

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040220\
 Data File : VX015475.D
 Acq On : 02 Apr 2020 12:43
 Operator : JC/SP
 Sample : VX0402WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/3/2020 12:36:35 PM

Quant Time: Apr 03 08:27:40 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	5.62	168	1106610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1733504	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1561464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	835332	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	765150	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
35) Dibromofluoromethane	5.47	113	555331	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
50) Toluene-d8	8.70	98	2017005	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
62) 4-Bromofluorobenzene	11.12	95	830426	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	197835	20.292	ug/l	99
3) Chloromethane	1.31	50	217635	17.529	ug/l	99
4) Vinyl Chloride	1.39	62	205016	17.983	ug/l	99
5) Bromomethane	1.63	94	135846	21.190	ug/l	98
6) Chloroethane	1.71	64	131418	18.587	ug/l	97
7) Trichlorofluoromethane	1.92	101	309117	20.218	ug/l	100
8) Diethyl Ether	2.17	74	120444	18.677	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	201510	20.218	ug/l	98
10) Methyl Iodide	2.49	142	233789	17.398	ug/l	99
11) Tert butyl alcohol	3.01	59	290695	77.814	ug/l	99
12) 1,1-Dichloroethene	2.36	96	196692	18.827	ug/l	97
13) Acrolein	2.27	56	208774	98.106	ug/l	100
14) Allyl chloride	2.70	41	449921	18.431	ug/l	97
15) Acrylonitrile	3.11	53	638513	89.624	ug/l	100
16) Acetone	2.42	43	590823	88.112	ug/l	99
17) Carbon Disulfide	2.55	76	580450	18.212	ug/l	98
18) Methyl Acetate	2.75	43	309420	18.080	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	756049	18.659	ug/l	100
20) Methylene Chloride	2.83	84	228821	18.270	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	211424	18.234	ug/l	96
22) Diisopropyl ether	3.82	45	836734	19.343	ug/l	96
23) Vinyl Acetate	3.78	43	3772753	96.329	ug/l	99
24) 1,1-Dichloroethane	3.67	63	420519	18.464	ug/l	99
25) 2-Butanone	4.63	43	929494	86.195	ug/l	97
26) 2,2-Dichloropropane	4.55	77	376371	20.133	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	243253	18.133	ug/l	94
28) Bromochloromethane	4.98	49	225126	20.703	ug/l	99
29) Tetrahydrofuran	5.09	42	604065	87.135	ug/l	99
30) Chloroform	5.17	83	411940	18.800	ug/l	95
31) Cyclohexane	5.55	56	384060	19.438	ug/l	95
32) 1,1,1-Trichloroethane	5.47	97	371065	18.712	ug/l	99
36) 1,1-Dichloropropene	5.77	75	311270	19.488	ug/l	99
37) Ethyl Acetate	4.79	43	375966	18.078	ug/l	99
38) Carbon Tetrachloride	5.75	117	327539	18.933	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	381322	20.706	ug/l	95
40) Benzene	6.11	78	880787	18.825	ug/l	98
41) Methacrylonitrile	5.00	41	213611	18.503	ug/l	99
42) 1,2-Dichloroethane	6.16	62	365583	19.453	ug/l	99
43) Isopropyl Acetate	6.41	43	642194	18.292	ug/l	99
44) Trichloroethene	7.18	130	242379	18.995	ug/l	99
45) 1,2-Dichloropropane	7.49	63	243237	19.004	ug/l	99
46) Dibromomethane	7.64	93	160540	19.121	ug/l	99
47) Bromodichloromethane	7.87	83	341388	19.082	ug/l	98
48) Methyl methacrylate	7.75	41	326577	18.623	ug/l	98
49) 1,4-Dioxane	7.72	88	111257	340.099	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1856345	93.301	ug/l	99
52) Toluene	8.76	92	560050	19.415	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	387230	18.456	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	408554	19.115	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	230275	19.485	ug/l	96
56) Ethyl methacrylate	9.16	69	383710	18.423	ug/l	100
57) 1,3-Dichloropropane	9.36	76	395455	18.572	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1001610	98.867	ug/l	99
59) 2-Hexanone	9.47	43	1372723	91.386	ug/l	100
60) Dibromochloromethane	9.56	129	263012	18.521	ug/l	97
61) 1,2-Dibromoethane	9.65	107	244604	19.035	ug/l	100
64) Tetrachloroethene	9.32	164	235879	20.017	ug/l	96
65) Chlorobenzene	10.12	112	599505	19.252	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	233336	18.756	ug/l	99
67) Ethyl Benzene	10.23	91	1096413	19.852	ug/l	100
68) m/p-Xylenes	10.34	106	819729	39.859	ug/l	98
69) o-Xylene	10.68	106	398299	19.599	ug/l	99
70) Styrene	10.70	104	689062	19.269	ug/l	99
71) Bromoform	10.84	173	205657	18.159	ug/l #	99
73) Isopropylbenzene	11.00	105	1075069	19.642	ug/l	99
74) N-amyl acetate	10.88	43	546472	17.952	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	347134	18.483	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	331063m	19.273	ug/l	
77) Bromobenzene	11.24	156	276972	18.972	ug/l	98
78) n-propylbenzene	11.34	91	1232291	19.690	ug/l	100
79) 2-Chlorotoluene	11.40	91	742941	19.368	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	919257	19.666	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	126215	17.630	ug/l	97
82) 4-Chlorotoluene	11.49	91	890311	19.798	ug/l	99
83) tert-Butylbenzene	11.76	119	885215	19.388	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	917214	19.256	ug/l	100
85) sec-Butylbenzene	11.93	105	1038765	19.672	ug/l	100
86) p-Isopropyltoluene	12.05	119	979807	19.987	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	491967	18.824	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	500994	18.819	ug/l	98
89) n-Butylbenzene	12.37	91	899415	20.303	ug/l	100
90) Hexachloroethane	12.58	117	175638	18.408	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	486627	19.026	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	87486	16.504	ug/l	95

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ClientSampleId :
VX0402WBSD01

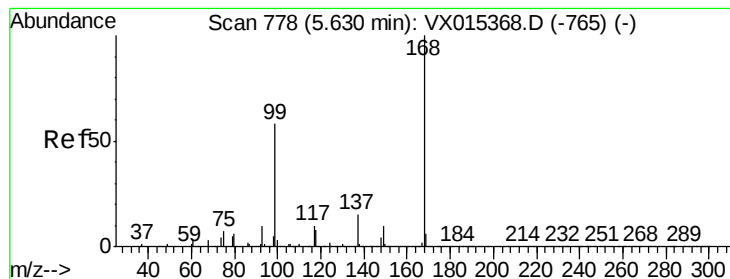
Manual Integrations
APPROVED

MMDadoda
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	364708	18.027	ug/l	97
94) Hexachlorobutadiene	13.77	225	175058	18.174	ug/l	99
95) Naphthalene	13.82	128	1134827	18.389	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	362207	18.595	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 777

Delta R.T. -0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

Tot Ion:168 Resp: 1106610

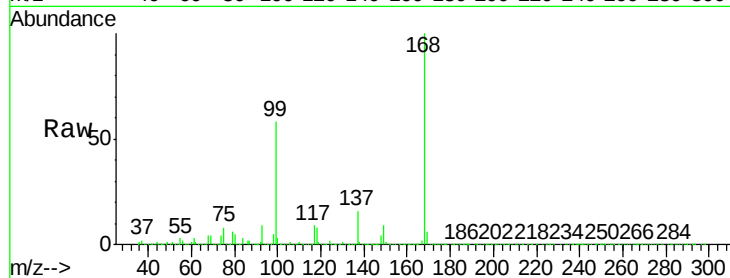
Ion Ratio Lower Upper

168 100

99 57.6 46.4 69.6

Manual Integrations
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4/3/2020 12:36:35 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

400000

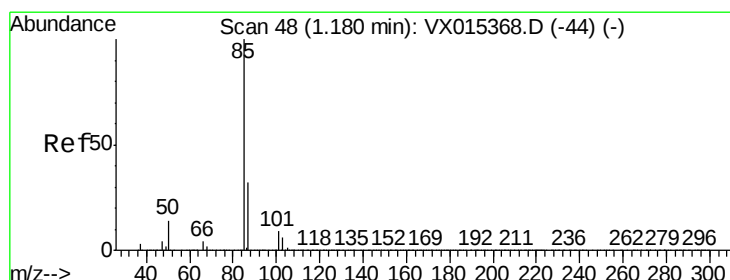
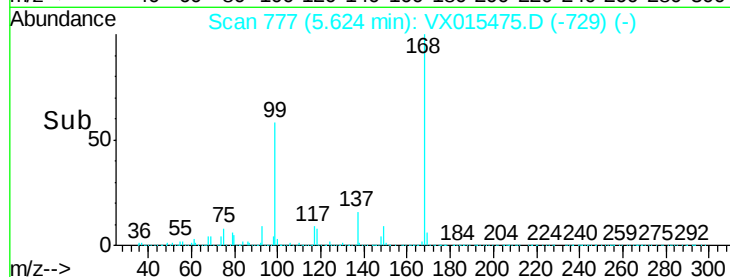
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.292 ug/l

RT: 1.18 min Scan# 48

Delta R.T. 0.00 min

Lab File: VX015475.D

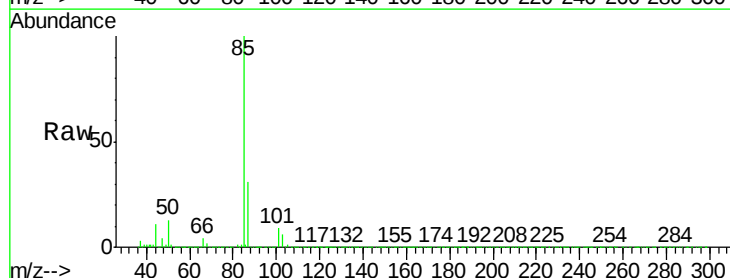
Acq: 02 Apr 2020 12:43

Tgt Ion: 85 Resp: 197835

Ion Ratio Lower Upper

85 100

87 31.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

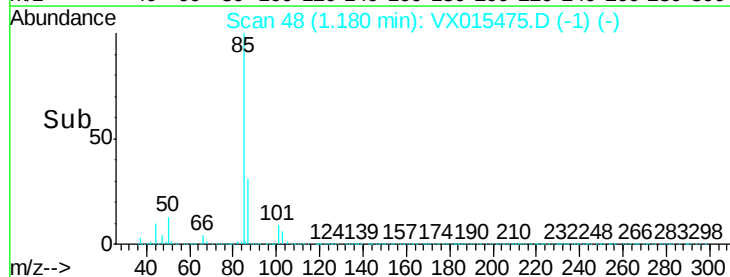
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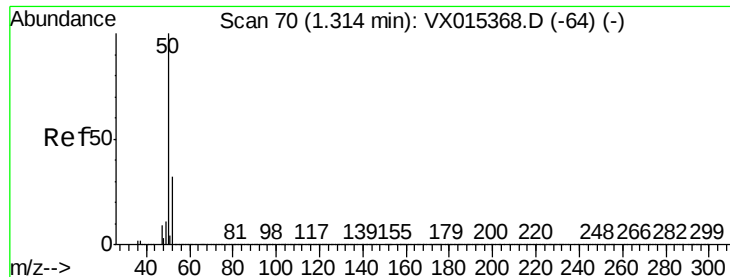
100000

50000

0

Time-->





#3

Chloromethane

Concen: 17.529 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

Tot Ion: 50 Resp: 217635

Ion Ratio Lower Upper

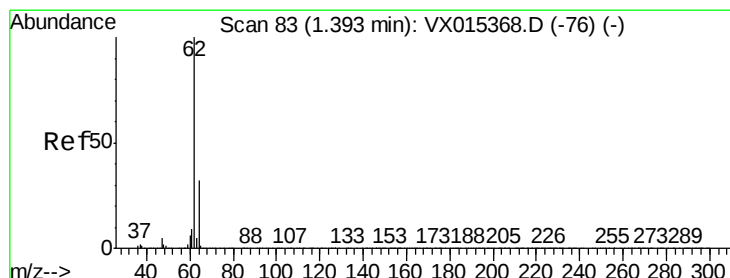
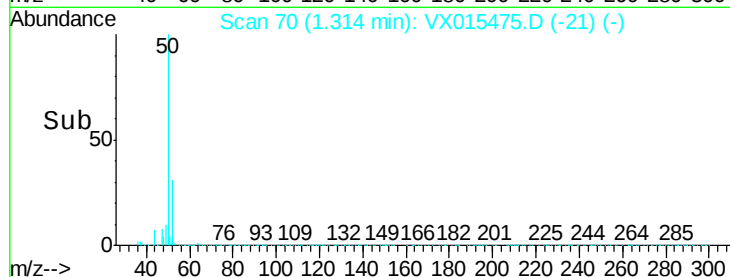
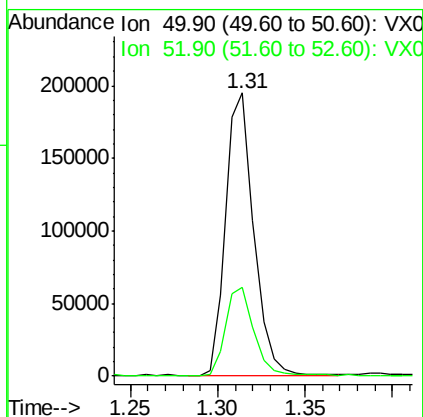
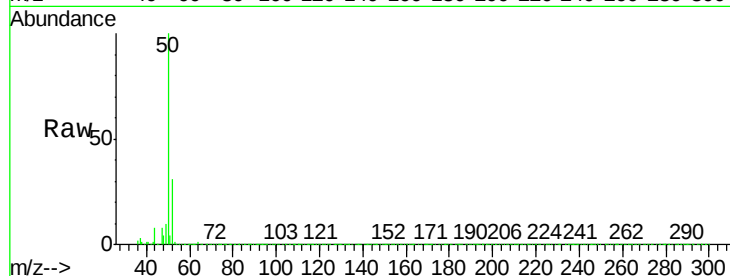
50 100

52 31.1 25.3 37.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 17.983 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015475.D

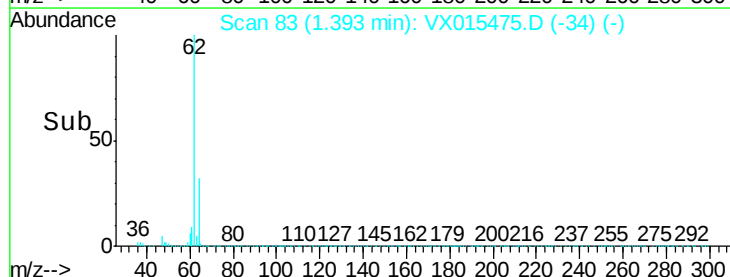
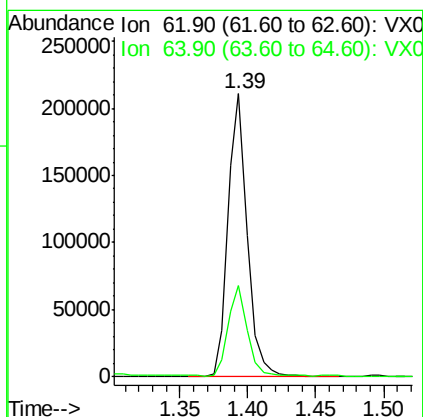
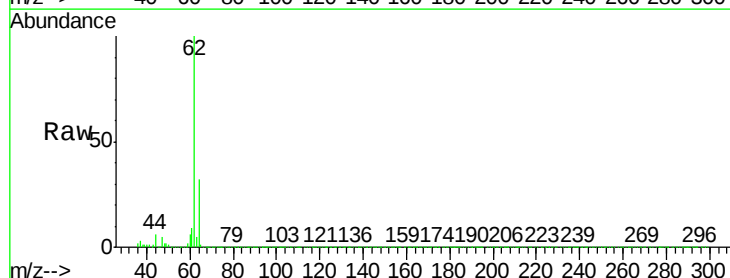
Acq: 02 Apr 2020 12:43

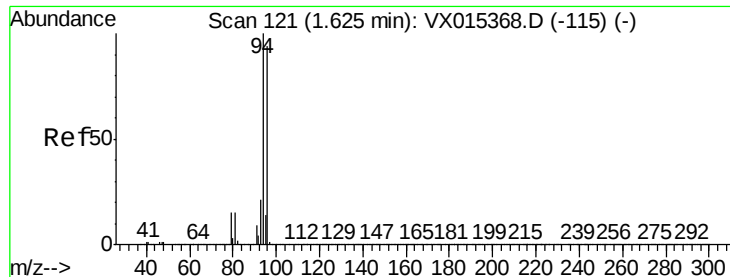
Tgt Ion: 62 Resp: 205016

Ion Ratio Lower Upper

62 100

64 31.8 26.0 39.0





#5

Bromomethane

Concen: 21.190 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

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ClientSampleId :

VX0402WBSD01

Tot Ion: 94 Resp: 135846

Ion Ratio Lower Upper

94 100

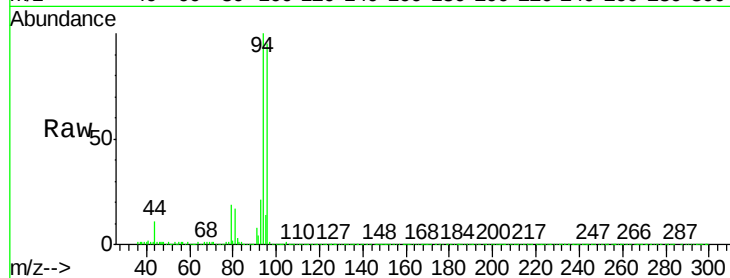
96 95.4 74.8 112.2

Manual Integrations

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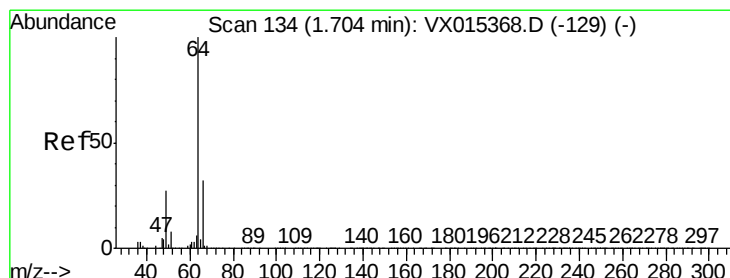
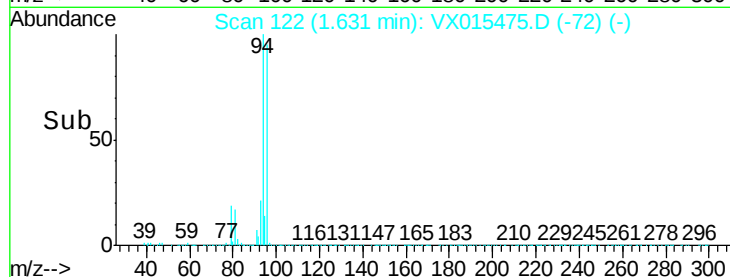
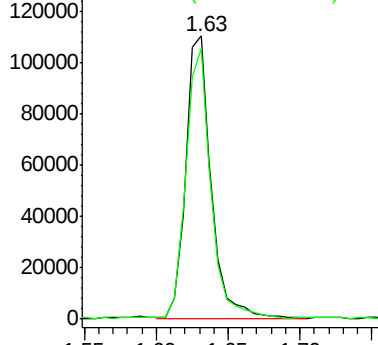
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.587 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015475.D

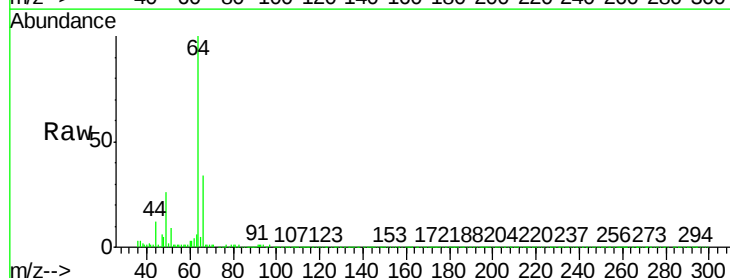
Acq: 02 Apr 2020 12:43

Tgt Ion: 64 Resp: 131418

Ion Ratio Lower Upper

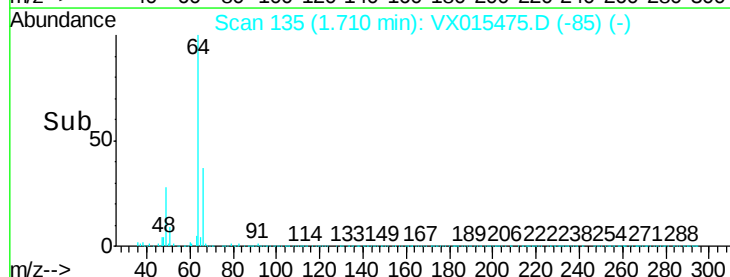
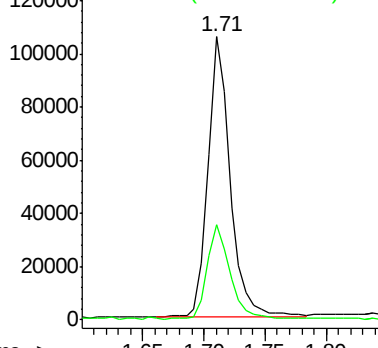
64 100

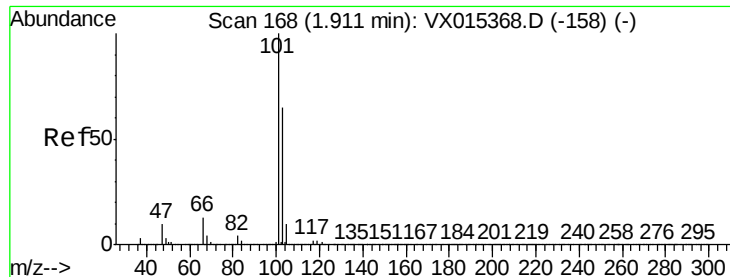
66 33.5 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

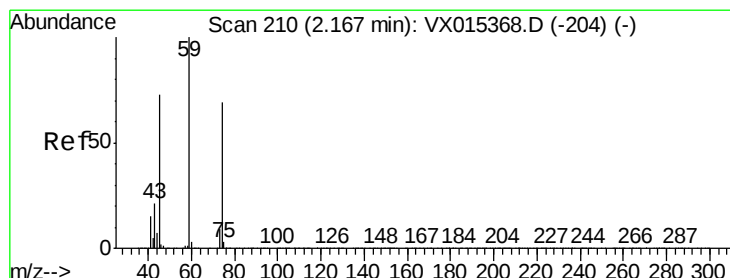
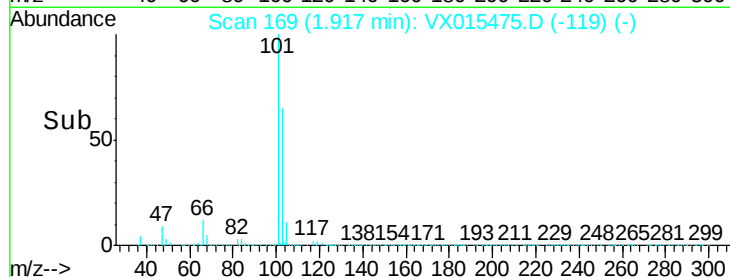
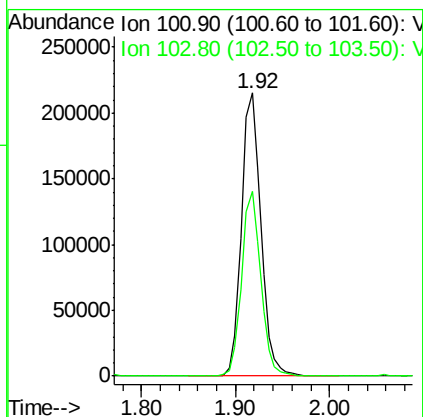
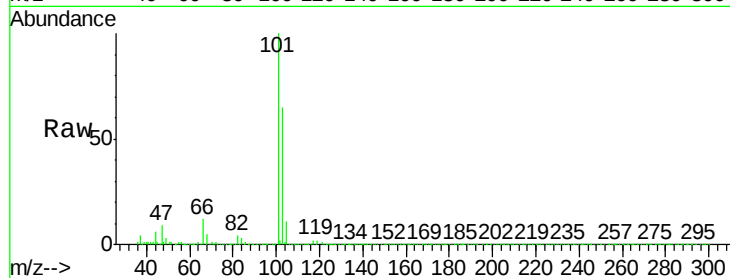
Trichlorofluoromethane
Concen: 20.218 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	52.3	78.5

Manual Integrations
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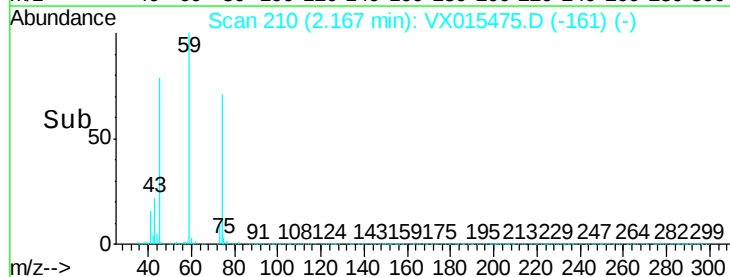
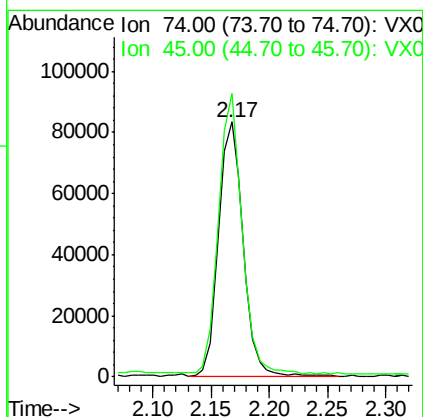
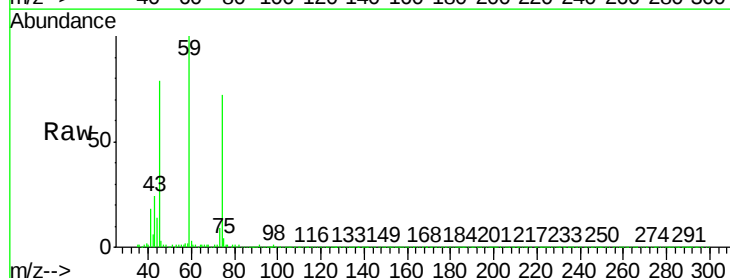
MMDadoda
4/3/2020 12:36:35 PM

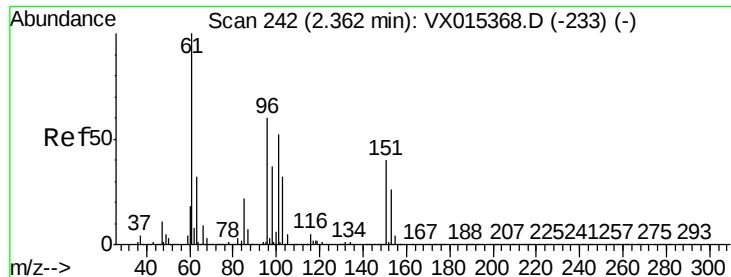


#8

Diethyl Ether
Concen: 18.677 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.6	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.218 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

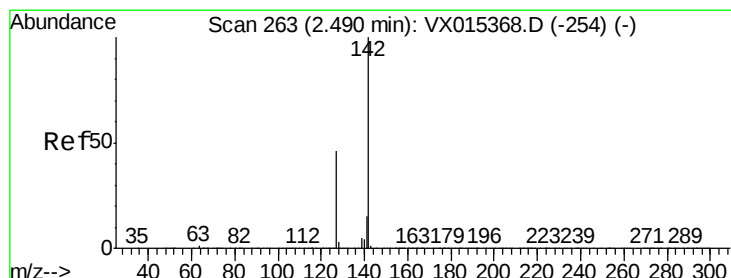
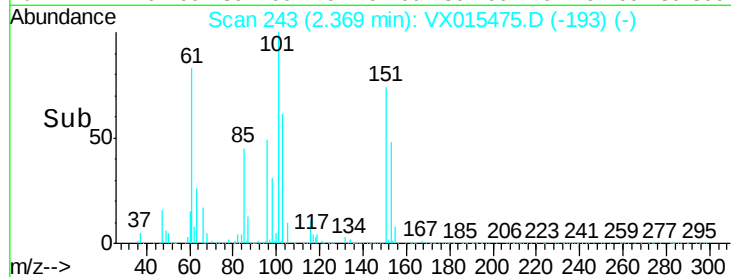
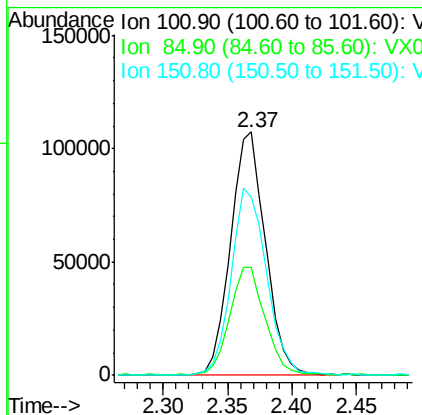
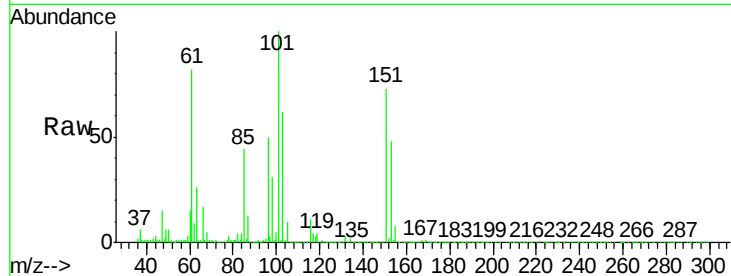
ClientSampleId :

VX0402WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	201510		
85	44.8	35.0	52.4	
151	78.4	64.1	96.1	

Manual Integrations
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MMDadoda
4/3/2020 12:36:35 PM



#10

Methyl Iodide

Concen: 17.398 ug/l

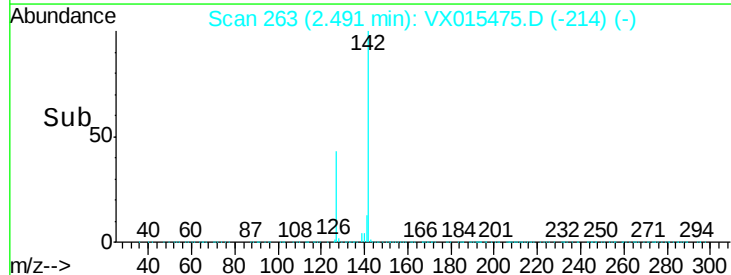
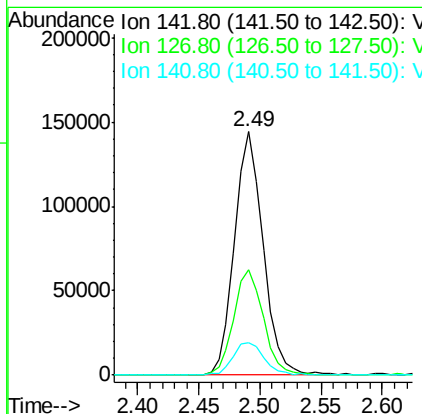
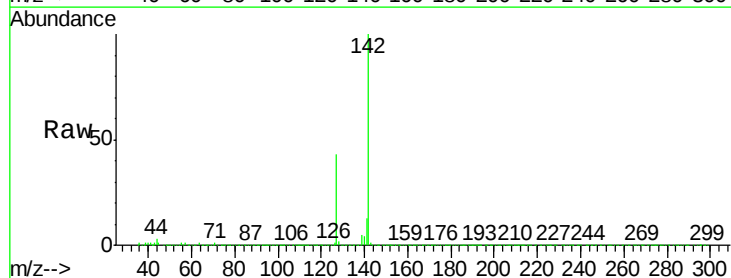
RT: 2.49 min Scan# 263

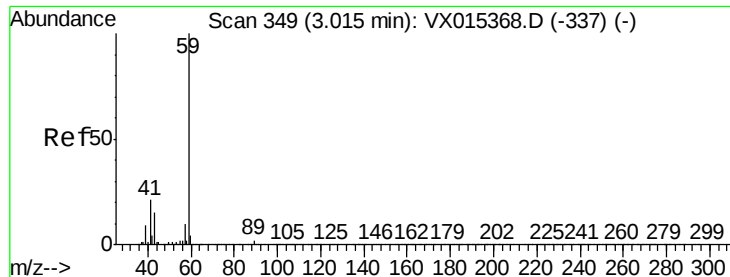
Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	233789		
127	44.3	35.9	53.9	
141	14.8	11.6	17.4	





