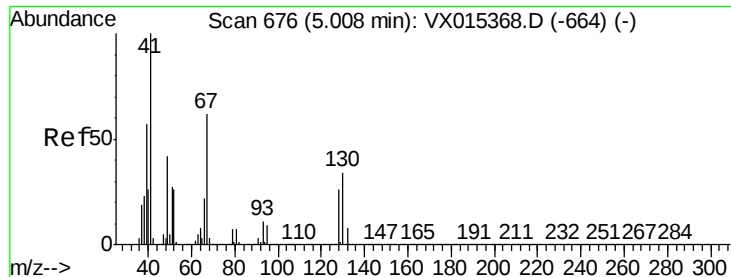
MMDadoda
4/3/2020 12:36:31 PM



#40
Benzene
Concen: 19.127 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015474.D
Acq: 02 Apr 2020 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	919095		
77	24.0	19.8	29.8	





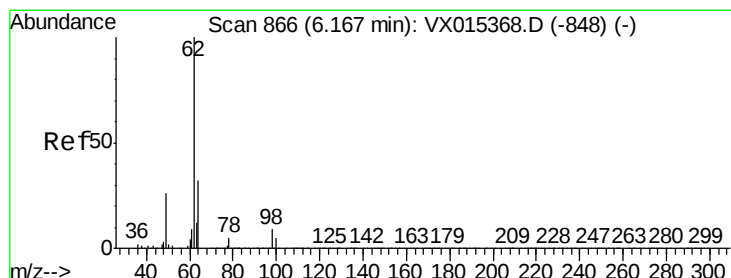
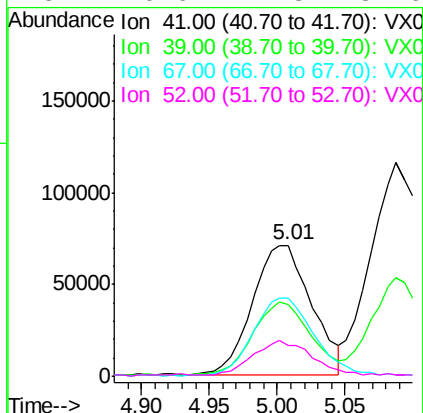
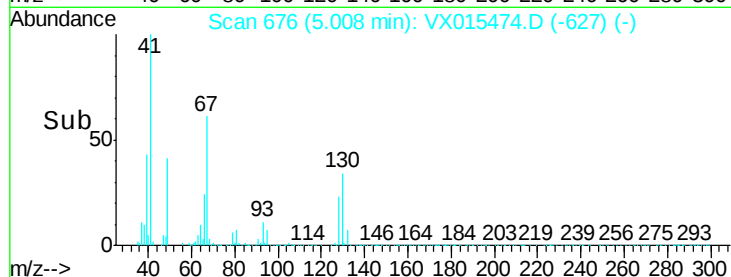
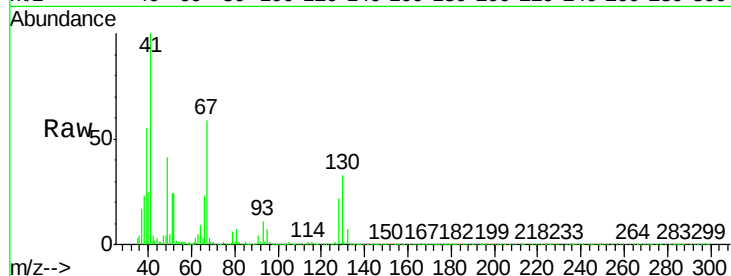
#41
Methacrylonitrile
Concen: 17.889 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015474.D
Acq: 02 Apr 2020 12:10

Instrument :
MSVOA_X
ClientSampled :
VX0402WBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.7	44.5	66.7
67	62.4	48.9	73.3
52	26.6	21.8	32.6

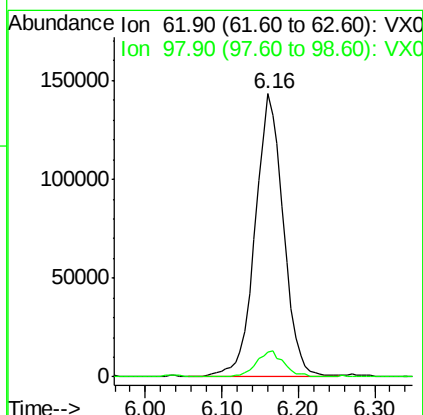
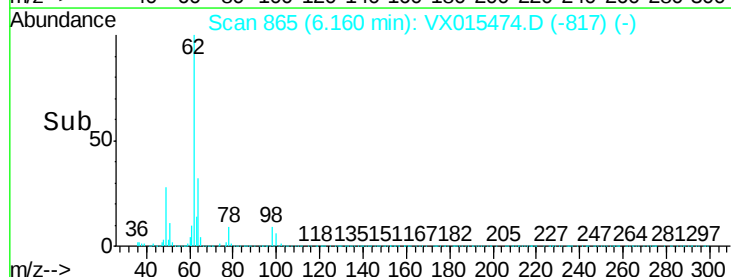
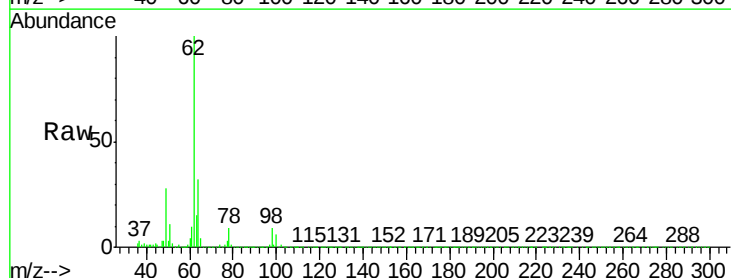
Manual Integrations
APPROVED

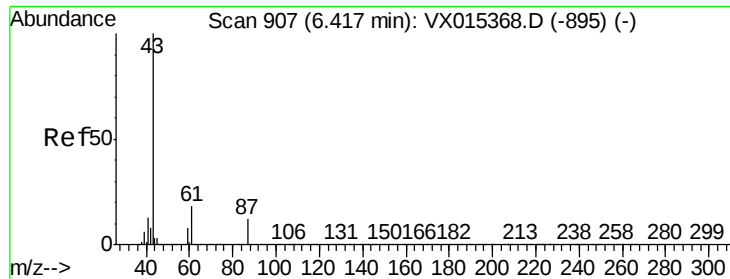
MMDadoda
4/3/2020 12:36:31 PM



#42
1,2-Dichloroethane
Concen: 18.951 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015474.D
Acq: 02 Apr 2020 12:10

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.6





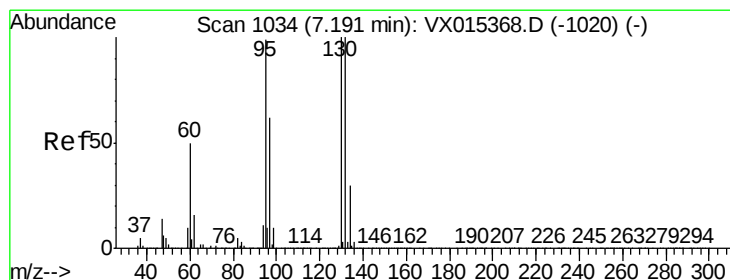
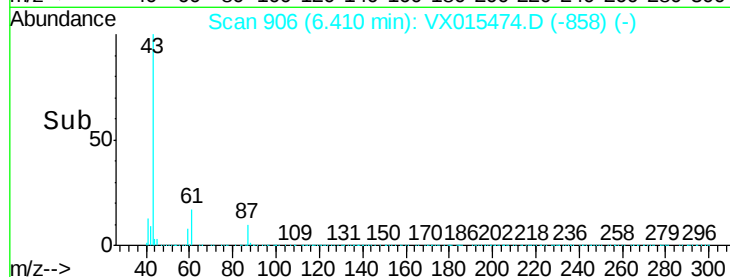
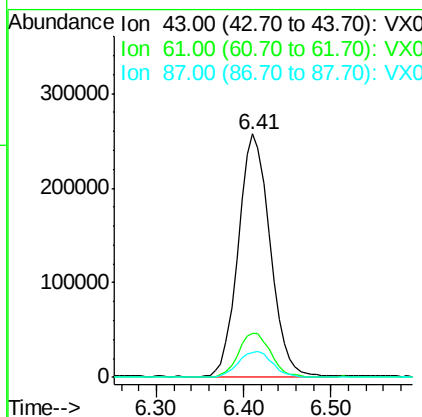
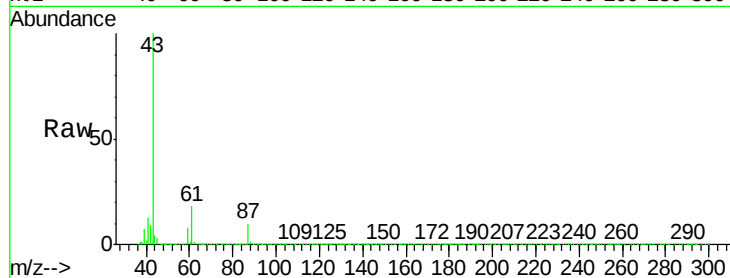
#43
Isopropyl Acetate
Concen: 18.065 ug/l
RT: 6.41 min Scan# 906
Delta R.T. -0.01 min
Lab File: VX015474.D
Acq: 02 Apr 2020 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.0	14.8	22.2
87	11.3	9.4	14.0

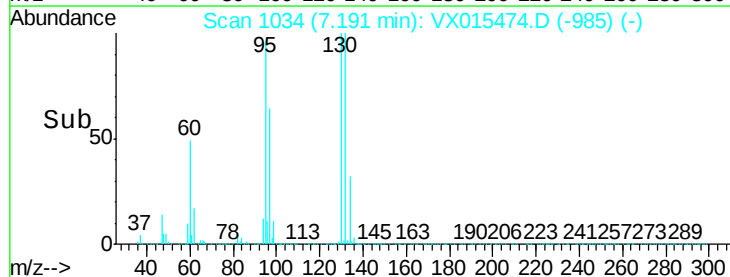
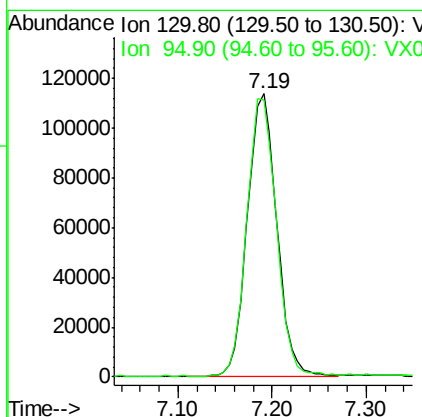
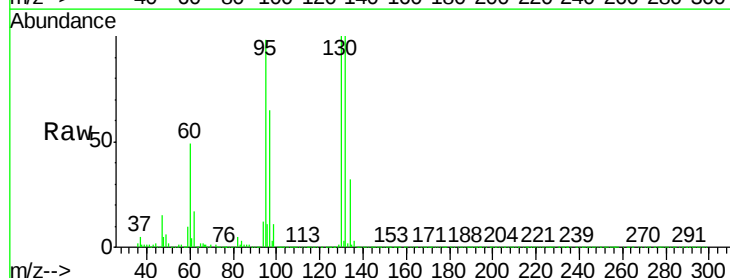
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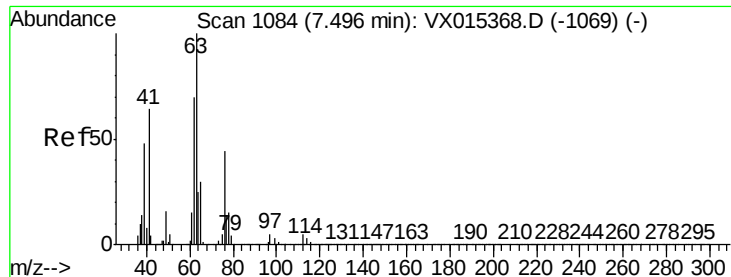
MMDadoda
4/3/2020 12:36:31 PM



#44
Trichloroethene
Concen: 19.011 ug/l
RT: 7.19 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX015474.D
Acq: 02 Apr 2020 12:10

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.7	0.0	199.0





#45

1,2-Dichloropropane

Concen: 19.113 ug/l

RT: 7.49 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VX015474.D

Acq: 02 Apr 2020 12:10

Instrument :

MSVOA_X

ClientSampled :

VX0402WBS01

Tot Ion: 63 Resp: 251252

Ion Ratio Lower Upper

63 100

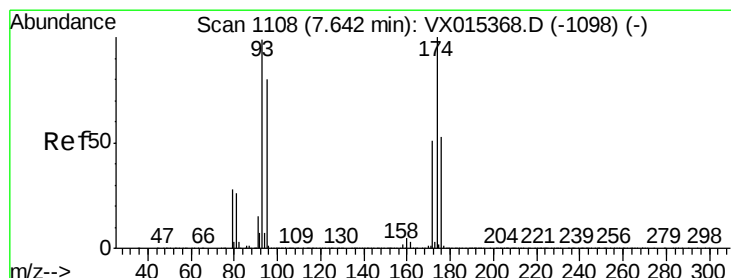
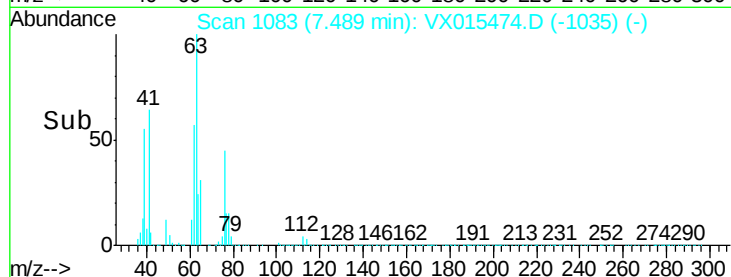
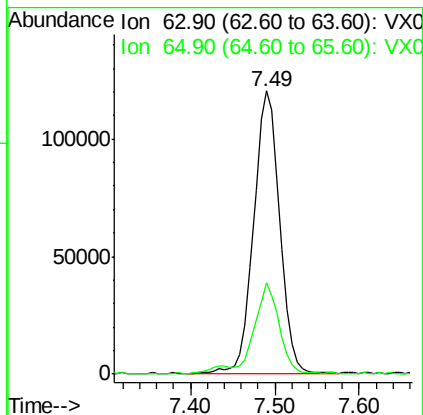
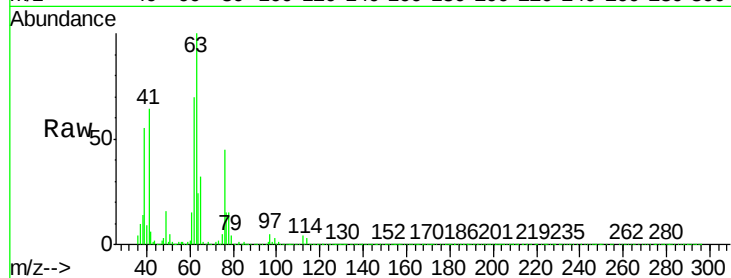
65 32.1 23.9 35.9

Manual Integrations

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#46

Dibromomethane

Concen: 18.680 ug/l

RT: 7.64 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VX015474.D

Acq: 02 Apr 2020 12:10

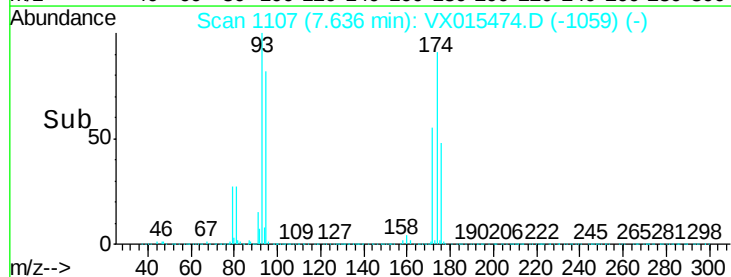
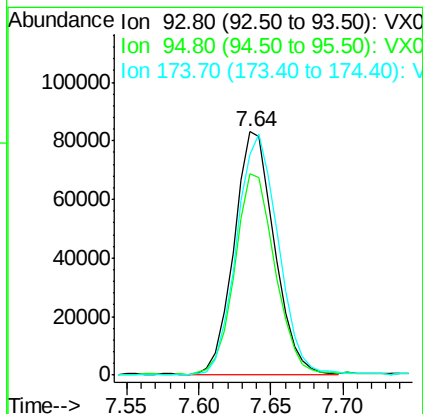
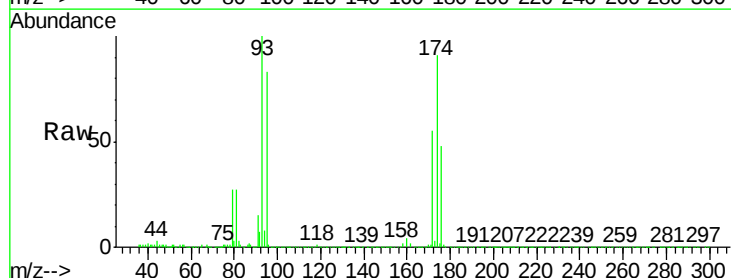
Tgt Ion: 93 Resp: 161081

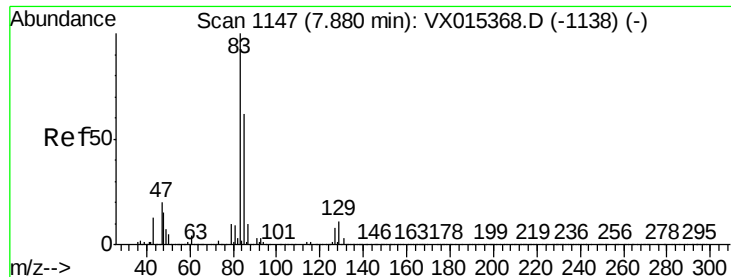
Ion Ratio Lower Upper

93 100

95 82.7 65.8 98.8

174 102.2 86.2 129.2





#47

Bromodichloromethane

Concen: 18.910 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015474.D

Acq: 02 Apr 2020 12:10

Instrument :

