

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015875.D
 Acq On : 23 Apr 2020 05:28
 Operator : JC/SP
 Sample : L2380-12MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421MS

Manual Integrations
 APPROVED

MMDadoda
 4/23/2020 12:16:45 PM

Quant Time: Apr 23 08:18:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	960361	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1467798	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1396248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	699316	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	545227	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
35) Dibromofluoromethane	5.47	113	429819	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
50) Toluene-d8	8.70	98	1648087	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
62) 4-Bromofluorobenzene	11.12	95	668314	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	465070	56.574	ug/l	97
3) Chloromethane	1.31	50	399835	47.491	ug/l	97
4) Vinyl Chloride	1.39	62	491047	50.390	ug/l	100
5) Bromomethane	1.62	94	156696	47.943	ug/l	95
6) Chloroethane	1.71	64	293528	52.858	ug/l	99
7) Trichlorofluoromethane	1.92	101	631511	52.231	ug/l	98
8) Diethyl Ether	2.17	74	252795	51.558	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	403810	49.234	ug/l	100
10) Methyl Iodide	2.49	142	347116	34.256	ug/l	99
11) Tert butyl alcohol	3.01	59	587977	263.465	ug/l	100
12) 1,1-Dichloroethene	2.36	96	425109	50.538	ug/l	96
13) Acrolein	2.27	56	235451	178.305	ug/l #	67
14) Allyl chloride	2.71	41	871046	48.731	ug/l	99
15) Acrylonitrile	3.12	53	1395725	269.438	ug/l	99
16) Acetone	2.42	43	1184250	249.000	ug/l	98
17) Carbon Disulfide	2.55	76	1165178	38.144	ug/l	99
18) Methyl Acetate	2.75	43	774815	49.348	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	2129640	71.716	ug/l #	49
20) Methylene Chloride	2.84	84	479354	49.648	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	466551	49.990	ug/l	98
22) Diisopropyl ether	3.83	45	1658258	51.472	ug/l	93
23) Vinyl Acetate	3.79	43	6853109	257.017	ug/l	100
24) 1,1-Dichloroethane	3.67	63	864405	51.478	ug/l	100
25) 2-Butanone	4.64	43	1922059	255.684	ug/l	99
26) 2,2-Dichloropropane	4.56	77	530624	35.375	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	538582	50.831	ug/l	96
28) Bromochloromethane	4.98	49	394561	44.781	ug/l #	98
29) Tetrahydrofuran	5.09	42	1272157	255.853	ug/l	99
30) Chloroform	5.18	83	928630	54.966	ug/l	98
31) Cyclohexane	5.56	56	1886680	118.226	ug/l	92
32) 1,1,1-Trichloroethane	5.47	97	764884	50.777	ug/l	99
36) 1,1-Dichloropropene	5.78	75	654422	50.293	ug/l	98
37) Ethyl Acetate	4.79	43	813393	52.523	ug/l	98
38) Carbon Tetrachloride	5.76	117	656912	51.252	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	2311041	140.248	ug/l	98
40) Benzene	6.12	78	9436952	240.793	ug/l	98
41) Methacrylonitrile	5.01	41	470295	54.652	ug/l	97
42) 1,2-Dichloroethane	6.17	62	753074	53.362	ug/l	94
43) Isopropyl Acetate	6.42	43	1350748	51.708	ug/l	98
44) Trichloroethene	7.19	130	636785	46.234	ug/l	91
45) 1,2-Dichloropropane	7.50	63	524162	51.035	ug/l	99
46) Dibromomethane	7.64	93	355809	47.457	ug/l #	87
47) Bromodichloromethane	7.88	83	665839	49.921	ug/l	98
48) Methyl methacrylate	7.75	41	824831	64.190	ug/l #	87
49) 1,4-Dioxane	7.72	88	214902	884.928	ug/l #	94
51) 4-Methyl-2-Pentanone	8.62	43	3877939	257.185	ug/l	99
52) Toluene	8.77	92	1309986	52.148	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	778596	47.047	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	809236	46.266	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	484258	49.368	ug/l	97
56) Ethyl methacrylate	9.16	69	915377	55.093	ug/l	90
57) 1,3-Dichloropropane	9.35	76	848443	49.775	ug/l	99
59) 2-Hexanone	9.48	43	2834561	246.766	ug/l	98
60) Dibromochloromethane	9.57	129	543115	53.615	ug/l	96
61) 1,2-Dibromoethane	9.65	107	535203	49.368	ug/l	99
64) Tetrachloroethene	9.32	164	765738	40.687	ug/l	90
65) Chlorobenzene	10.12	112	1363946	48.851	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	512667	49.122	ug/l	96
67) Ethyl Benzene	10.23	91	18975343	387.010	ug/l #	24
68) m/p-Xylenes	10.35	106	8302153	451.113	ug/l	78
69) o-Xylene	10.68	106	5661444	312.610	ug/l	92
70) Styrene	10.70	104	1738151	55.429	ug/l #	54
71) Bromoform	10.84	173	370427	54.468	ug/l #	99
73) Isopropylbenzene	11.00	105	14761837	332.373	ug/l #	74
74) N-amyl acetate	10.89	43	1155143	50.381	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	542497	57.716	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	612449m	46.056	ug/l	
77) Bromobenzene	11.24	156	594550	48.994	ug/l	96
78) n-propylbenzene	11.34	91	15807928	310.704	ug/l #	63
79) 2-Chlorotoluene	11.41	91	1759391	57.569	ug/l	94
80) 1,3,5-Trimethylbenzene	11.49	105	10674359	281.863	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.06	75	217143	39.280	ug/l	97
82) 4-Chlorotoluene	11.49	91	2744737	75.579	ug/l	79
83) tert-Butylbenzene	11.76	119	1746477	51.990	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	17189034m	437.193	ug/l	
85) sec-Butylbenzene	11.93	105	3344208	75.519	ug/l	85
86) p-Isopropyltoluene	12.05	119	2449651	59.159	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	1065723	47.842	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	1073603	48.146	ug/l	97
89) n-Butylbenzene	12.37	91	3296182	89.034	ug/l #	68
90) Hexachloroethane	12.58	117	613041	140.145	ug/l #	48
91) 1,2-Dichlorobenzene	12.38	146	1011681	47.884	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	231069	82.897	ug/l	63
93) 1,2,4-Trichlorobenzene	13.63	180	802721	48.220	ug/l #	92