#11

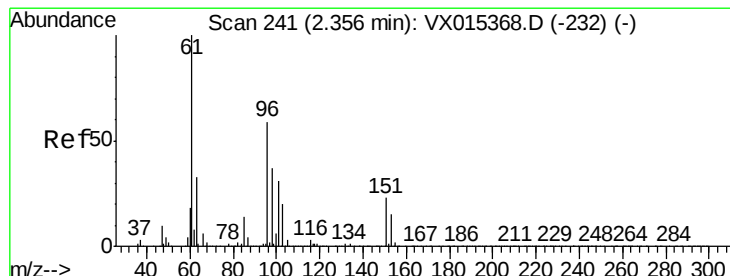
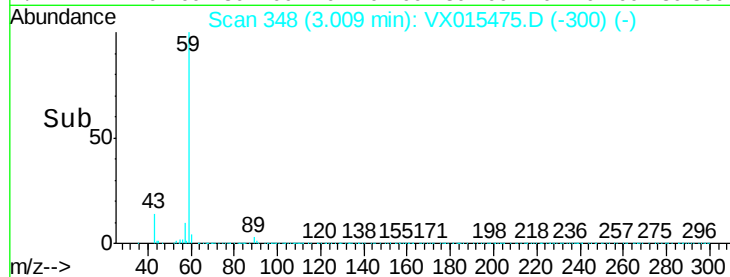
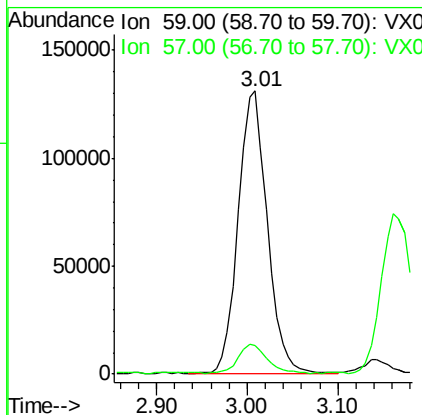
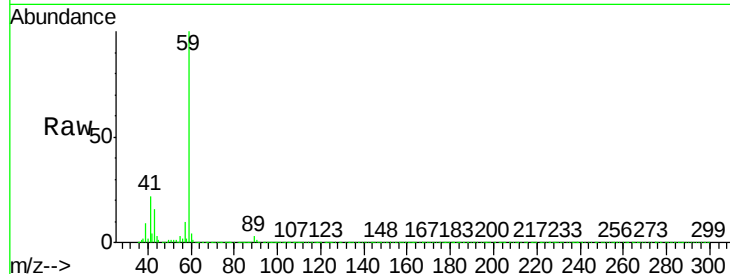
Tert butyl alcohol
Concen: 77.814 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	290695		
57	10.4		8.1	12.1

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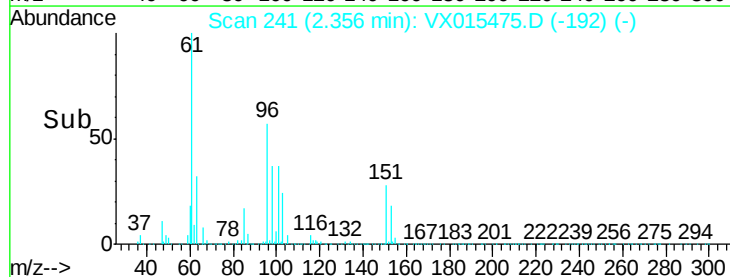
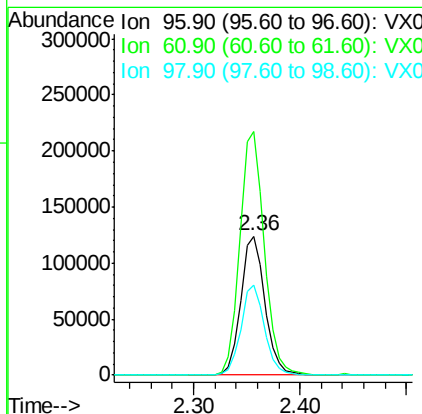
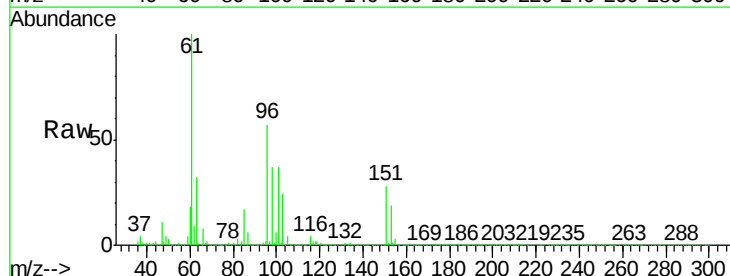
MMDadoda
4/3/2020 12:36:35 PM

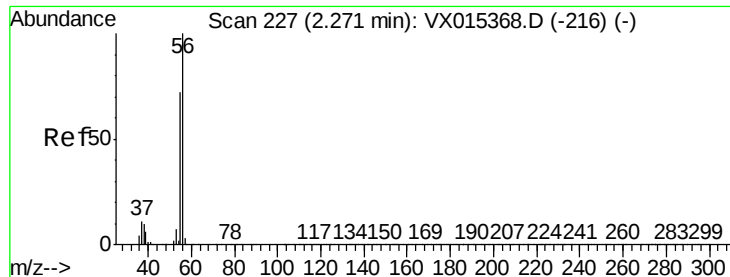


#12

1,1-Dichloroethene
Concen: 18.827 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	196692		
61	174.9		135.7	203.5
98	64.5		50.6	75.8





#13

Acrolein

Concen: 98.106 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

Tot Ion: 56 Resp: 208774

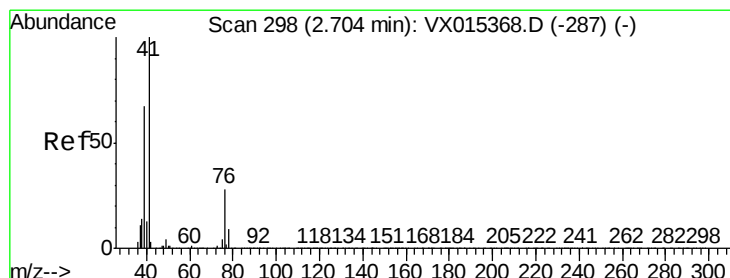
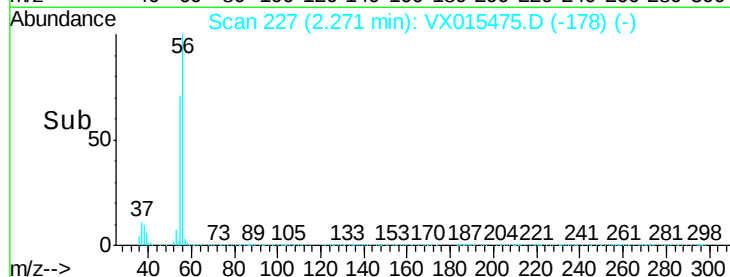
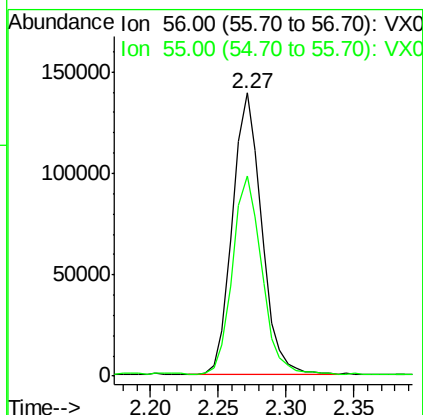
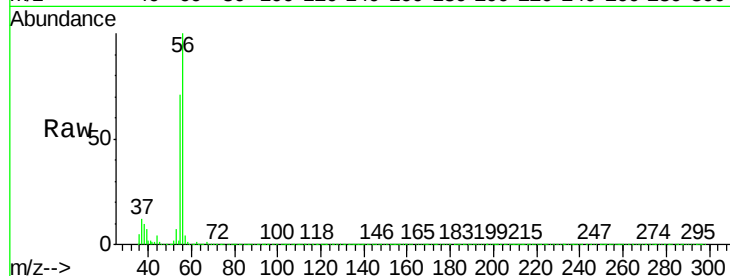
Ion Ratio Lower Upper

56 100

55 71.0 57.0 85.4

Manual Integrations
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4/3/2020 12:36:35 PM



#14

Allyl chloride

Concen: 18.431 ug/l

RT: 2.70 min Scan# 298

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

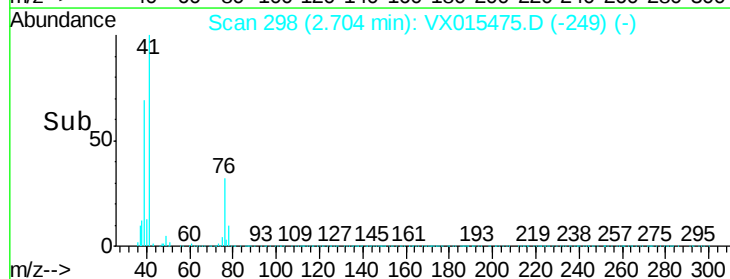
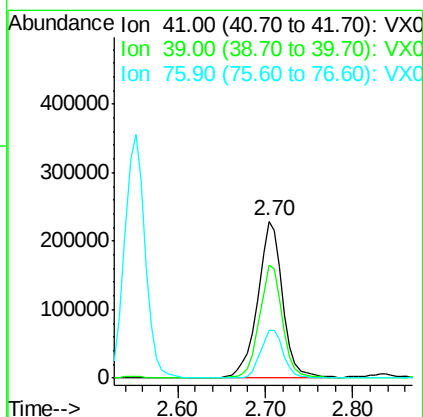
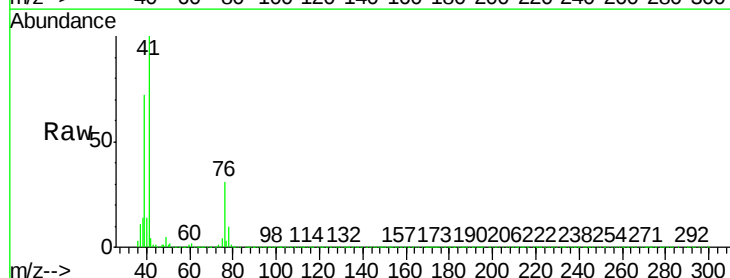
Tgt Ion: 41 Resp: 449921

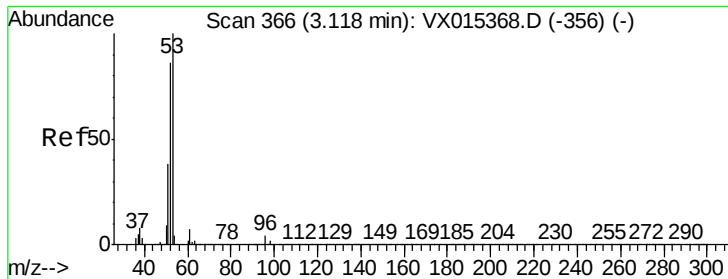
Ion Ratio Lower Upper

41 100

39 66.6 51.4 77.0

76 28.4 21.8 32.8





#15

Acrylonitrile

Concen: 89.624 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

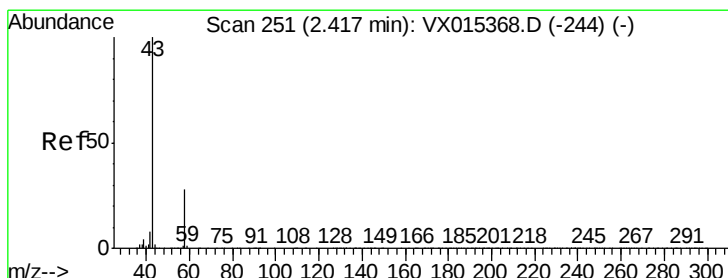
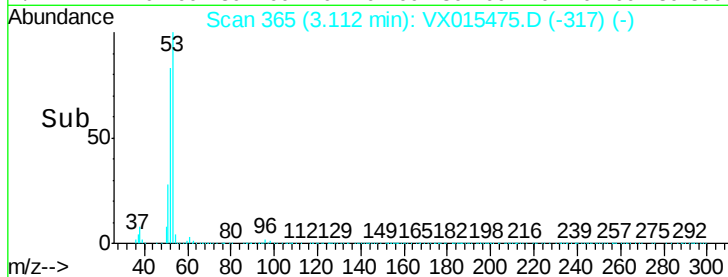
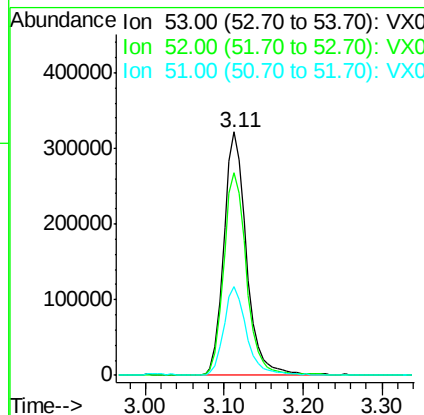
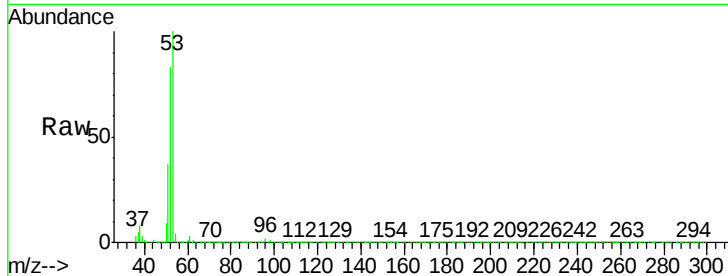
ClientSampleId :

VX0402WBSD01

Tot Ion:	53	Resp:	638513
Ion Ratio		Lower	Upper
53	100		
52	83.7	66.8	100.2
51	36.6	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 88.112 ug/l

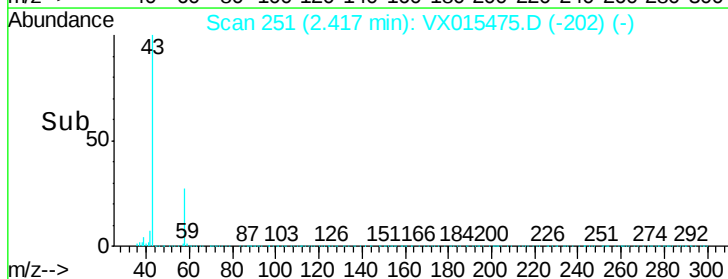
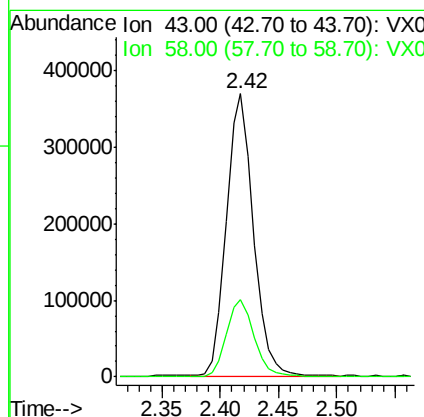
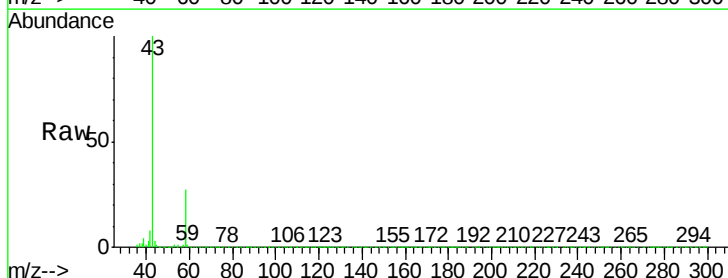
RT: 2.42 min Scan# 251

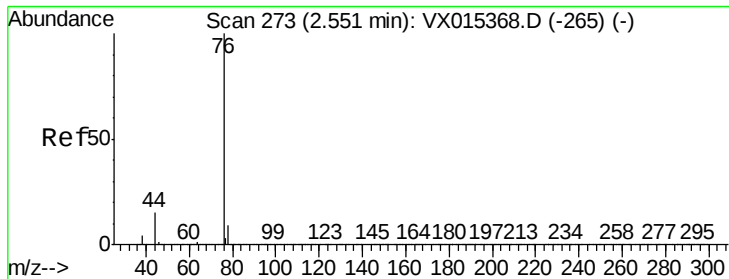
Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Tgt Ion:	43	Resp:	590823
Ion Ratio		Lower	Upper
43	100		
58	27.3	22.1	33.1





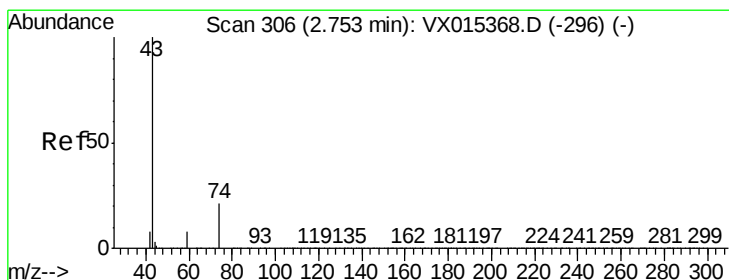
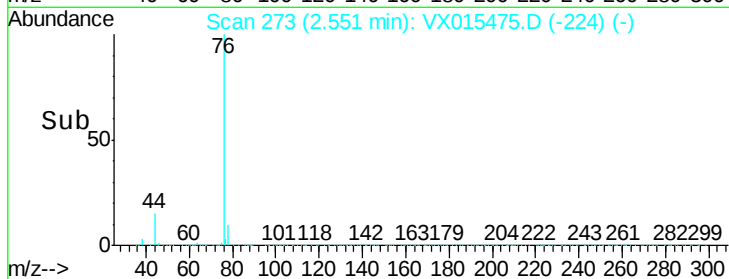
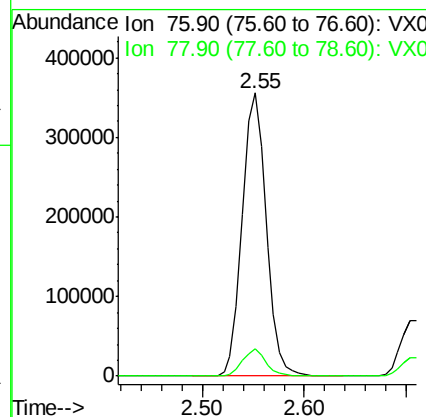
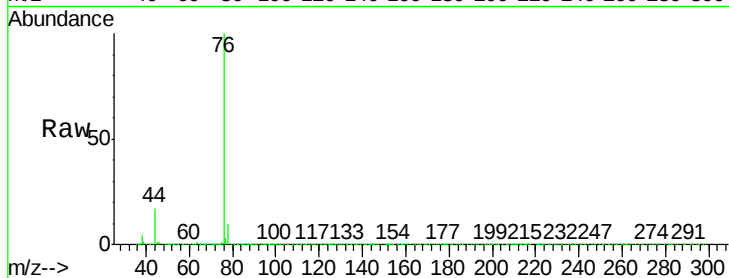
#17
Carbon Disulfide
Concen: 18.212 ug/l
RT: 2.55 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.6	7.1	10.7

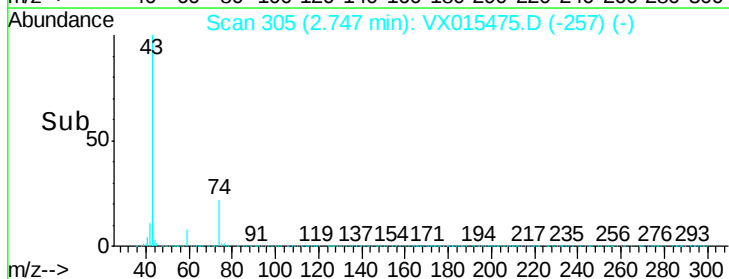
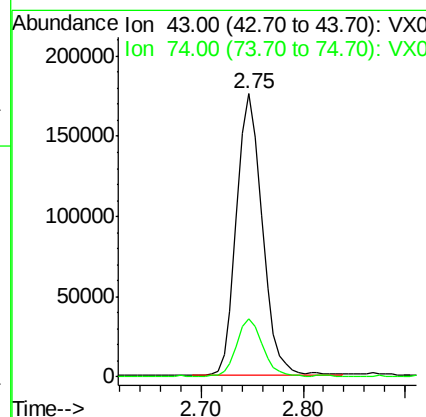
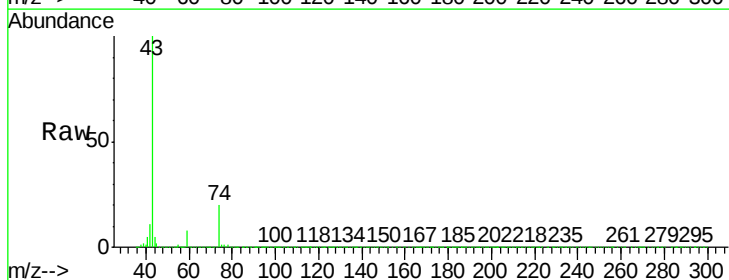
Manual Integrations
APPROVED

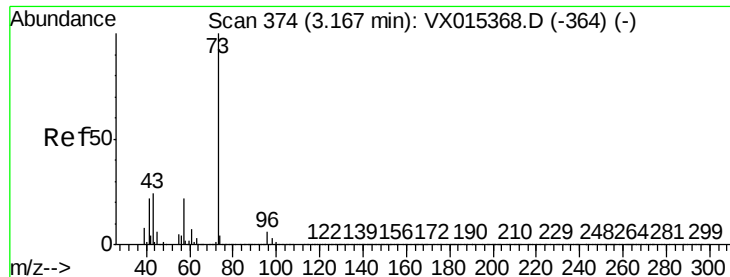
MMDadoda
4/3/2020 12:36:35 PM



#18
Methyl Acetate
Concen: 18.080 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.1	16.5	24.7





#19

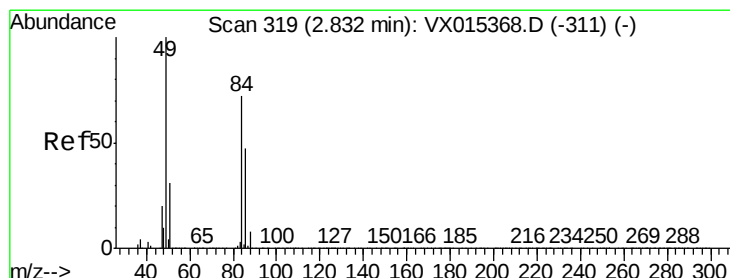
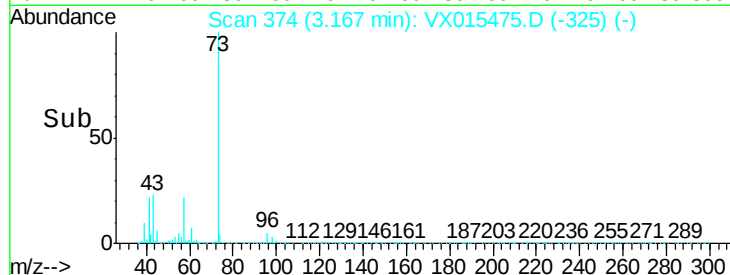
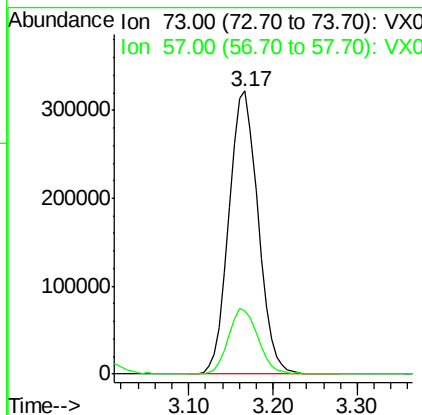
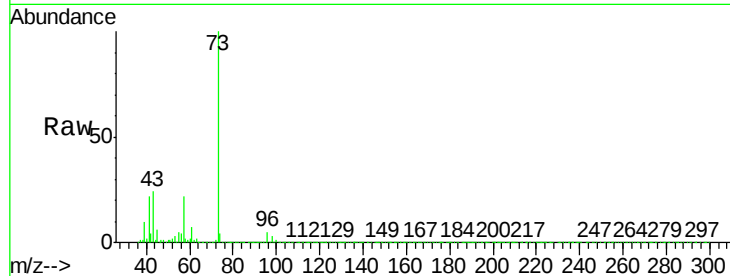
Methyl tert-butyl Ether
 Concen: 18.659 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. 0.00 min
 Lab File: VX015475.D
 Acq: 02 Apr 2020 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.3	17.9	26.9

Manual Integrations
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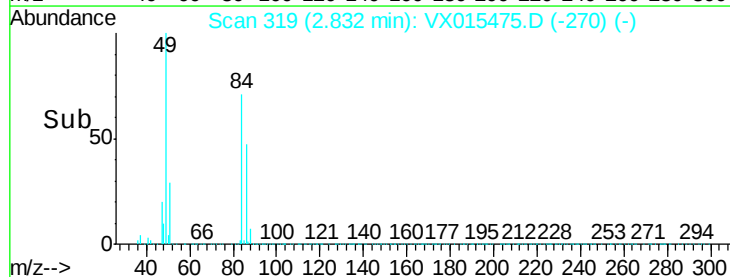
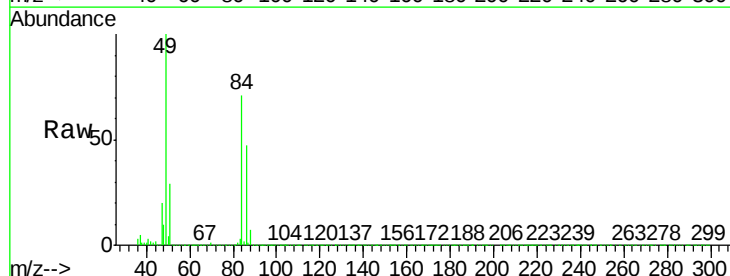
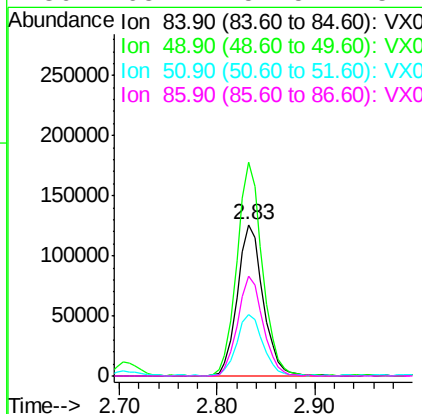
MMDadoda
 4/3/2020 12:36:35 PM

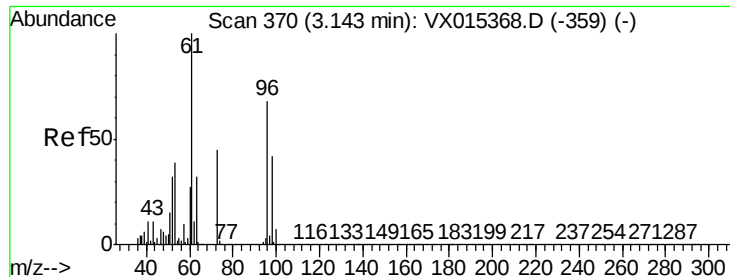


#20

Methylene Chloride
 Concen: 18.270 ug/l
 RT: 2.83 min Scan# 319
 Delta R.T. 0.00 min
 Lab File: VX015475.D
 Acq: 02 Apr 2020 12:43

Tgt Ion	Ratio	Lower	Upper
84	100		
49	140.9	111.3	166.9
51	40.4	34.0	51.0
86	65.7	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 18.234 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

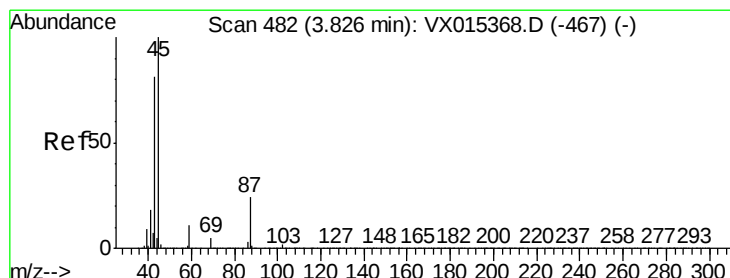
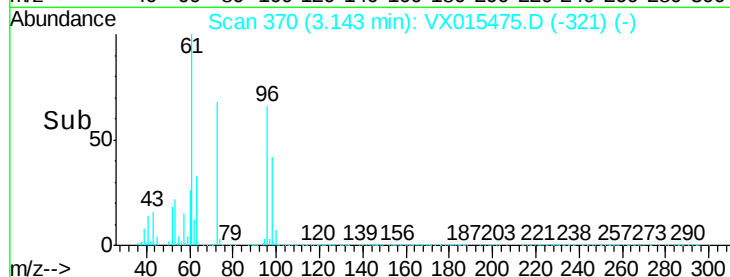
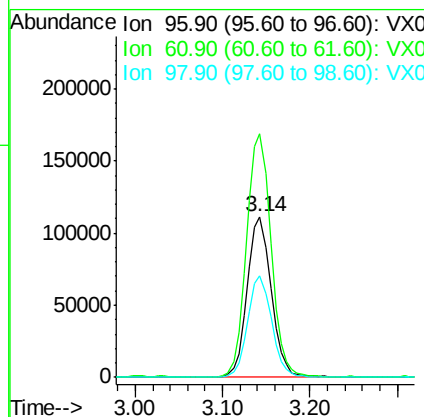
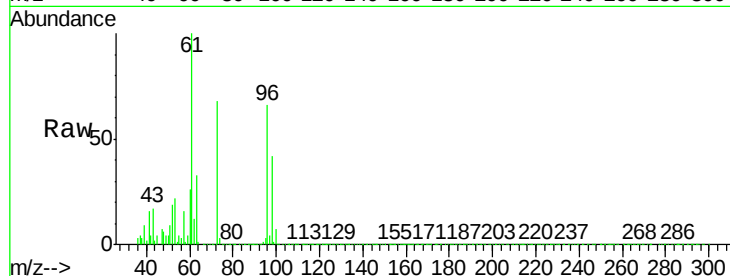
ClientSampleId :

VX0402WBSD01

Tot Ion:	96	Resp:	211424
Ion	Ratio	Lower	Upper
96	100		
61	151.3	116.9	175.3
98	63.0	48.6	73.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 19.343 ug/l

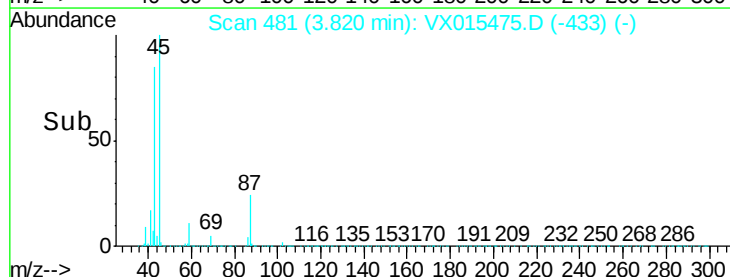
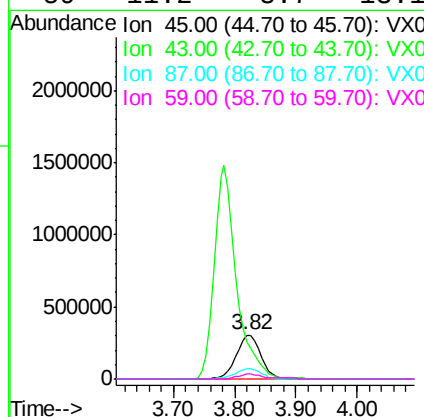
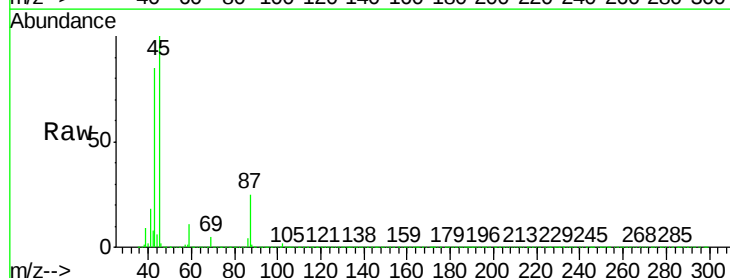
RT: 3.82 min Scan# 481

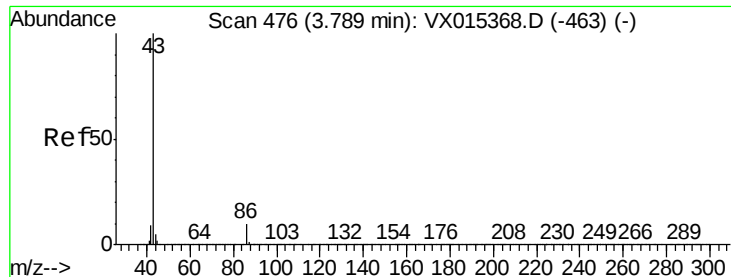
Delta R.T. -0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Tgt Ion:	45	Resp:	836734
Ion	Ratio	Lower	Upper
45	100		
43	85.2	64.7	97.1
87	24.5	19.4	29.0
59	11.2	8.7	13.1