MSVOA_X

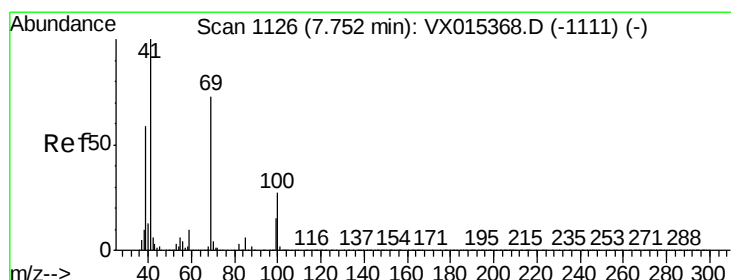
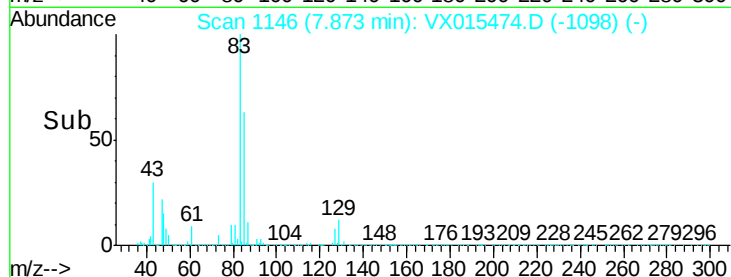
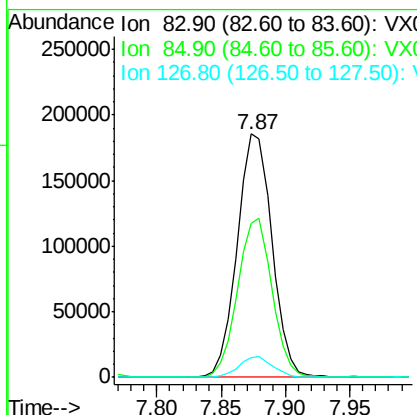
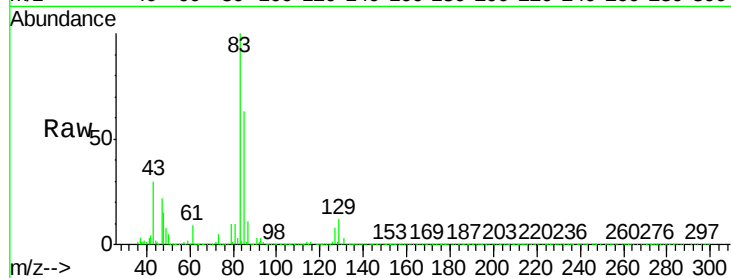
ClientSampleId :

VX0402WBS01

Tot Ion:	83	Resp:	347452
Ion Ratio	Lower	Upper	
83	100		
85	63.1	49.7	74.5
127	8.0	6.7	10.1

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#48

Methyl methacrylate

Concen: 17.944 ug/l

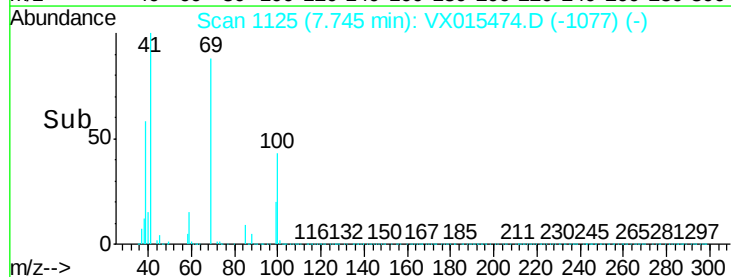
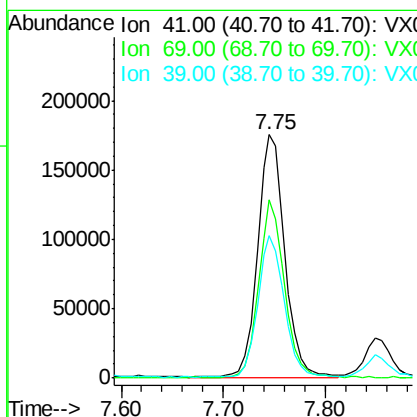
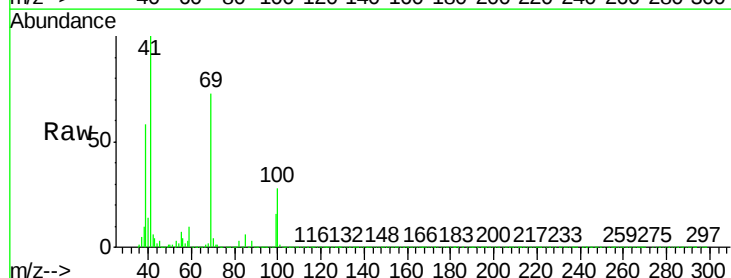
RT: 7.75 min Scan# 1125

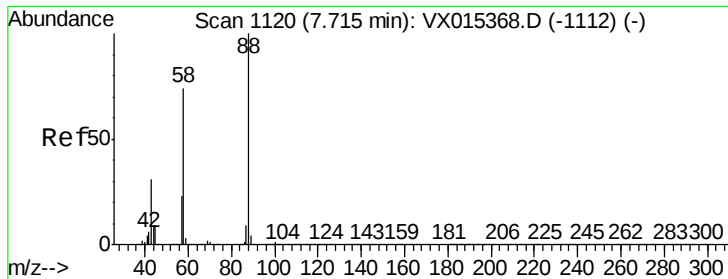
Delta R.T. -0.01 min

Lab File: VX015474.D

Acq: 02 Apr 2020 12:10

Tgt Ion:	41	Resp:	323171
Ion Ratio	Lower	Upper	
41	100		
69	69.8	56.7	85.1
39	56.6	46.5	69.7





#49

1,4-Dioxane

Concen: 335.728 ug/l

RT: 7.71 min Scan# 1120

Delta R.T. -0.00 min

Lab File: VX015474.D

Acq: 02 Apr 2020 12:10

Instrument :

MSVOA_X

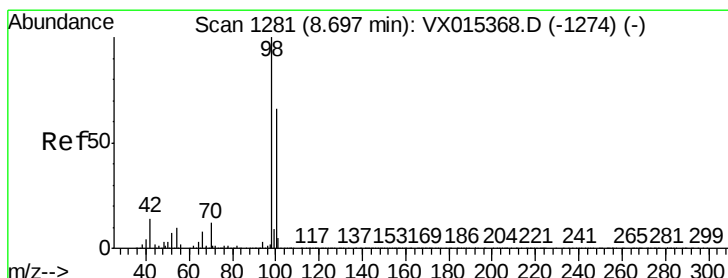
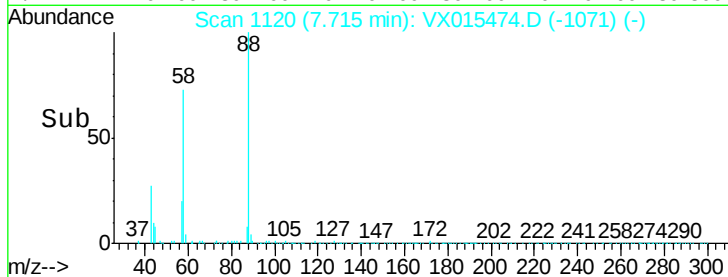
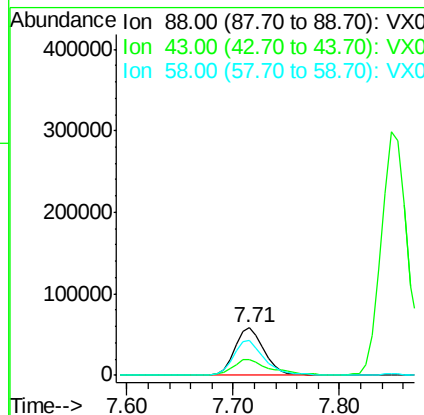
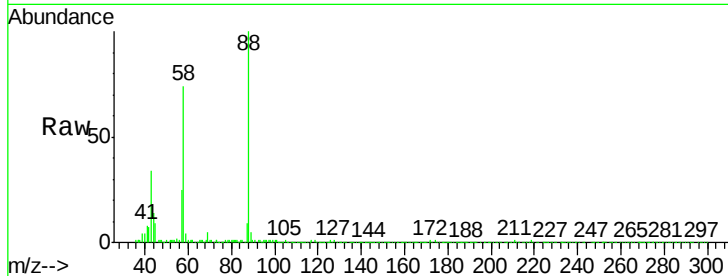
ClientSampled :

VX0402WBS01

Tot Ion:	88	Resp:	112799
Ion Ratio	Lower	Upper	
88	100		
43	38.4	30.1	45.1
58	76.0	60.6	90.8

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#50

Toluene-d8

Concen: 49.945 ug/l

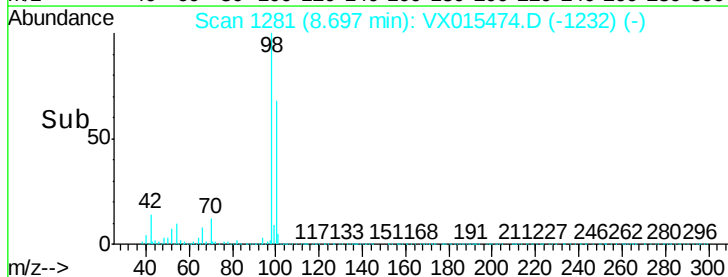
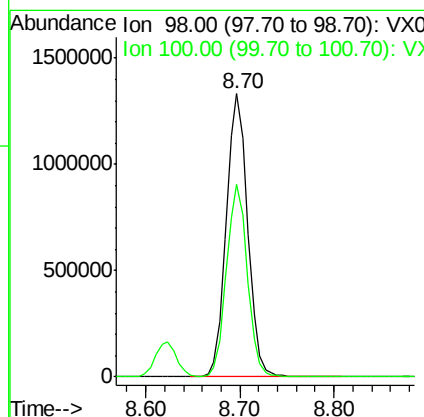
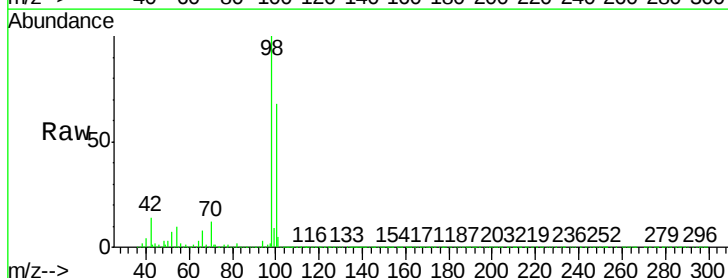
RT: 8.70 min Scan# 1281

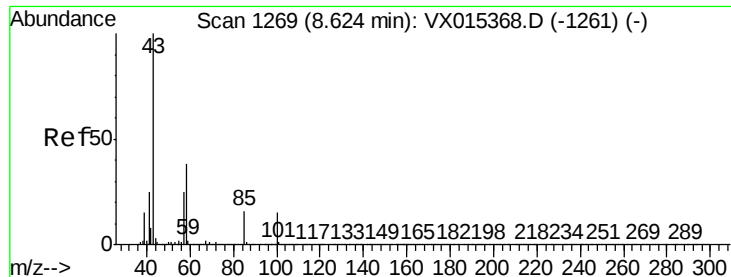
Delta R.T. -0.00 min

Lab File: VX015474.D

Acq: 02 Apr 2020 12:10

Tgt Ion:	98	Resp:	2092779
Ion Ratio	Lower	Upper	
98	100		
100	66.7	53.5	80.3





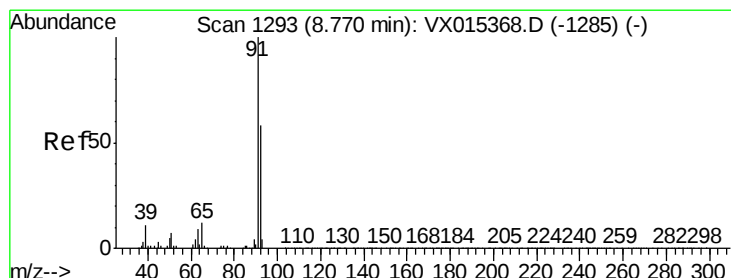
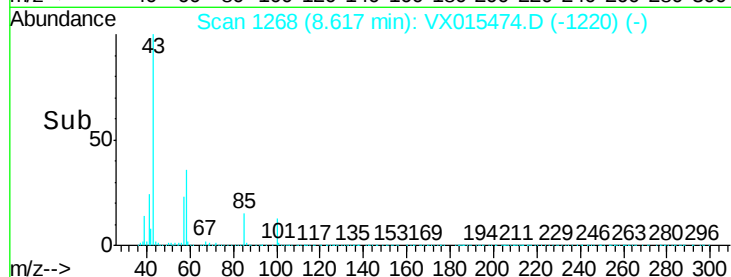
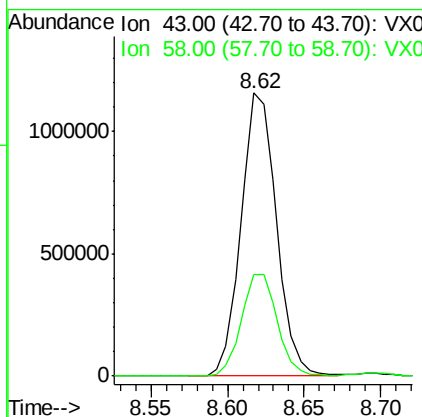
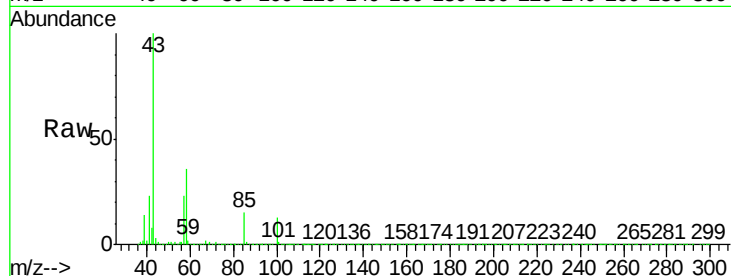
#51
4-Methyl-2-Pentanone
Concen: 90.823 ug/l
RT: 8.62 min Scan# 1268
Delta R.T. -0.01 min
Lab File: VX015474.D
Acq: 02 Apr 2020 12:10

Instrument :
MSVOA_X
ClientSampled :
VX0402WBS01

Tot Ion: 43 Resp: 1855939
Ion Ratio Lower Upper
43 100
58 36.6 29.7 44.5

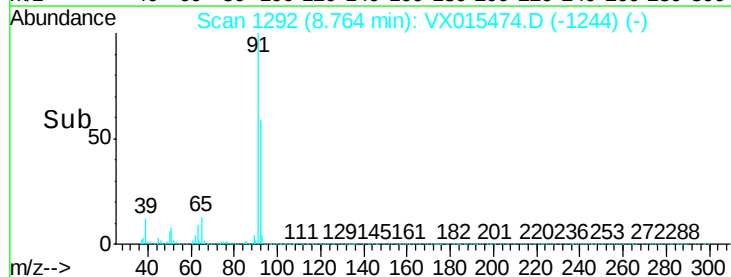
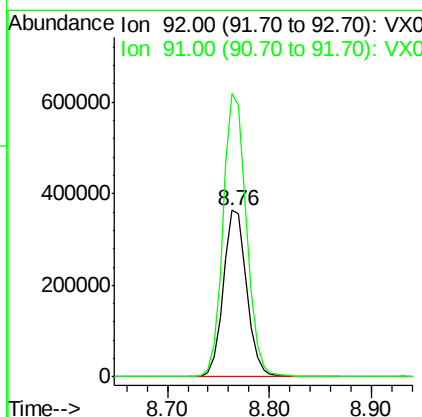
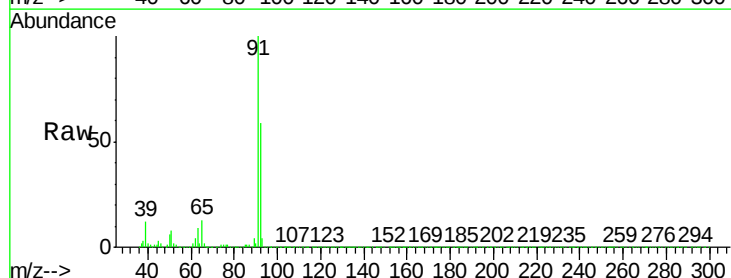
Manual Integrations
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#52
Toluene
Concen: 19.496 ug/l
RT: 8.76 min Scan# 1292
Delta R.T. -0.01 min
Lab File: VX015474.D
Acq: 02 Apr 2020 12:10

Tgt Ion: 92 Resp: 577578
Ion Ratio Lower Upper
92 100
91 169.3 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 18.693 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX015474.D

Acq: 02 Apr 2020 12:10

Instrument :

MSVOA_X

ClientSampled :

VX0402WBS01

Tot Ion: 75 Resp: 402820

Ion Ratio Lower Upper

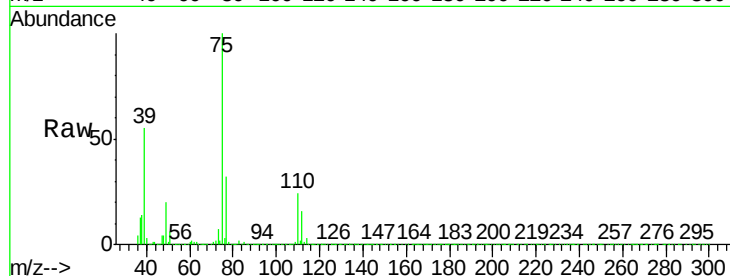
75 100

77 31.4 24.1 36.1

Manual Integrations
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

250000

200000

150000

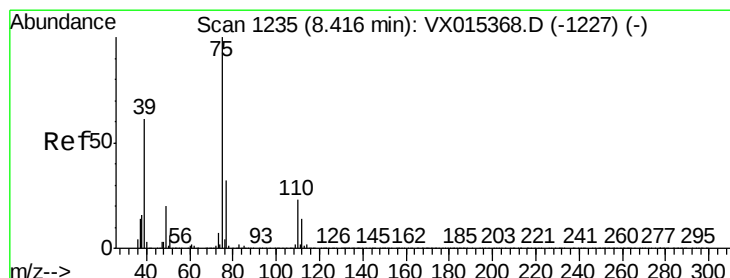
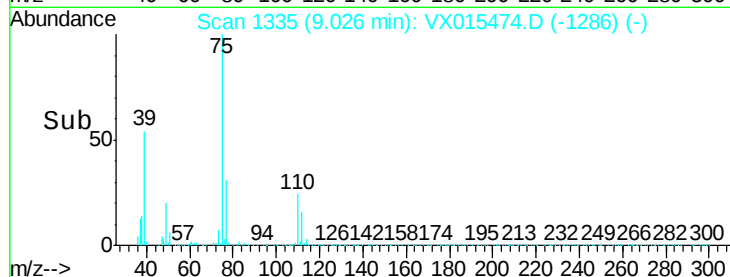
100000