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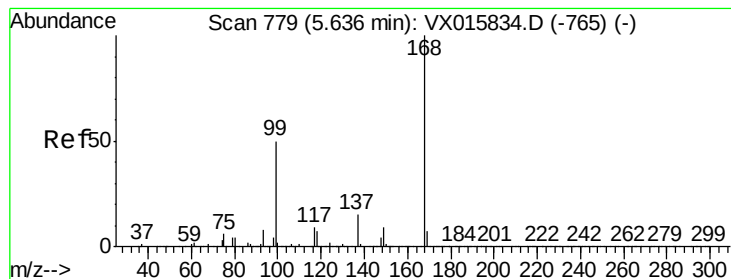
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	356280	47.734	ug/l	93
95) Naphthalene	13.82	128	12922849	269.823	ug/l #	91
96) 1,2,3-Trichlorobenzene	14.01	180	789621	48.618	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

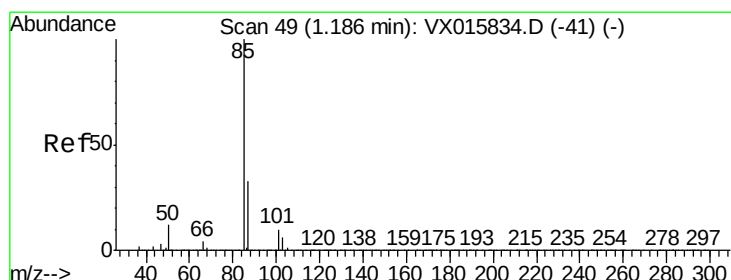
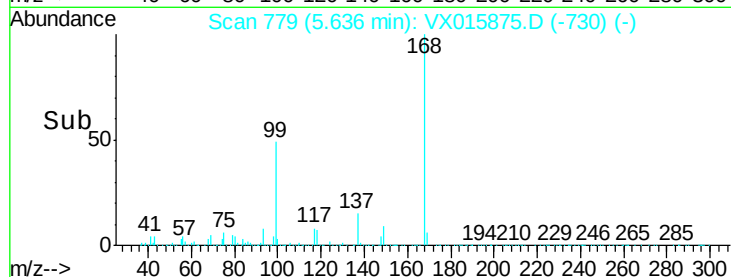
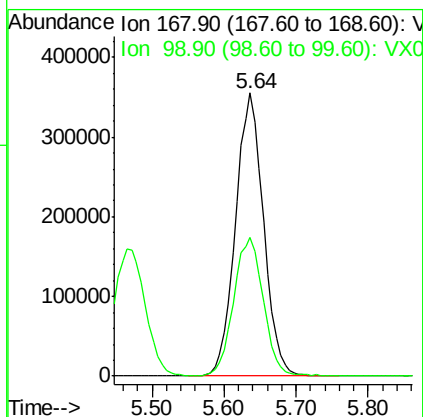
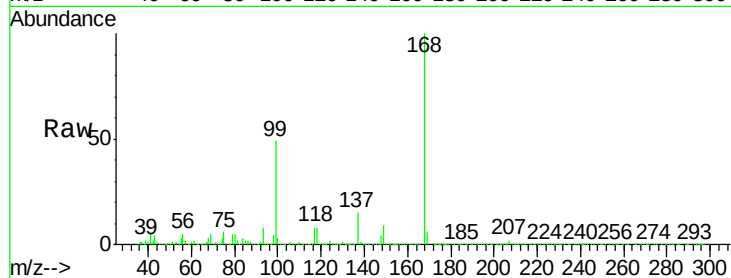
ClientSampleId :