#23

Vinyl Acetate

Concen: 96.329 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

Tot Ion: 43 Resp: 3772753

Ion Ratio Lower Upper

43 100

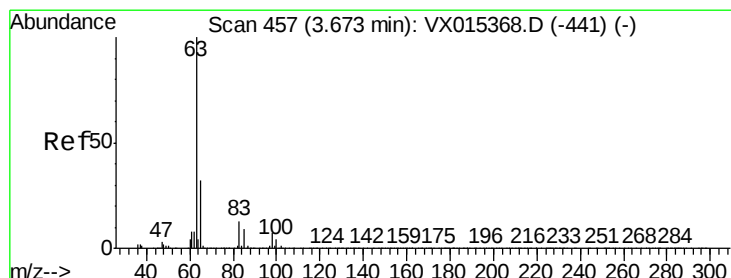
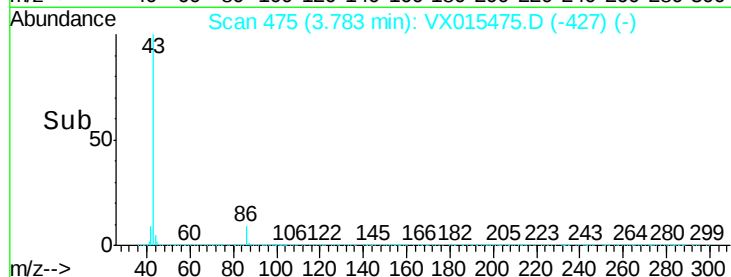
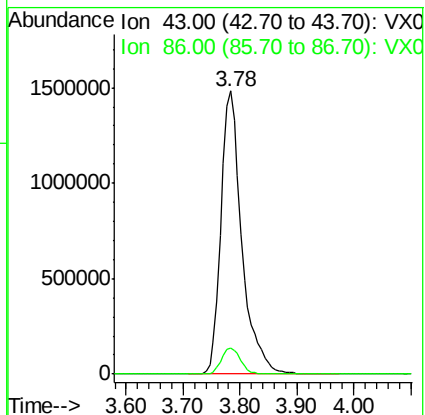
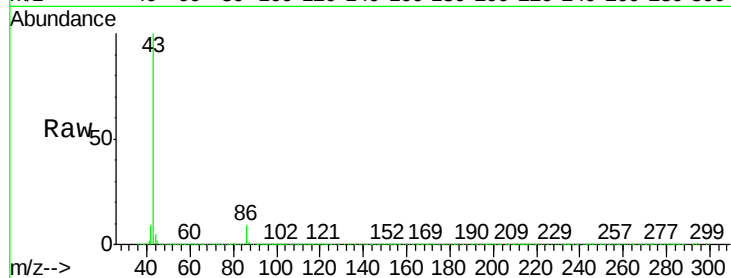
86 9.2 7.8 11.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.464 ug/l

RT: 3.67 min Scan# 456

Delta R.T. -0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

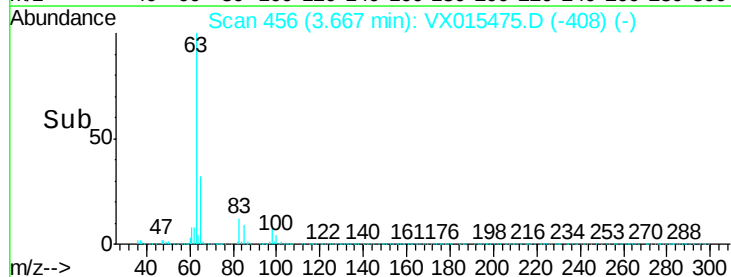
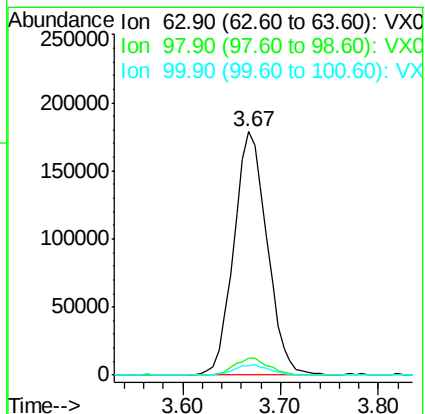
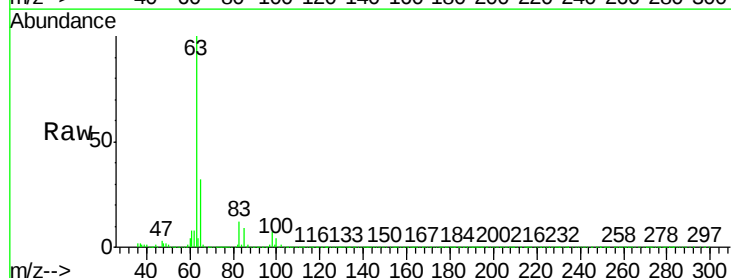
Tgt Ion: 63 Resp: 420519

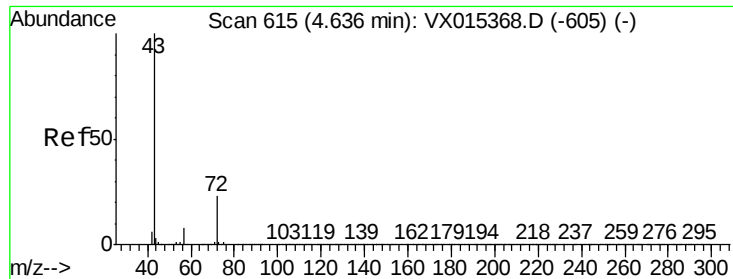
Ion Ratio Lower Upper

63 100

98 7.1 3.3 9.8

100 3.9 2.1 6.5





#25

2-Butanone

Concen: 86.195 ug/l

RT: 4.63 min Scan# 614

Delta R.T. -0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Tot Ion: 43 Resp: 929494

Ion Ratio Lower Upper

43 100

72 22.4 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

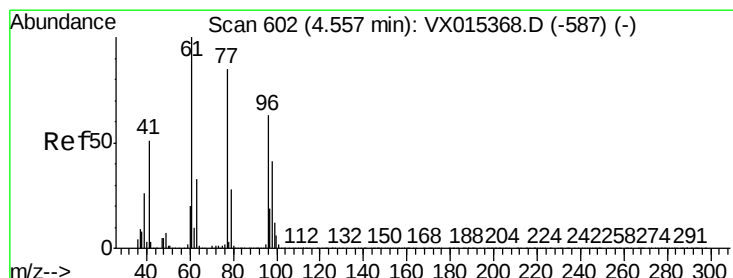
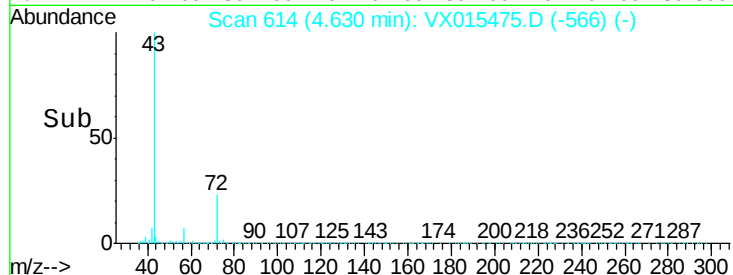
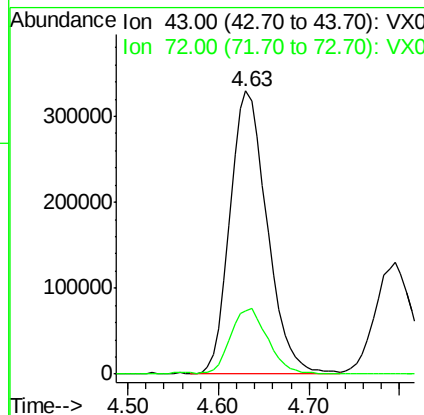
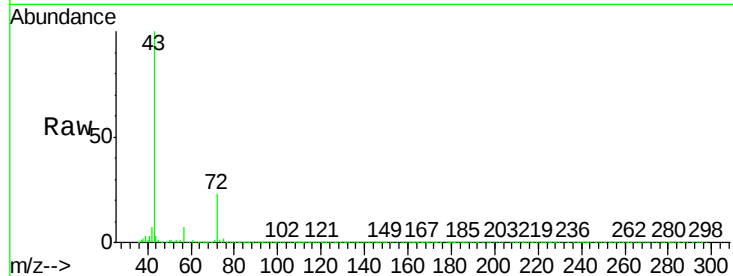
VX0402WBSD01

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 20.133 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015475.D

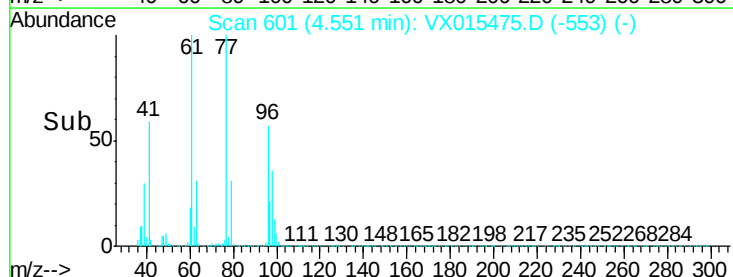
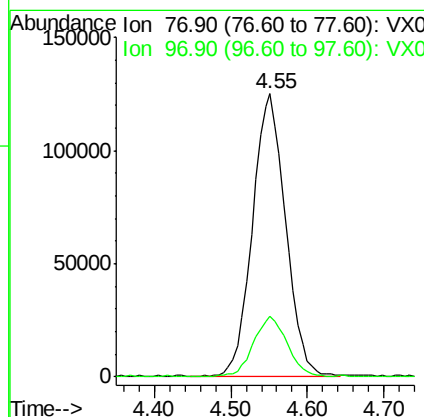
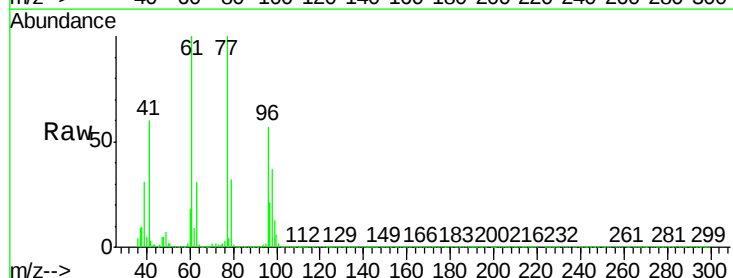
Acq: 02 Apr 2020 12:43

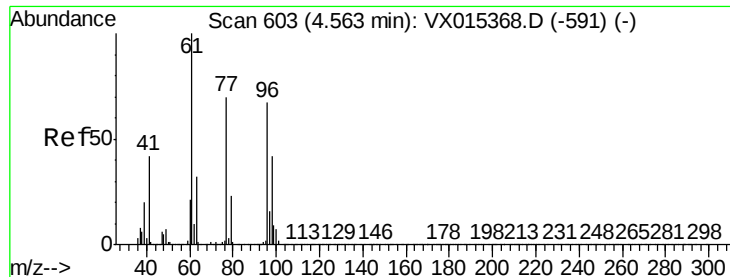
Tgt Ion: 77 Resp: 376371

Ion Ratio Lower Upper

77 100

97 21.5 11.3 33.8





#27

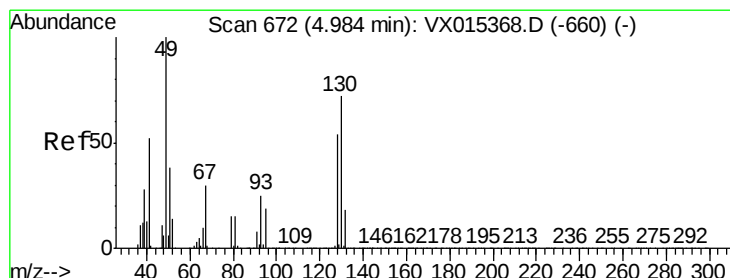
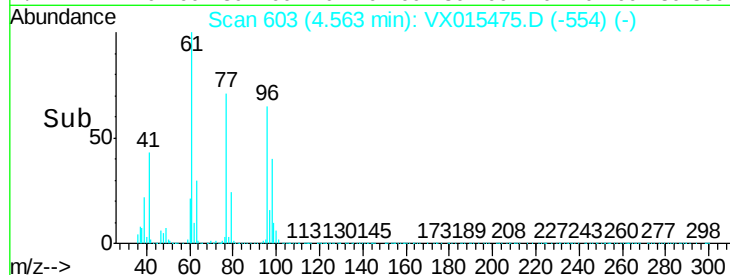
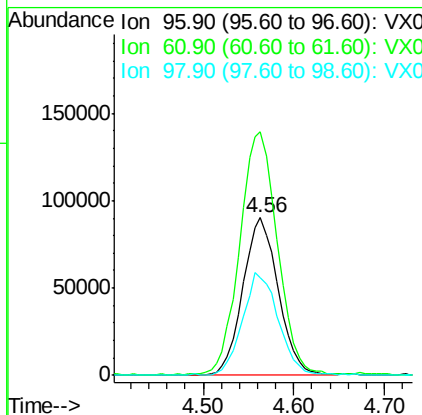
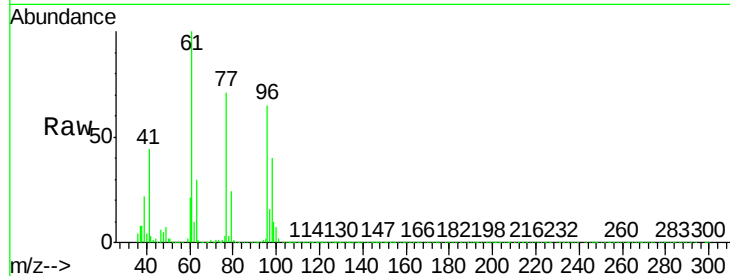
cis-1,2-Dichloroethene
Concen: 18.133 ug/l
RT: 4.56 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	243253		
61	164.2	0.0	308.4	
98	65.3	0.0	129.2	

Manual Integrations
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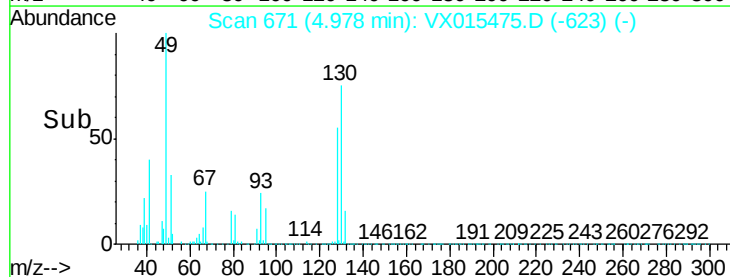
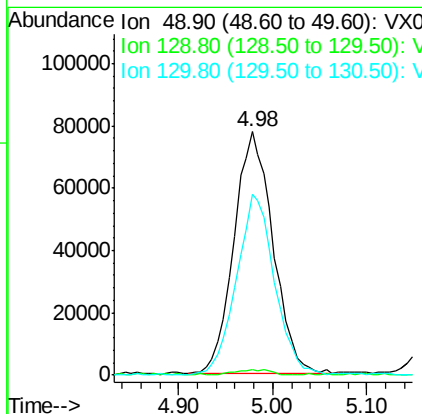
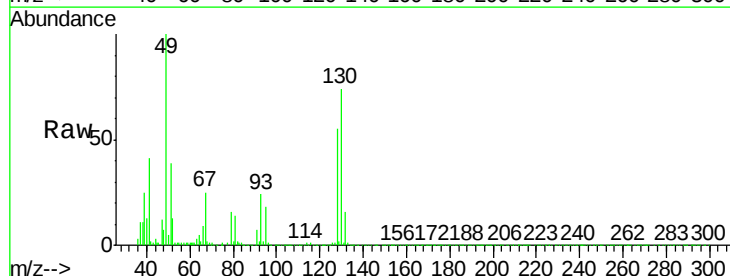
MMDadoda
4/3/2020 12:36:35 PM

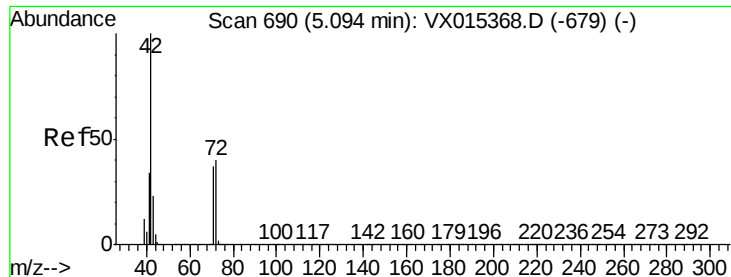


#28

Bromochloromethane
Concen: 20.703 ug/l
RT: 4.98 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	225126		
129	2.0	0.0	4.4	
130	72.7	57.7	86.5	





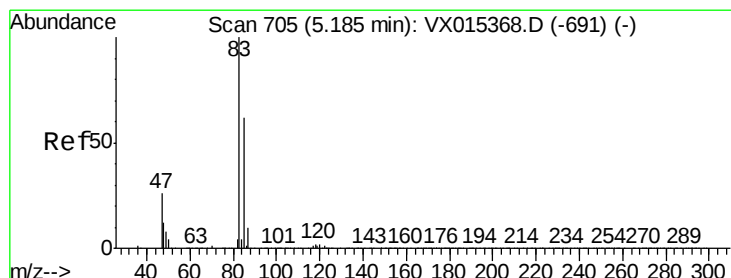
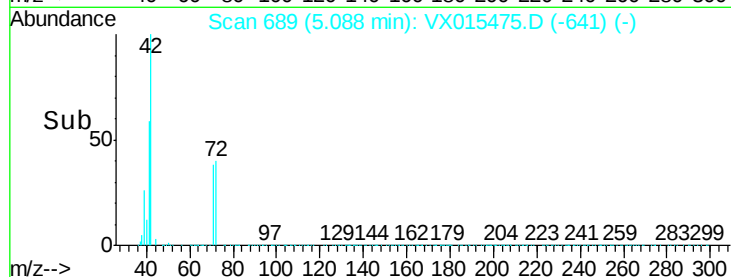
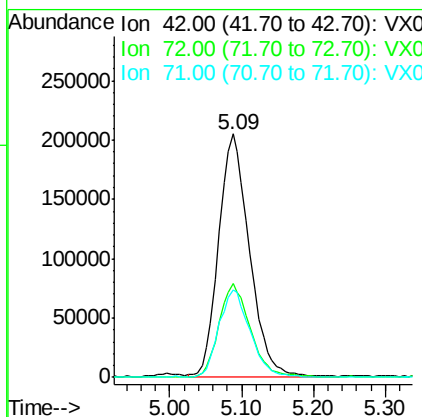
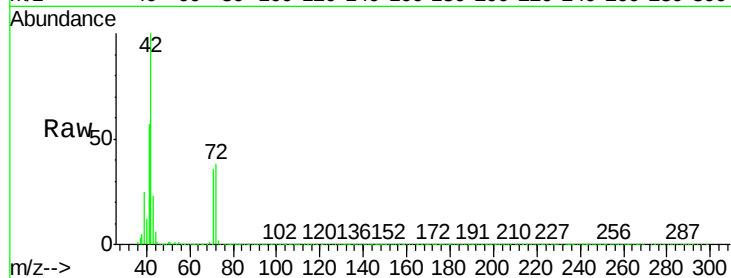
#29
Tetrahydrofuran
Concen: 87.135 ug/l
RT: 5.09 min Scan# 689
Delta R.T. -0.01 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.5	31.7	47.5
71	36.3	29.6	44.4

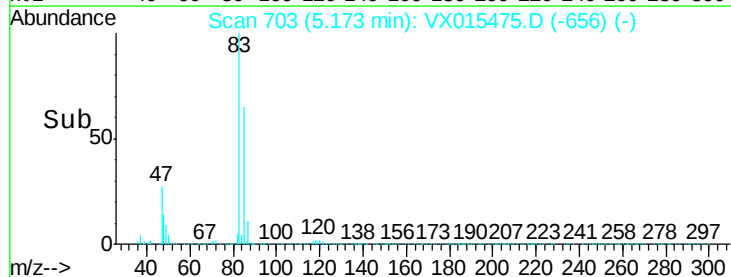
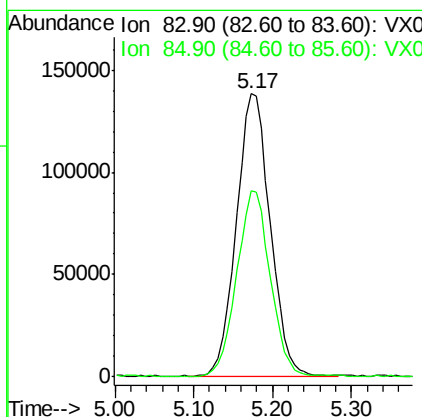
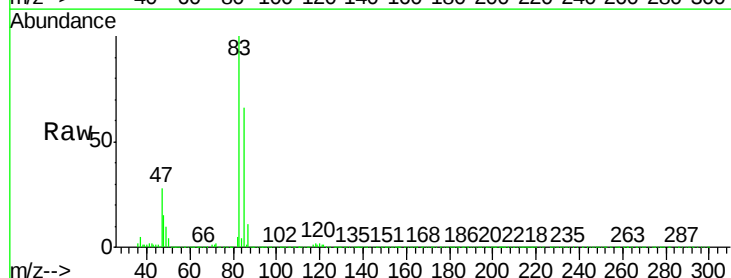
Manual Integrations
APPROVED

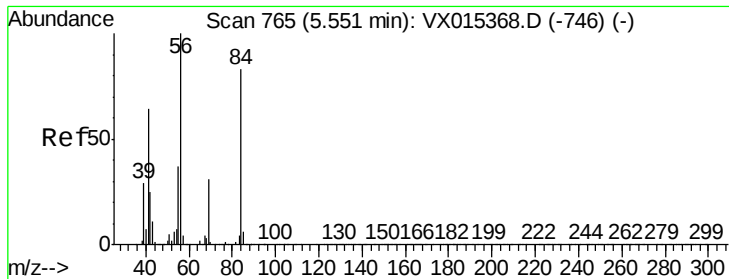
MMDadoda
4/3/2020 12:36:35 PM



#30
Chloroform
Concen: 18.800 ug/l
RT: 5.17 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	49.5	74.3





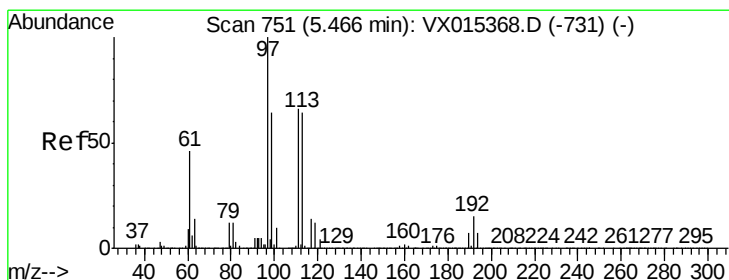
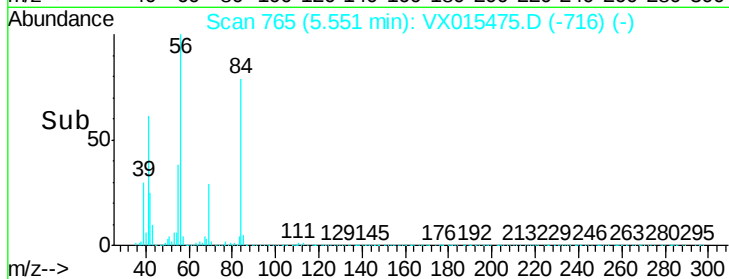
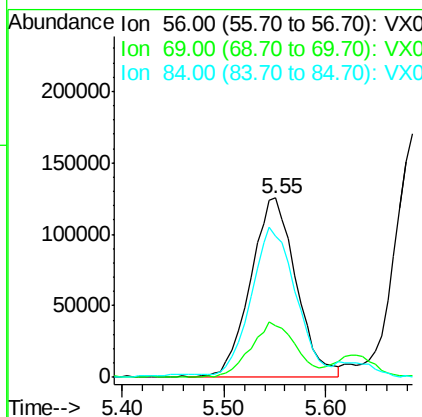
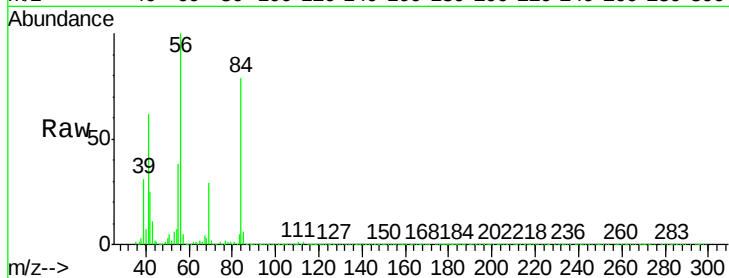
#31
Cyclohexane
Concen: 19.438 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.8	24.6	36.8
84	77.9	66.1	99.1

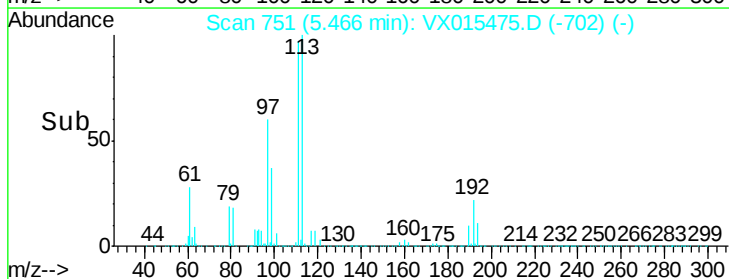
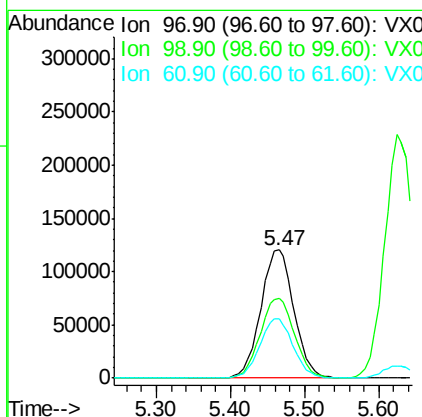
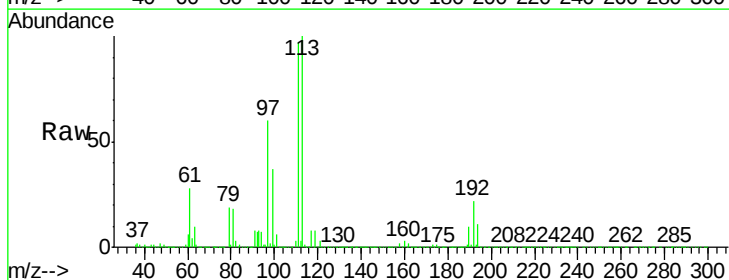
Manual Integrations
APPROVED

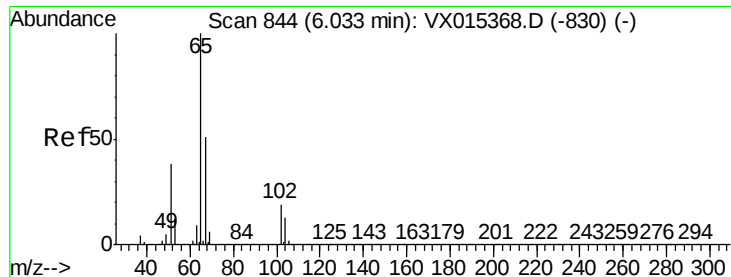
MMDadoda
4/3/2020 12:36:35 PM



#32
1,1,1-Trichloroethane
Concen: 18.712 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.0	76.4
61	46.4	36.1	54.1





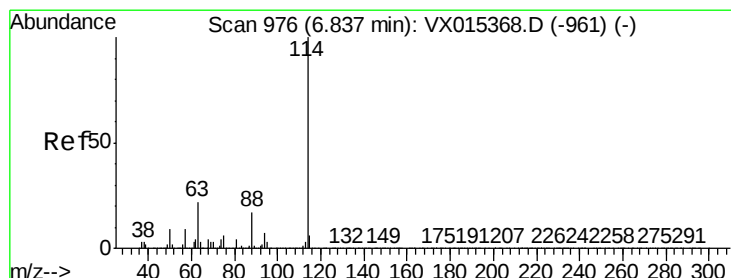
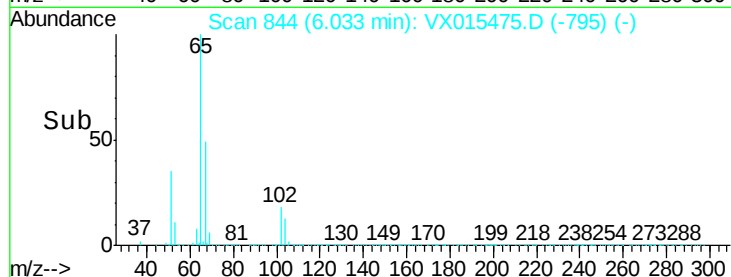
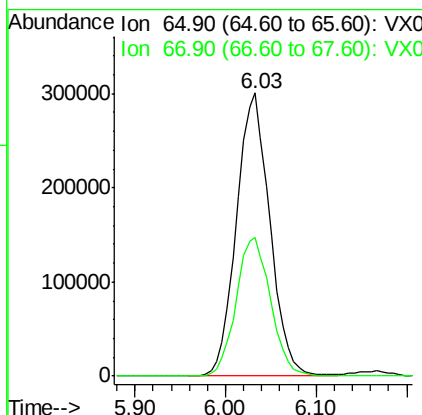
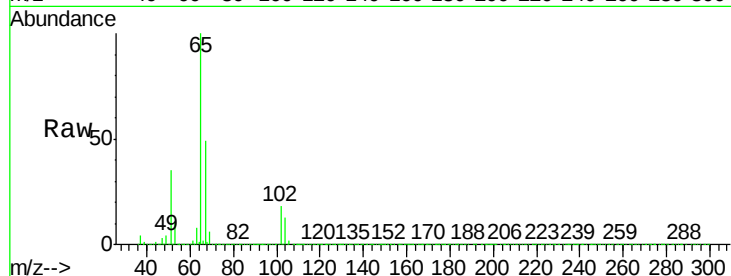
#33
 1,2-Dichloroethane-d4
 Concen: 49.024 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015475.D
 Acq: 02 Apr 2020 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	765150		
67	50.4	0.0	102.6	

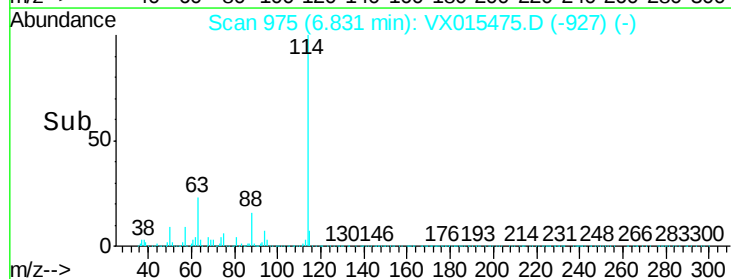
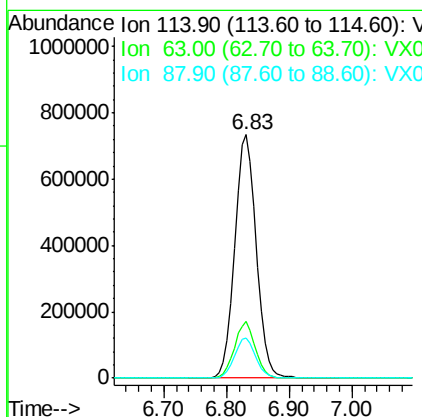
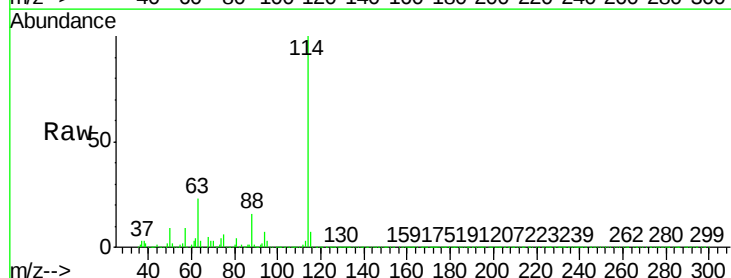
Manual Integrations
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015475.D
 Acq: 02 Apr 2020 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1733504		
63	23.1	0.0	44.2	
88	16.3	0.0	33.8	