50000

0

9.00 9.10

Time-->



#54

cis-1,3-Dichloropropene

Concen: 19.291 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX015474.D

Acq: 02 Apr 2020 12:10

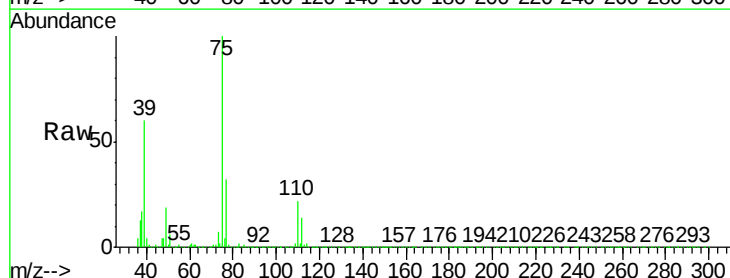
Tgt Ion: 75 Resp: 423469

Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.6

39 59.9 49.0 73.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.42

300000

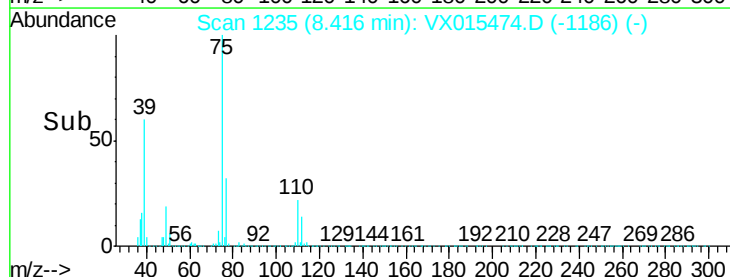
200000

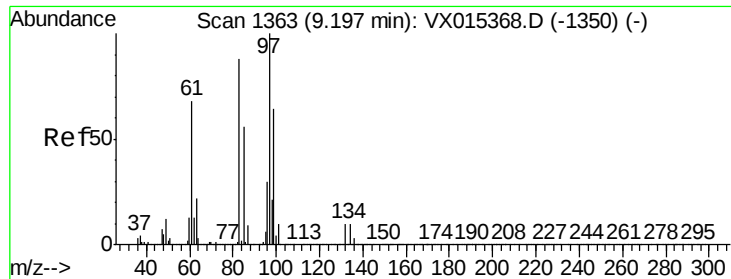
100000

0

8.30 8.40 8.50

Time-->





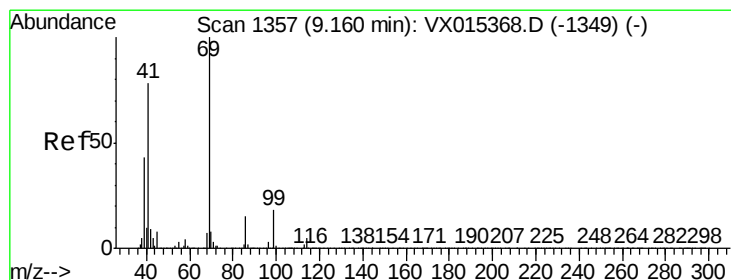
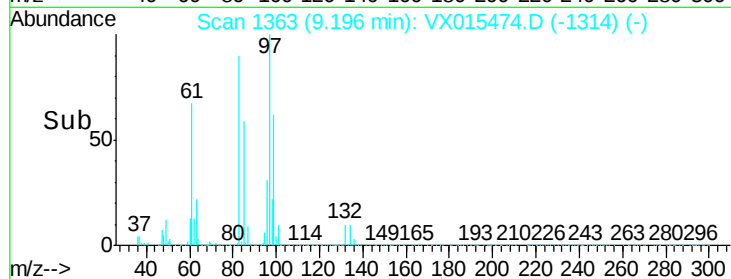
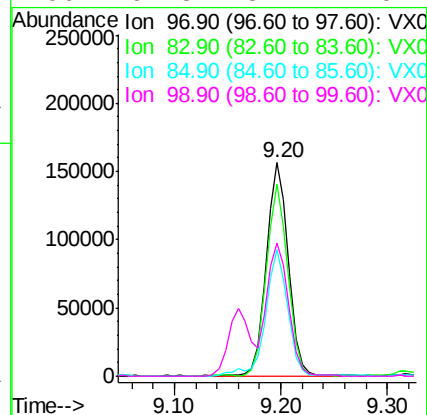
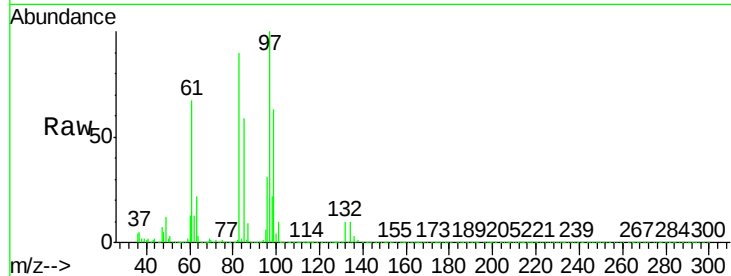
#55
 1,1,2-Trichloroethane
 Concen: 18.825 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VX015474.D
 Acq: 02 Apr 2020 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		228496		
83	90.0	70.2	105.4		
85	59.1	44.7	67.1		
99	62.3	51.1	76.7		

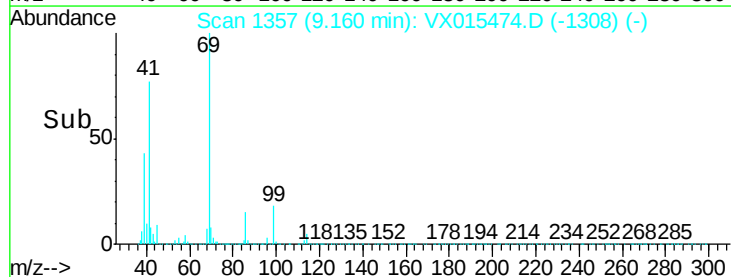
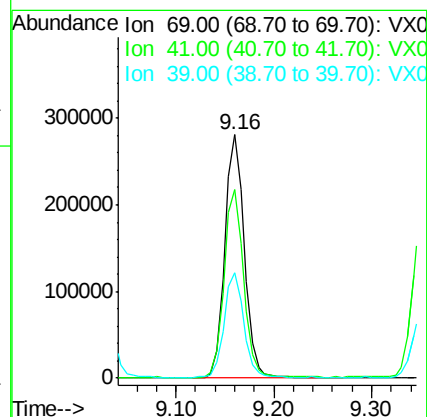
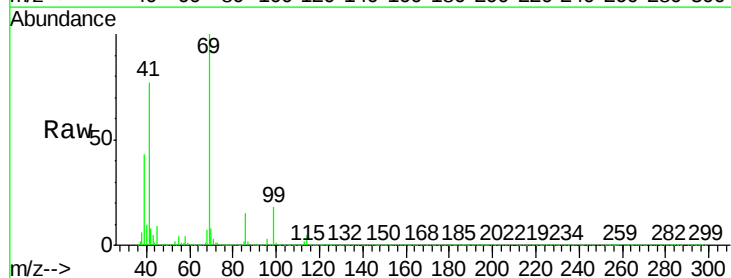
Manual Integrations
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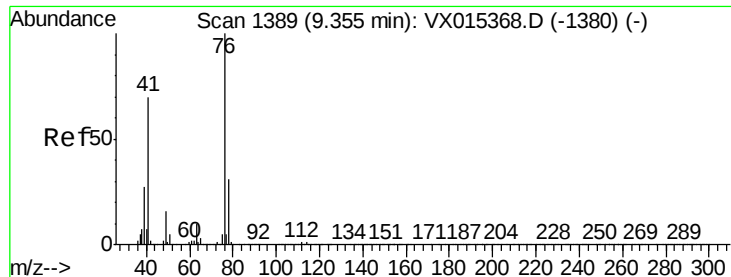
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 4/3/2020 12:36:31 PM



#56
 Ethyl methacrylate
 Concen: 18.178 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: VX015474.D
 Acq: 02 Apr 2020 12:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		388865		
41	77.0	61.6	92.4		
39	43.0	34.0	51.0		





#57

1,3-Dichloropropane

Concen: 18.543 ug/l

RT: 9.35 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015474.D

Acq: 02 Apr 2020 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS01

Tot Ion: 76 Resp: 405514

Ion Ratio Lower Upper

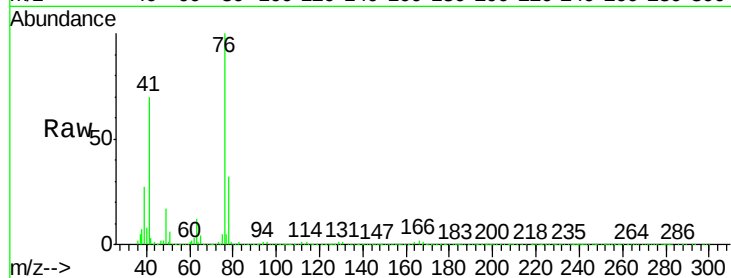
76 100

78 32.1 25.8 38.8

Manual Integrations
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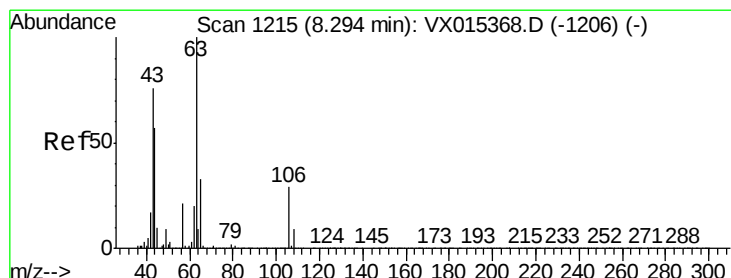
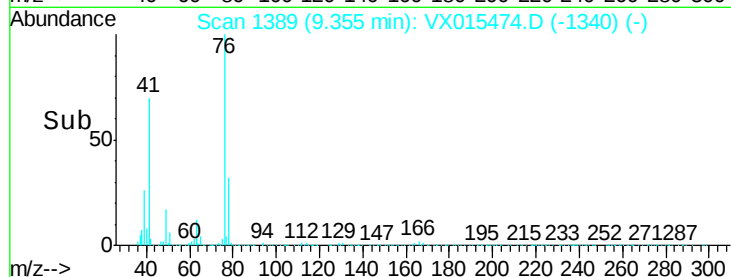
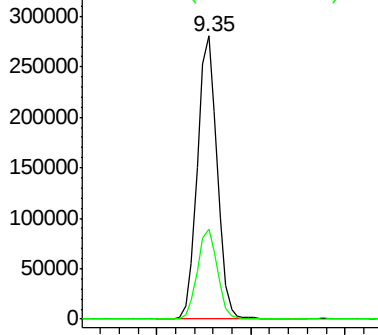
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 96.285 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015474.D

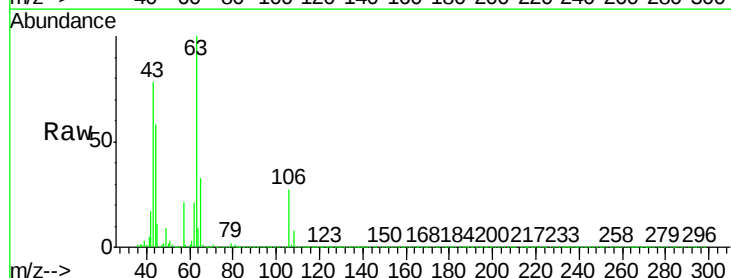
Acq: 02 Apr 2020 12:10

Tgt Ion: 63 Resp: 1001839

Ion Ratio Lower Upper

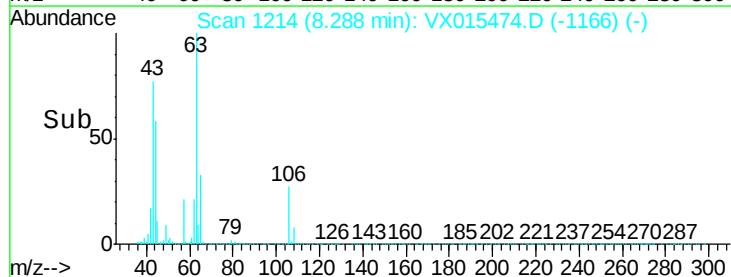
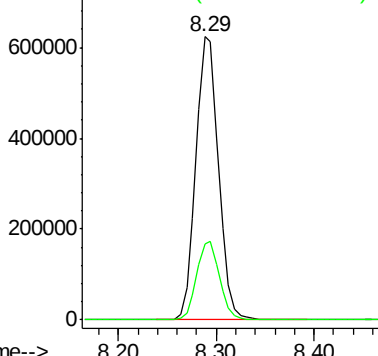
63 100

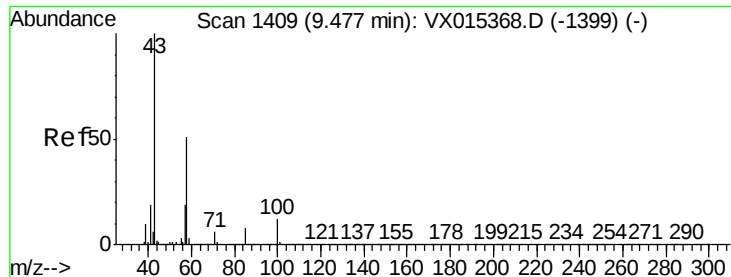
106 27.8 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





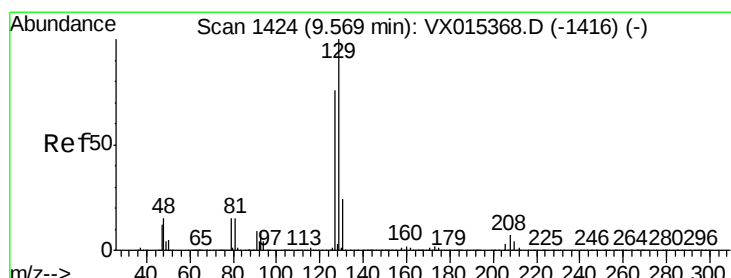
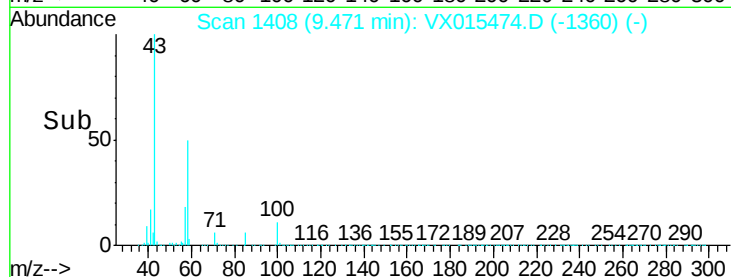
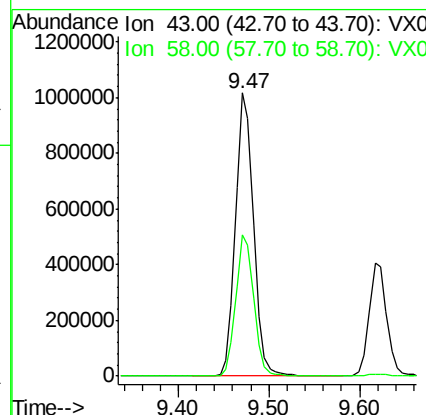
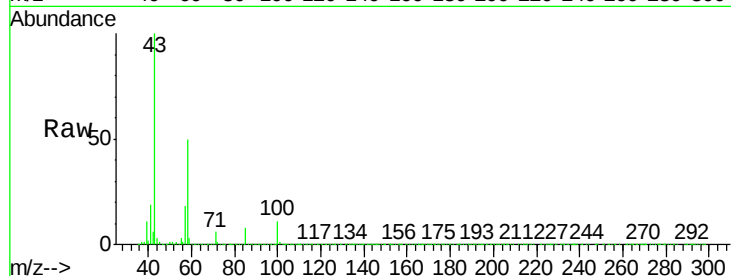
#59
2-Hexanone
Concen: 90.867 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015474.D
Acq: 02 Apr 2020 12:10

Instrument :
MSVOA_X
ClientSampled :
VX0402WBS01

Tot Ion: 43 Resp: 1401861
Ion Ratio Lower Upper
43 100
58 49.9 25.6 76.6

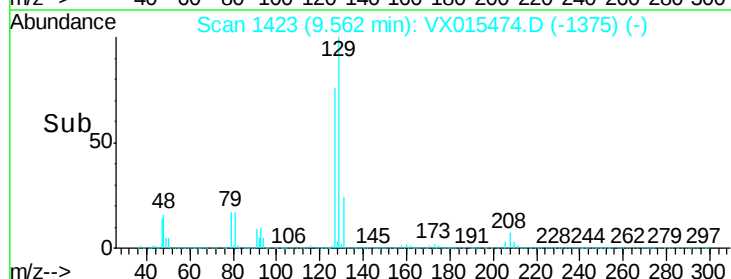
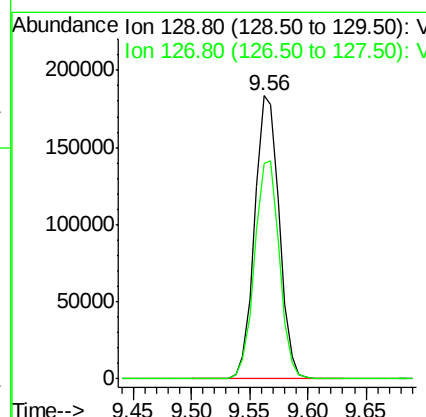
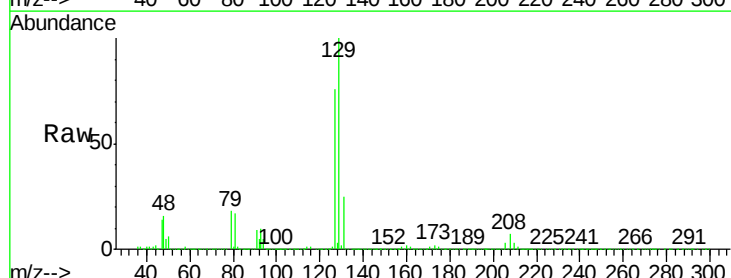
Manual Integrations
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#60
Dibromochloromethane
Concen: 18.608 ug/l
RT: 9.56 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VX015474.D
Acq: 02 Apr 2020 12:10

Tgt Ion: 129 Resp: 271404
Ion Ratio Lower Upper
129 100
127 77.6 38.2 114.6





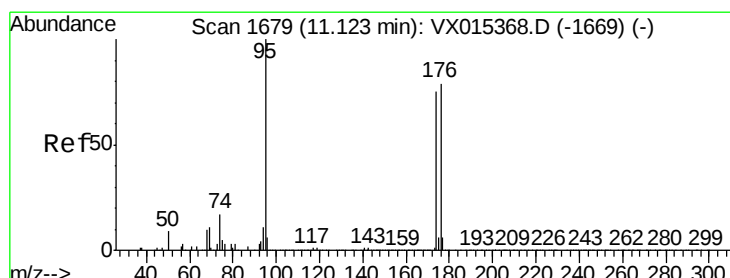
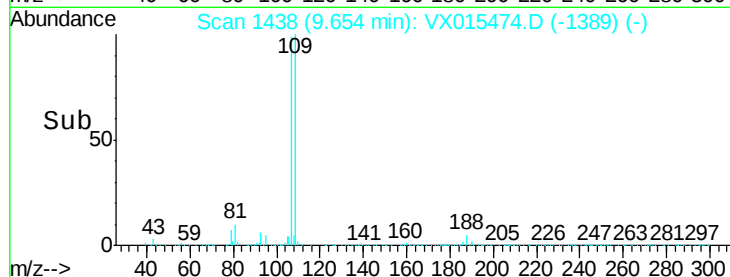
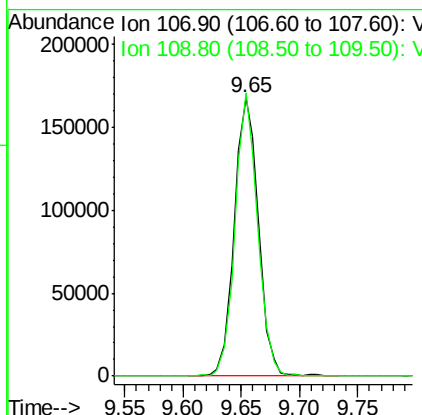
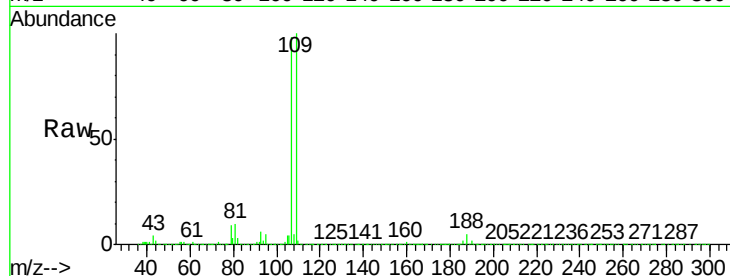
#61
 1,2-Dibromoethane
 Concen: 18.257 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: VX015474.D
 Acq: 02 Apr 2020 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