KY001MW079-200421MS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	960361		
99	48.8	40.3	60.5	

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#2

Dichlorodifluoromethane

Concen: 56.574 ug/l

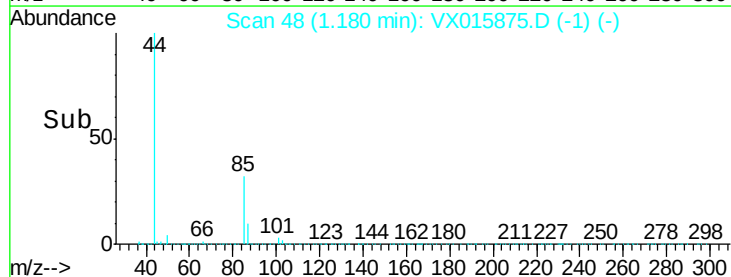
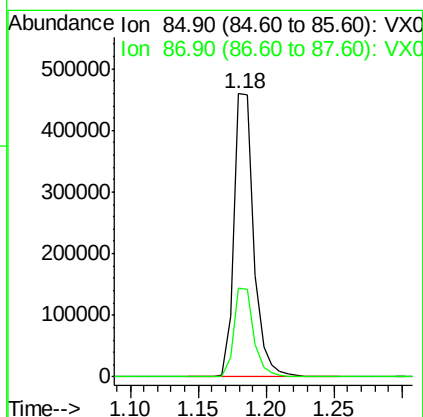
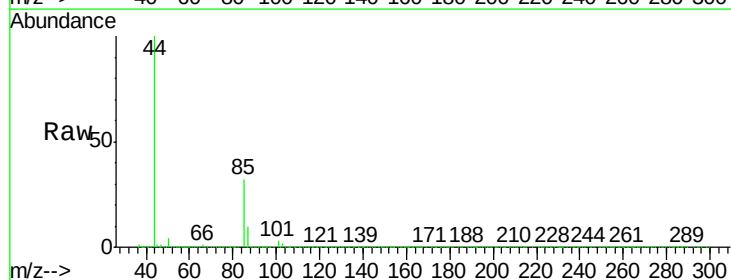
RT: 1.18 min Scan# 48

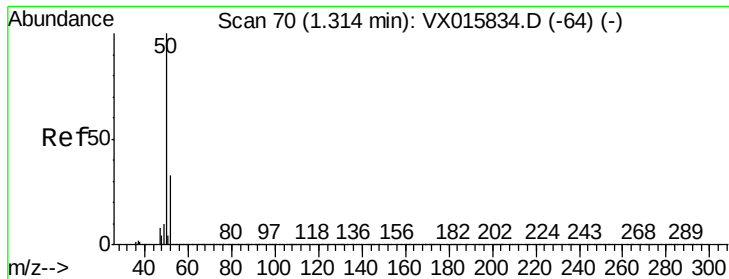
Delta R.T. -0.01 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	465070		
87	31.3	16.4	49.2	