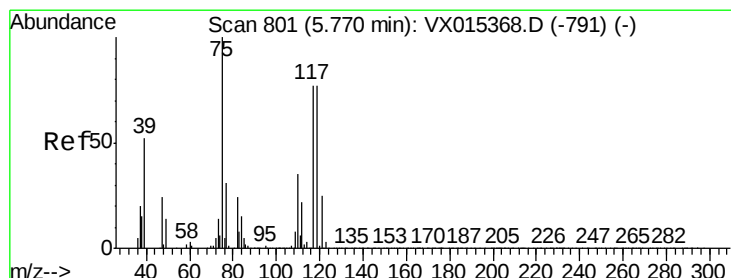
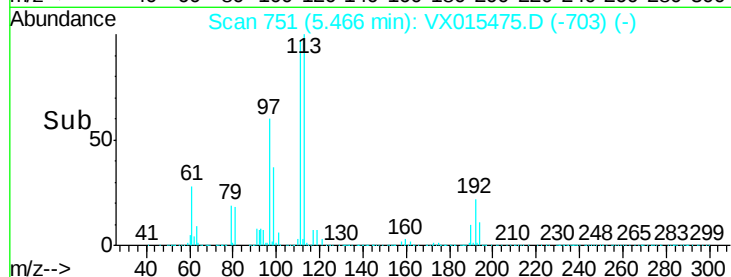
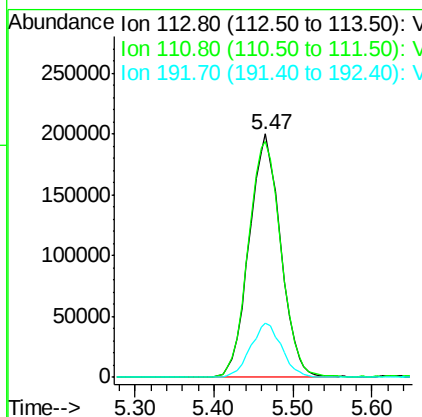
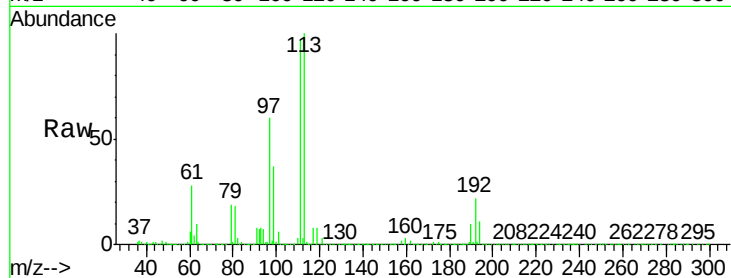
#35
Dibromofluoromethane
Concen: 50.115 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.5	122.3
192	22.1	17.8	26.6

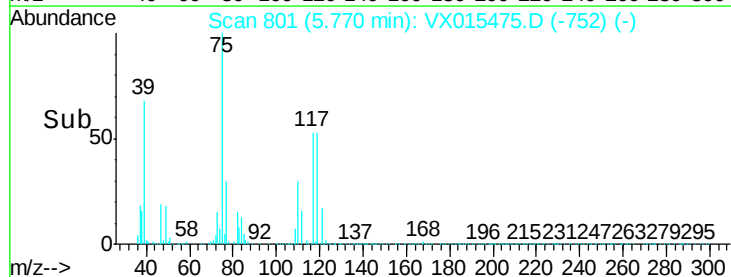
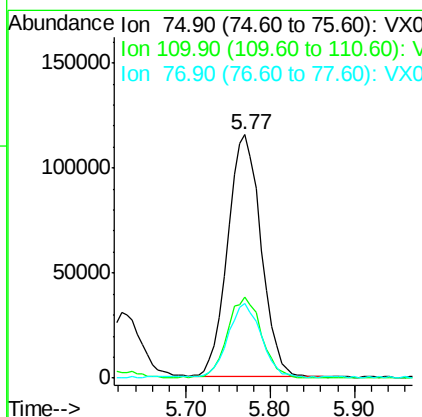
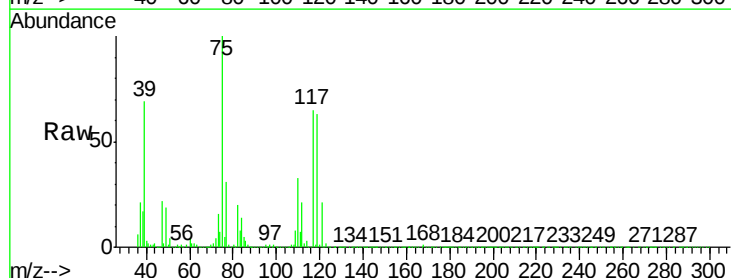
Manual Integrations
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4/3/2020 12:36:35 PM



#36
1,1-Dichloropropene
Concen: 19.488 ug/l
RT: 5.77 min Scan# 801
Delta R.T. 0.00 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.5	17.1	51.3
77	30.2	24.6	36.8





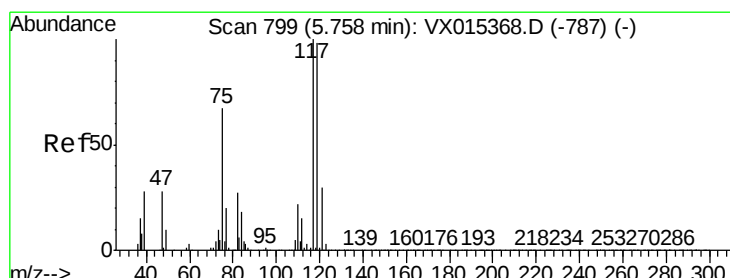
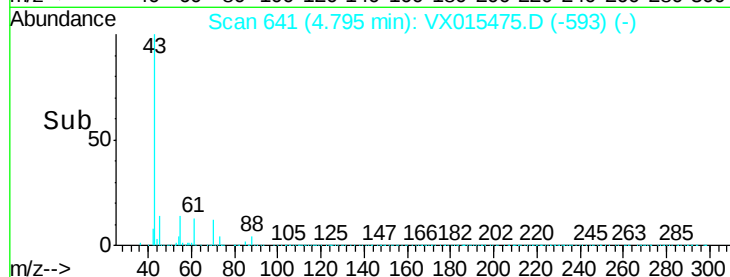
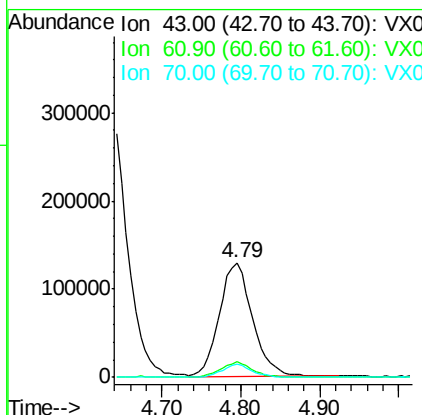
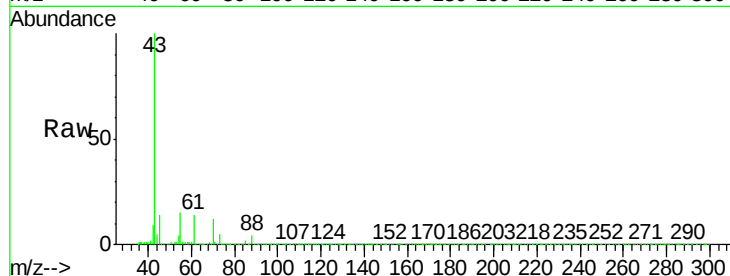
#37
Ethyl Acetate
Concen: 18.078 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Instrument :
MSVOA_X
ClientSampled :
VX0402WBSD01

Tot Ion	43	Resp	375966
Ion Ratio	Lower	Upper	
43	100		
61	12.4	9.9	14.9
70	10.9	8.1	12.1

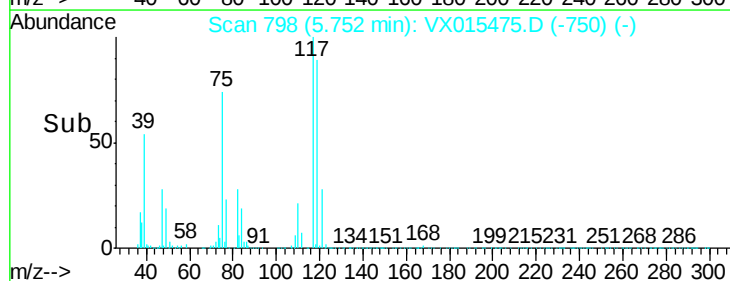
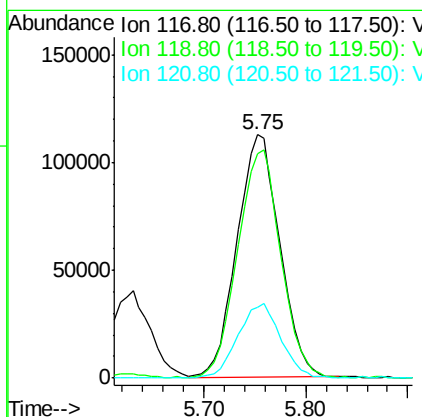
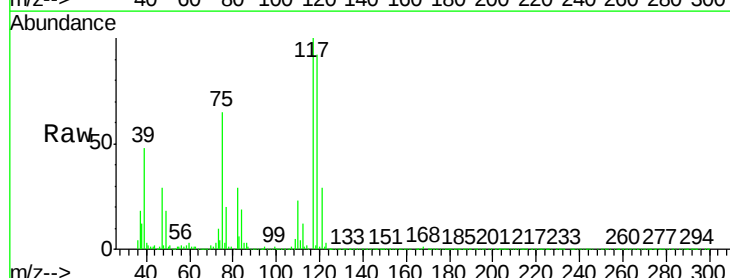
Manual Integrations
APPROVED

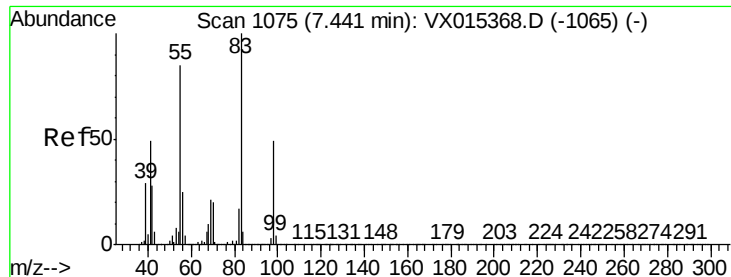
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#38
Carbon Tetrachloride
Concen: 18.933 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Tgt Ion	117	Resp	327539
Ion Ratio	Lower	Upper	
117	100		
119	92.2	78.0	117.0
121	29.1	23.8	35.8





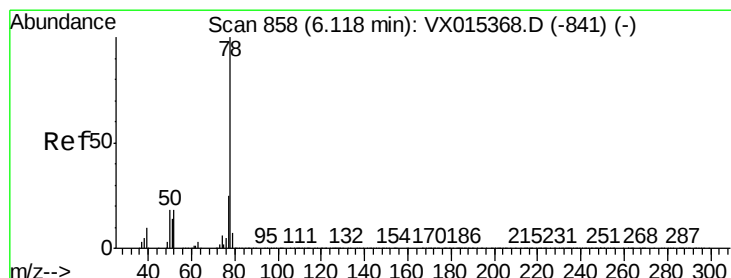
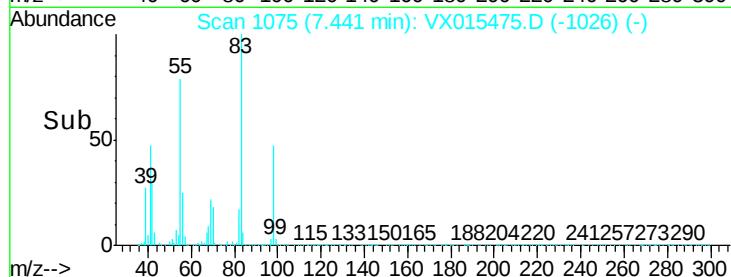
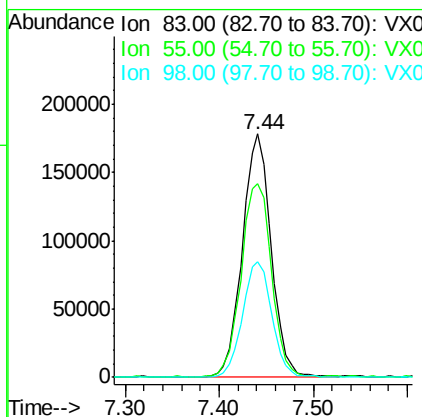
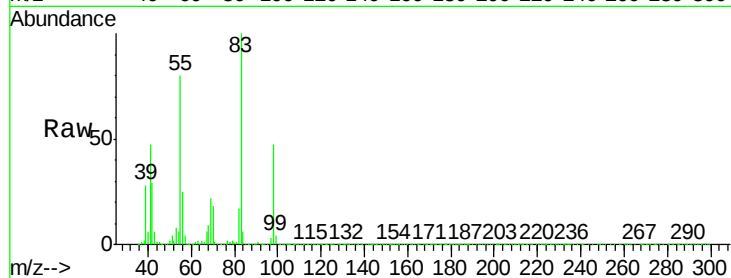
#39
Methvlcvclohexane
Concen: 20.706 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	79.5	67.8	101.6
98	47.0	39.3	58.9

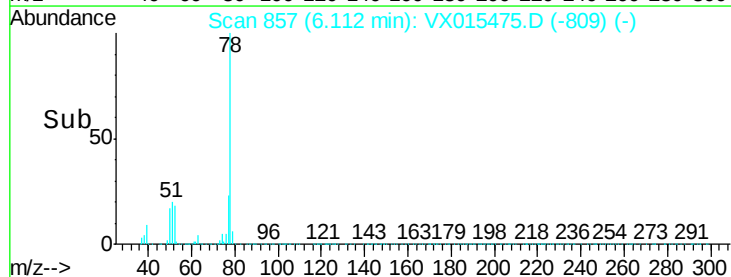
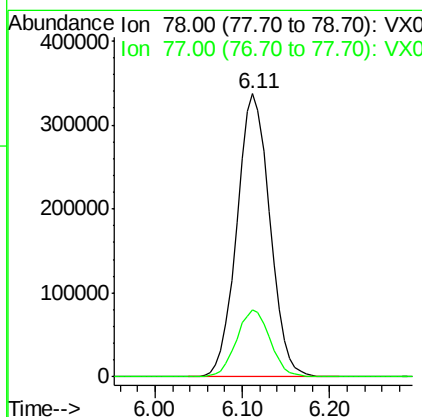
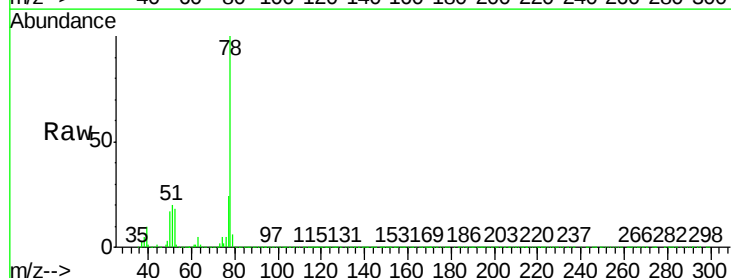
Manual Integrations
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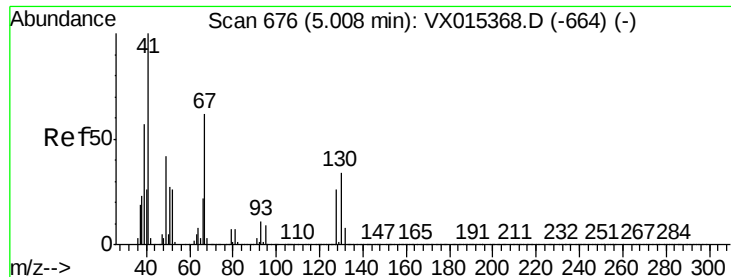
MMDadoda
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#40
Benzene
Concen: 18.825 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.8	29.8





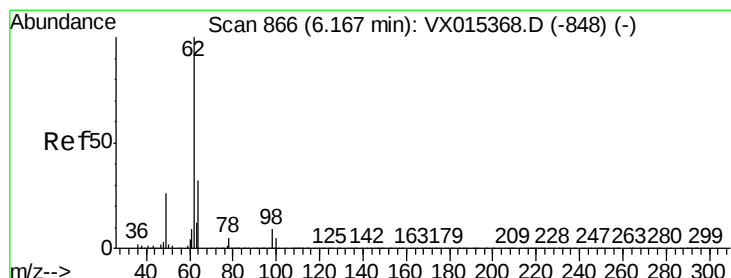
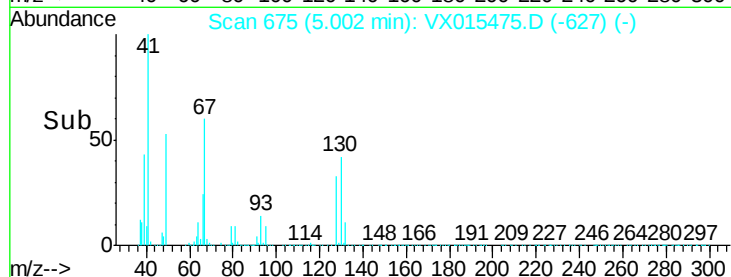
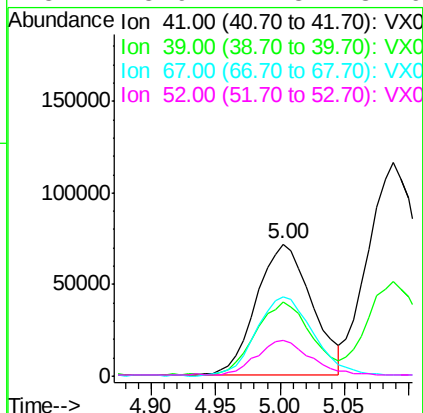
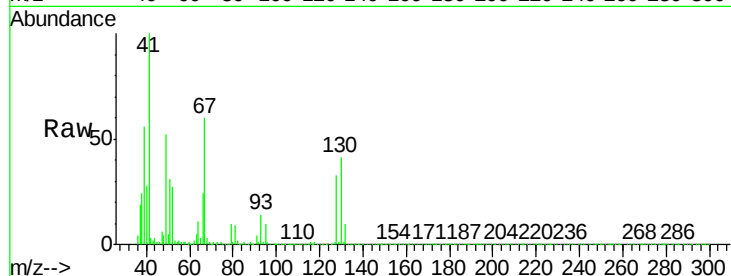
#41
Methacrylonitrile
Concen: 18.503 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.3	44.5	66.7
67	62.5	48.9	73.3
52	25.9	21.8	32.6

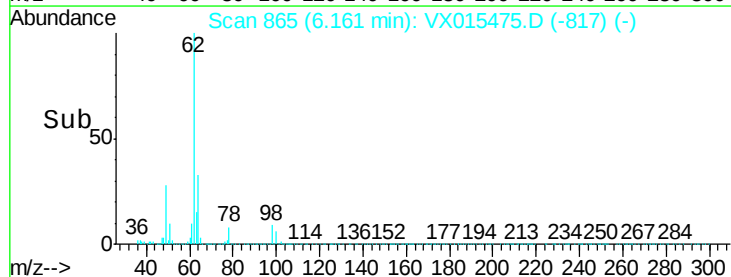
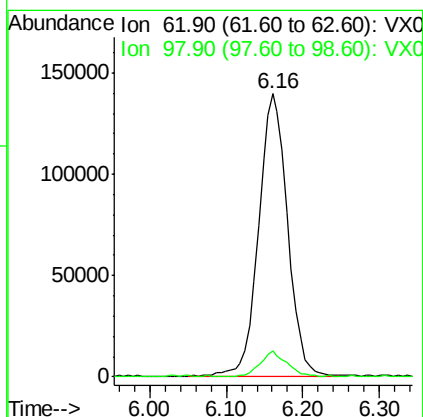
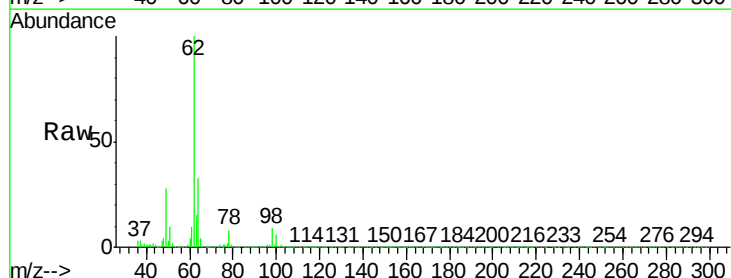
Manual Integrations
APPROVED

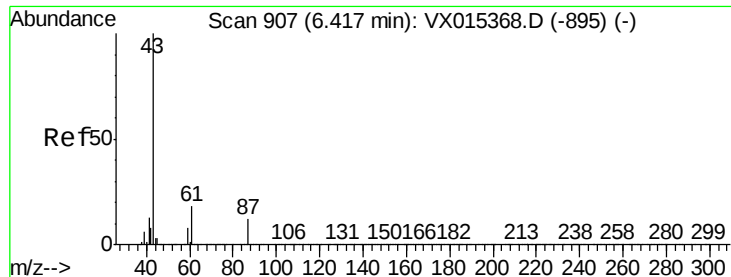
MMDadoda
4/3/2020 12:36:35 PM



#42
1,2-Dichloroethane
Concen: 19.453 ug/l
RT: 6.16 min Scan# 865
Delta R.T. -0.01 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.6





#43

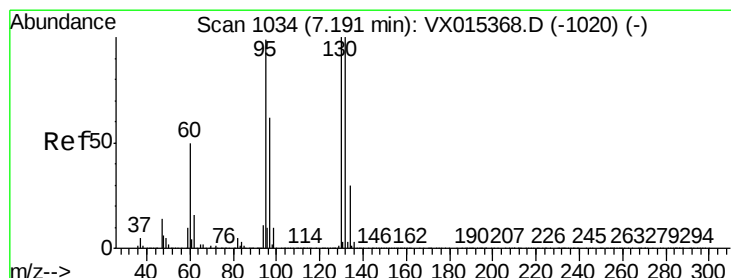
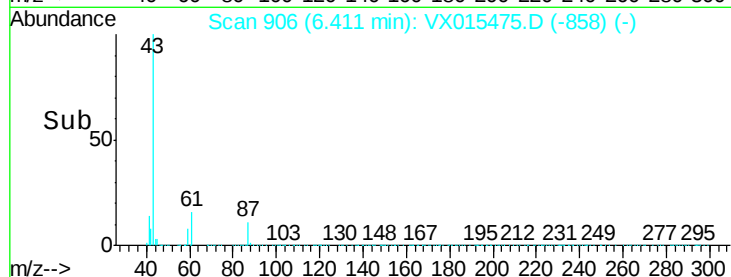
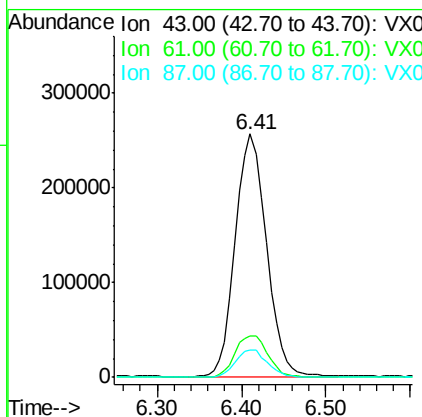
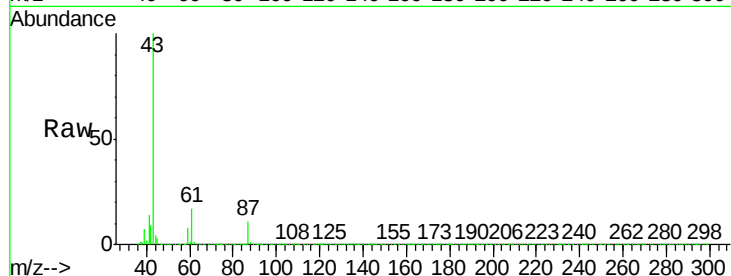
Isopropyl Acetate
 Concen: 18.292 ug/l
 RT: 6.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: VX015475.D
 Acq: 02 Apr 2020 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

Tot Ion:	43	Resp:	642194
Ion	Ratio	Lower	Upper
43	100		
61	18.1	14.8	22.2
87	11.6	9.4	14.0

Manual Integrations
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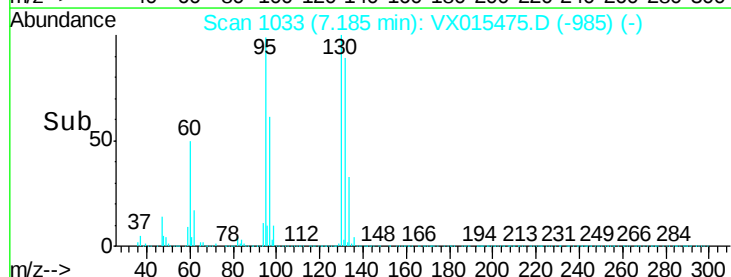
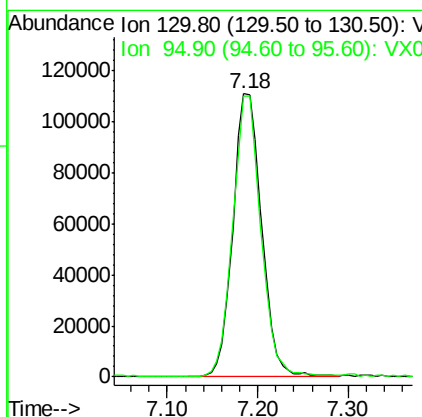
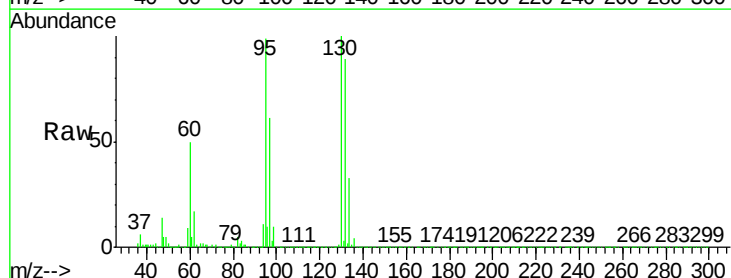
MMDadoda
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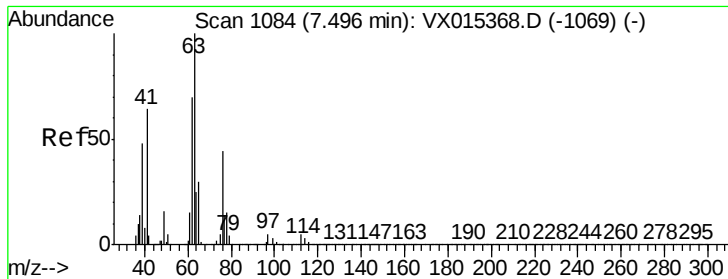


#44

Trichloroethene
 Concen: 18.995 ug/l
 RT: 7.18 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: VX015475.D
 Acq: 02 Apr 2020 12:43

Tgt Ion:	130	Resp:	242379
Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	199.0





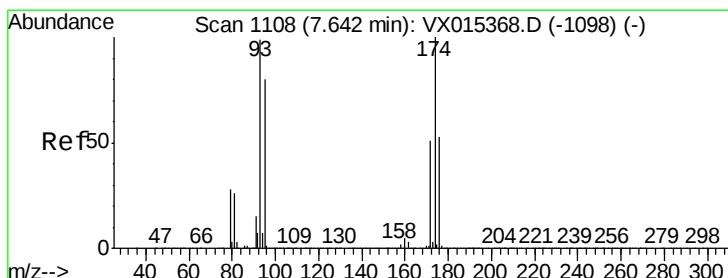
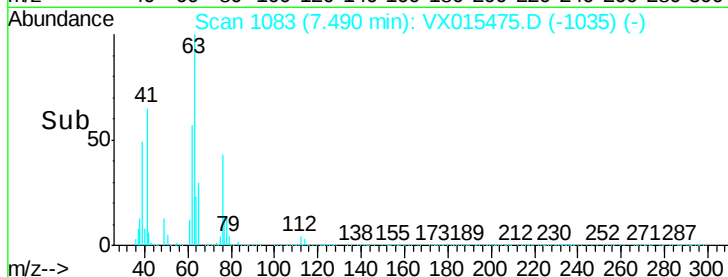
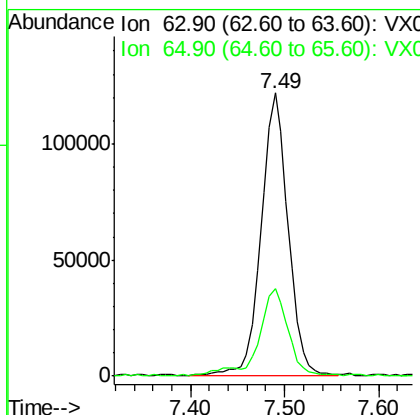
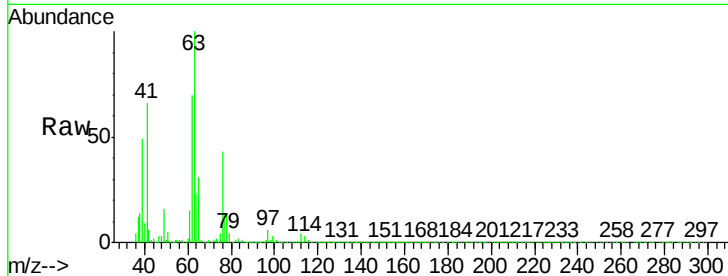
#45
 1,2-Dichloropropane
 Concen: 19.004 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015475.D
 Acq: 02 Apr 2020 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	23.9	35.9

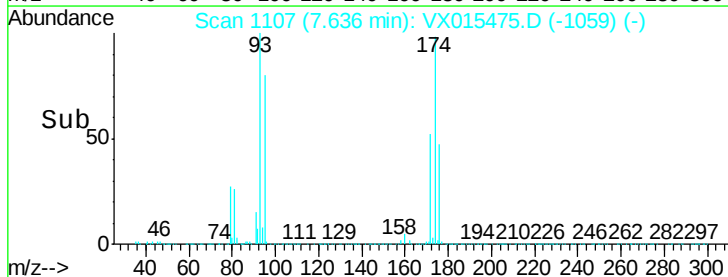
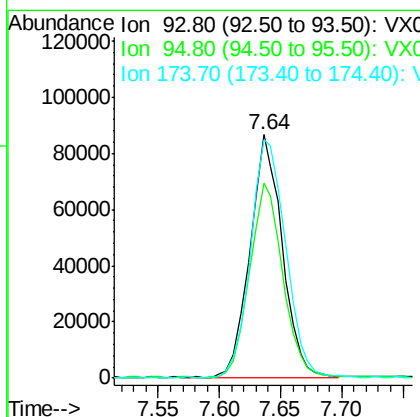
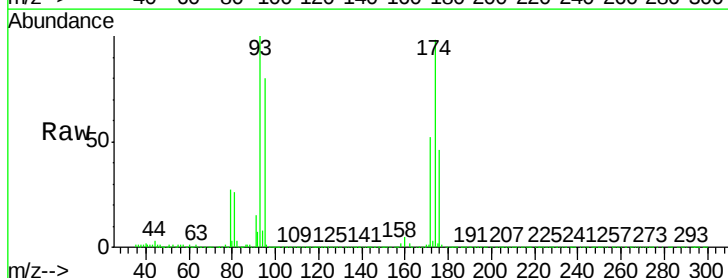
Manual Integrations
 APPROVED

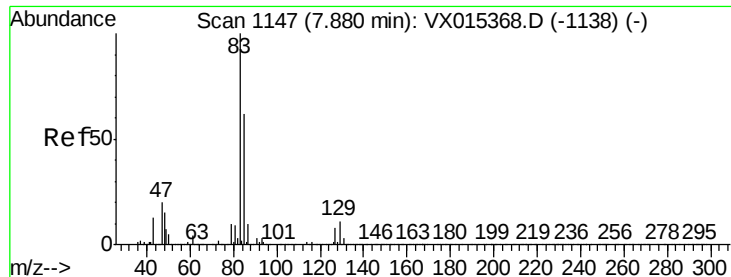
MMDadoda
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#46
 Dibromomethane
 Concen: 19.121 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015475.D
 Acq: 02 Apr 2020 12:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.3	65.8	98.8
174	106.6	86.2	129.2