Tot Ion	Ratio	Resp	Lower	Upper
107	100	240963		
109	95.4	74.8	112.2	

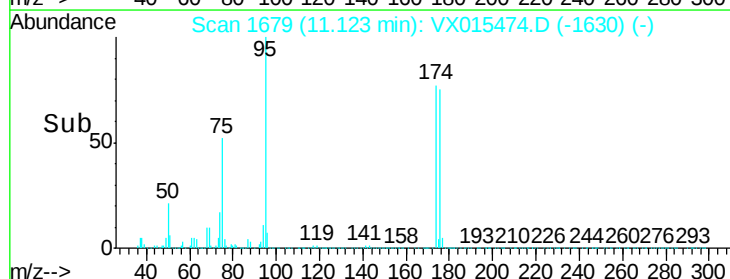
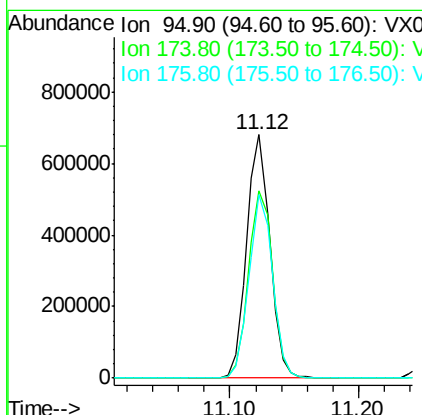
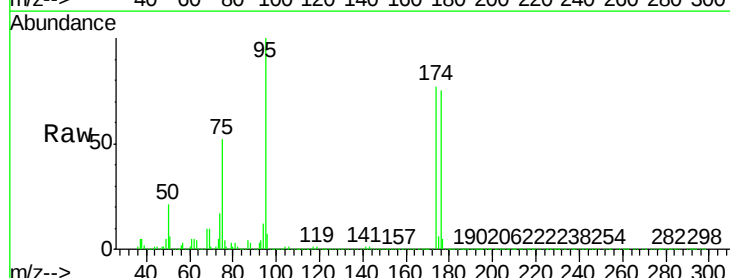
Manual Integrations
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#62
 4-Bromofluorobenzene
 Concen: 49.389 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: VX015474.D
 Acq: 02 Apr 2020 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	841034		
174	79.8	0.0	158.6	
176	76.4	0.0	159.0	





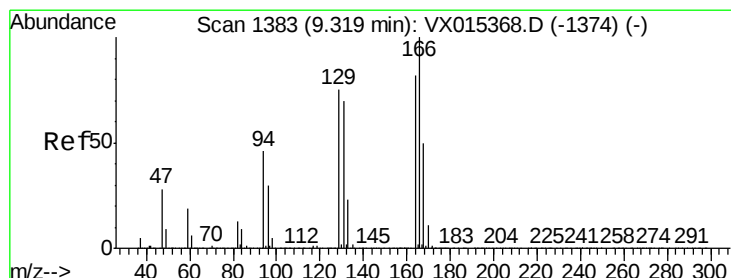
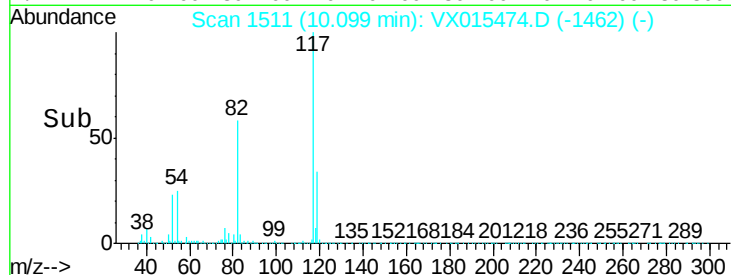
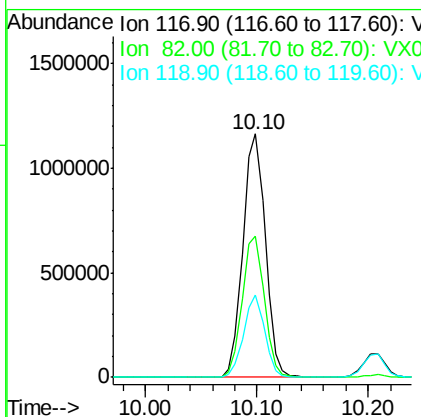
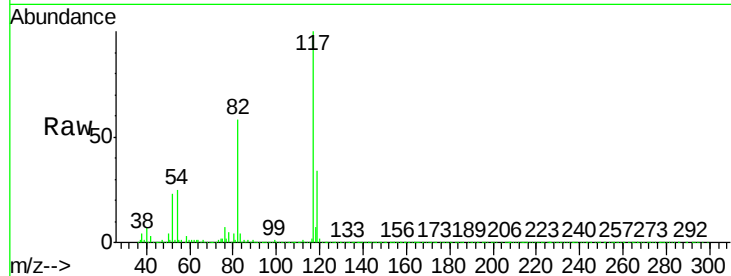
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015474.D
Acq: 02 Apr 2020 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.2	47.8	71.8
119	34.0	26.8	40.2

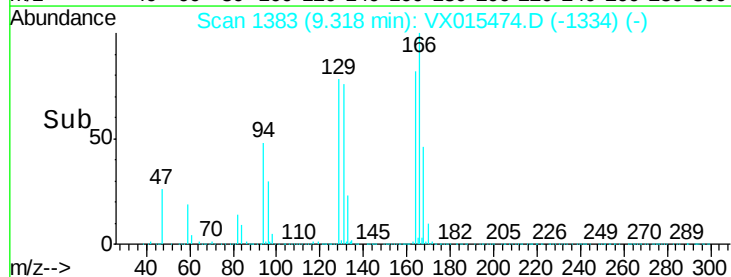
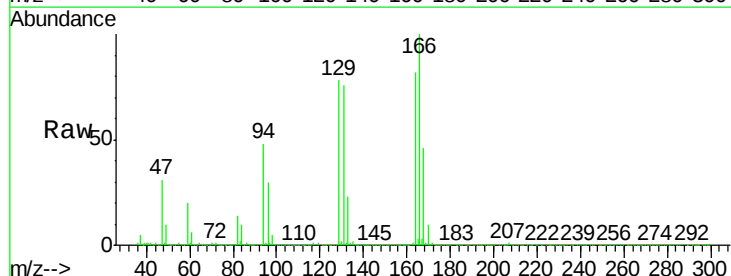
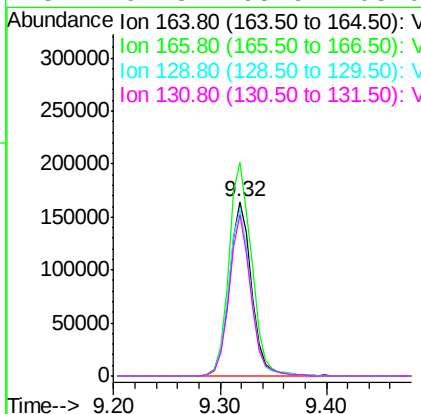
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APPROVED

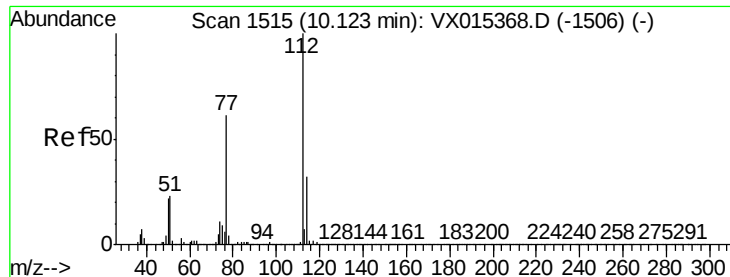
MMDadoda
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#64
Tetrachloroethene
Concen: 19.521 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015474.D
Acq: 02 Apr 2020 12:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.6	97.8	146.6
129	95.5	73.0	109.4
131	92.3	68.6	103.0





#65

Chlorobenzene

Concen: 18.858 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VX015474.D

Acq: 02 Apr 2020 12:10

Instrument :

MSVOA_X

ClientSampled :

VX0402WBS01

Tot Ion:112 Resp: 613238

Ion Ratio Lower Upper

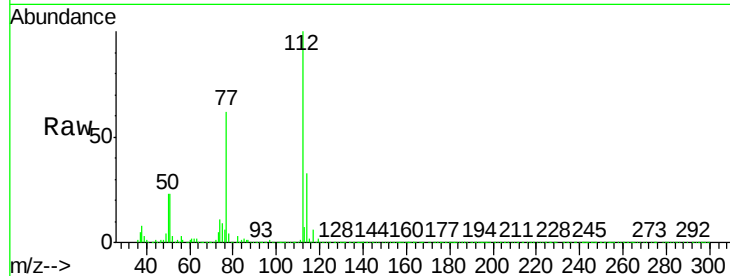
112 100

114 32.5 25.5 38.3

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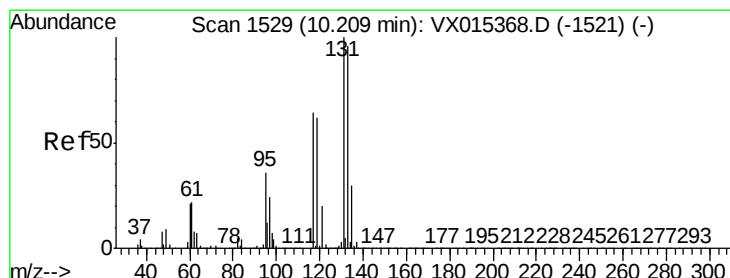
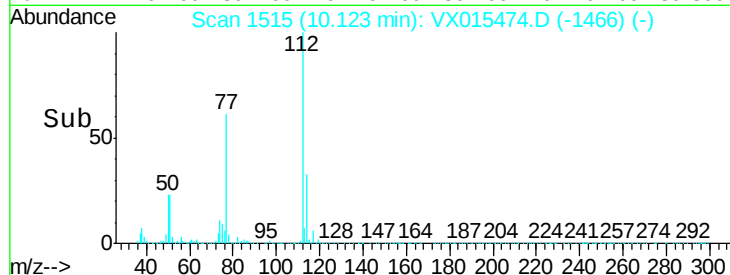
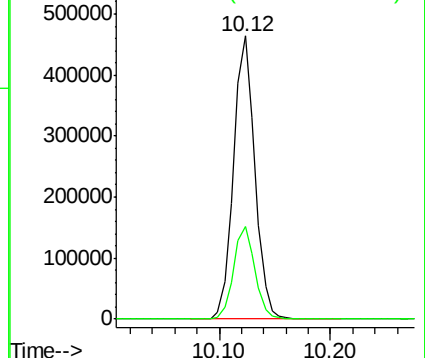
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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 18.860 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. -0.00 min

Lab File: VX015474.D

Acq: 02 Apr 2020 12:10

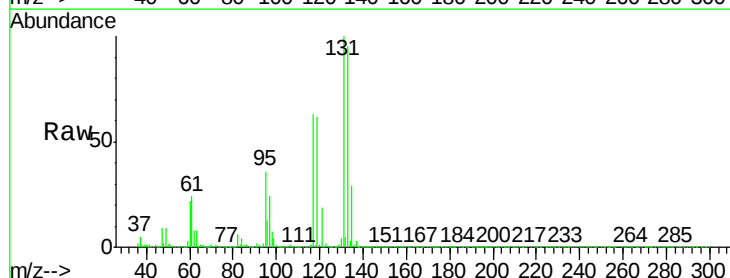
Tgt Ion:131 Resp: 245018

Ion Ratio Lower Upper

131 100

133 94.5 47.6 142.9

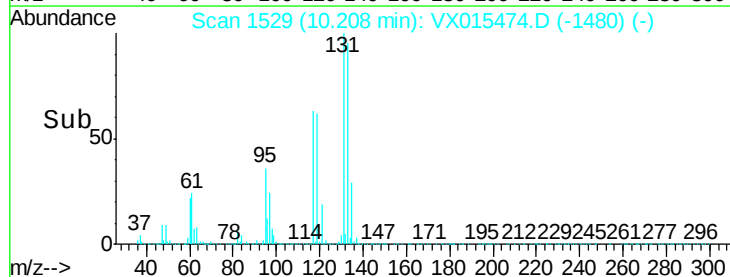
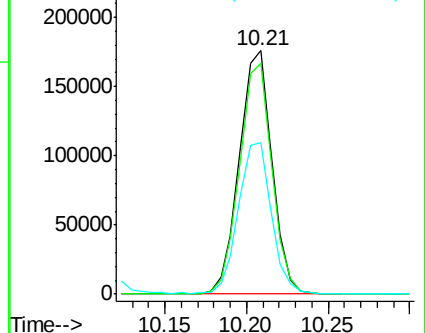
119 63.1 31.1 93.3

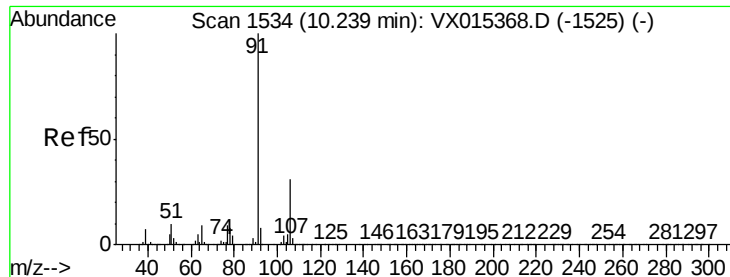


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





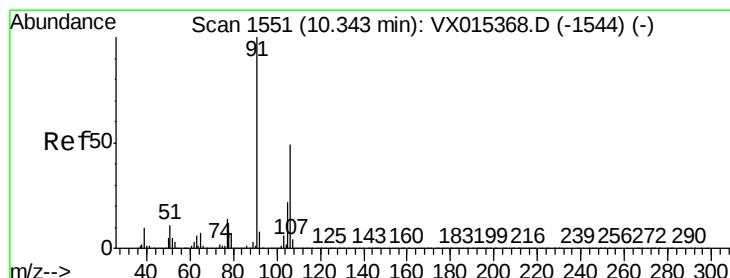
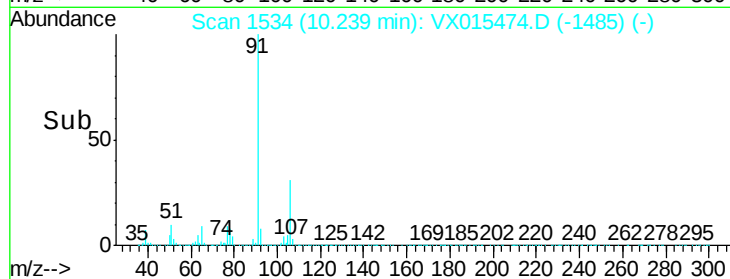
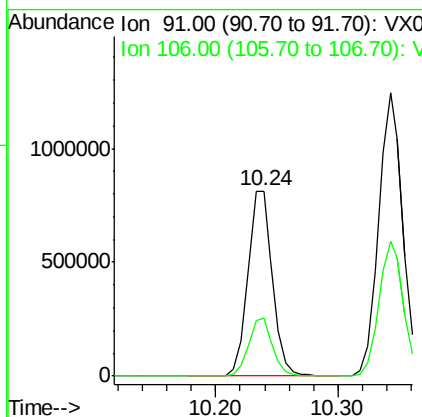
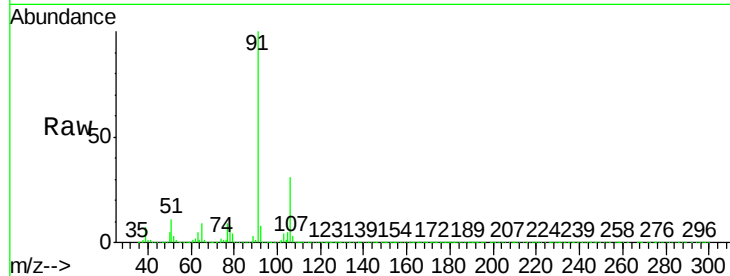
#67
Ethyl Benzene
Concen: 19.760 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VX015474.D
Acq: 02 Apr 2020 12:10

Instrument :
MSVOA_X
ClientSampled :
VX0402WBS01

Tot Ion: 91 Resp: 1139662
Ion Ratio Lower Upper
91 100
106 31.2 24.8 37.2

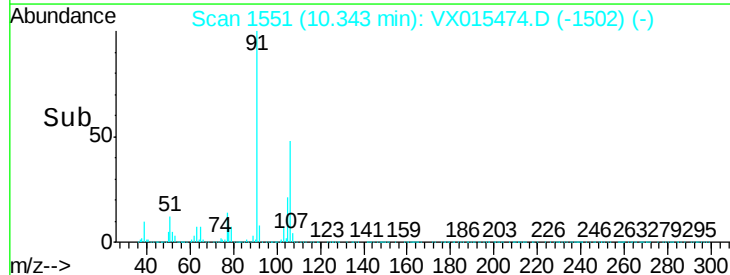
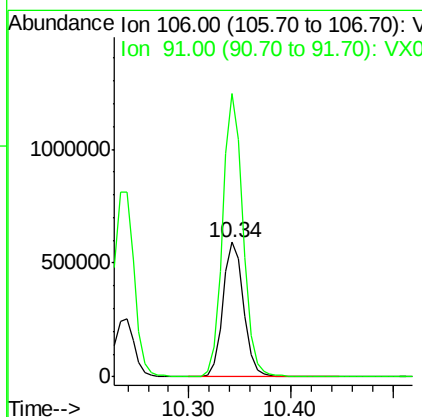
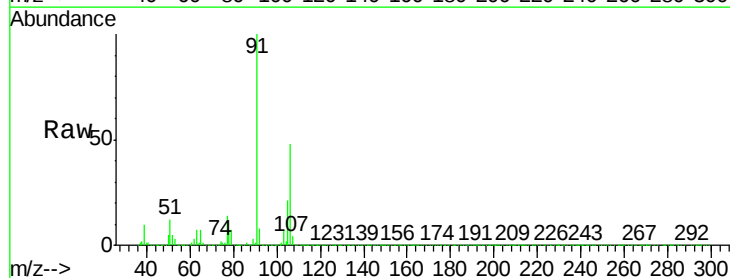
Manual Integrations
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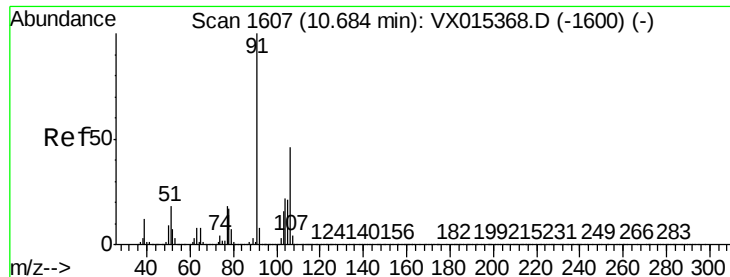
MMDadoda
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#68
m/p-Xylenes
Concen: 38.703 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015474.D
Acq: 02 Apr 2020 12:10