#3

Chloromethane

Concen: 47.491 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MS

Tot Ion: 50 Resp: 399835

Ion Ratio Lower Upper

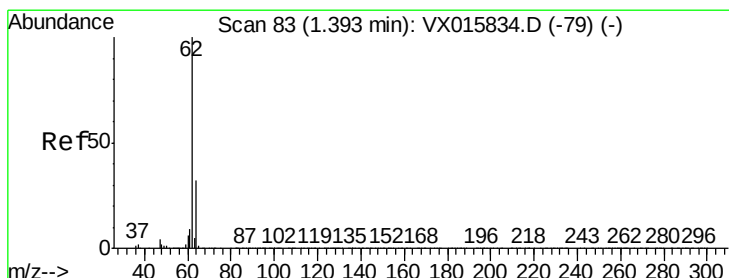
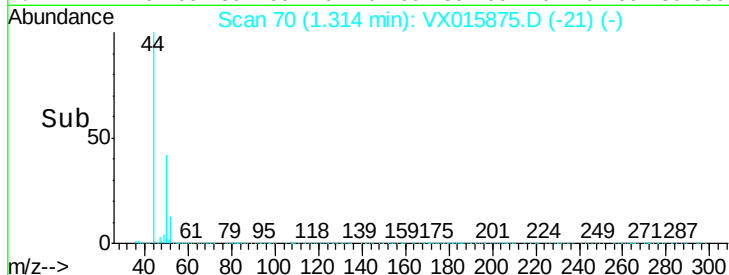
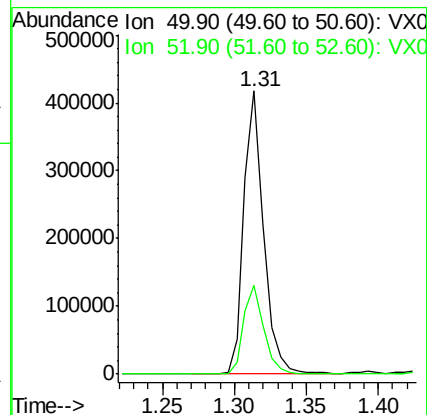
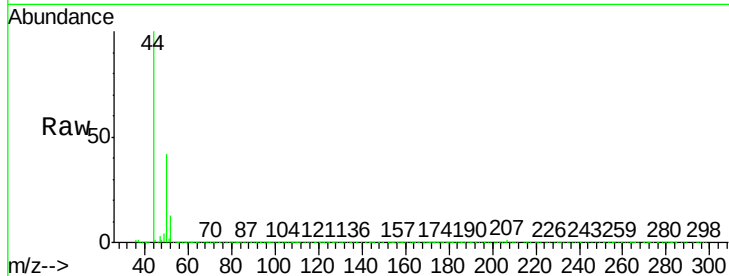
50 100

52 31.3 26.2 39.4

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#4

Vinyl Chloride

Concen: 50.390 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015875.D

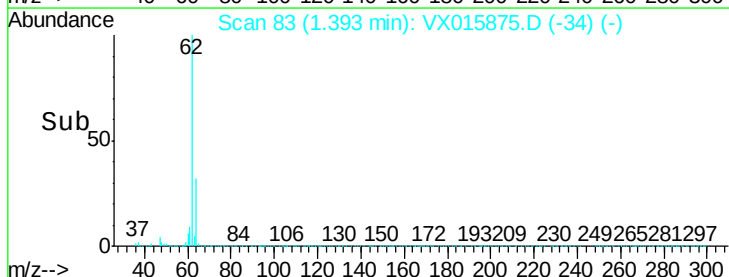
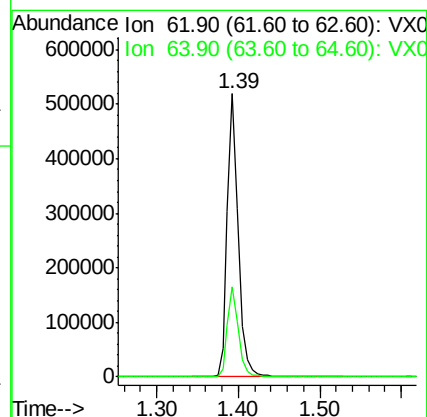
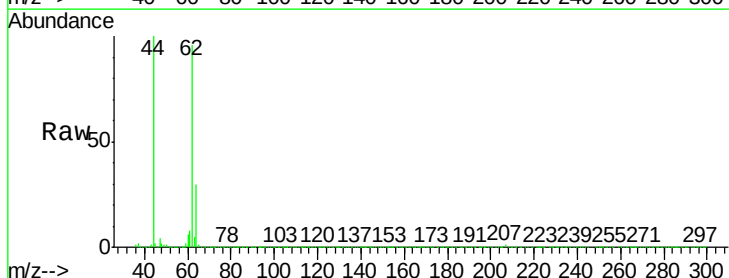
Acq: 23 Apr 2020 05:28