#47

Bromodichloromethane

Concen: 19.082 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

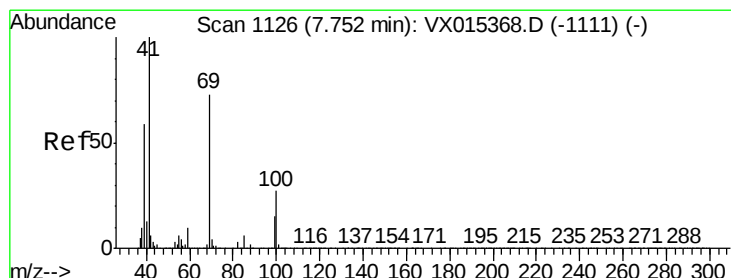
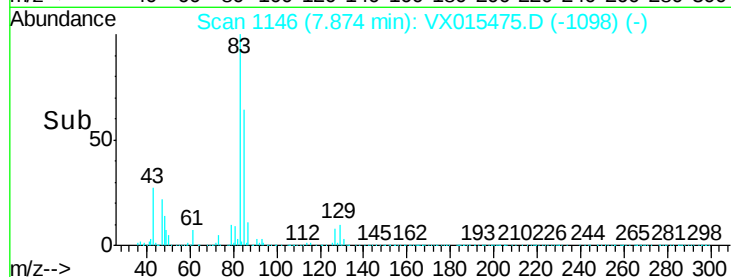
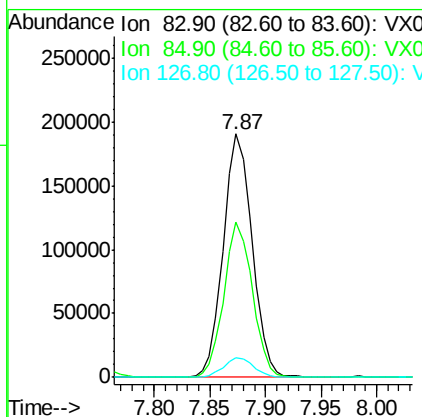
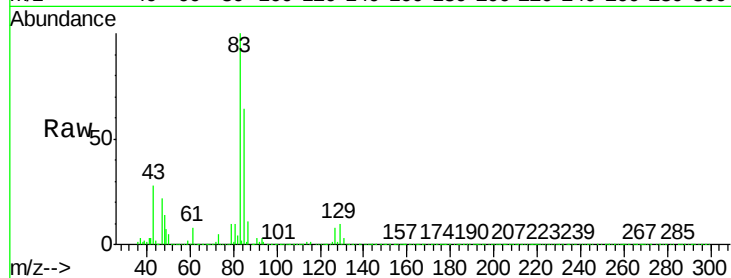
ClientSampleId :

VX0402WBSD01

Tot Ion:	83	Resp:	341388
Ion Ratio	Lower	Upper	
83	100		
85	63.6	49.7	74.5
127	7.7	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.623 ug/l

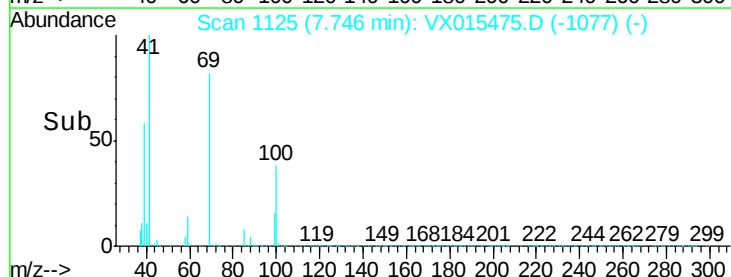
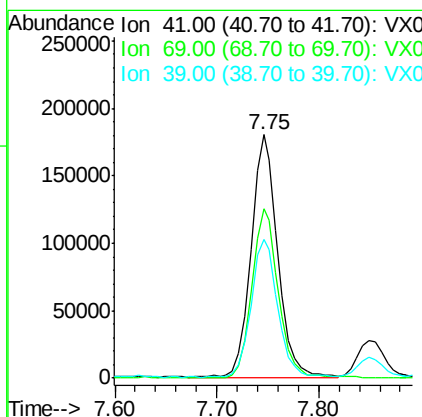
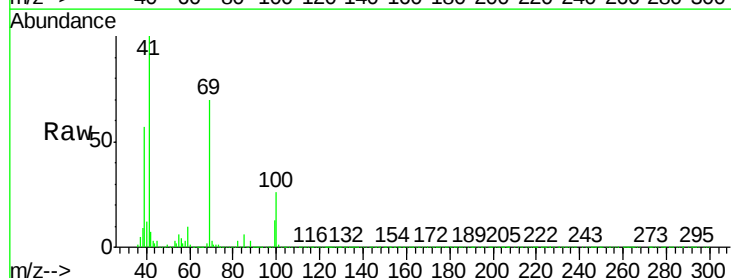
RT: 7.75 min Scan# 1125

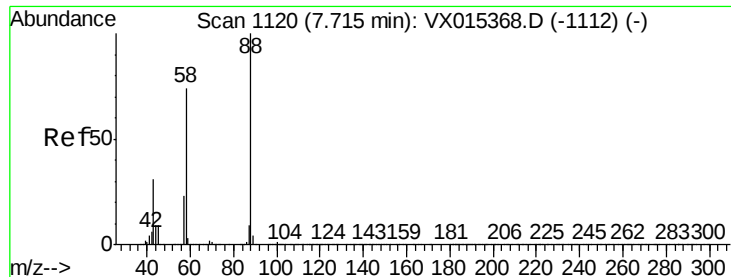
Delta R.T. -0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Tgt Ion:	41	Resp:	326577
Ion Ratio	Lower	Upper	
41	100		
69	69.1	56.7	85.1
39	56.7	46.5	69.7





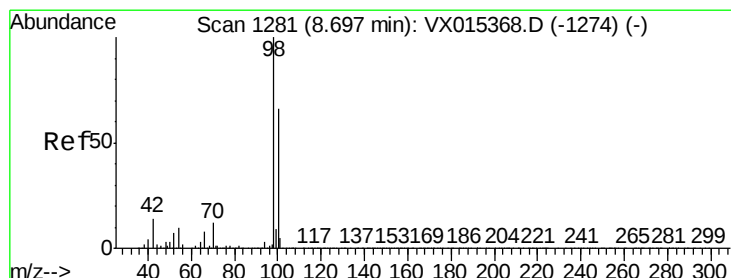
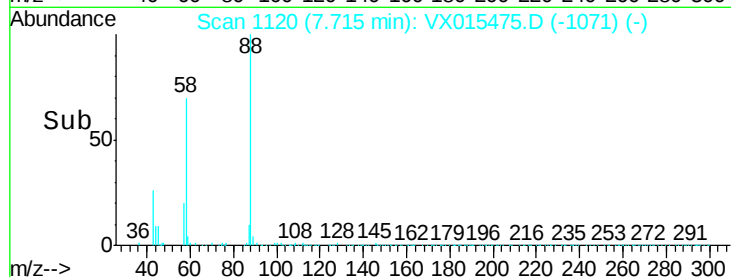
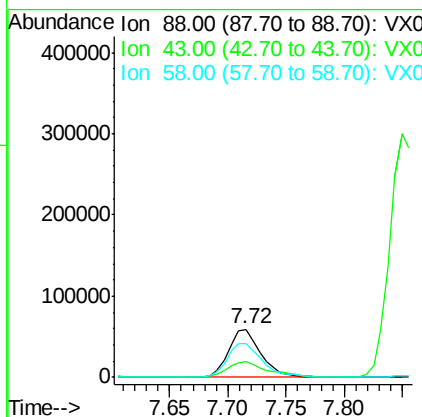
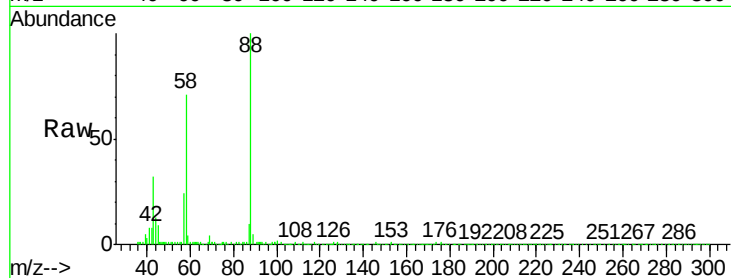
#49
1,4-Dioxane
Concen: 340.099 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. 0.00 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.1	30.1	45.1
58	77.6	60.6	90.8

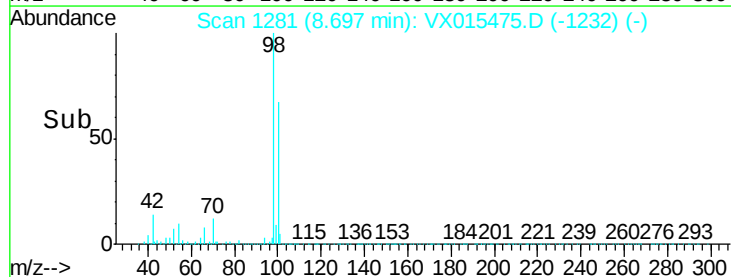
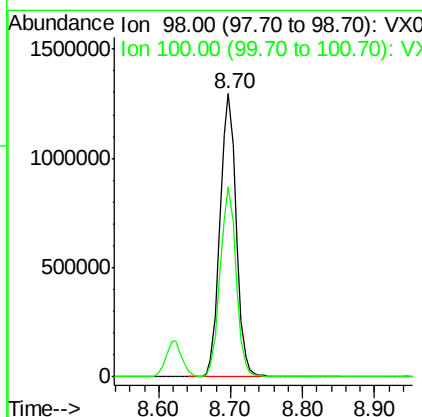
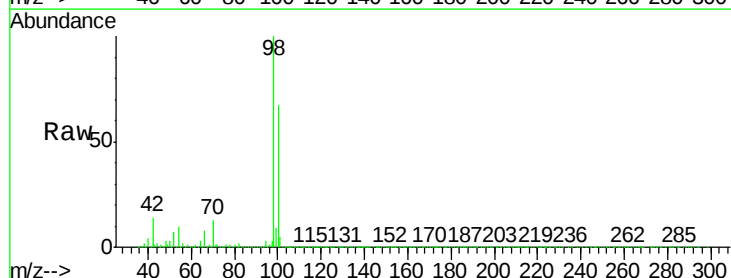
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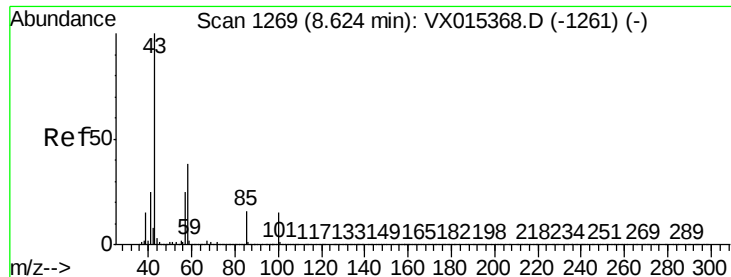
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#50
Toluene-d8
Concen: 49.440 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.5	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 93.301 ug/l

RT: 8.62 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

ClientSampleID :

VX0402WBSD01

Tot Ion: 43 Resp: 1856345

Ion Ratio Lower Upper

43 100

58 36.4

29.7

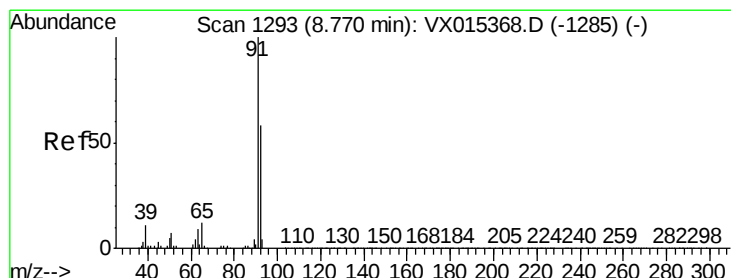
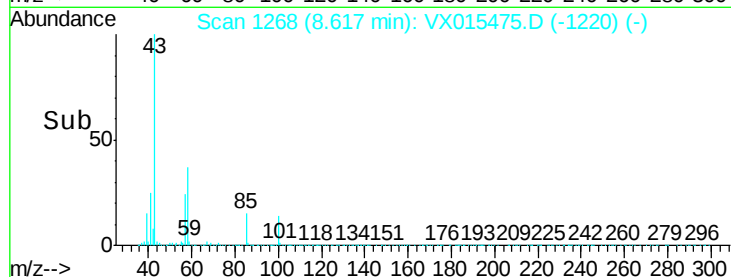
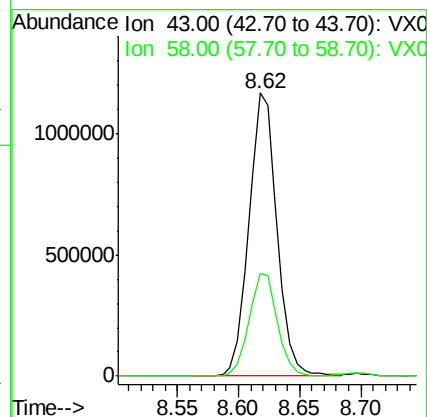
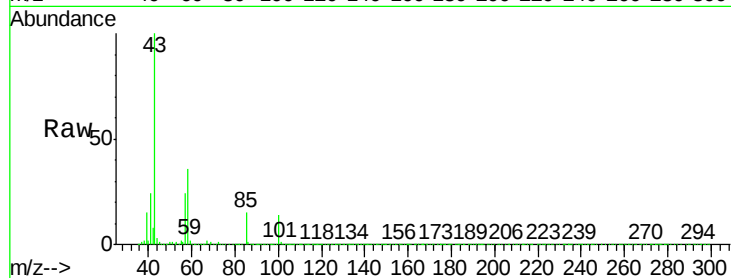
44.5

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#52

Toluene

Concen: 19.415 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Tgt Ion: 92 Resp: 560050

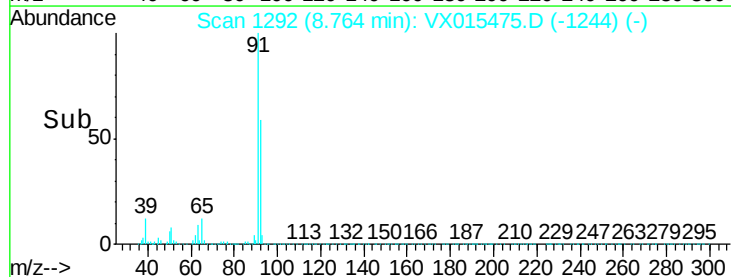
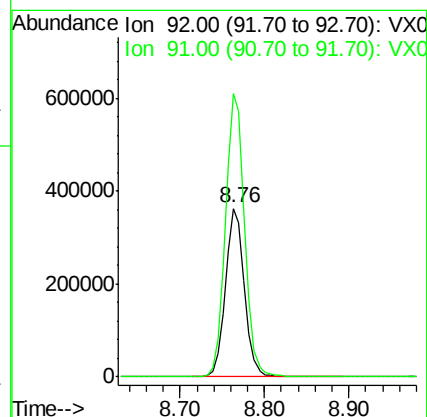
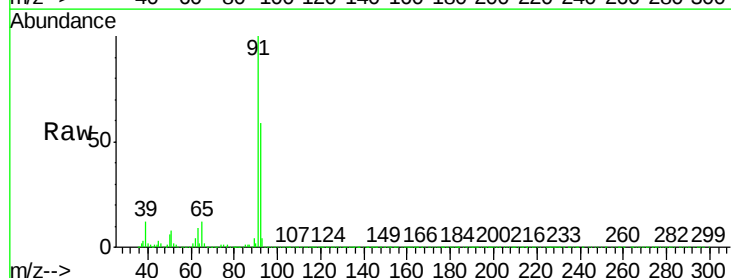
Ion Ratio Lower Upper

92 100

91 170.8

136.6

205.0





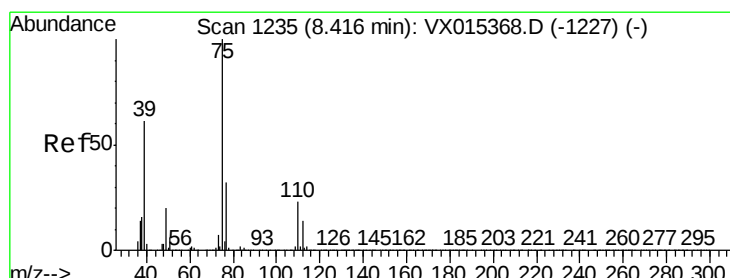
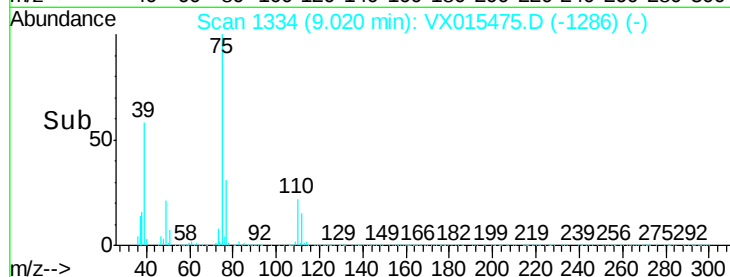
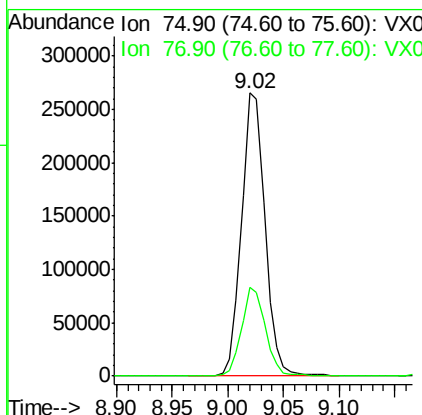
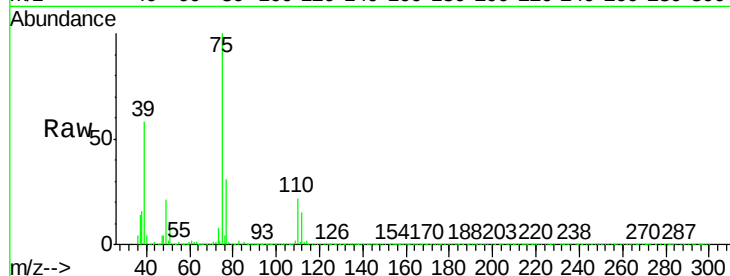
#53
t-1,3-Dichloropropene
Concen: 18.456 ug/l
RT: 9.02 min Scan# 1334
Delta R.T. -0.01 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.3	24.1	36.1

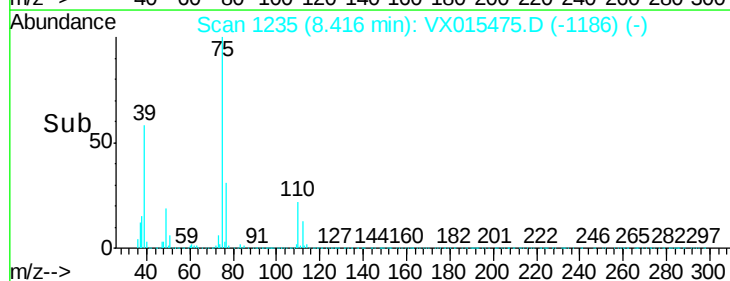
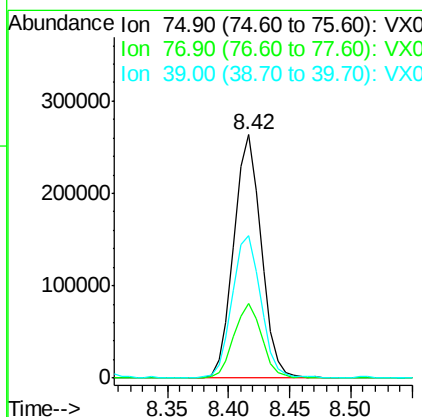
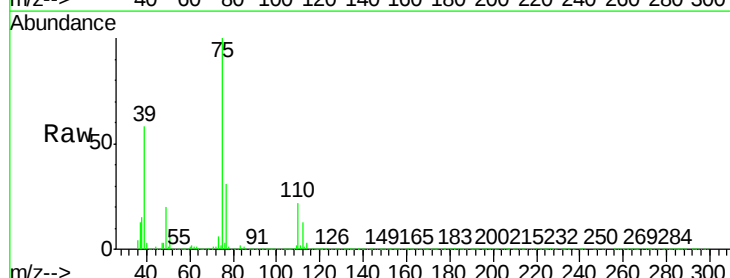
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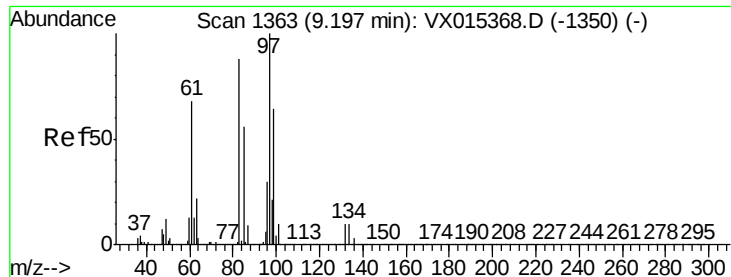
MMDadoda
4/3/2020 12:36:35 PM



#54
cis-1,3-Dichloropropene
Concen: 19.115 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Tgt Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.8	38.6
39	58.2	49.0	73.4





#55

1,1,2-Trichloroethane

Concen: 19.485 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

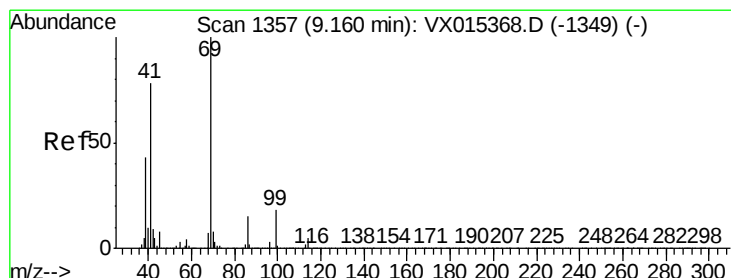
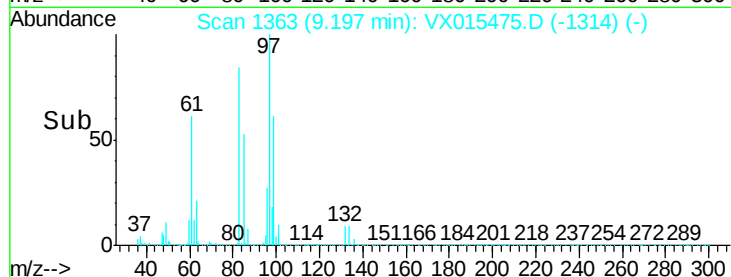
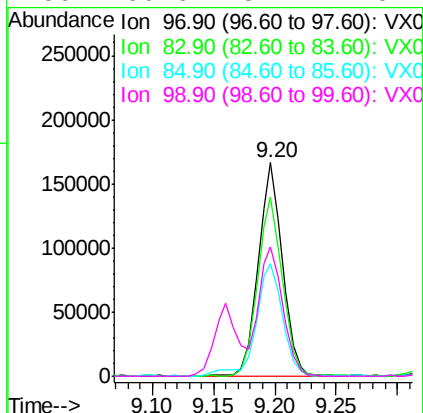
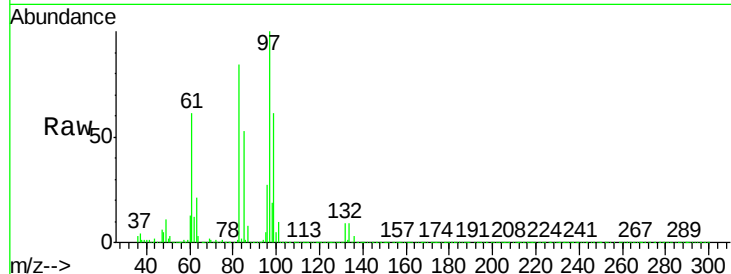
ClientSampleId :

VX0402WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		230275		
83	83.9	70.2	105.4		
85	52.6	44.7	67.1		
99	60.6	51.1	76.7		

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#56

Ethyl methacrylate

Concen: 18.423 ug/l

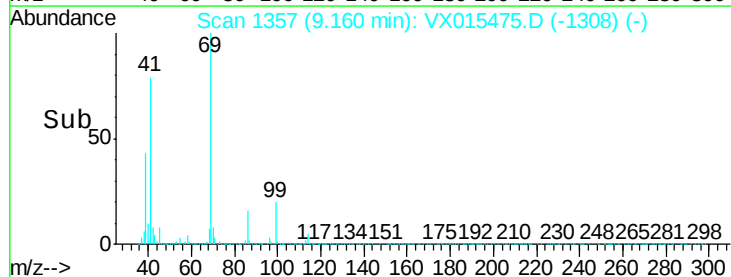
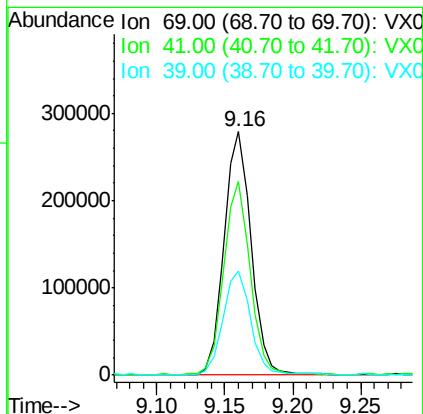
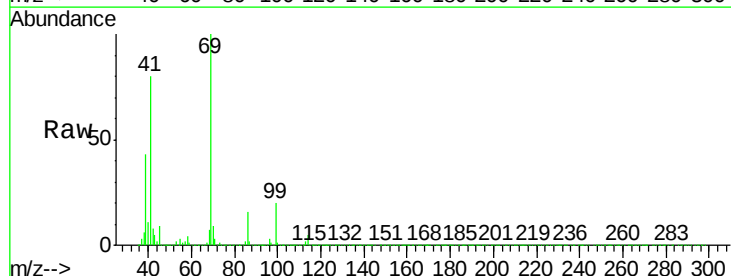
RT: 9.16 min Scan# 1357

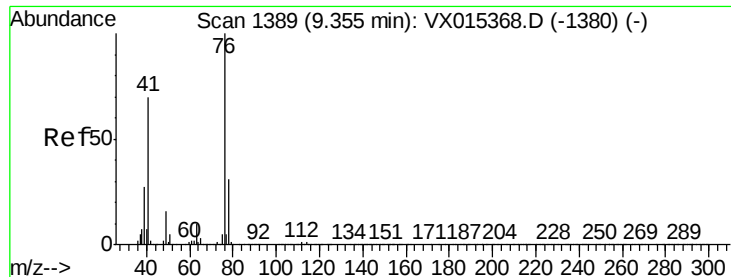
Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		383710		
41	77.0	61.6	92.4		
39	42.9	34.0	51.0		





#57

1,3-Dichloropropane

Concen: 18.572 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

Tot Ion: 76 Resp: 395455

Ion Ratio Lower Upper

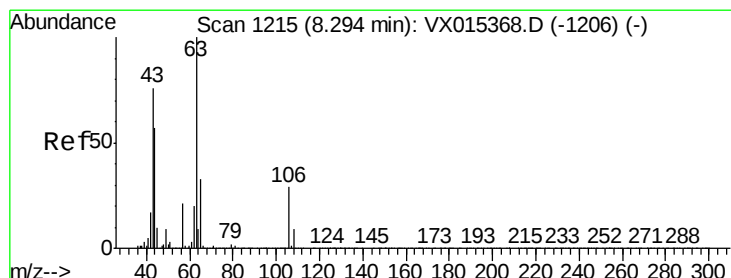
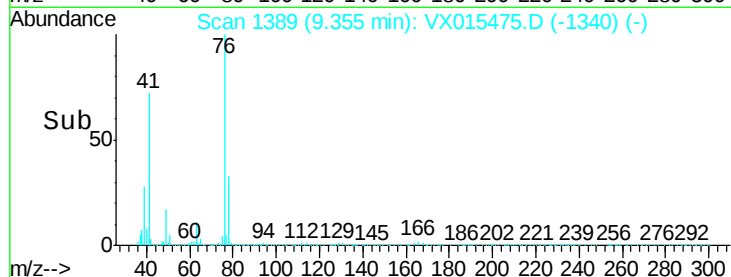
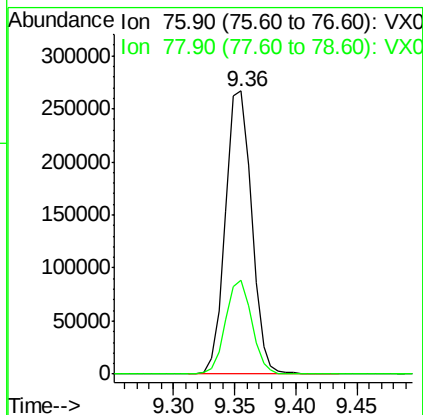
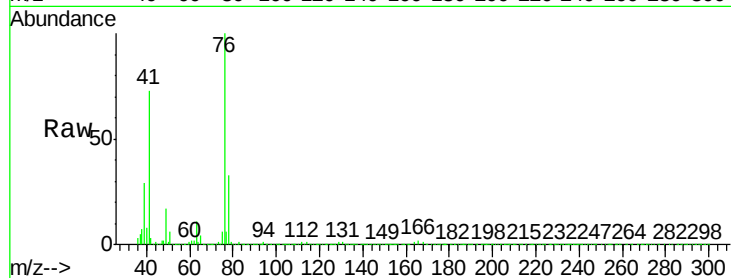
76 100

78 32.8 25.8 38.8

Manual Integrations
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4/3/2020 12:36:35 PM



#58

2-Chloroethyl Vinyl ether

Concen: 98.867 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015475.D

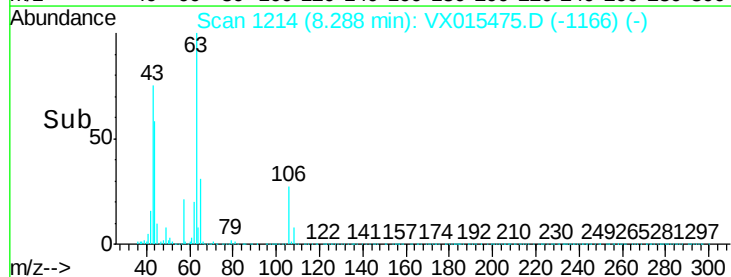
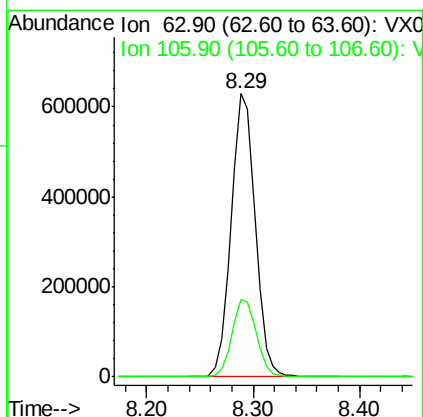
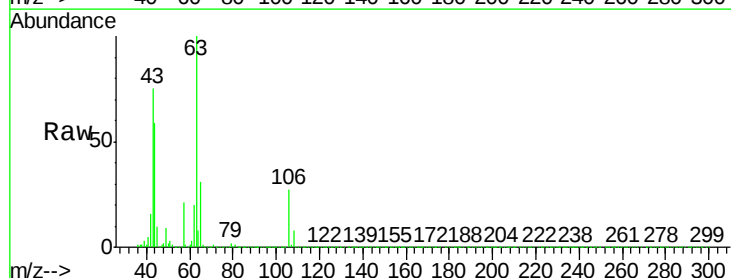
Acq: 02 Apr 2020 12:43