Tgt Ion: 106 Resp: 831224
Ion Ratio Lower Upper
106 100
91 207.2 163.4 245.0





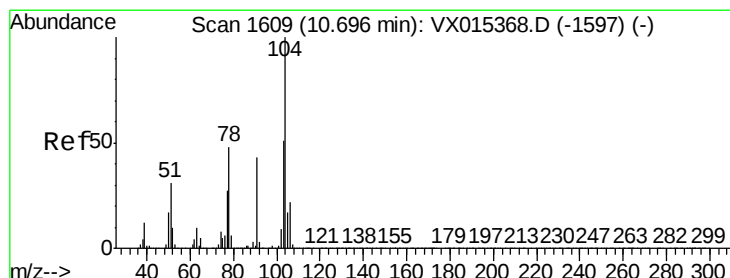
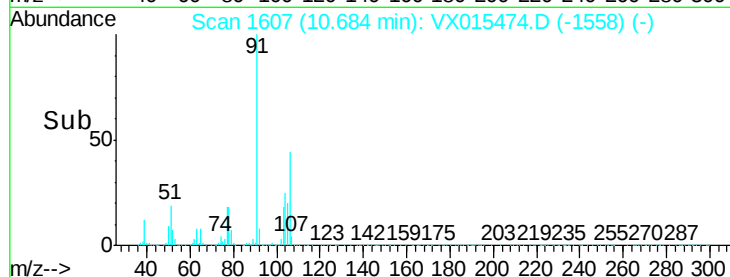
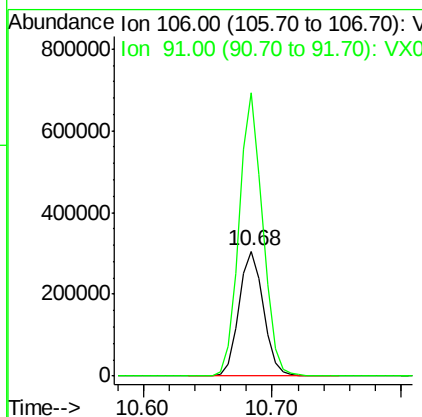
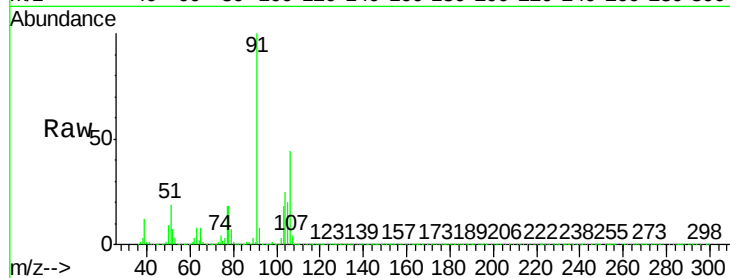
#69
o-Xylene
Concen: 18.918 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015474.D
Acq: 02 Apr 2020 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	401482		
91	218.7	107.1	321.3	

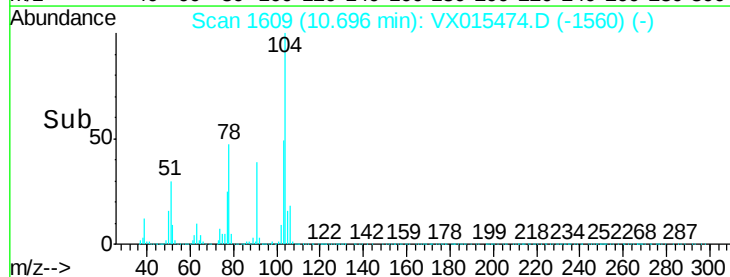
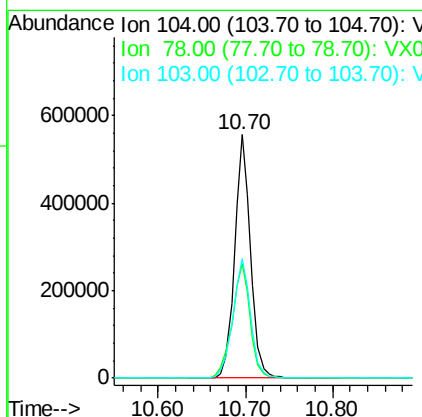
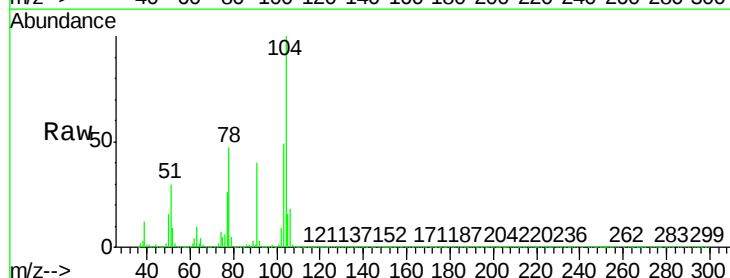
Manual Integrations
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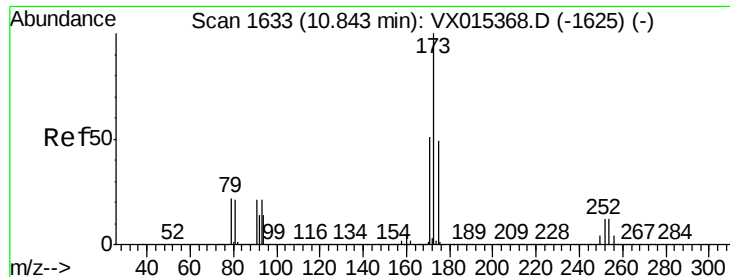
MMDadoda
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#70
Styrene
Concen: 18.925 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015474.D
Acq: 02 Apr 2020 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	706743		
78	52.9	42.0	63.0	
103	54.3	43.4	65.0	





#71

Bromoform

Concen: 17.493 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015474.D

Acq: 02 Apr 2020 12:10

Instrument :

MSVOA_X

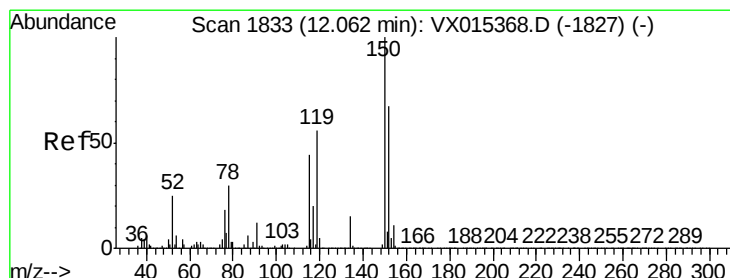
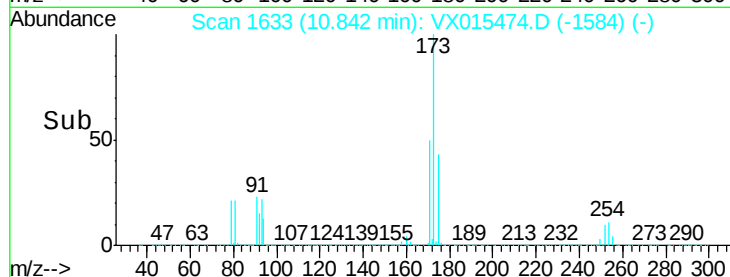
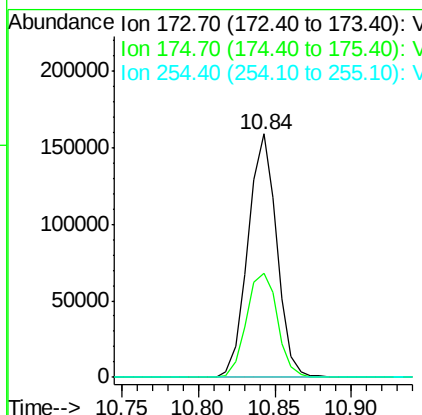
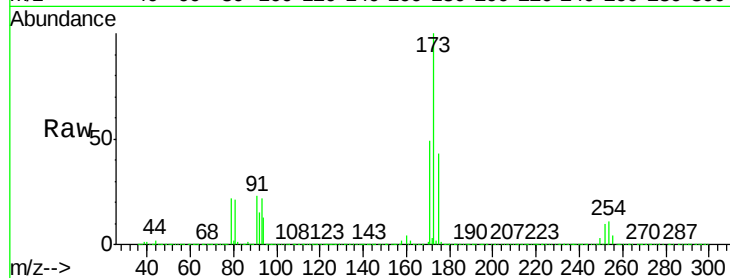
ClientSampleId :

VX0402WBS01

Tot Ion:	173	Resp:	206885
Ion Ratio	Lower	Upper	
173	100		
175	46.4	23.9	71.7
254	0.3	0.1	0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

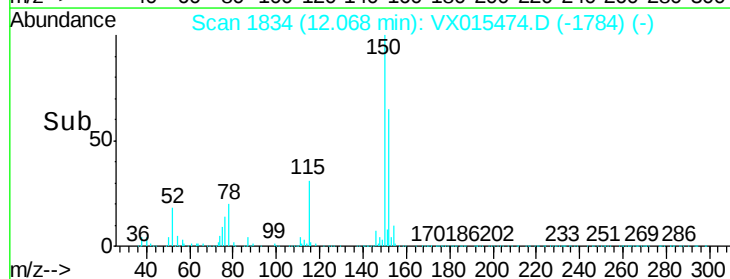
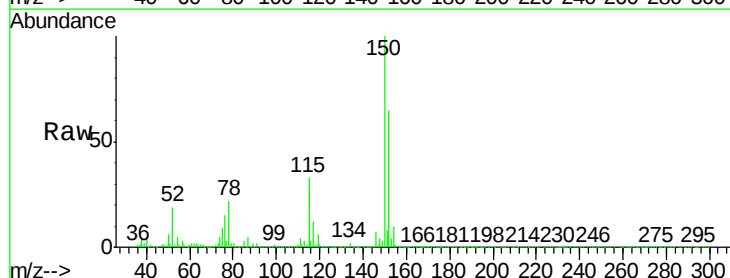
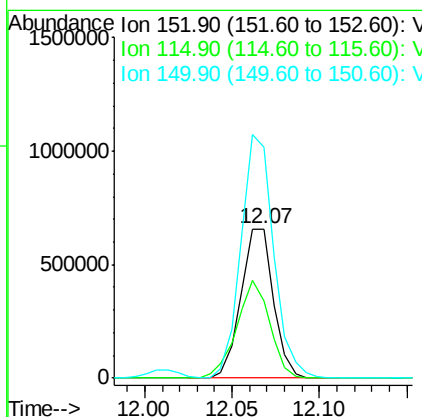
RT: 12.07 min Scan# 1834

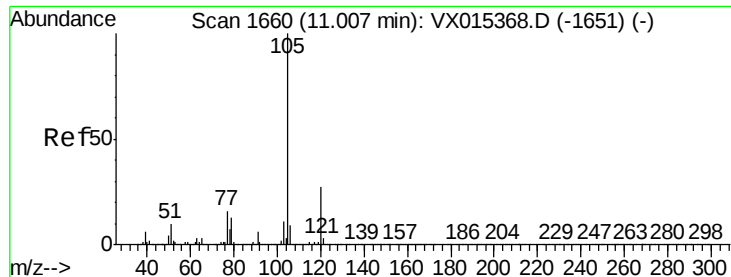
Delta R.T. 0.01 min

Lab File: VX015474.D

Acq: 02 Apr 2020 12:10

Tgt Ion:	152	Resp:	851830
Ion Ratio	Lower	Upper	
152	100		
115	66.4	39.0	116.9
150	164.0	0.0	340.8





#73

Isopropylbenzene

Concen: 19.576 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015474.D

Acq: 02 Apr 2020 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS01

Tot Ion:105 Resp: 1092586

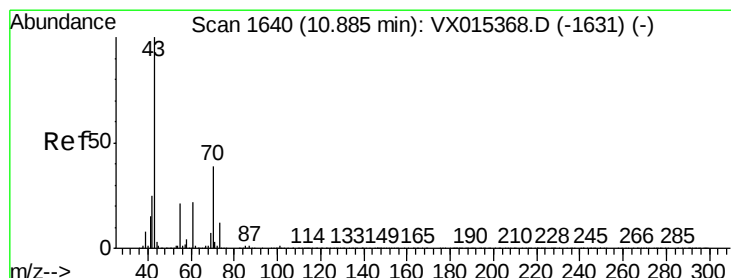
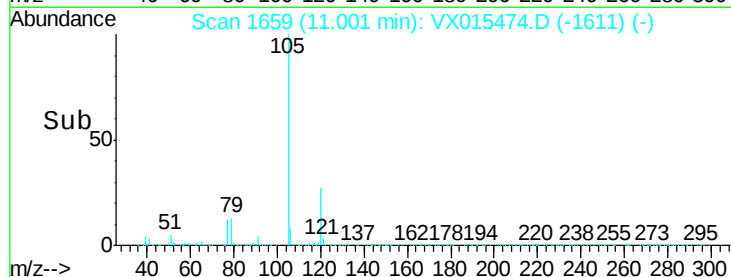
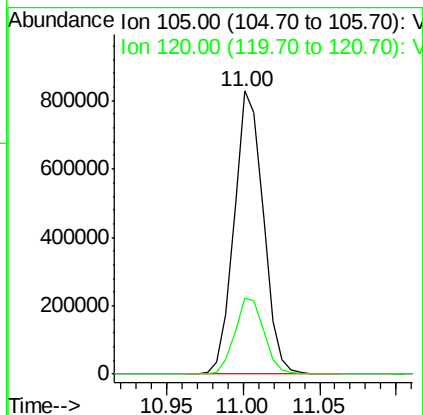
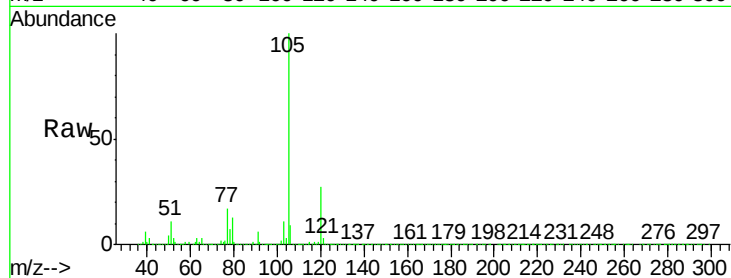
Ion Ratio Lower Upper

105 100

120 26.8 13.2 39.5

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#74

N-ethyl acetate

Concen: 17.705 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015474.D

Acq: 02 Apr 2020 12:10

Tgt Ion: 43 Resp: 549621

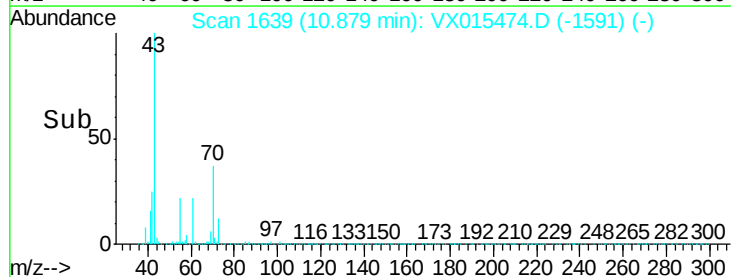
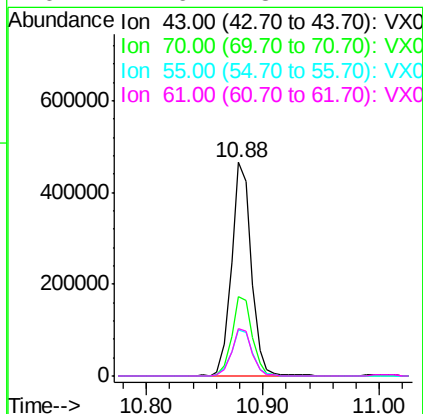
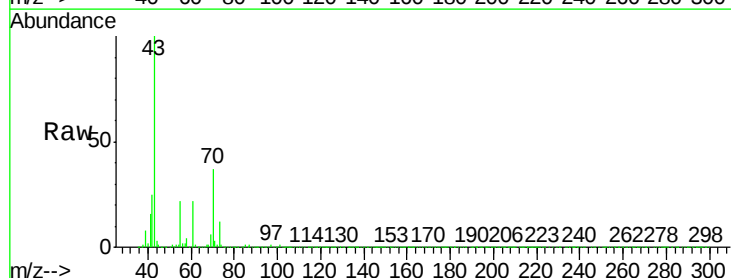
Ion Ratio Lower Upper

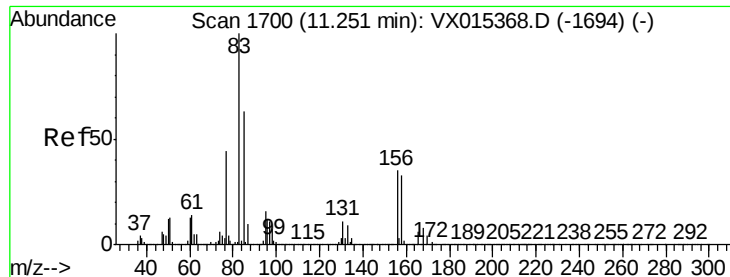
43 100

70 38.0 30.2 45.4

55 22.7 16.8 25.2

61 22.6 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.078 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015474.D

Acq: 02 Apr 2020 12:10

Instrument :