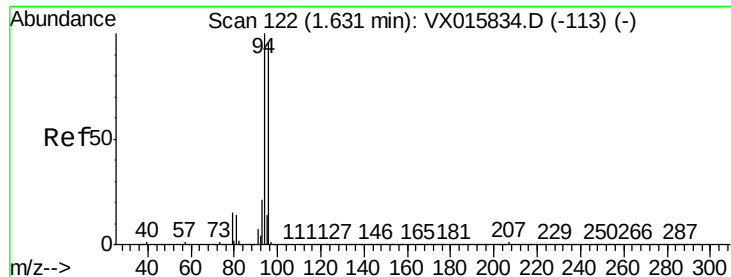
Tgt Ion: 62 Resp: 491047

Ion Ratio Lower Upper

62 100

64 31.6 25.4 38.2





#5

Bromomethane

Concen: 47.943 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

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Tot Ion: 94 Resp: 156696

Ion Ratio Lower Upper

94 100

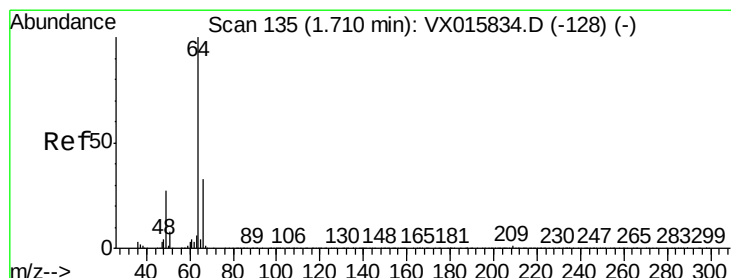
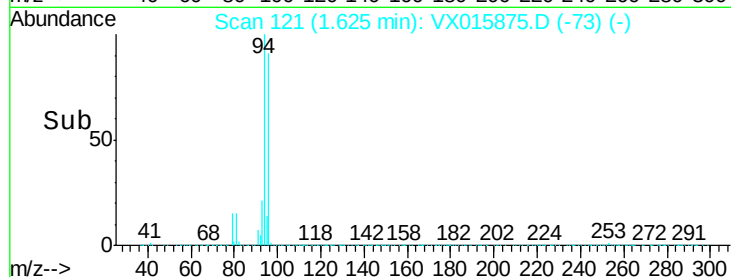
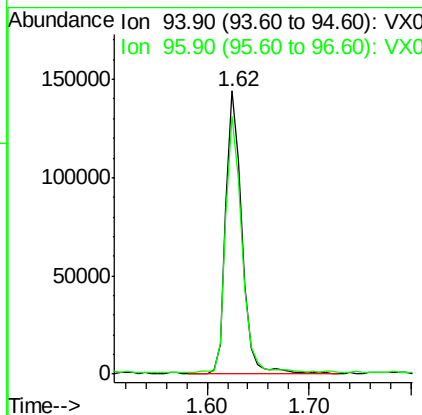
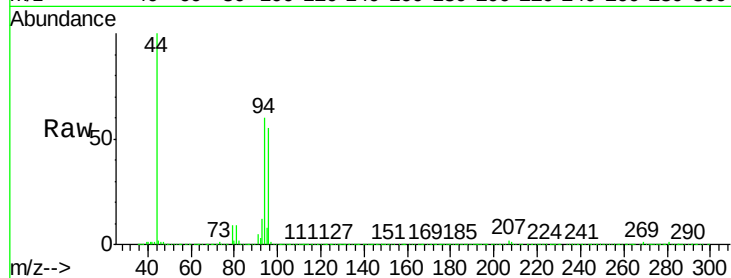
96 90.6 76.7 115.1