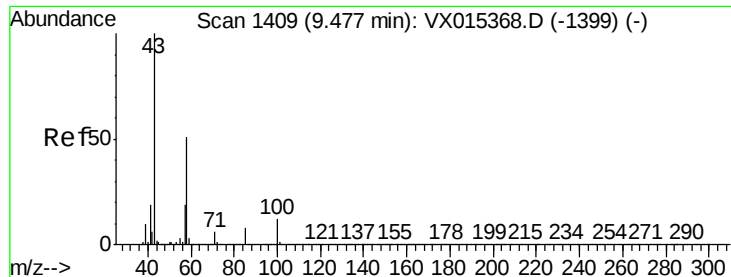
Tgt Ion: 63 Resp: 1001610

Ion Ratio Lower Upper

63 100

106 27.8 22.7 34.1





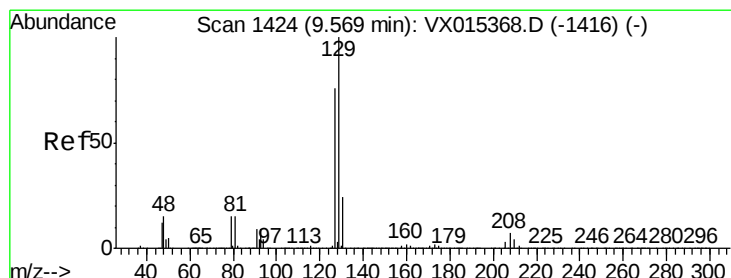
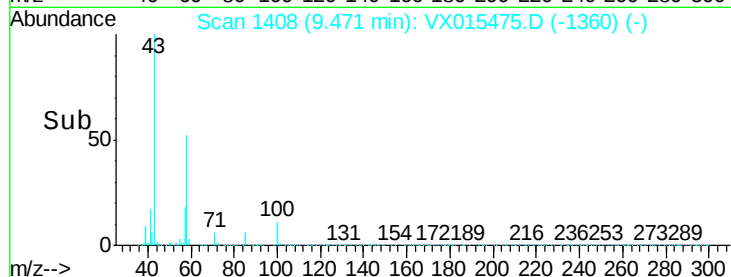
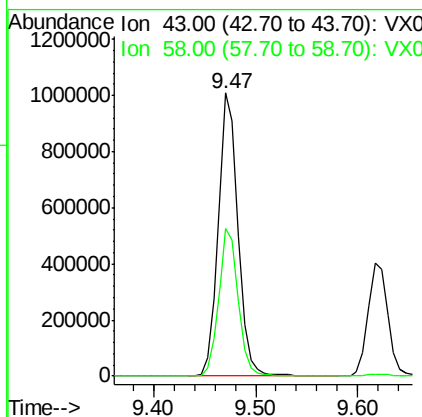
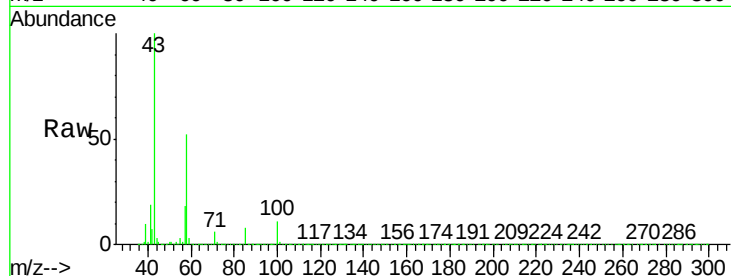
#59
2-Hexanone
Concen: 91.386 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tot Ion: 43 Resp: 1372723
Ion Ratio Lower Upper
43 100
58 51.4 25.6 76.6

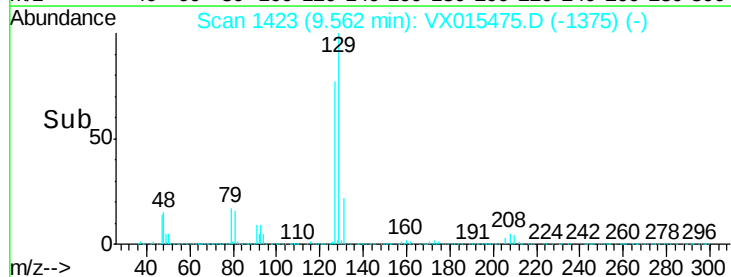
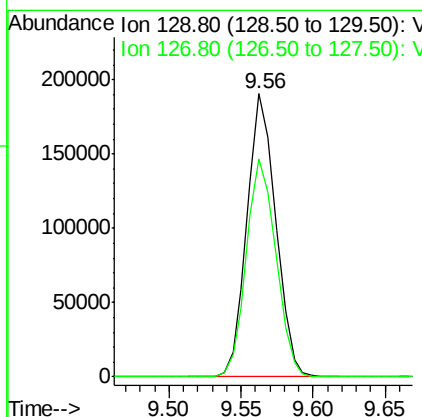
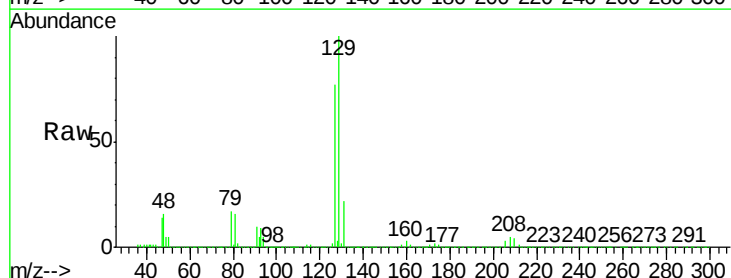
Manual Integrations
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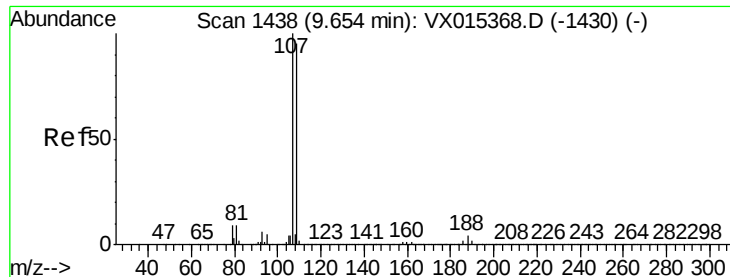
MMDadoda
4/3/2020 12:36:35 PM



#60
Dibromochloromethane
Concen: 18.521 ug/l
RT: 9.56 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Tgt Ion: 129 Resp: 263012
Ion Ratio Lower Upper
129 100
127 78.6 38.2 114.6





#61

1,2-Dibromoethane

Concen: 19.035 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

Tot Ion: 107 Resp: 244604

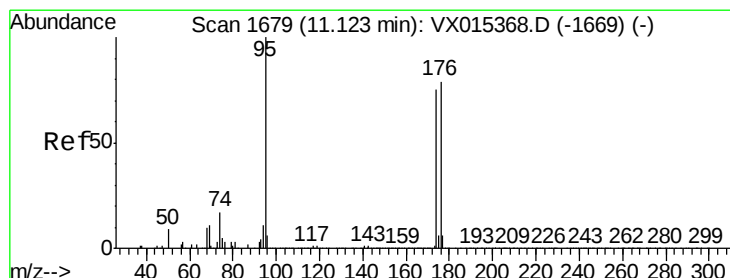
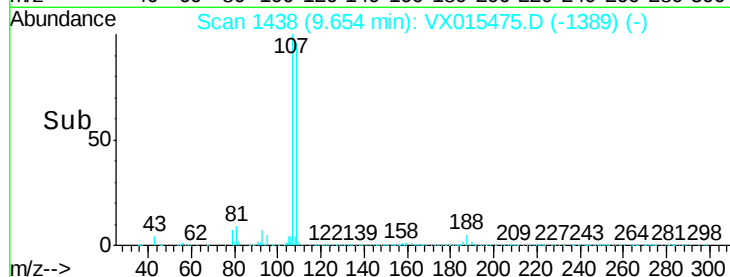
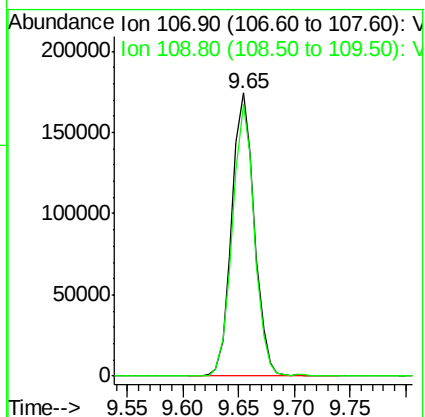
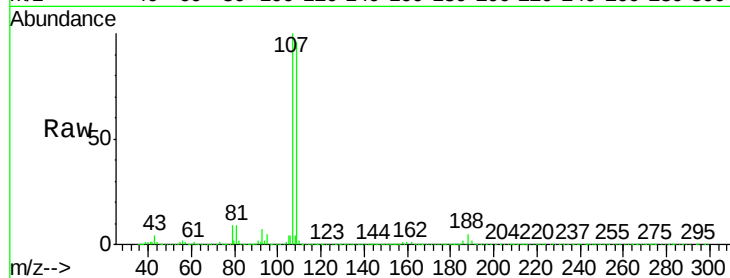
Ion Ratio Lower Upper

107 100

109 93.6 74.8 112.2

Manual Integrations
APPROVED

MMDadoda
4/3/2020 12:36:35 PM



#62

4-Bromofluorobenzene

Concen: 50.086 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

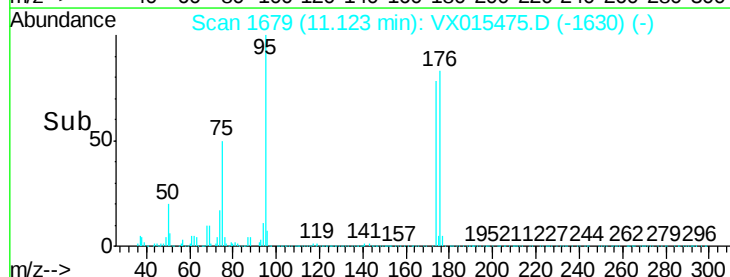
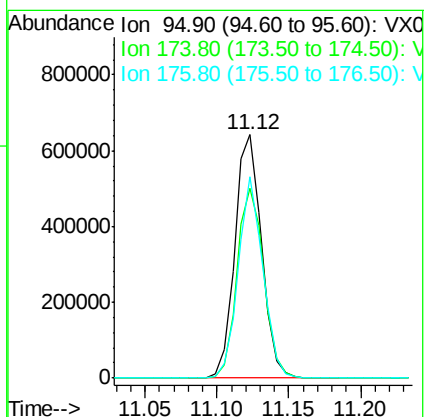
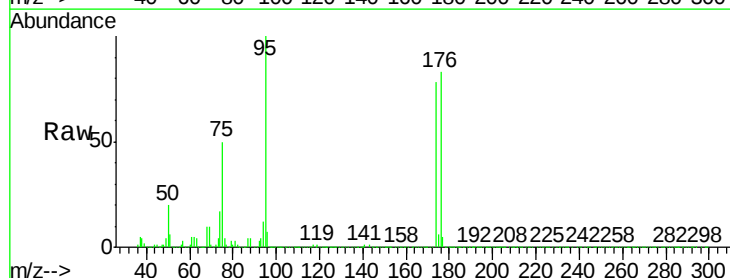
Tgt Ion: 95 Resp: 830426

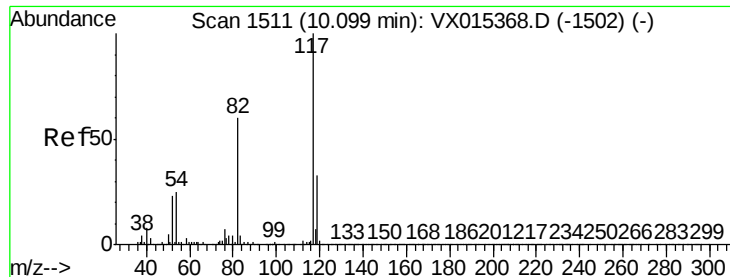
Ion Ratio Lower Upper

95 100

174 77.8 0.0 158.6

176 76.5 0.0 159.0





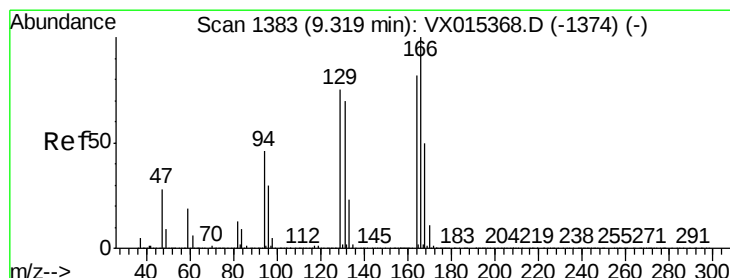
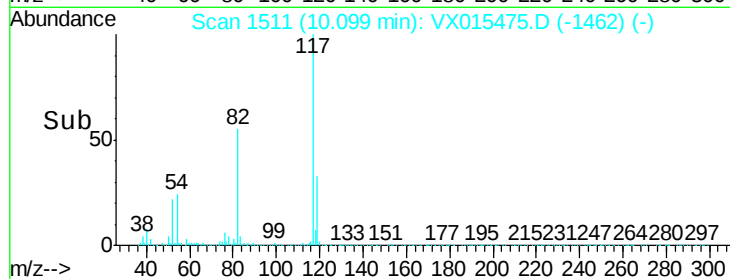
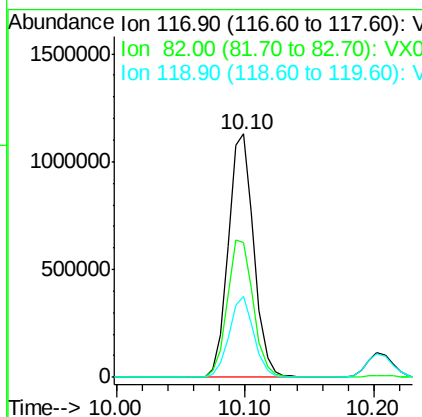
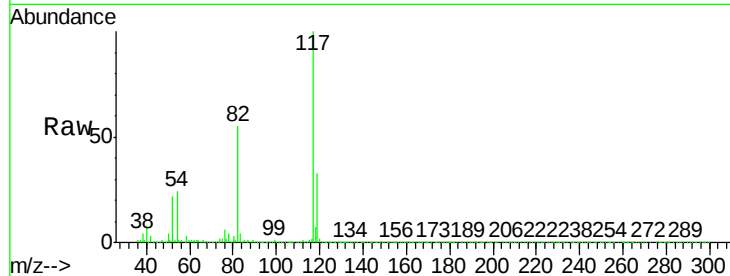
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	47.8	71.8
119	33.5	26.8	40.2

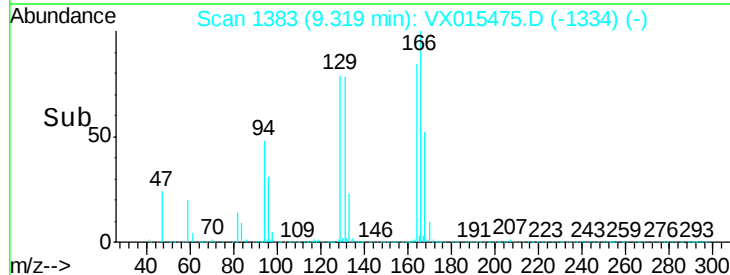
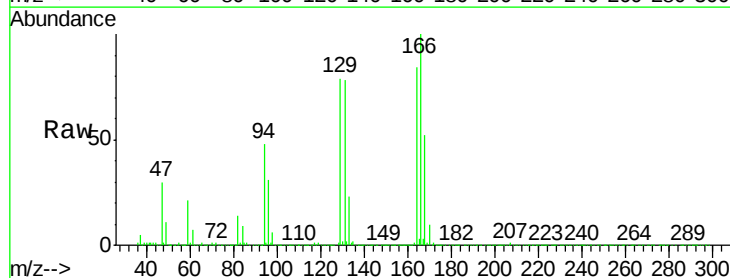
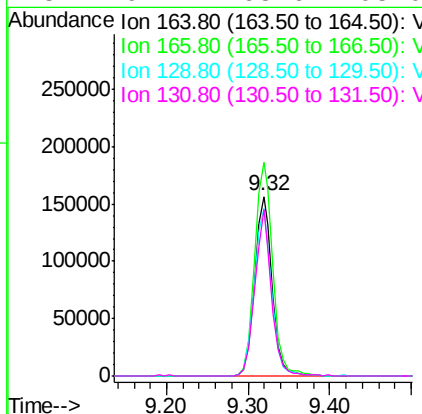
Manual Integrations
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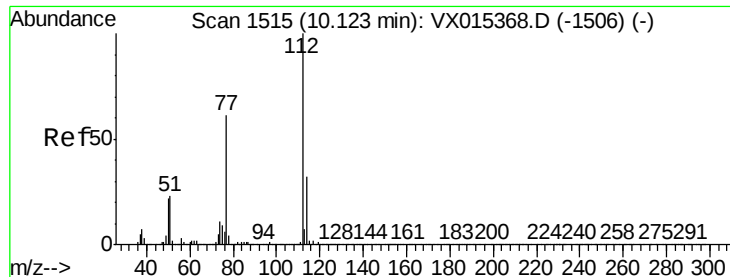
MMDadoda
4/3/2020 12:36:35 PM



#64
Tetrachloroethene
Concen: 20.017 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	118.9	97.8	146.6
129	93.6	73.0	109.4
131	92.4	68.6	103.0





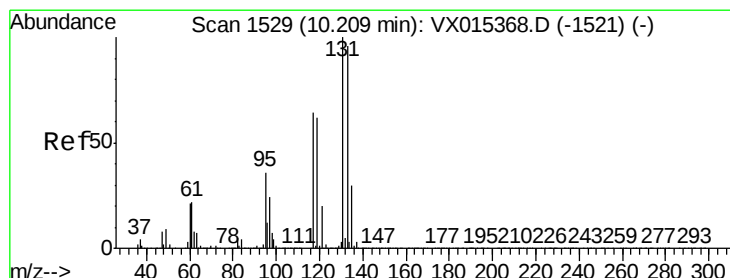
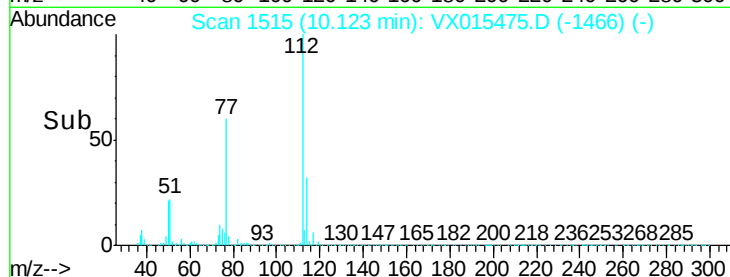
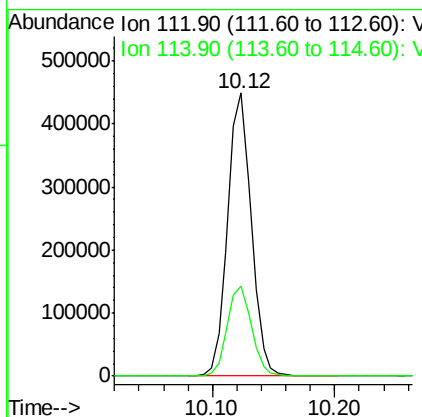
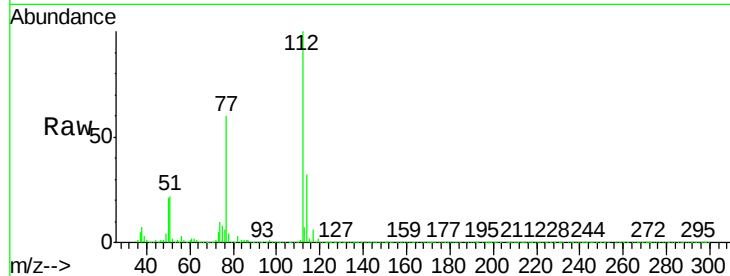
#65
Chlorobenzene
Concen: 19.252 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.5	38.3

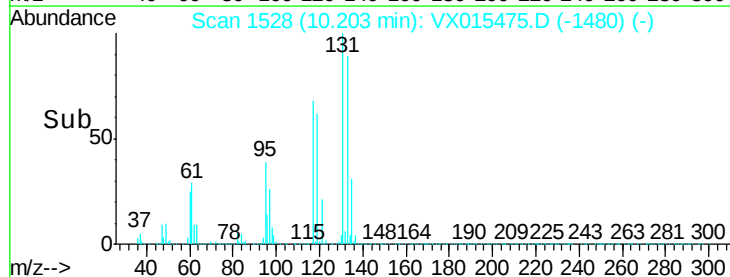
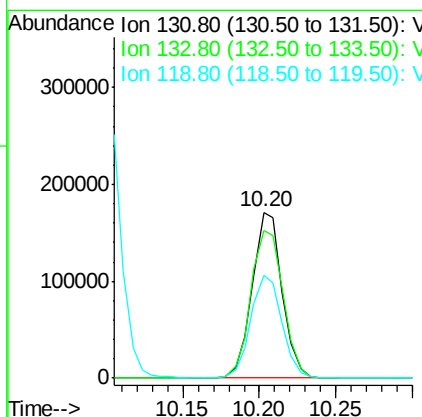
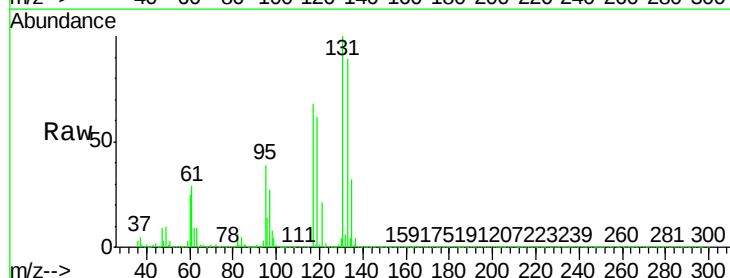
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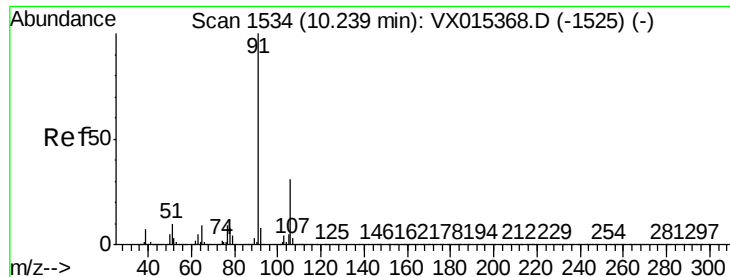
MMDadoda
4/3/2020 12:36:35 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 18.756 ug/l
RT: 10.20 min Scan# 1528
Delta R.T. -0.01 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.6	47.6	142.9
119	64.5	31.1	93.3





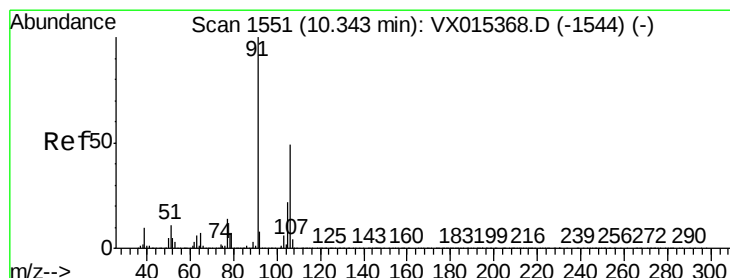
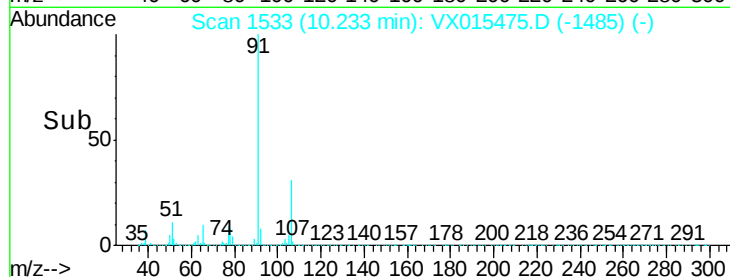
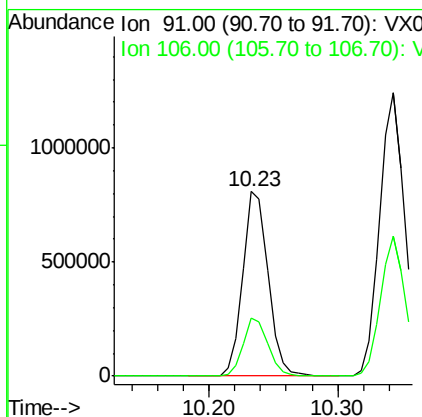
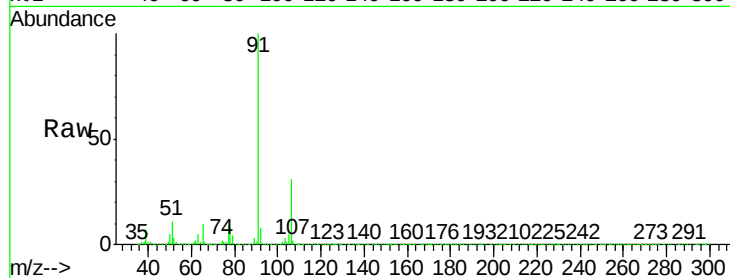
#67
Ethyl Benzene
Concen: 19.852 ug/l
RT: 10.23 min Scan# 1533
Delta R.T. -0.01 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tot Ion: 91 Resp: 1096413
Ion Ratio Lower Upper
91 100
106 31.2 24.8 37.2

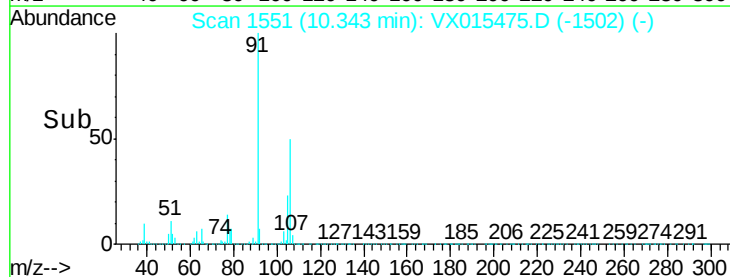
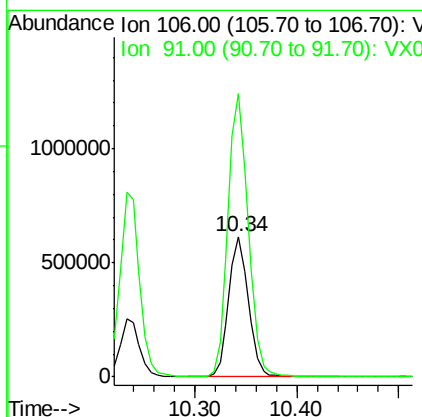
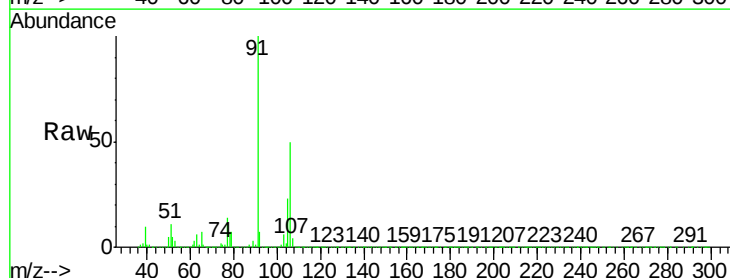
Manual Integrations
APPROVED

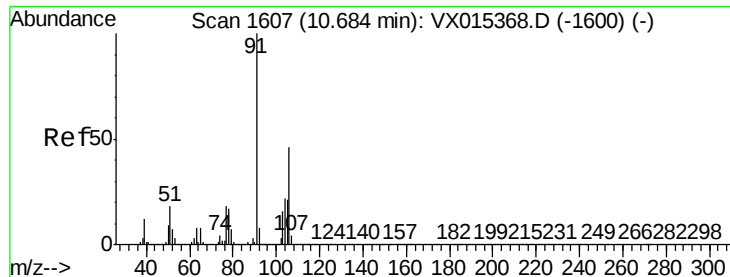
MMDadoda
4/3/2020 12:36:35 PM



#68
m/p-Xylenes
Concen: 39.859 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Tgt Ion: 106 Resp: 819729
Ion Ratio Lower Upper
106 100
91 206.8 163.4 245.0





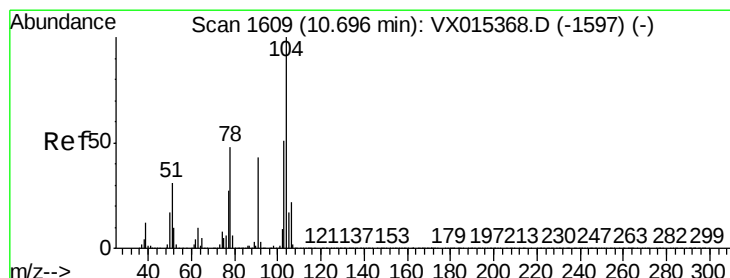
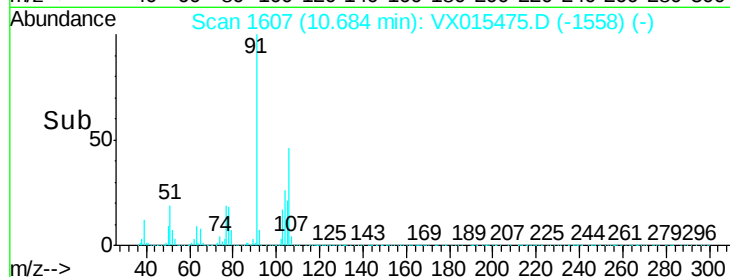
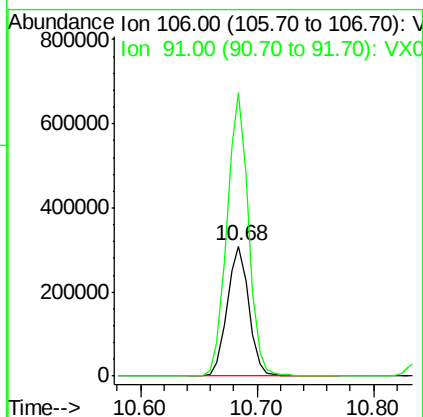
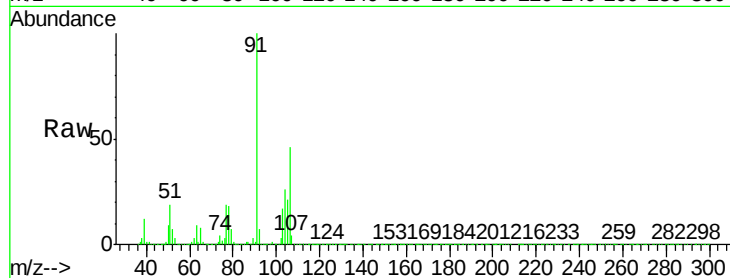
#69
o-Xylene
Concen: 19.599 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	398299		
91	215.4	107.1	321.3	

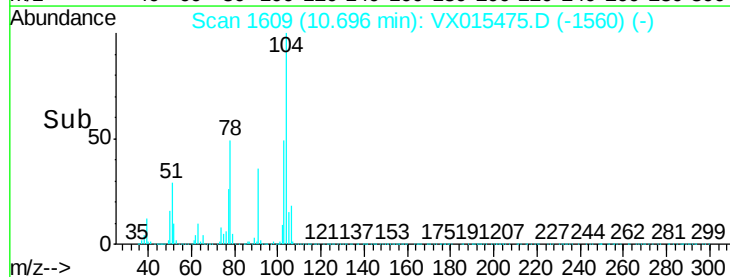
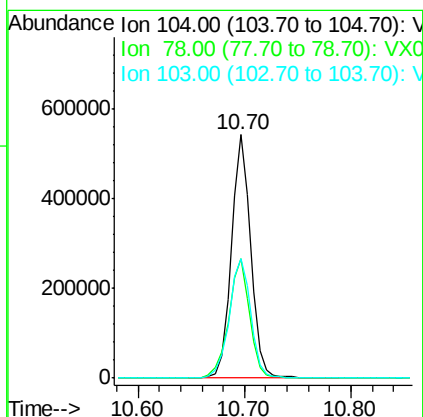
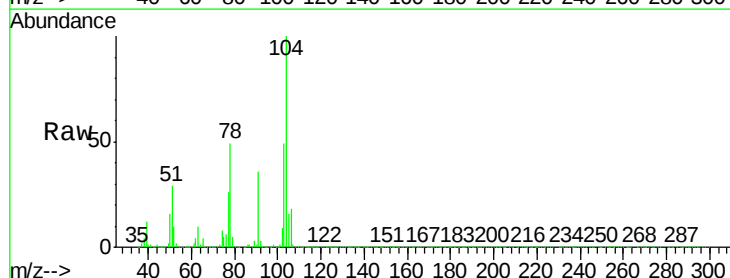
Manual Integrations
APPROVED

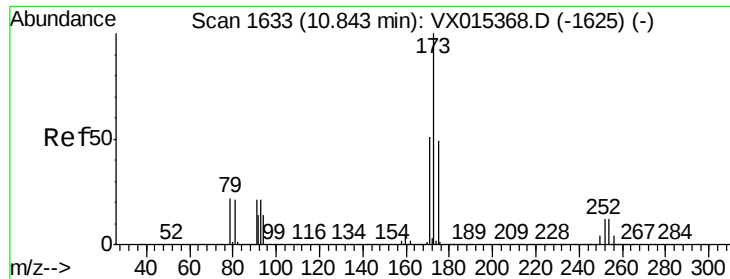
MMDadoda
4/3/2020 12:36:35 PM



#70
Styrene
Concen: 19.269 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	689062		
78	52.8	42.0	63.0	
103	54.7	43.4	65.0	