MSVOA_X

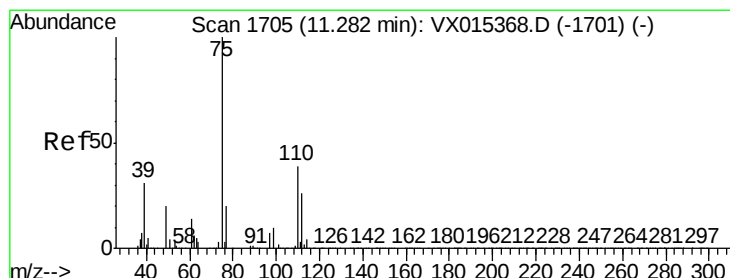
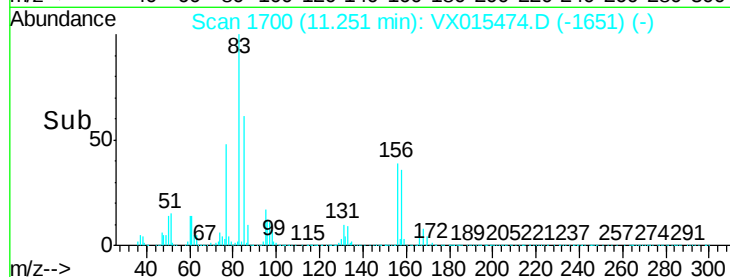
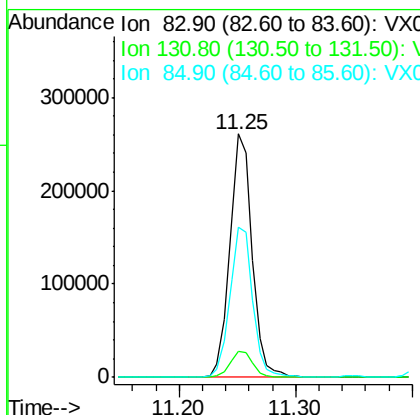
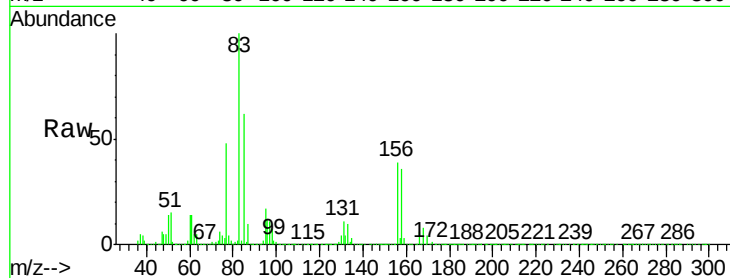
ClientSampled :

VX0402WBS01

Tot Ion:	83	Resp:	346234
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.3	16.1
85	63.2	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 18.662 ug/l m

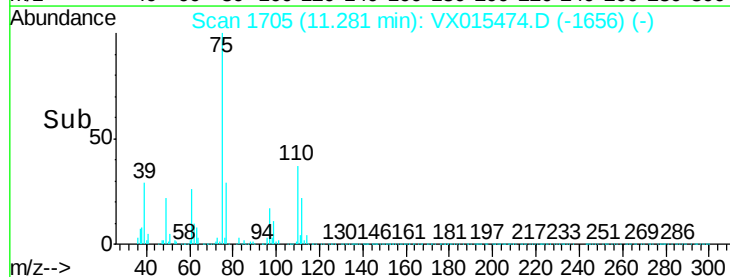
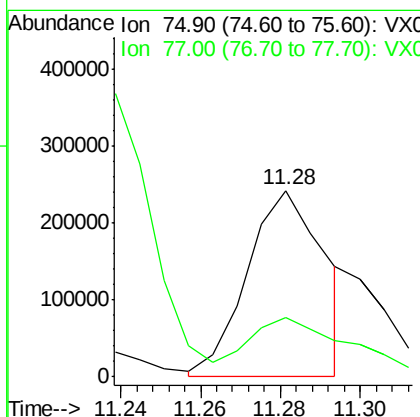
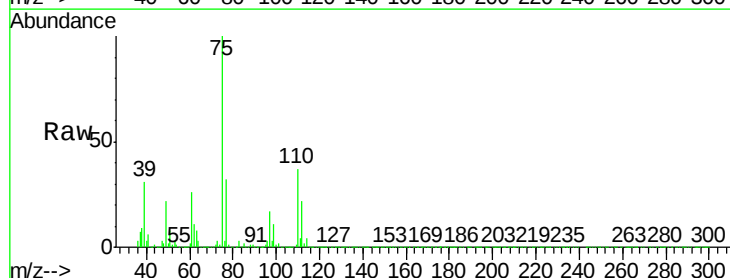
RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015474.D

Acq: 02 Apr 2020 12:10

Tgt Ion:	75	Resp:	326900
Ion Ratio	Lower	Upper	
75	100		
77	41.3	21.2	63.6





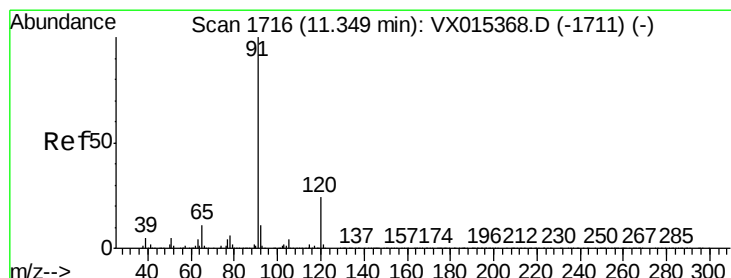
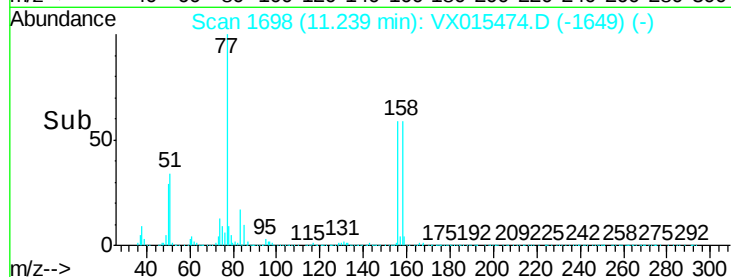
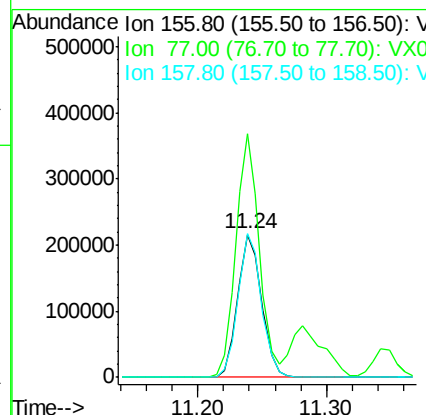
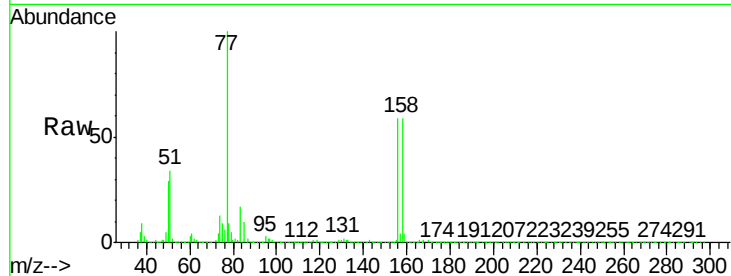
#77
Bromobenzene
Concen: 18.707 ug/l
RT: 11.24 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX015474.D
Acq: 02 Apr 2020 12:10

Instrument :
MSVOA_X
ClientSampled :
VX0402WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	167.4	82.2	246.5
158	99.4	49.3	147.9

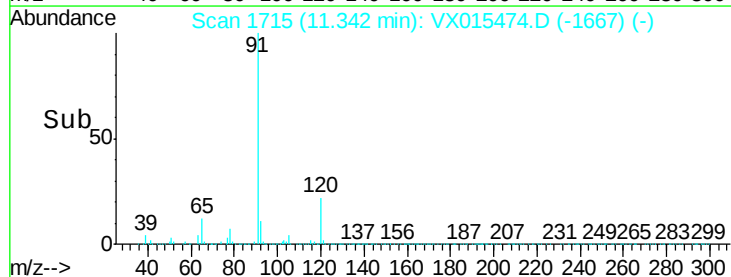
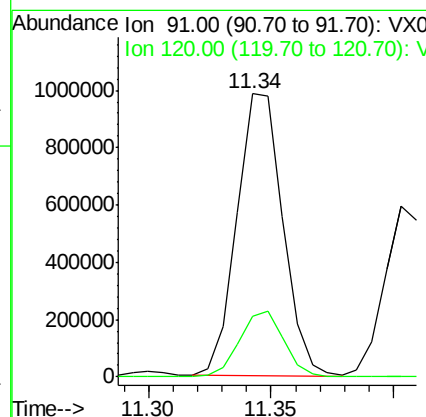
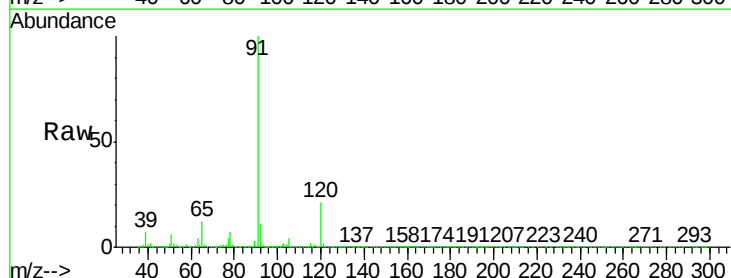
Manual Integrations
APPROVED

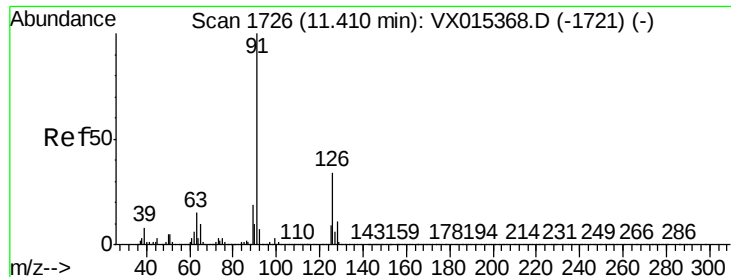
MMDadoda
4/3/2020 12:36:31 PM



#78
n-propylbenzene
Concen: 20.163 ug/l
RT: 11.34 min Scan# 1715
Delta R.T. -0.01 min
Lab File: VX015474.D
Acq: 02 Apr 2020 12:10

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	11.7	35.0





#79

2-Chlorotoluene

Concen: 19.614 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015474.D

Acq: 02 Apr 2020 12:10

Instrument :

MSVOA_X

ClientSampled :

VX0402WBS01

Tot Ion: 91 Resp: 767245

Ion Ratio Lower Upper

91 100

126 32.9

16.5

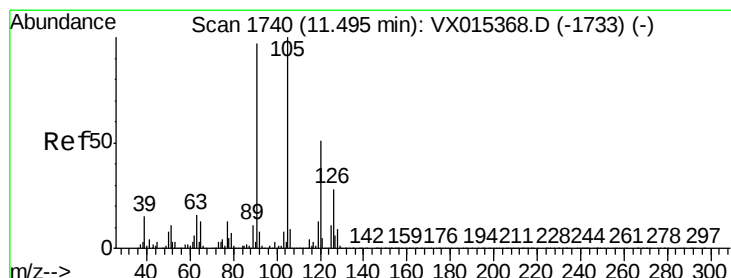
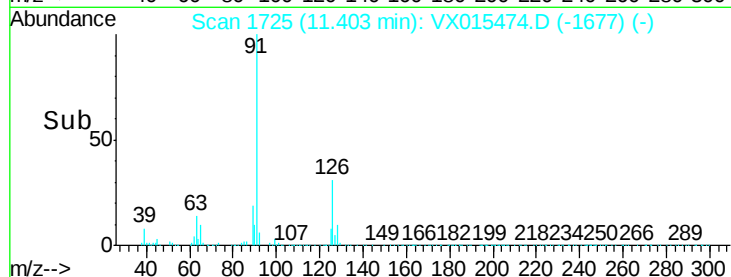
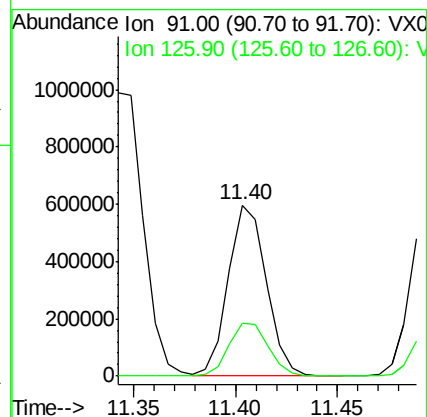
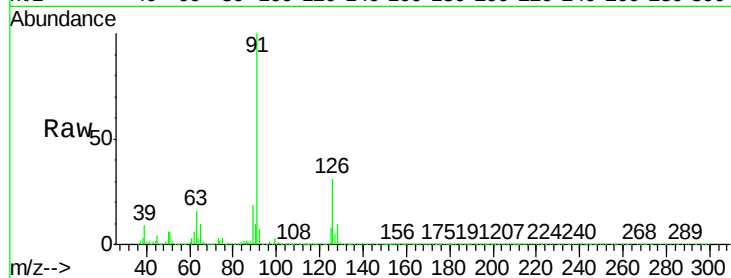
49.5

Manual Integrations

APPROVED

MMDadoda

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#80

1,3,5-Trimethylbenzene

Concen: 19.667 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015474.D

Acq: 02 Apr 2020 12:10

Tgt Ion: 105 Resp: 937471

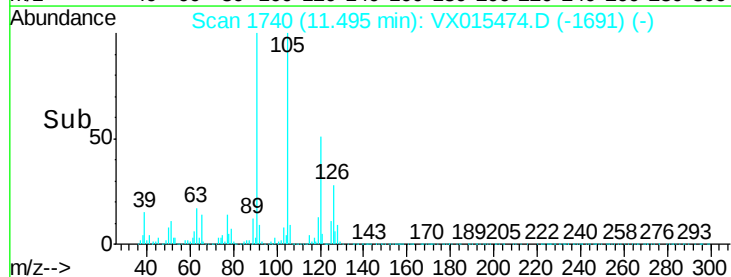
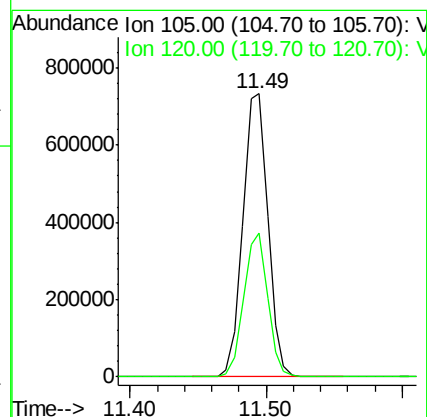
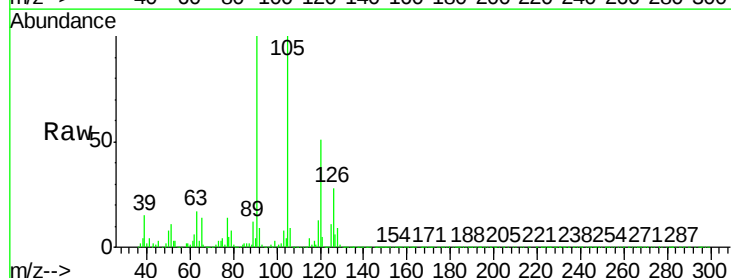
Ion Ratio Lower Upper

105 100

120 48.5

24.8

74.4





#81

trans-1,4-Dichloro-2-butene

Concen: 17.208 ug/l

RT: 11.06 min Scan# 1668

Delta R.T. -0.01 min

Lab File: VX015474.D

Acq: 02 Apr 2020 12:10

Instrument :

MSVOA_X

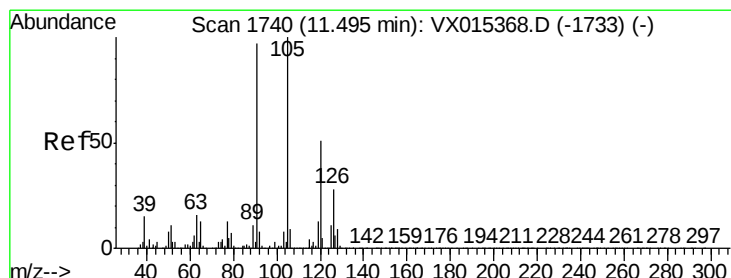
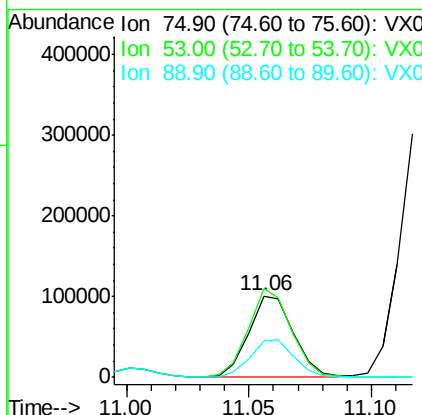
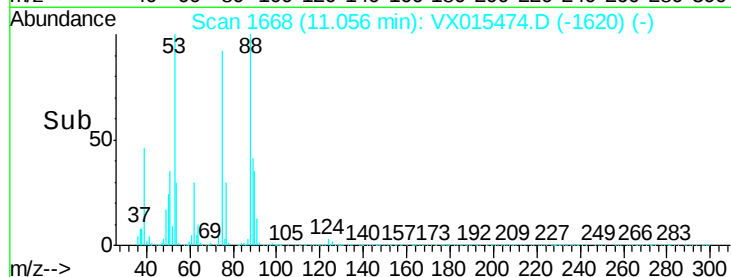
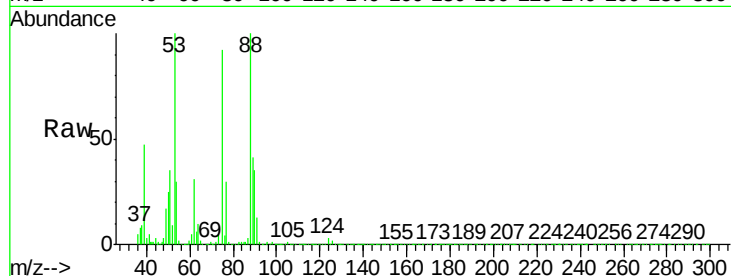
ClientSampled :

VX0402WBS01

Tot Ion:	75	Resp:	125628
Ion Ratio	Lower	Upper	
75	100		
53	105.1	80.1	120.1
89	47.6	36.1	54.1

Manual Integrations
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4/3/2020 12:36:31 PM



#82

4-Chlorotoluene

Concen: 19.587 ug/l

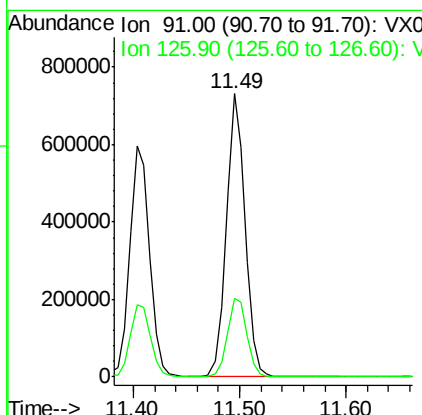
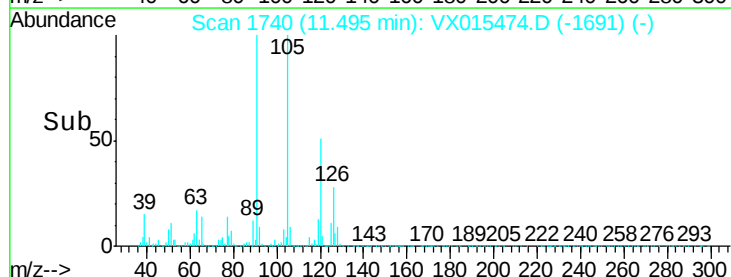
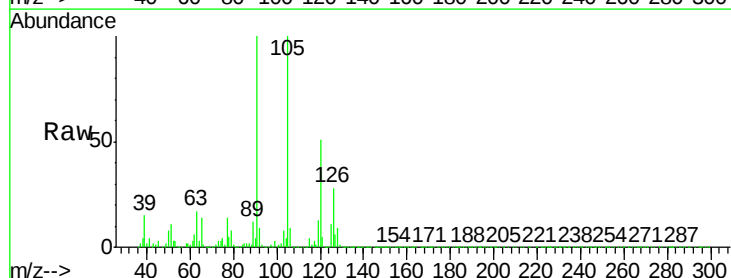
RT: 11.49 min Scan# 1740