Manual Integrations

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#6

Chloroethane

Concen: 52.858 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX015875.D

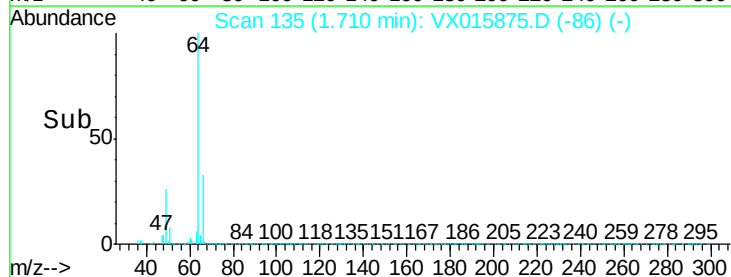
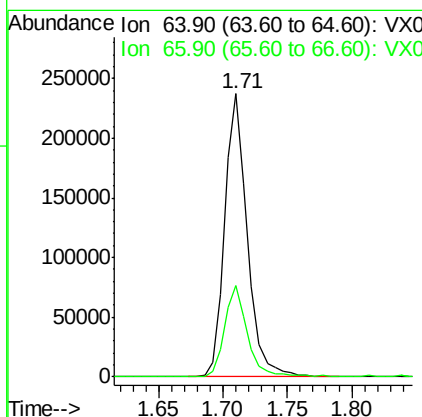
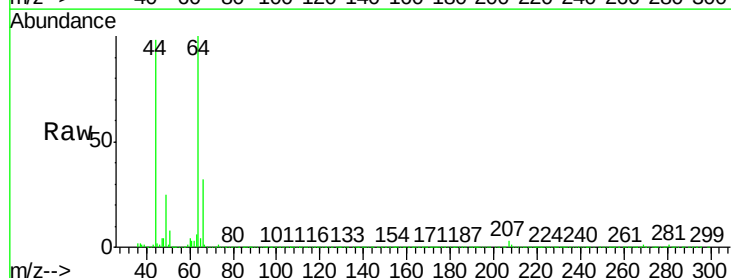
Acq: 23 Apr 2020 05:28