#71

Bromoform

Concen: 18.159 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

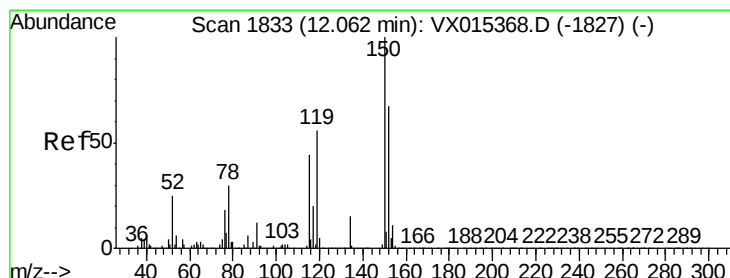
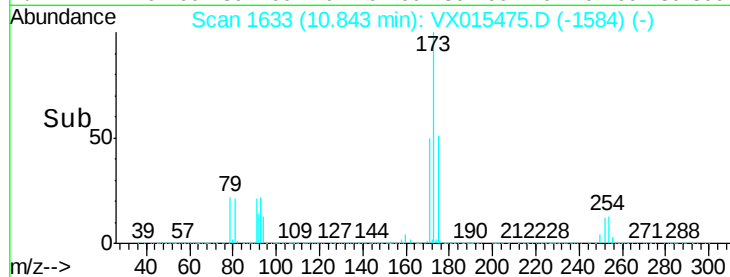
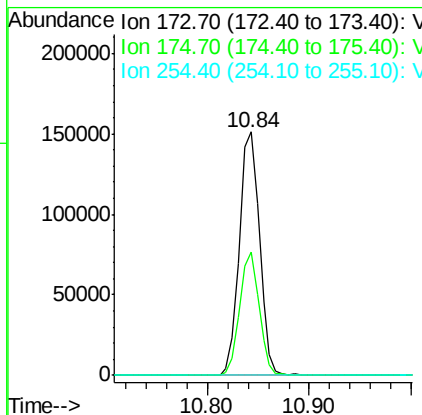
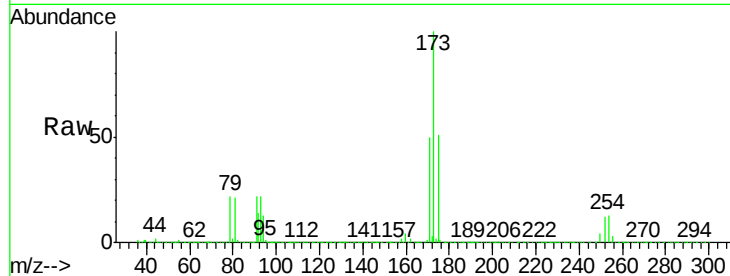
ClientSampleId :

VX0402WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
173	100	205657		
175	48.8	23.9	71.7	
254	0.1	0.1	0.1#	

Manual Integrations
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4/3/2020 12:36:35 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

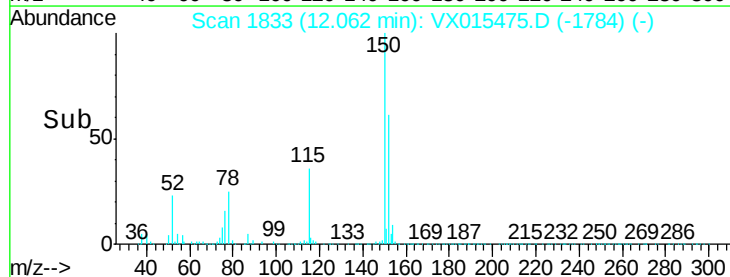
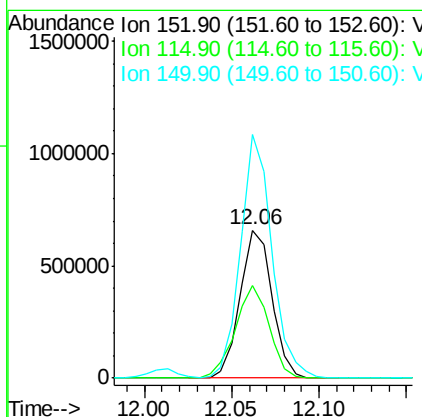
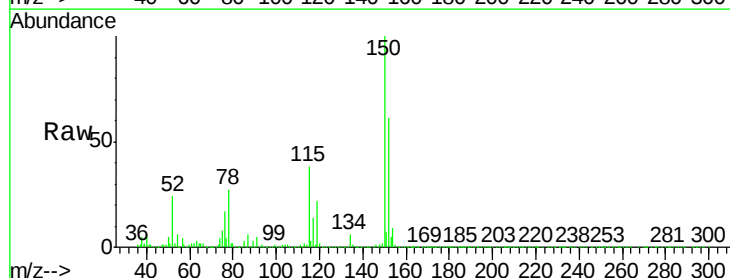
RT: 12.06 min Scan# 1833

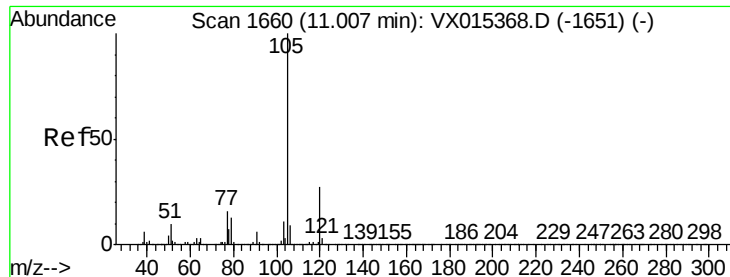
Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	835332		
115	66.5	39.0	116.9	
150	161.7	0.0	340.8	





#73

Isopropylbenzene

Concen: 19.642 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

Tot Ion:105 Resp: 1075069

Ion Ratio Lower Upper

105 100

120 26.7

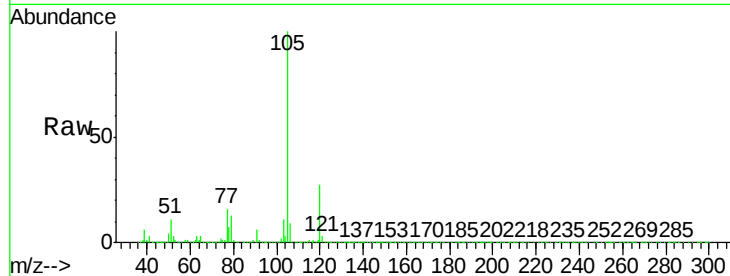
13.2

39.5

Manual Integrations
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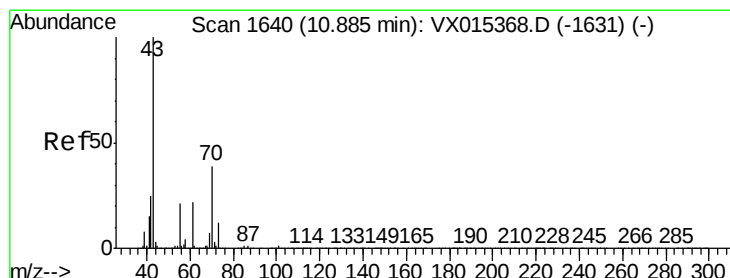
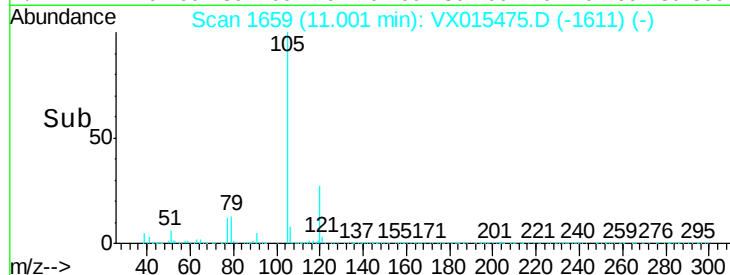
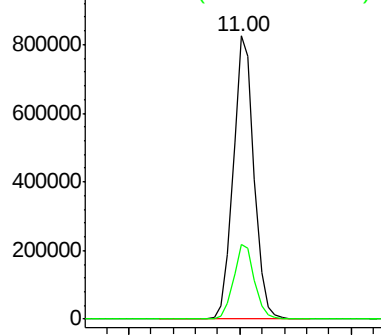
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.952 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Tgt Ion: 43 Resp: 546472

Ion Ratio Lower Upper

43 100

70 38.1

30.2

45.4

55 21.7

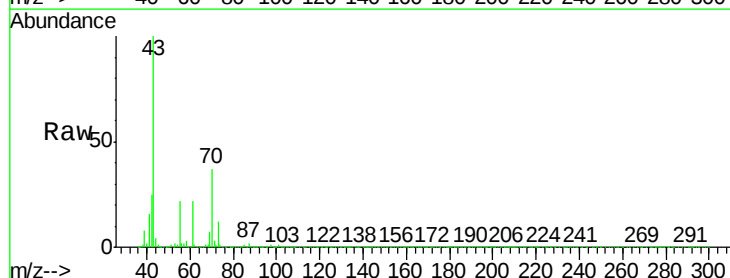
16.8

25.2

61 22.8

18.2

27.2

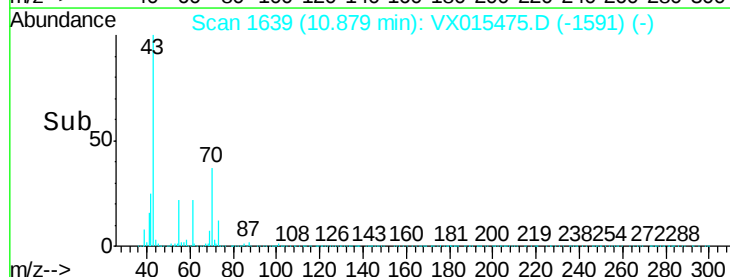
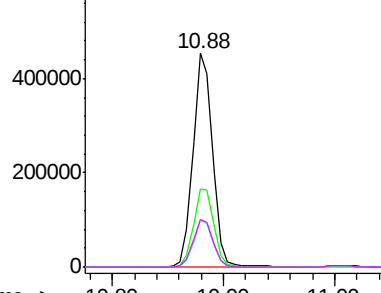


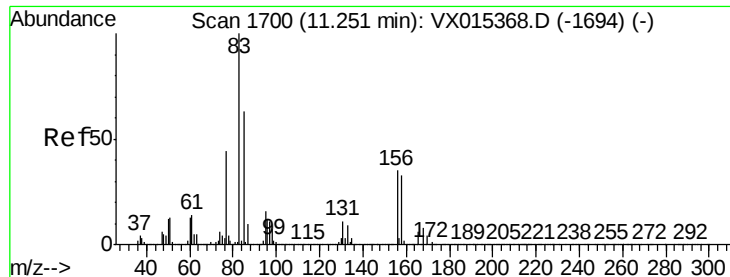
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.483 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

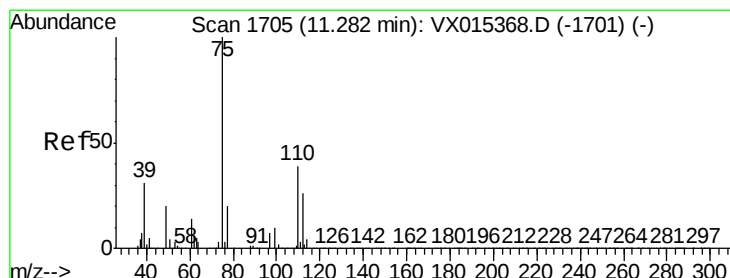
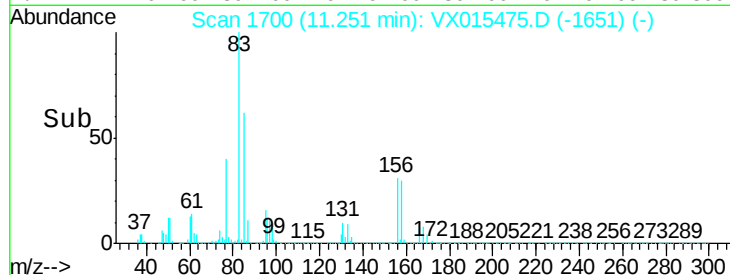
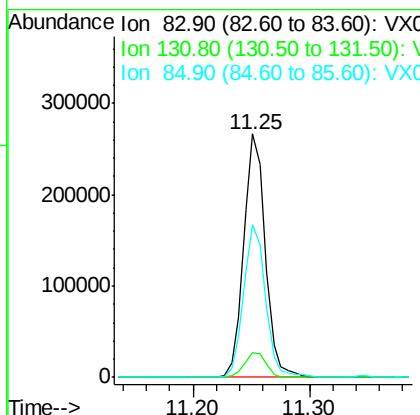
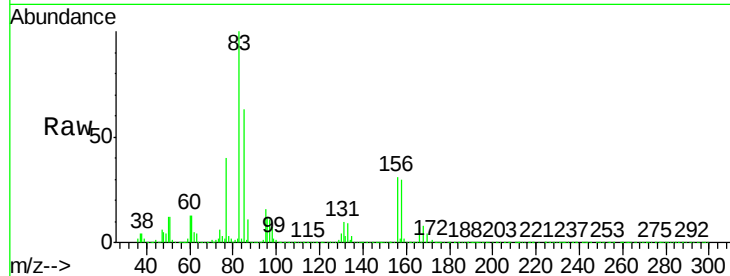
ClientSampled :

VX0402WBSD01

Tot Ion:	83	Resp:	347134
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.3	16.1
85	63.3	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.273 ug/l m

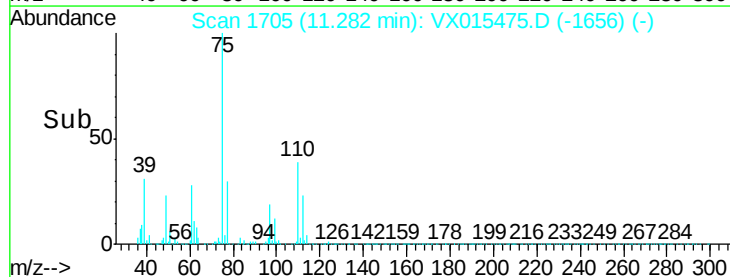
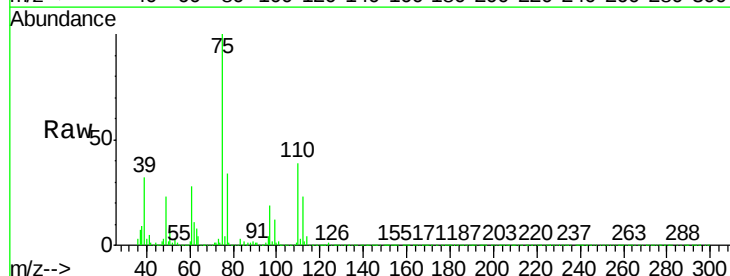
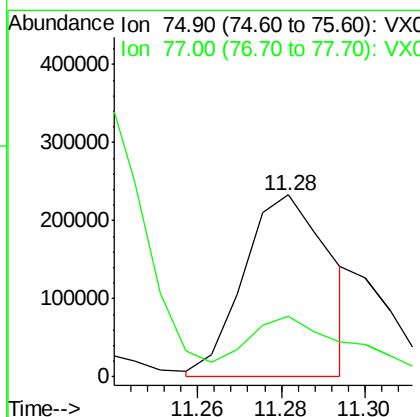
RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Tgt Ion:	75	Resp:	331063
Ion Ratio	Lower	Upper	
75	100		
77	40.3	21.2	63.6





#77

Bromobenzene

Concen: 18.972 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

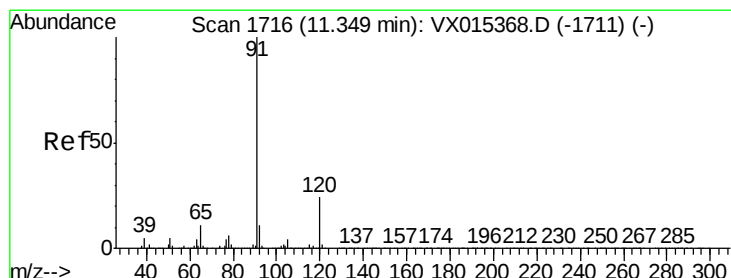
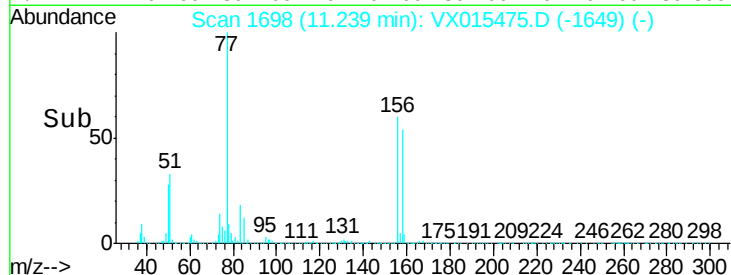
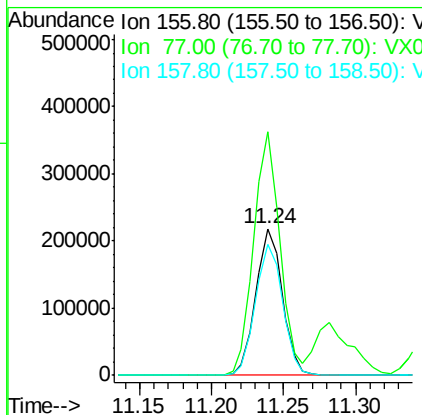
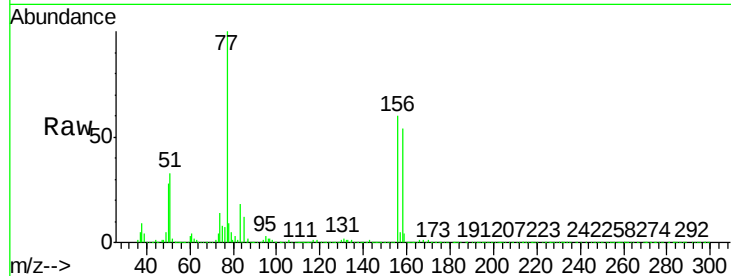
ClientSampleId :

VX0402WBSD01

Tot Ion:	156	Resp:	276972
Ion Ratio	Lower	Upper	
156	100		
77	164.1	82.2	246.5
158	92.5	49.3	147.9

Manual Integrations
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#78

n-propylbenzene

Concen: 19.690 ug/l

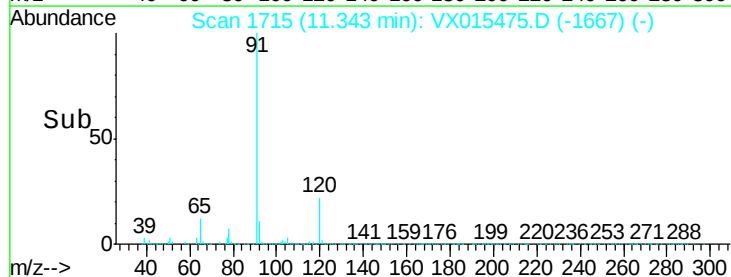
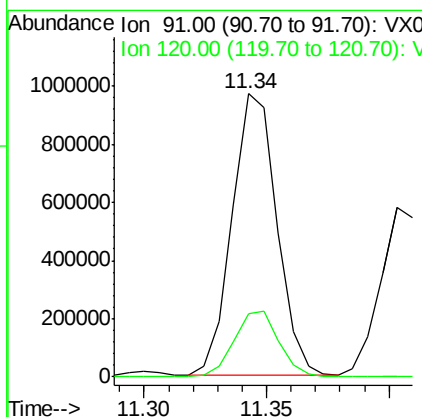
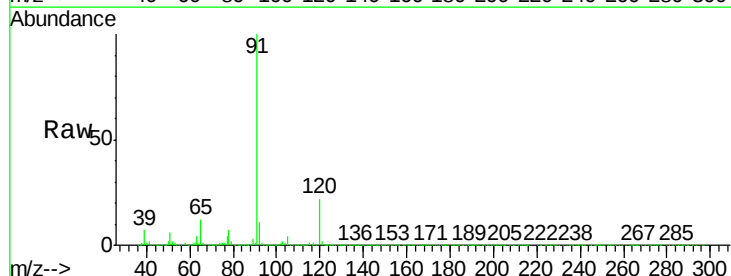
RT: 11.34 min Scan# 1715

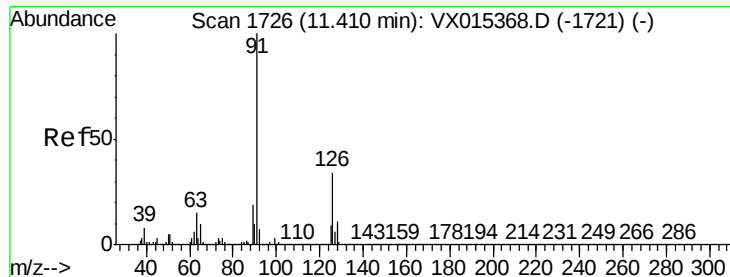
Delta R.T. -0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Tgt Ion:	91	Resp:	1232291
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.7	35.0





#79

2-Chlorotoluene

Concen: 19.368 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

Tot Ion: 91 Resp: 742941

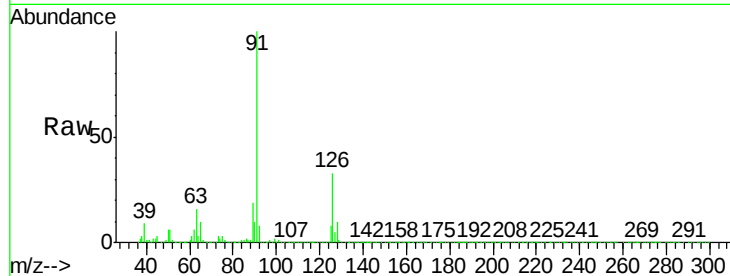
Ion Ratio Lower Upper

91 100

126 33.8 16.5 49.5

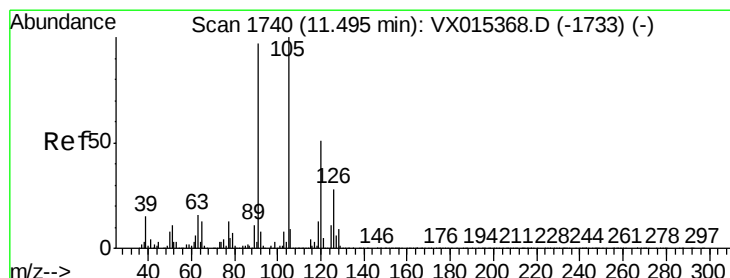
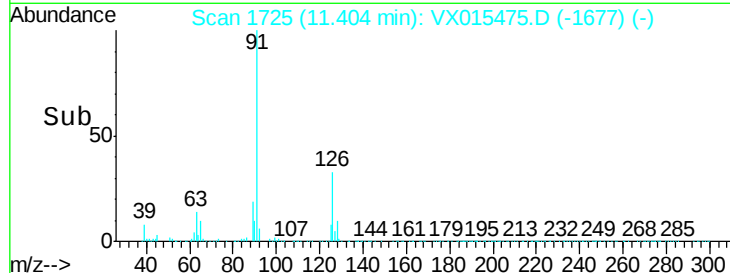
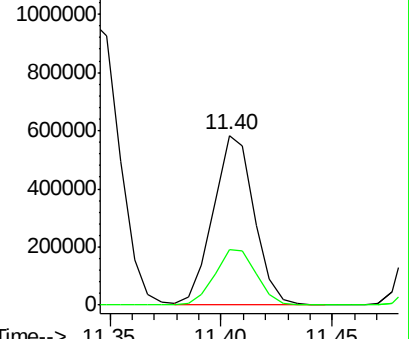
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VX015368.D (-1721) (-)

Ion 125.90 (125.60 to 126.60): VX015368.D (-1721) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.666 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015475.D

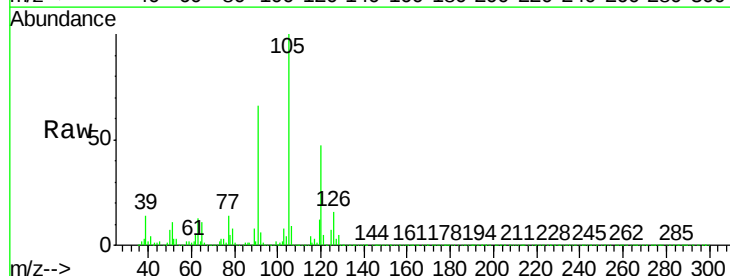
Acq: 02 Apr 2020 12:43

Tgt Ion: 105 Resp: 919257

Ion Ratio Lower Upper

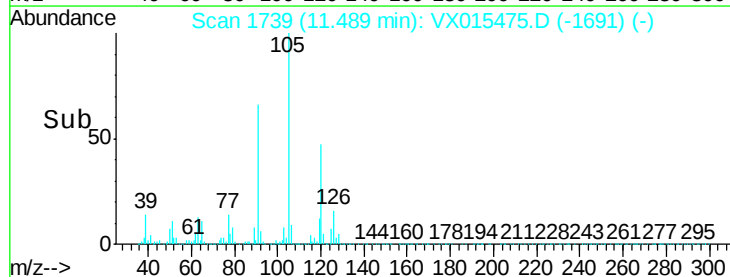
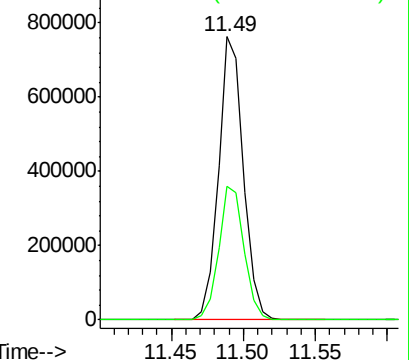
105 100

120 48.1 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VX015368.D (-1733) (-)

Ion 120.00 (119.70 to 120.70): VX015368.D (-1733) (-)





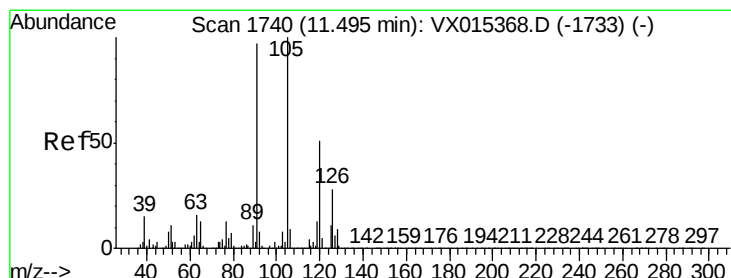
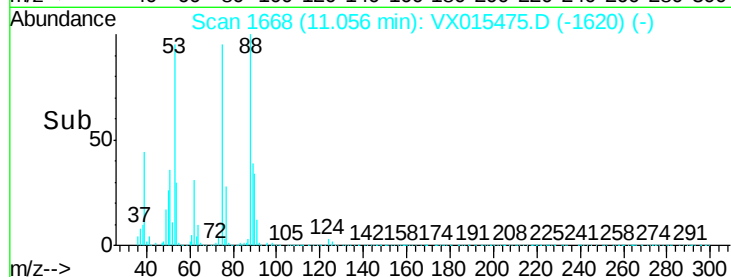
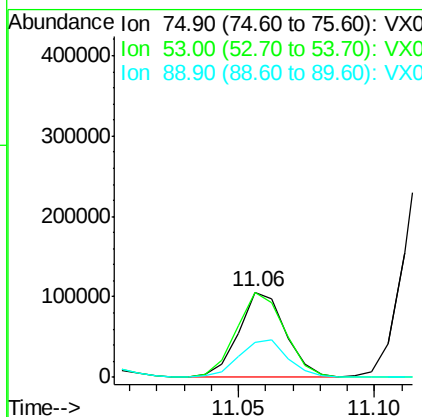
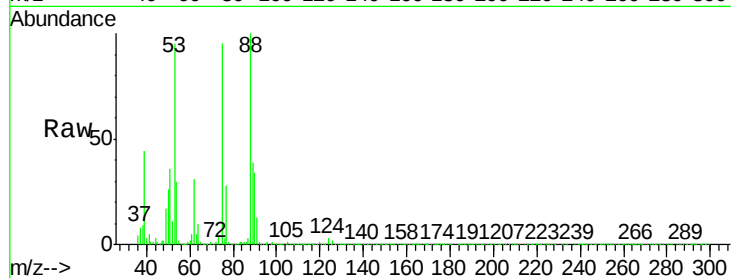
#81
trans-1,4-Dichloro-2-butene
Concen: 17.630 ug/l
RT: 11.06 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.2	80.1	120.1
89	46.0	36.1	54.1

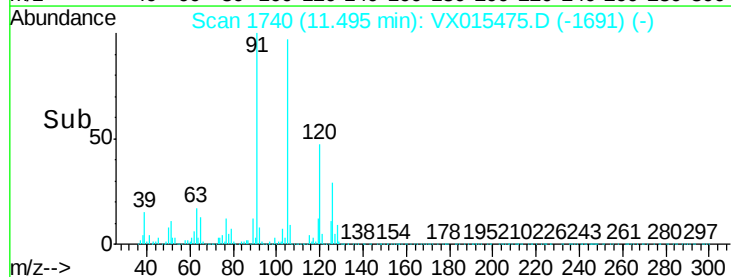
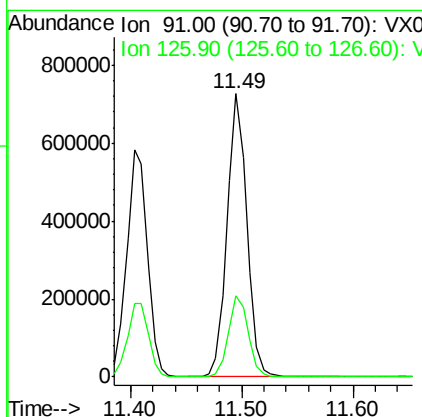
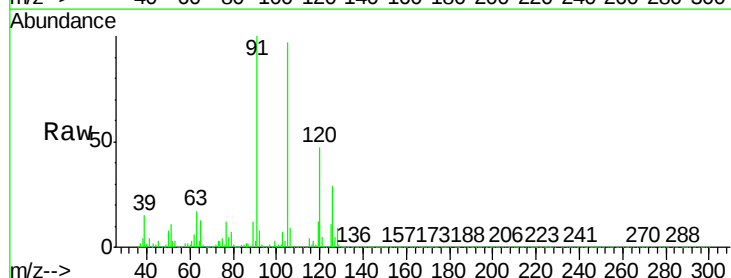
Manual Integrations
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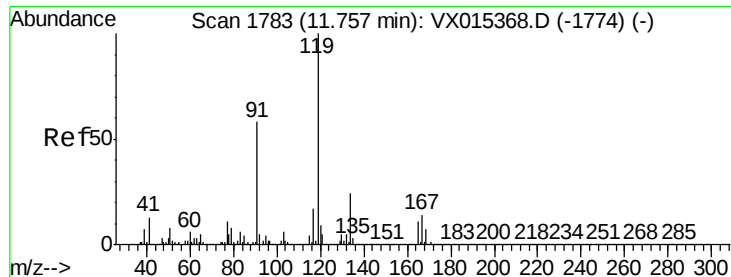
MMDadoda
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#82
4-Chlorotoluene
Concen: 19.798 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.7	14.7	44.1





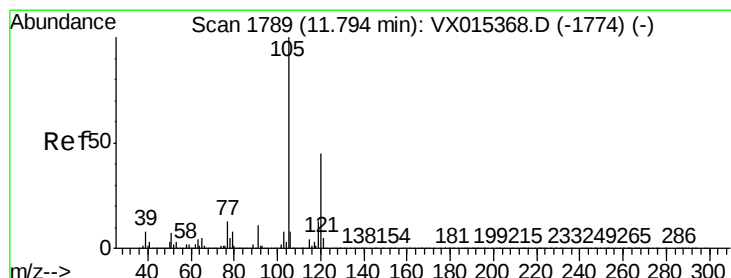
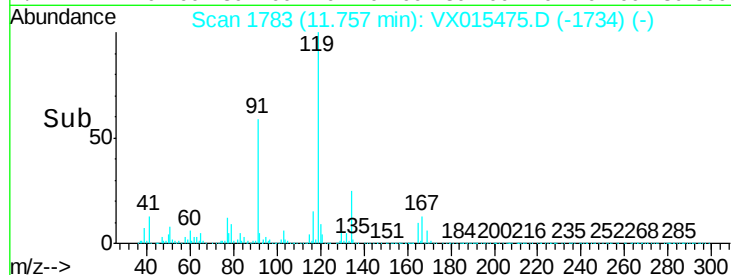
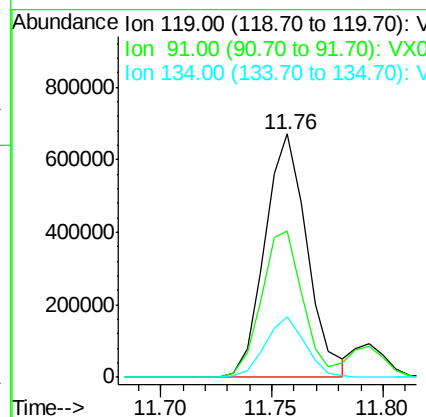
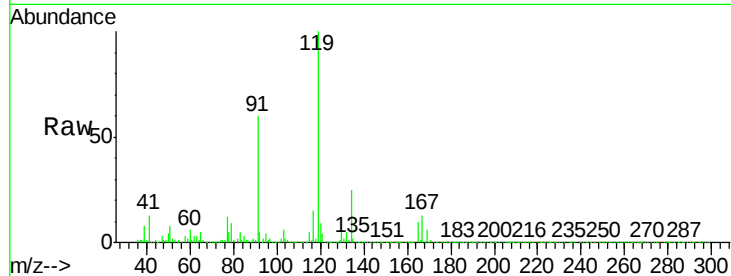
#83
tert-Butylbenzene
Concen: 19.388 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	885215		
91	58.4	28.6	85.8	
134	23.5	11.8	35.3	