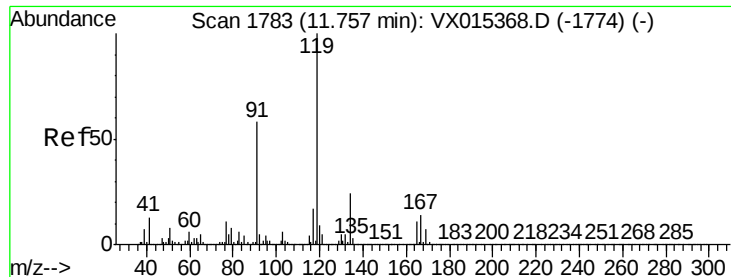
Delta R.T. -0.00 min

Lab File: VX015474.D

Acq: 02 Apr 2020 12:10

Tgt Ion:	91	Resp:	898227
Ion Ratio	Lower	Upper	
91	100		
126	29.0	14.7	44.1





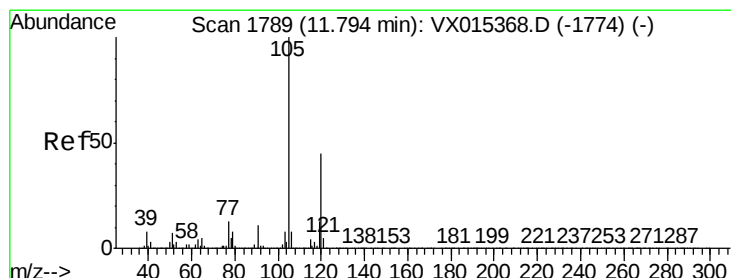
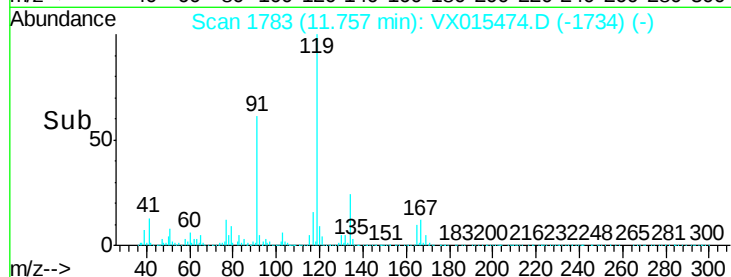
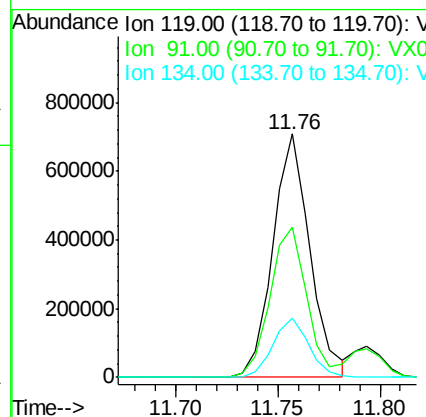
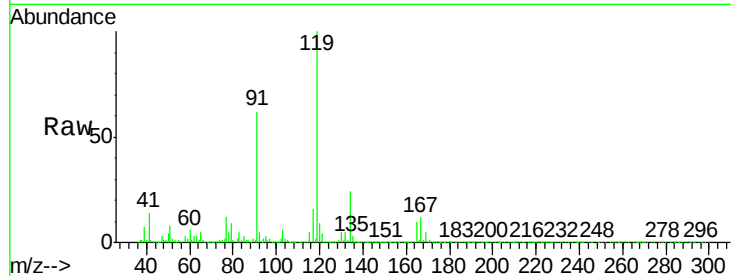
#83
tert-Butylbenzene
Concen: 19.160 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015474.D
Acq: 02 Apr 2020 12:10

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	892085		
91	60.8	28.6	85.8	
134	23.8	11.8	35.3	

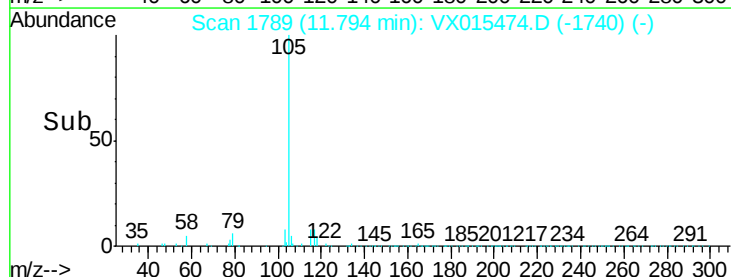
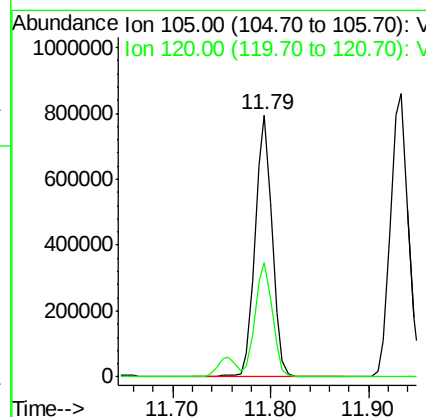
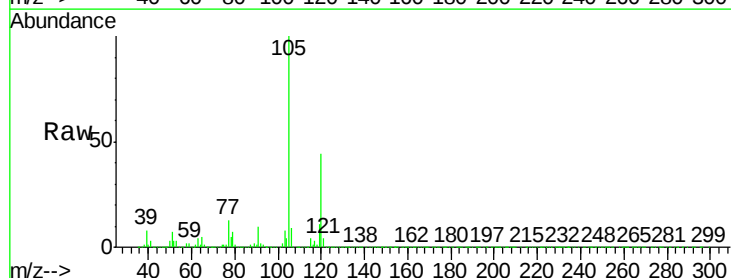
Manual Integrations
APPROVED

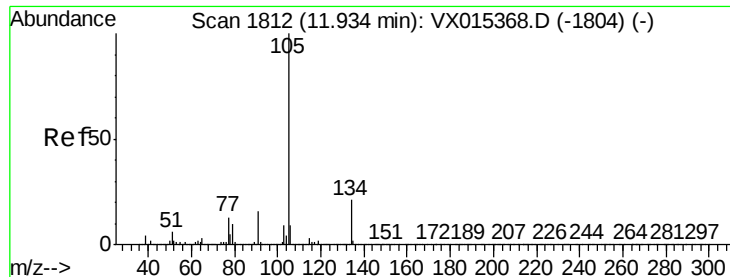
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 19.669 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX015474.D
Acq: 02 Apr 2020 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	955415		
120	44.4	22.7	68.1	





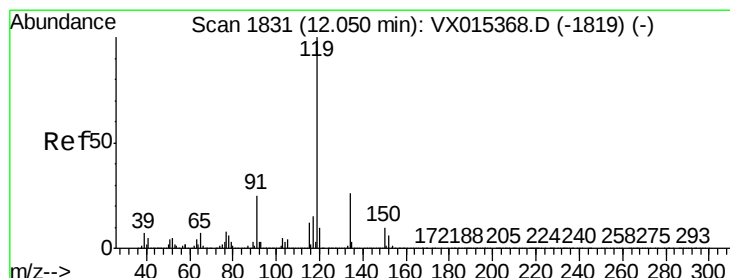
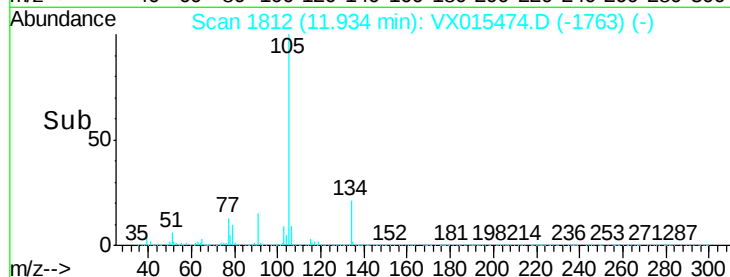
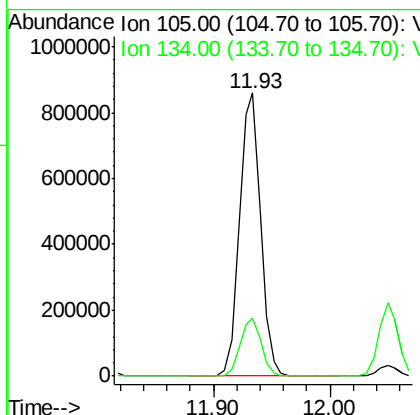
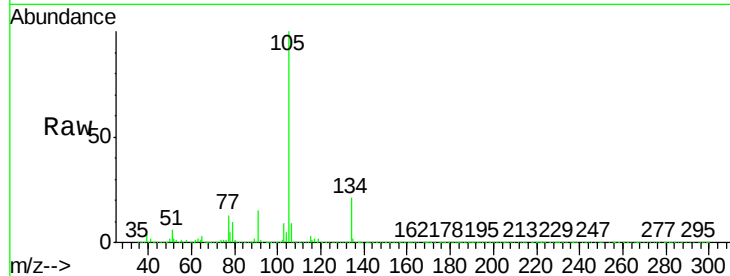
#85
 sec-Butylbenzene
 Concen: 20.033 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: VX015474.D
 Acq: 02 Apr 2020 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

Tot Ion:105 Resp: 1078741
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1

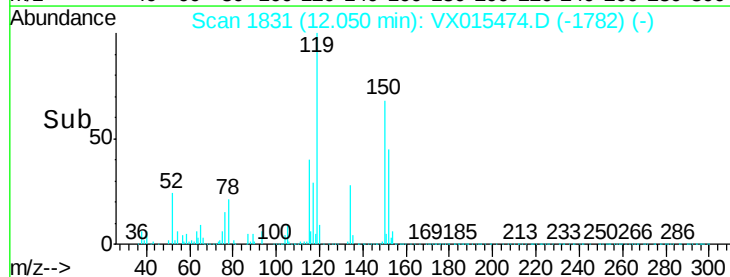
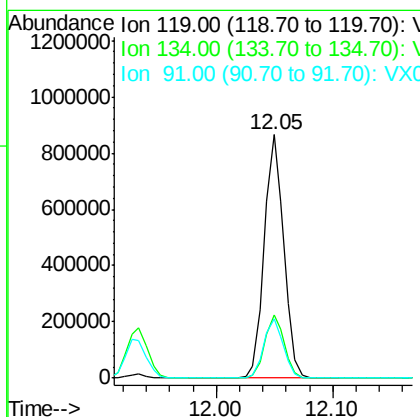
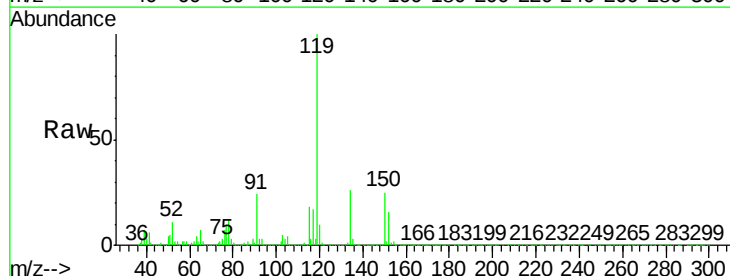
Manual Integrations
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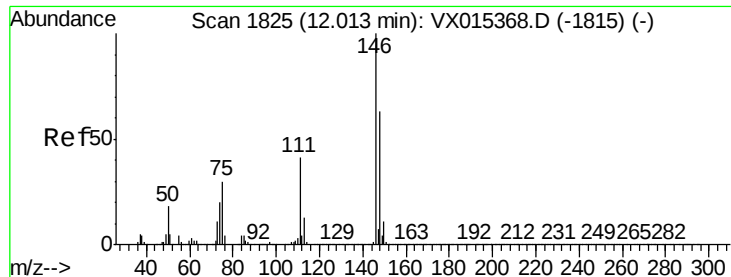
MMDadoda
 4/3/2020 12:36:31 PM



#86
 p-Isopropyltoluene
 Concen: 20.275 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: VX015474.D
 Acq: 02 Apr 2020 12:10

Tgt Ion:119 Resp: 1013542
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.3
 91 24.4 12.4 37.4





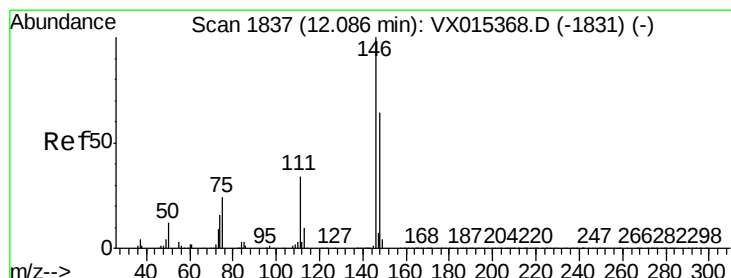
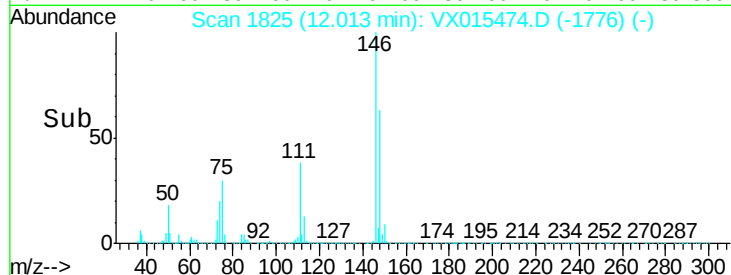
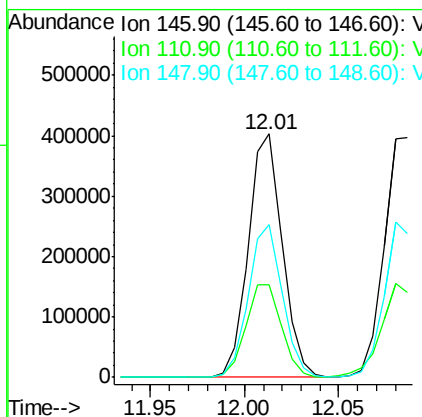
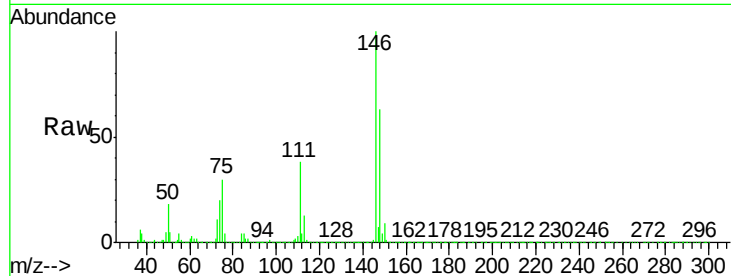
#87
 1,3-Dichlorobenzene
 Concen: 18.927 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015474.D
 Acq: 02 Apr 2020 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.3	20.3	60.9
148	62.6	31.3	93.9

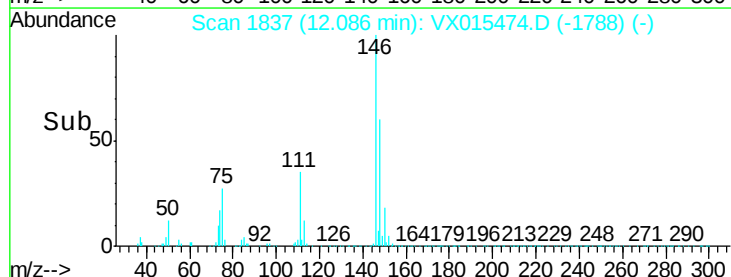
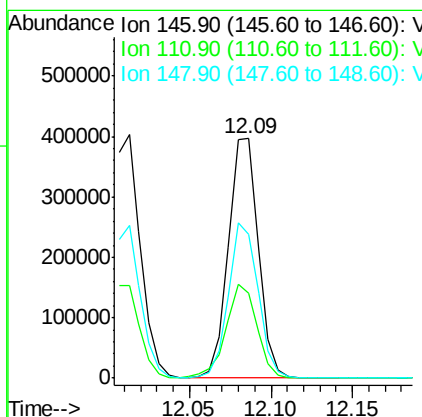
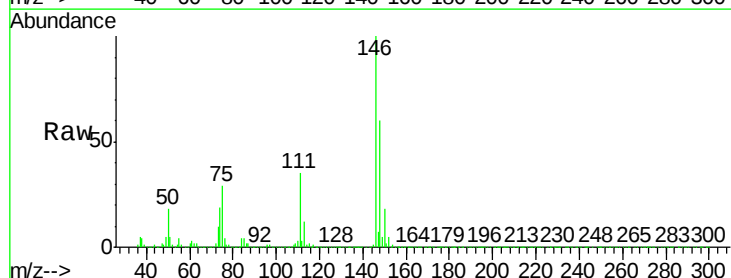
Manual Integrations
 APPROVED

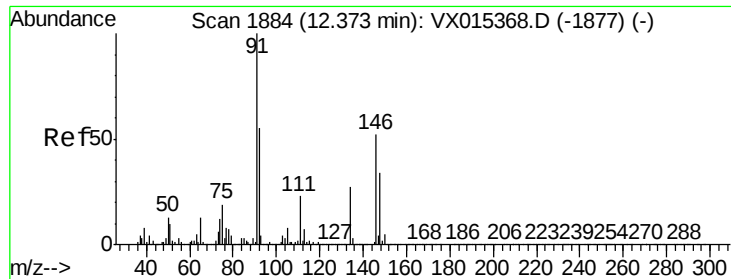
MMDadoda
 4/3/2020 12:36:31 PM



#88
 1,4-Dichlorobenzene
 Concen: 18.621 ug/l
 RT: 12.09 min Scan# 1837
 Delta R.T. -0.00 min
 Lab File: VX015474.D
 Acq: 02 Apr 2020 12:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.1	57.5
148	64.3	32.4	97.2