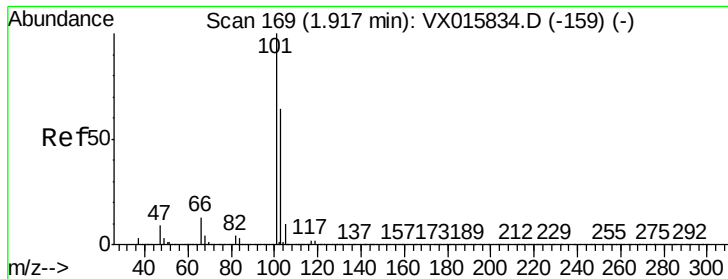
Tgt Ion: 64 Resp: 293528

Ion Ratio Lower Upper

64 100

66 31.9 26.2 39.2





#7

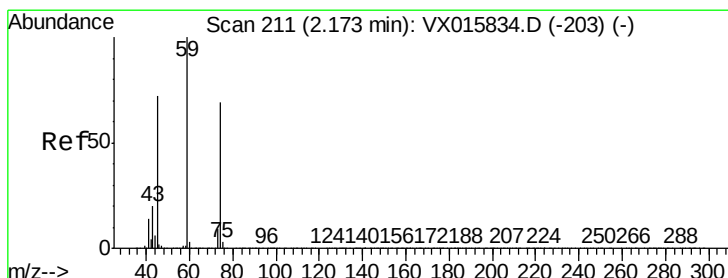
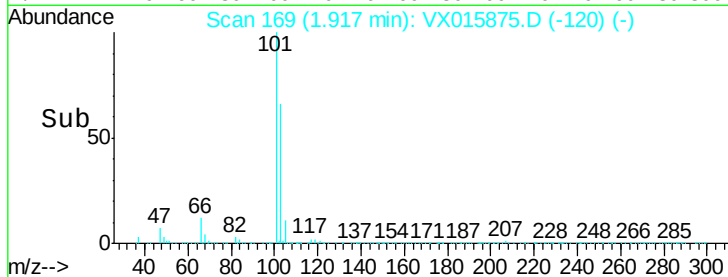
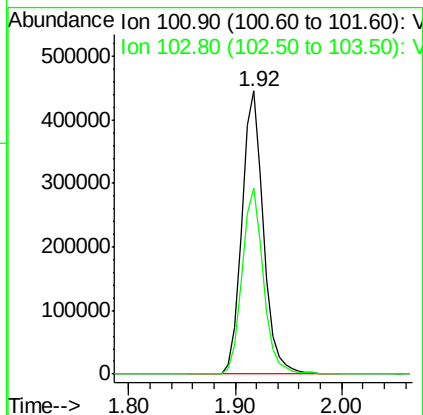
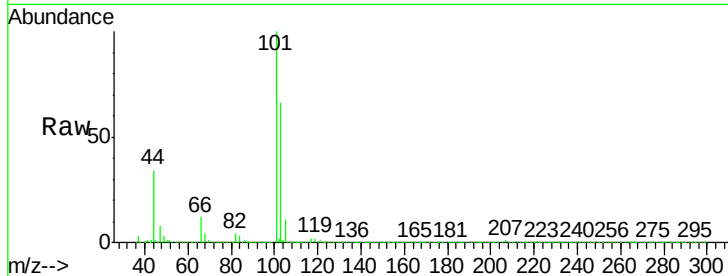
Trichlorofluoromethane
Concen: 52.231 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	51.4	77.0

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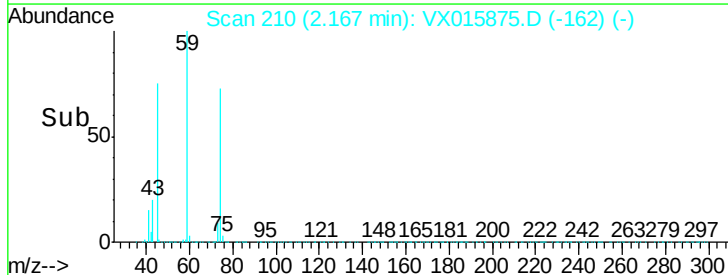
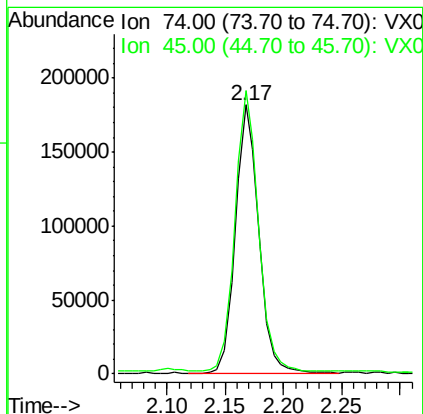
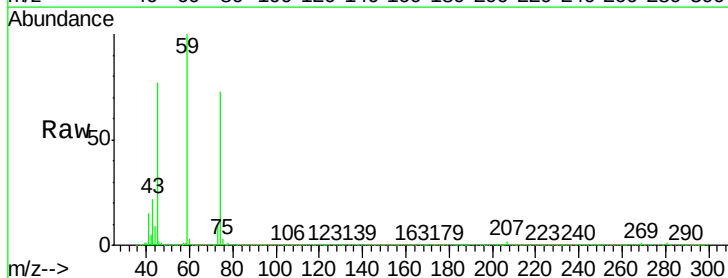
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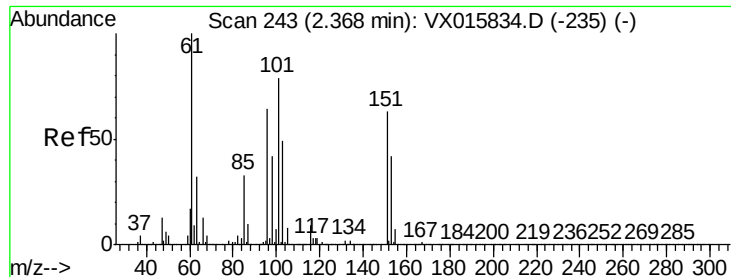


#8

Diethyl Ether
Concen: 51.558 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.01 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.0	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.234 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