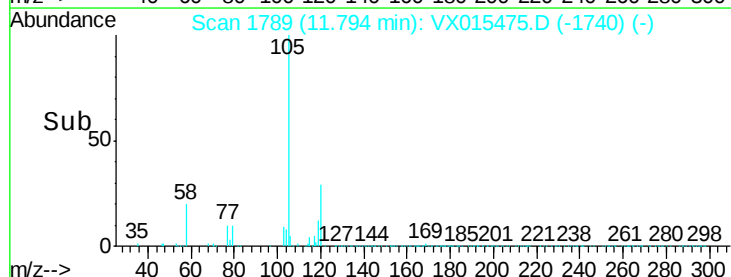
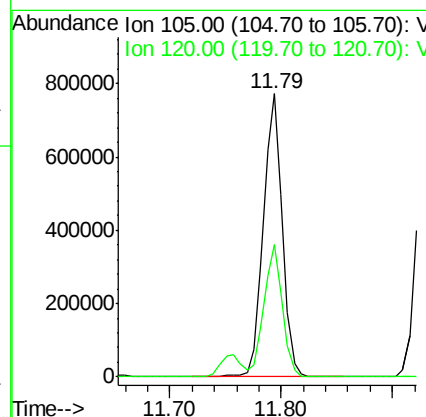
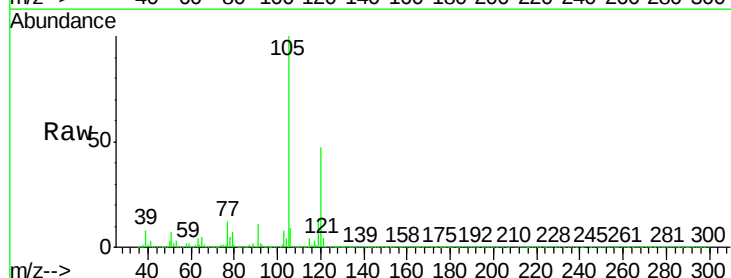
Manual Integrations
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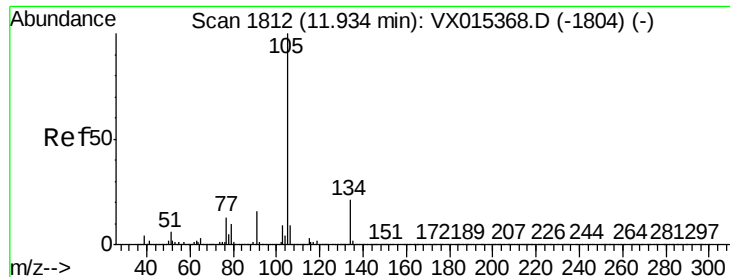
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 19.256 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	917214		
120	45.7	22.7	68.1	





#85

sec-Butylbenzene

Concen: 19.672 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0402WBSD01

Tot Ion:105 Resp: 1038765

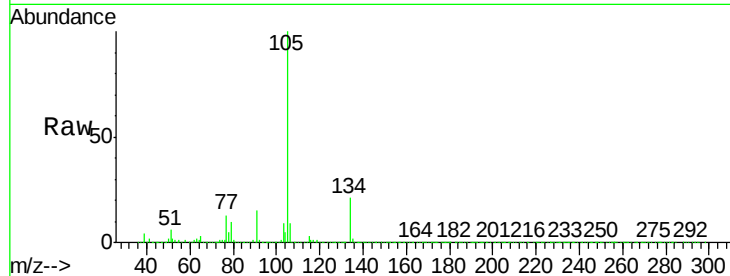
Ion Ratio Lower Upper

105 100

134 20.5 10.4 31.1

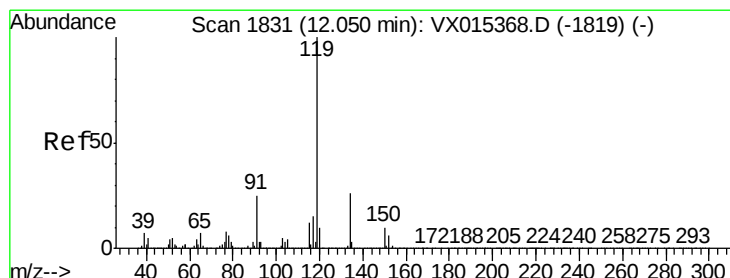
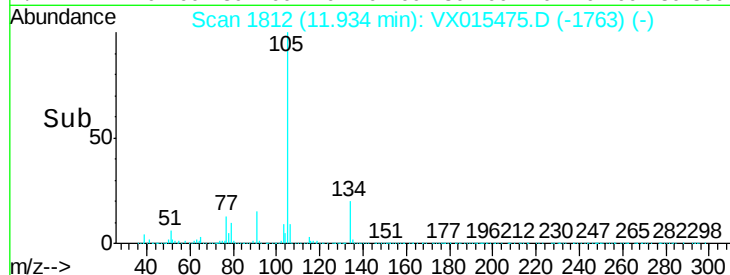
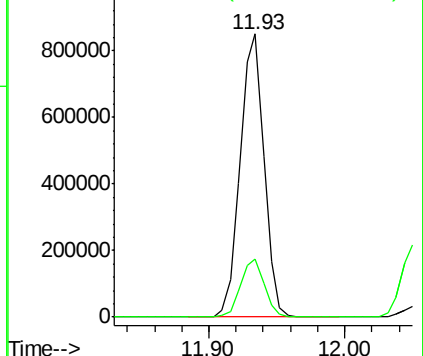
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.987 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015475.D

Acq: 02 Apr 2020 12:43

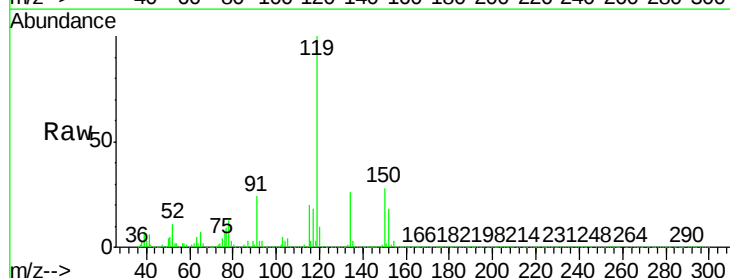
Tgt Ion:119 Resp: 979807

Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.3

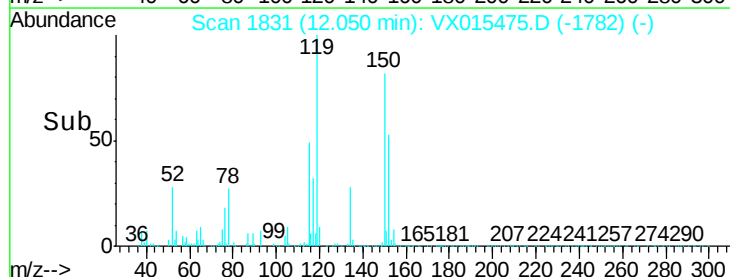
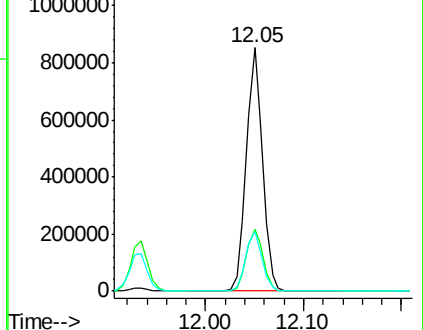
91 25.0 12.4 37.4

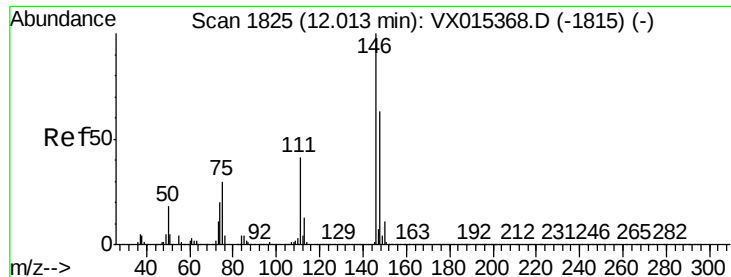


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





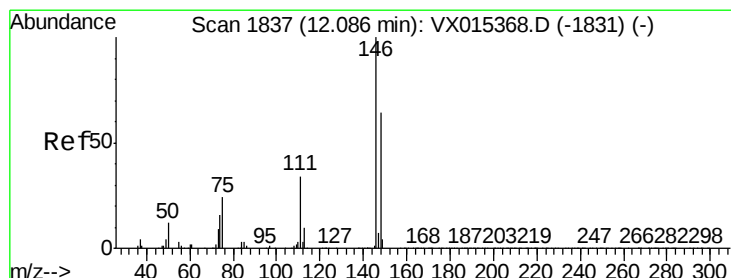
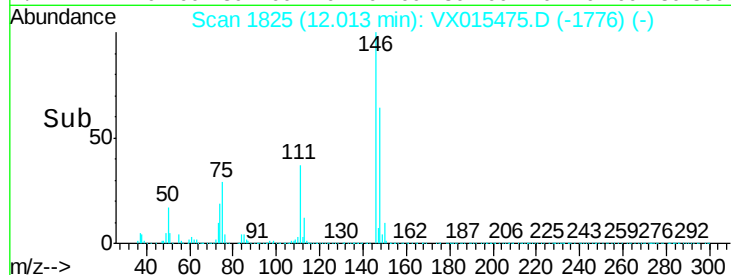
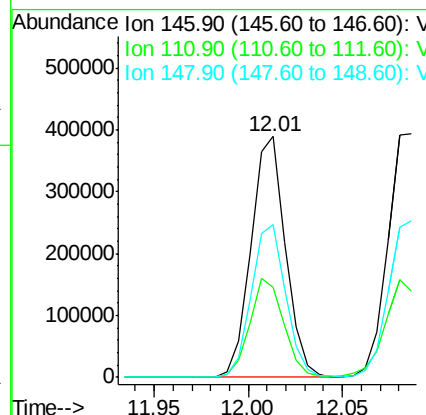
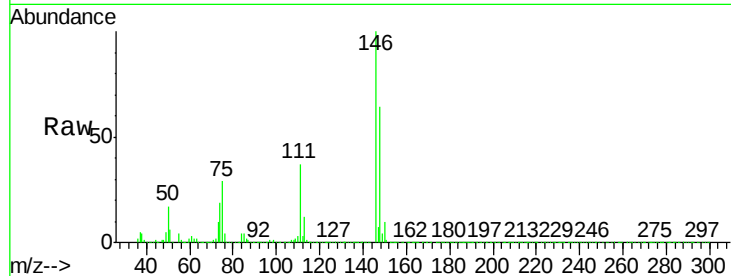
#87
 1,3-Dichlorobenzene
 Concen: 18.824 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015475.D
 Acq: 02 Apr 2020 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.3	60.9
148	63.4	31.3	93.9

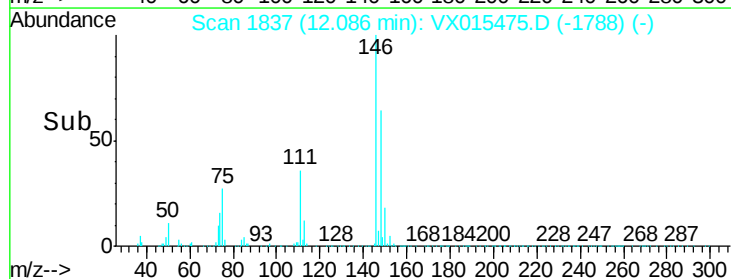
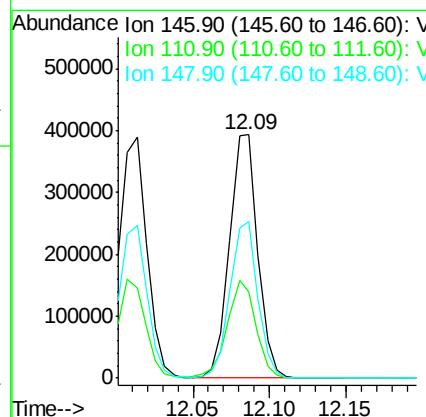
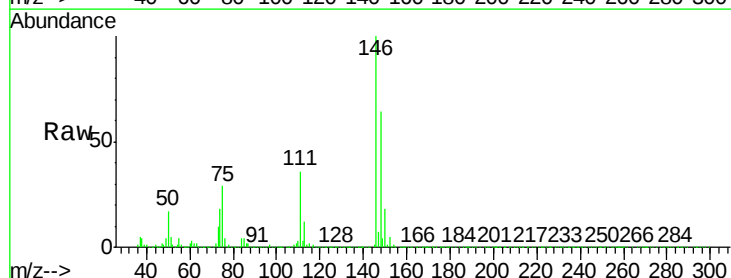
Manual Integrations
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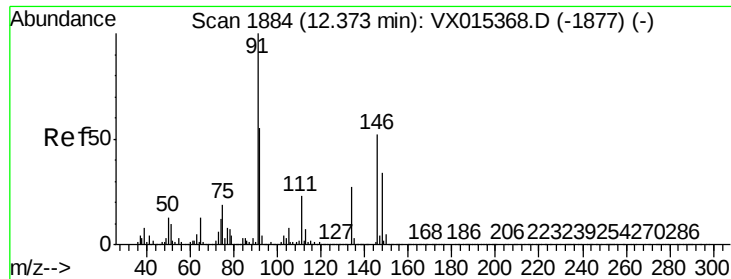
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#88
 1,4-Dichlorobenzene
 Concen: 18.819 ug/l
 RT: 12.09 min Scan# 1837
 Delta R.T. 0.00 min
 Lab File: VX015475.D
 Acq: 02 Apr 2020 12:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	19.1	57.5
148	63.6	32.4	97.2





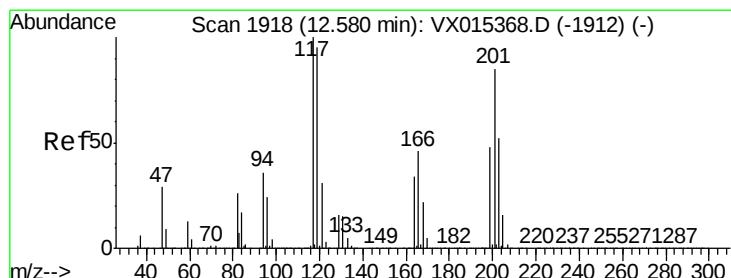
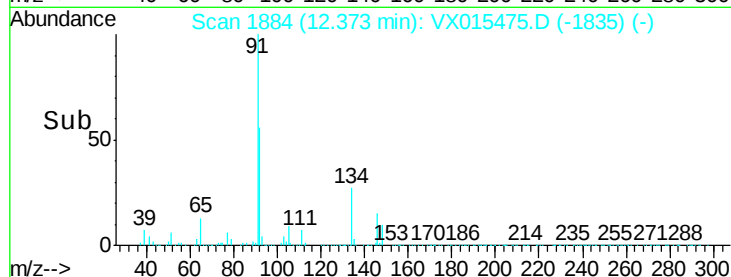
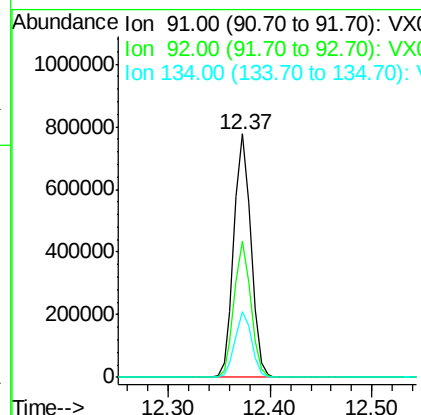
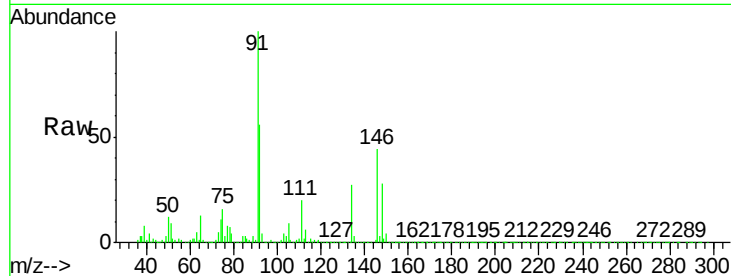
#89
n-Butylbenzene
Concen: 20.303 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Instrument :
MSVOA_X
ClientSampled :
VX0402WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	899415		
92	54.3	27.2	81.5	
134	26.2	13.4	40.2	

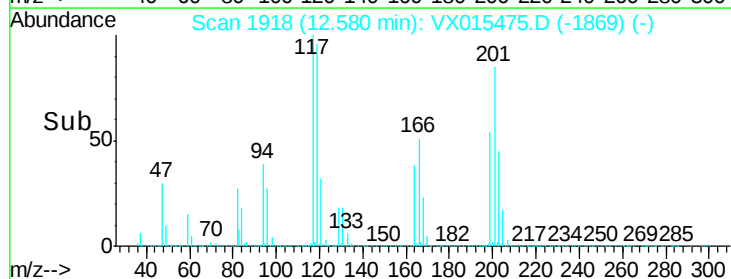
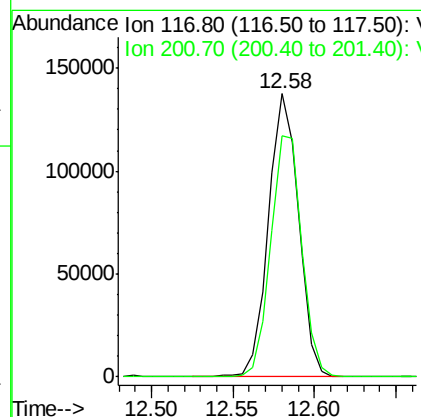
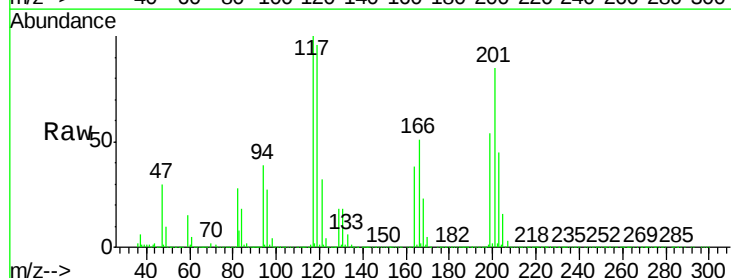
Manual Integrations
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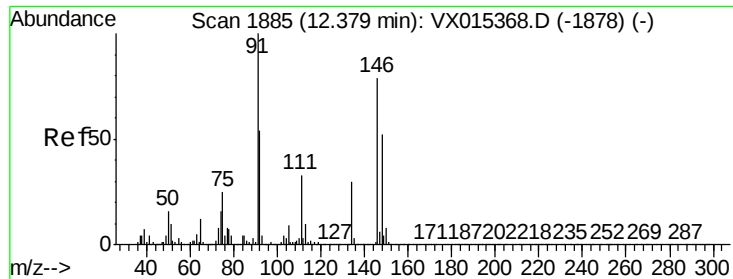
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#90
Hexachloroethane
Concen: 18.408 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	175638		
201	88.7	42.6	128.0	





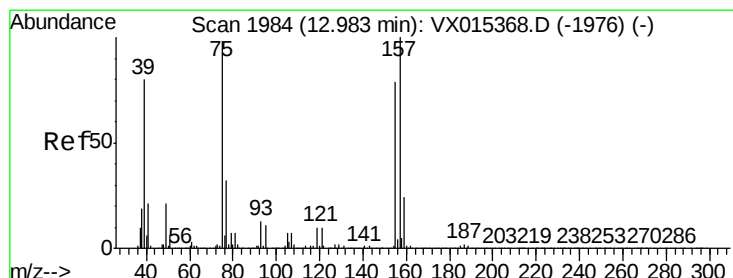
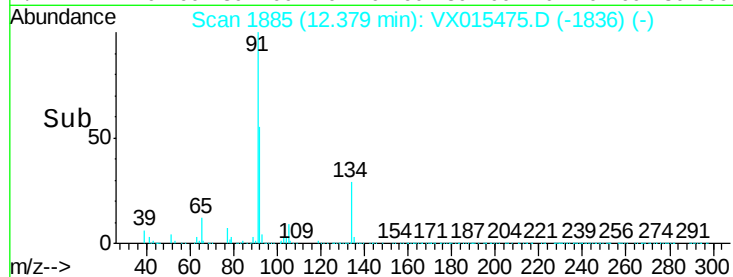
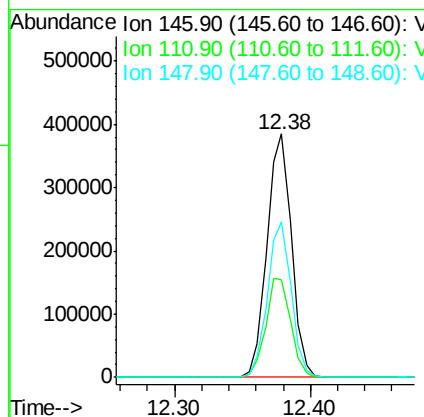
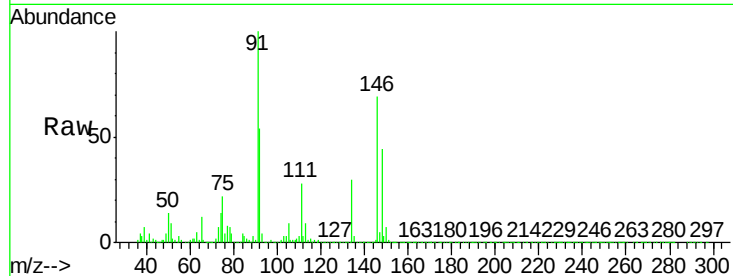
#91
 1,2-Dichlorobenzene
 Concen: 19.026 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015475.D
 Acq: 02 Apr 2020 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.5	21.0	63.0	
148	62.0	32.4	97.0	

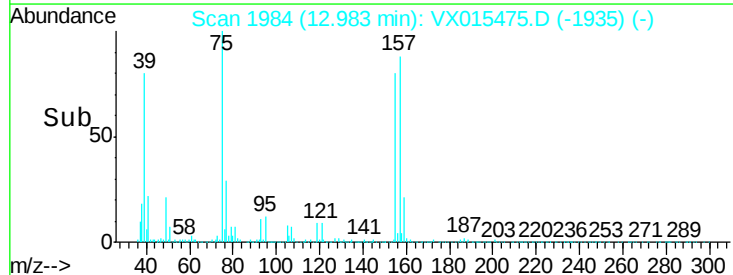
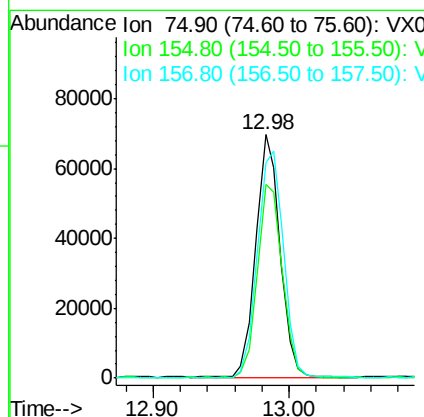
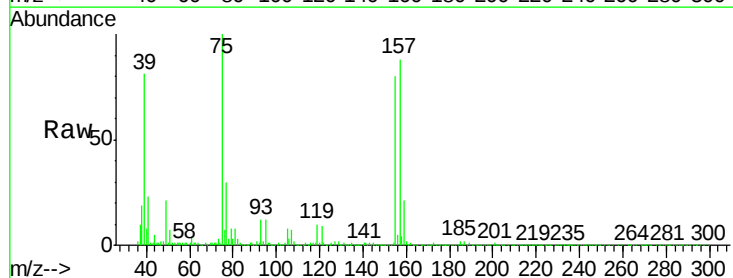
Manual Integrations
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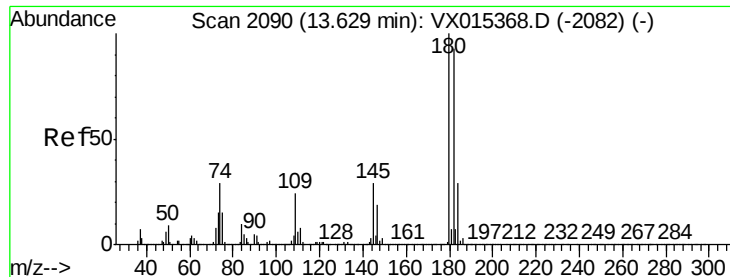
MMDadoda
 4/3/2020 12:36:35 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.504 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015475.D
 Acq: 02 Apr 2020 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	81.9	42.8	128.4	
157	100.1	53.4	160.3	





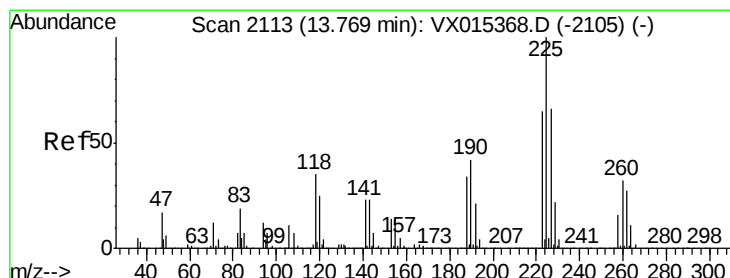
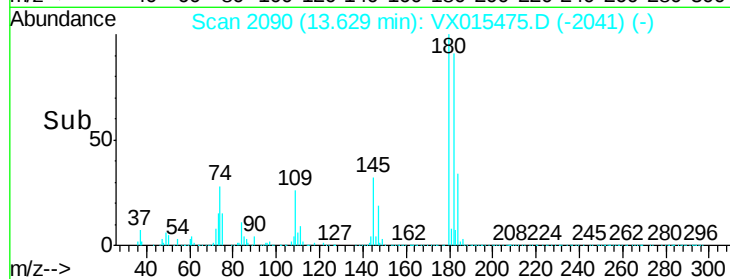
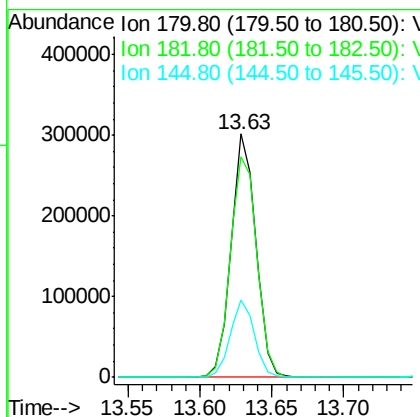
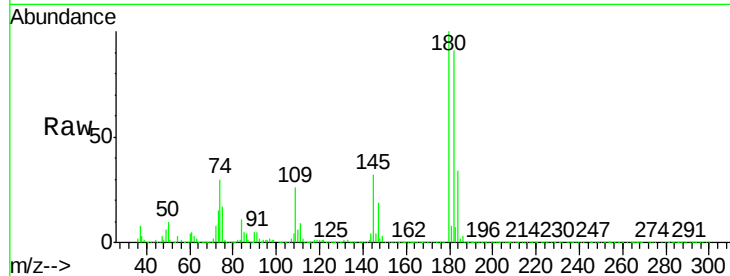
#93
 1,2,4-Trichlorobenzene
 Concen: 18.027 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015475.D
 Acq: 02 Apr 2020 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0402WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	364708		
182	97.0	46.9	140.7	
145	31.3	14.9	44.5	

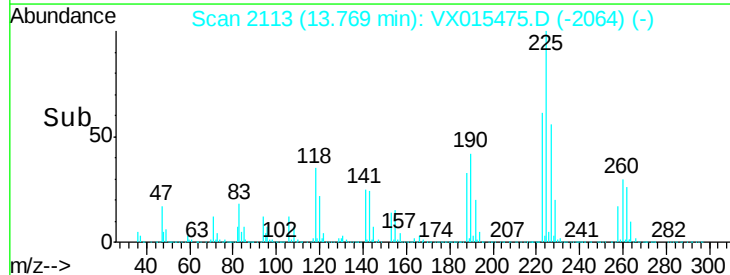
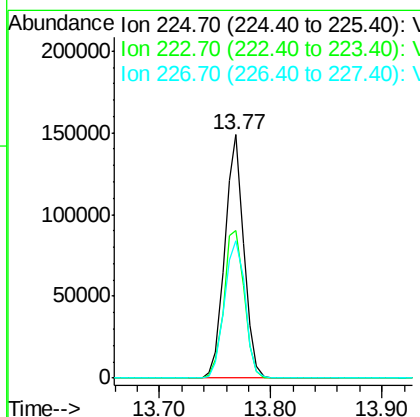
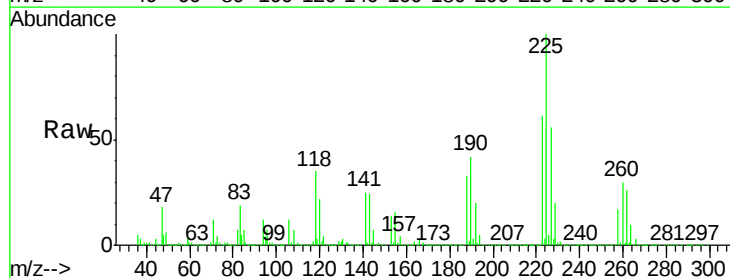
Manual Integrations
 APPROVED

MMDadoda
 4/3/2020 12:36:35 PM



#94
 Hexachlorobutadiene
 Concen: 18.174 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015475.D
 Acq: 02 Apr 2020 12:43

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	175058		
223	65.2	31.9	95.7	
227	61.0	30.4	91.3	





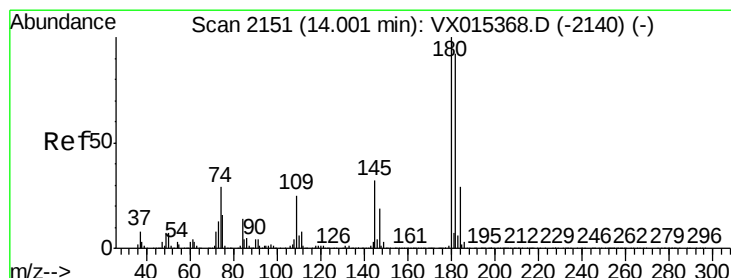
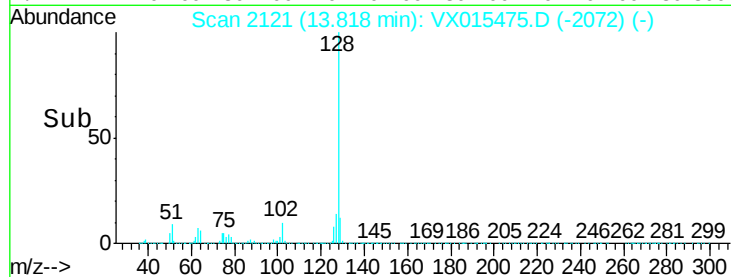
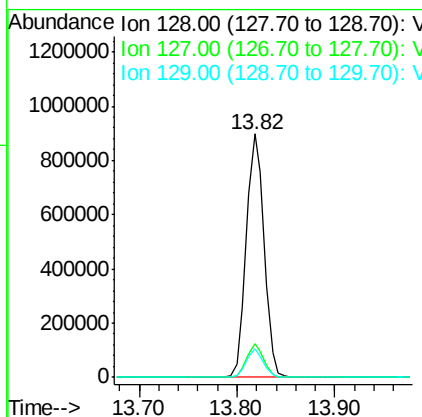
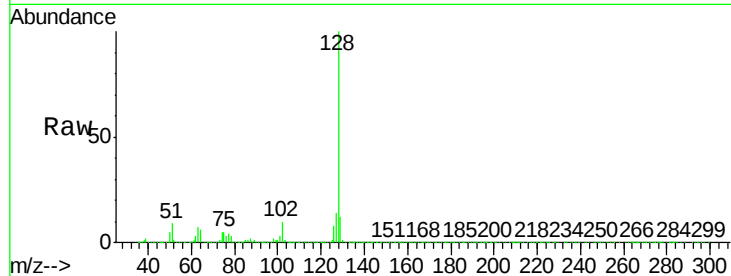
#95
Naphthalene
Concen: 18.389 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0402WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	15.8
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
4/3/2020 12:36:35 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.595 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015475.D
Acq: 02 Apr 2020 12:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	46.7	140.0
145	32.8	15.8	47.3