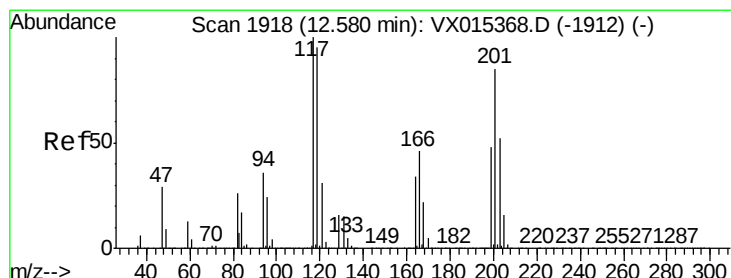
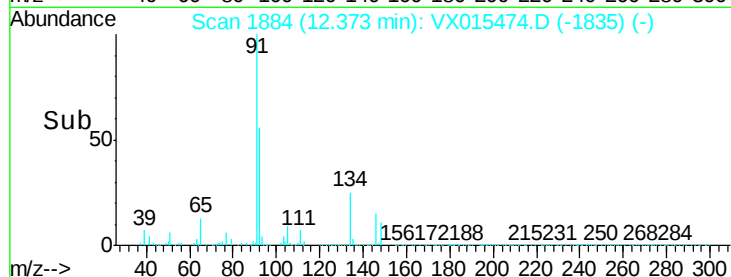
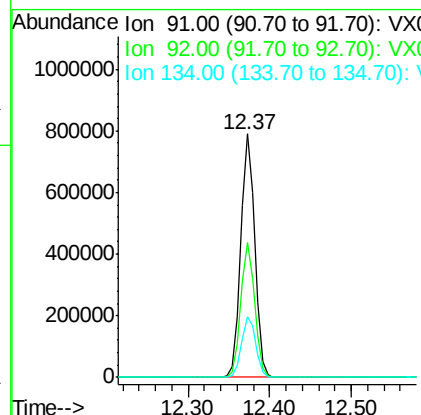
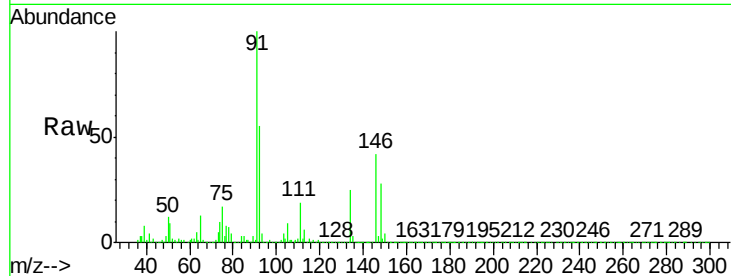
#89
n-Butylbenzene
Concen: 20.197 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015474.D
Acq: 02 Apr 2020 12:10

Instrument :
MSVOA_X
ClientSampled :
VX0402WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	912374		
92	55.1	27.2	81.5	
134	25.3	13.4	40.2	

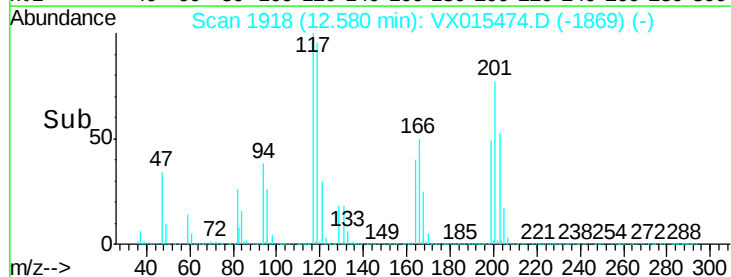
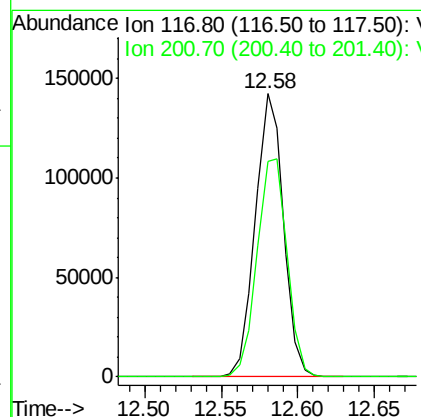
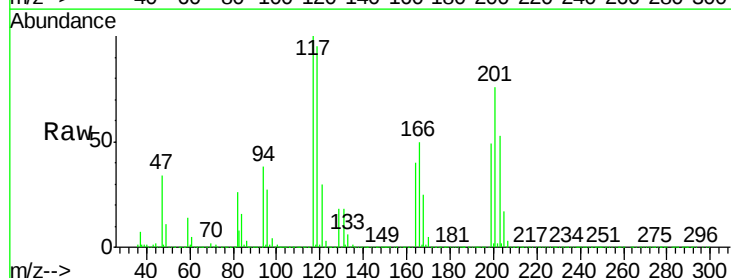
Manual Integrations
APPROVED

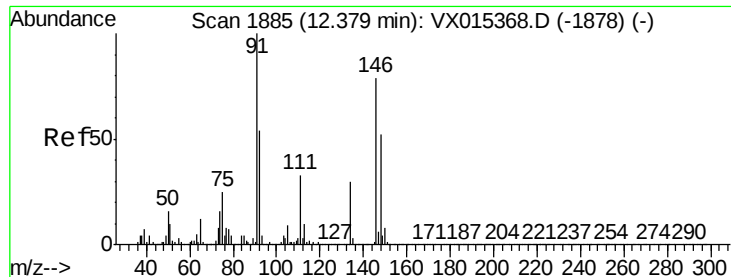
MMDadoda
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#90
Hexachloroethane
Concen: 18.672 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015474.D
Acq: 02 Apr 2020 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	181673		
201	83.1	42.6	128.0	





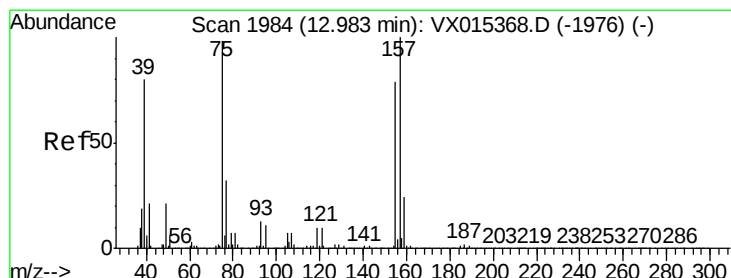
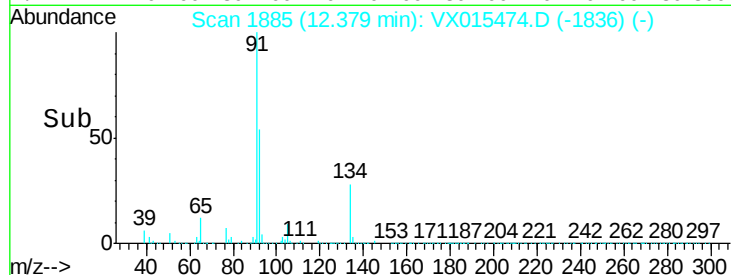
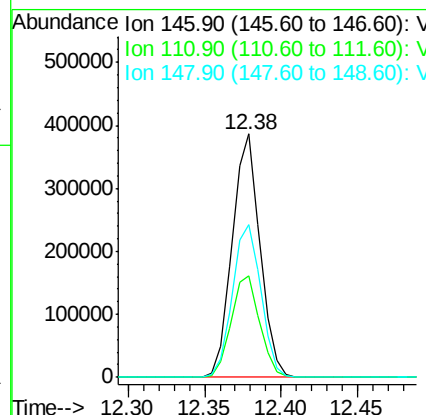
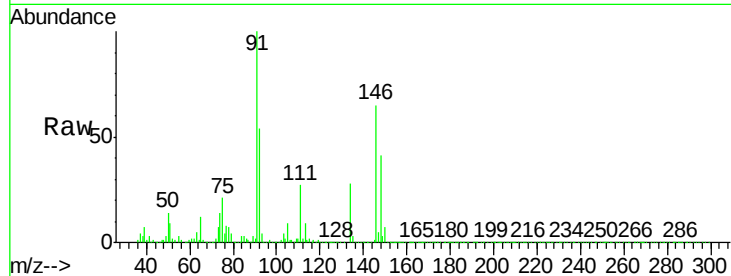
#91
 1,2-Dichlorobenzene
 Concen: 18.516 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015474.D
 Acq: 02 Apr 2020 12:10

Instrument :
 MSVOA_X
 ClientSampled :
 VX0402WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	482937		
111	43.0	21.0	63.0	
148	64.6	32.4	97.0	

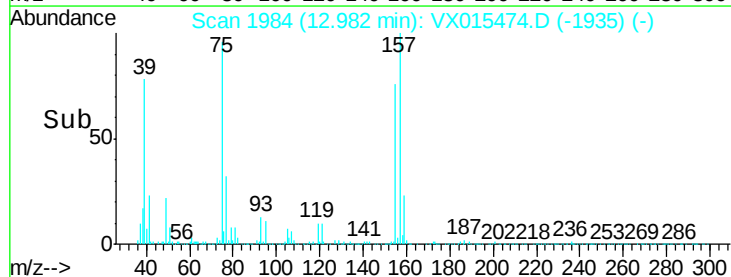
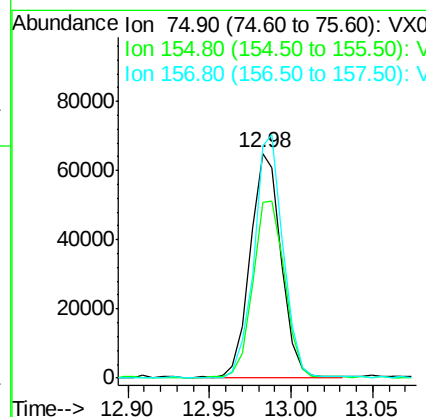
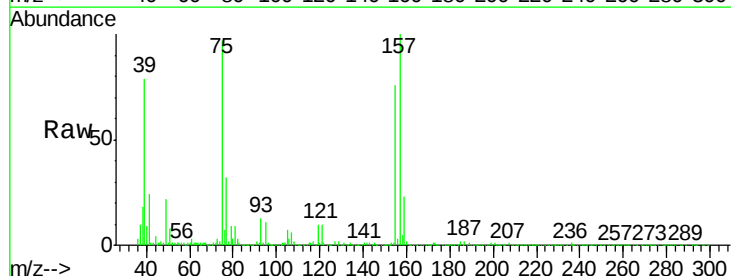
Manual Integrations
 APPROVED

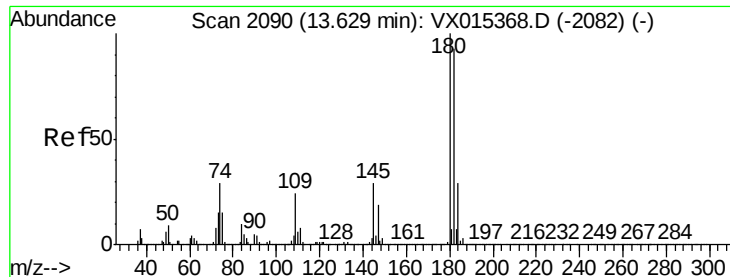
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.719 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015474.D
 Acq: 02 Apr 2020 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	84969		
155	81.7	42.8	128.4	
157	102.7	53.4	160.3	





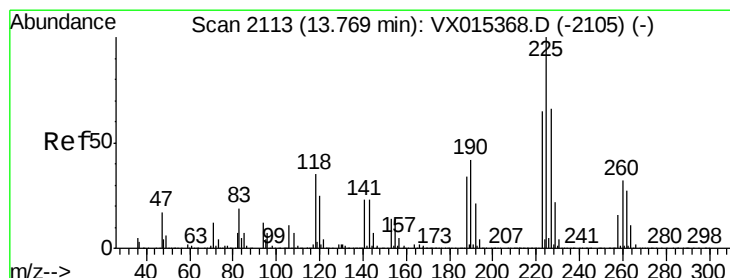
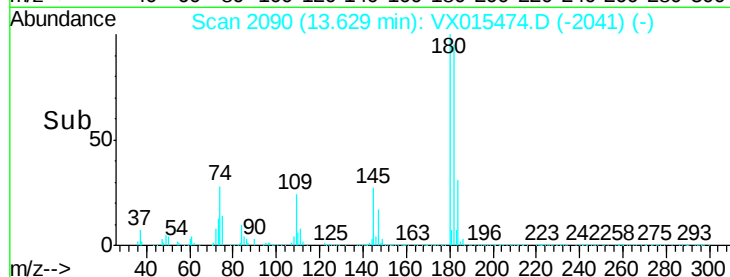
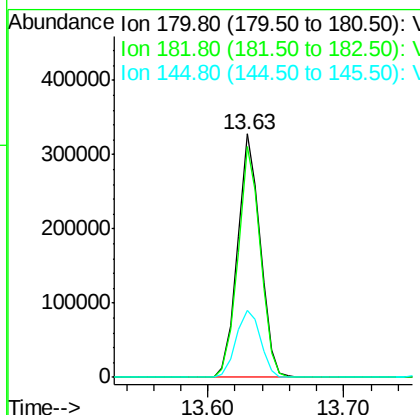
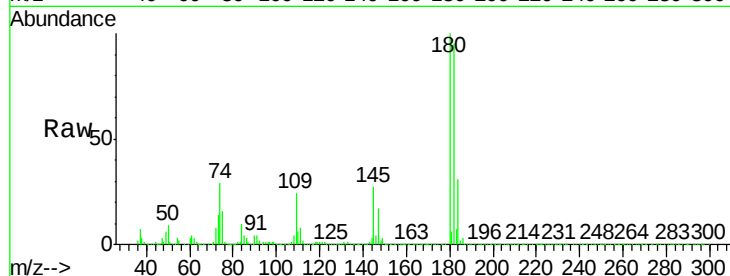
#93
 1,2,4-Trichlorobenzene
 Concen: 18.299 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015474.D
 Acq: 02 Apr 2020 12:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	377519		
182	93.8	46.9	140.7	
145	29.8	14.9	44.5	

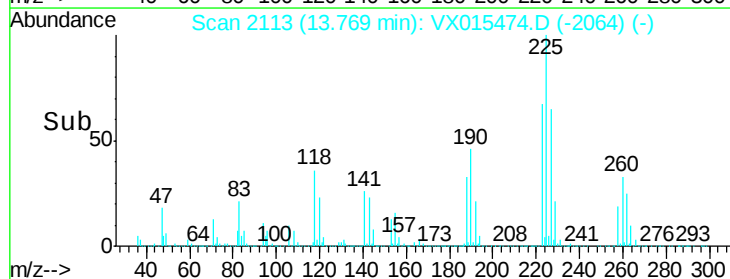
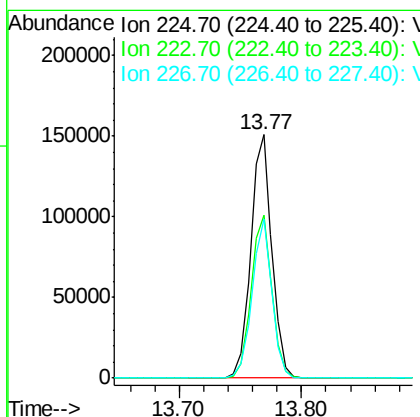
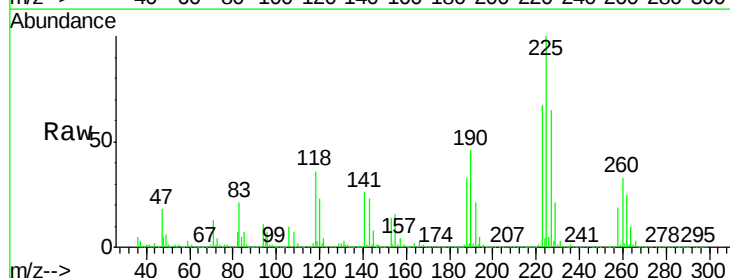
Manual Integrations
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#94
 Hexachlorobutadiene
 Concen: 18.380 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015474.D
 Acq: 02 Apr 2020 12:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	180538		
223	66.4	31.9	95.7	
227	62.1	30.4	91.3	





#95

Naphthalene

Concen: 18.457 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. -0.00 min

Lab File: VX015474.D

Acq: 02 Apr 2020 12:10

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBS01

Tot Ion:128 Resp: 1161524

Ion Ratio Lower Upper

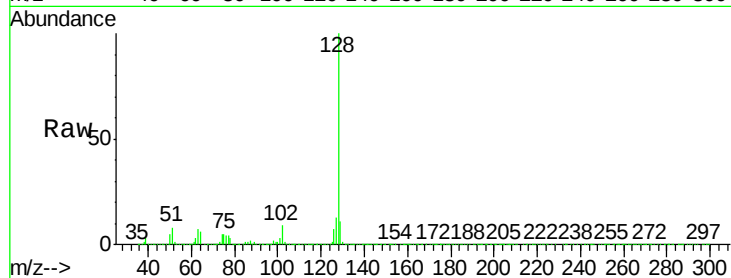
128 100

127 12.9 10.6 15.8

129 10.7 8.8 13.2

Manual Integrations
APPROVED

MMDadoda
4/3/2020 12:36:31 PM

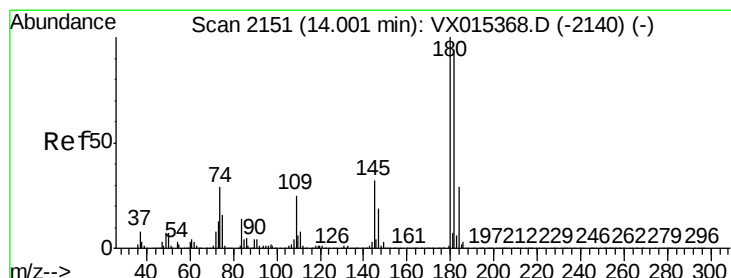
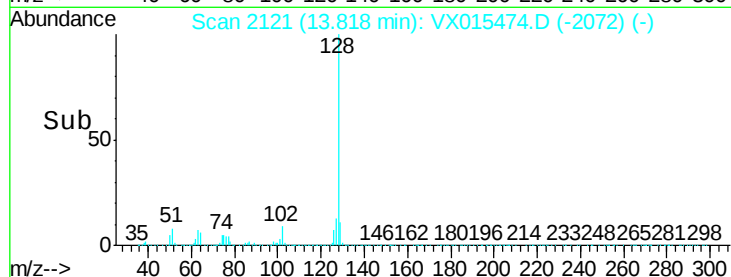
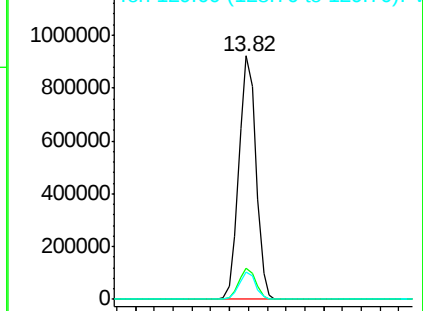


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 18.596 ug/l

RT: 14.01 min Scan# 2152

Delta R.T. 0.01 min

Lab File: VX015474.D

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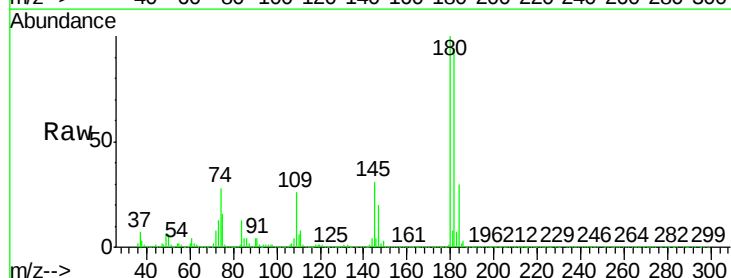
Tgt Ion:180 Resp: 369388

Ion Ratio Lower Upper

180 100

182 95.7 46.7 140.0

145 31.6 15.8 47.3



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