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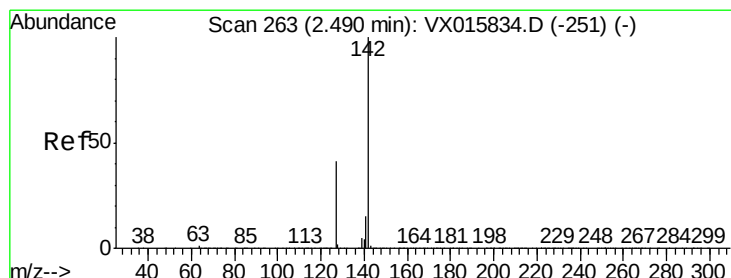
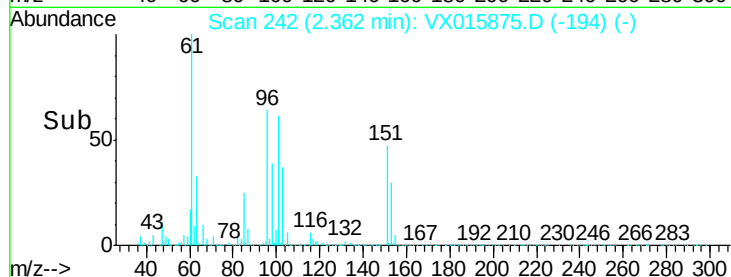
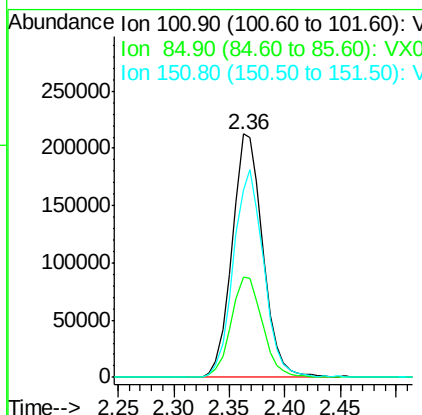
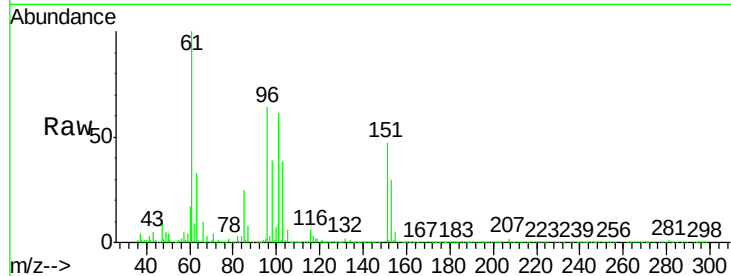
ClientSampleId :

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Tot Ion:	101	Resp:	403810
Ion Ratio	Lower	Upper	
101	100		
85	42.3	33.8	50.6
151	84.2	67.8	101.6

Manual Integrations
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#10

Methyl Iodide

Concen: 34.256 ug/l

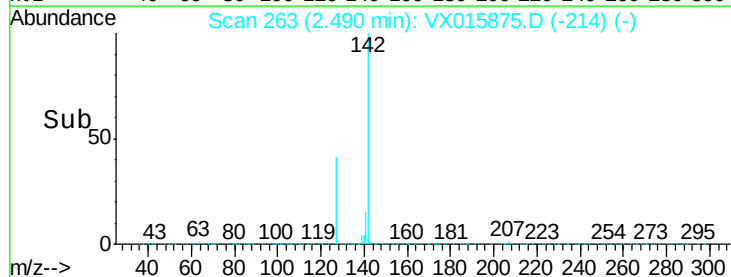
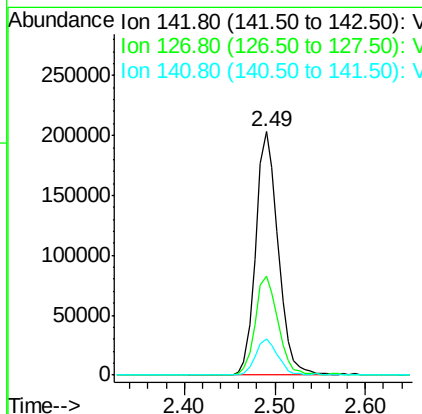
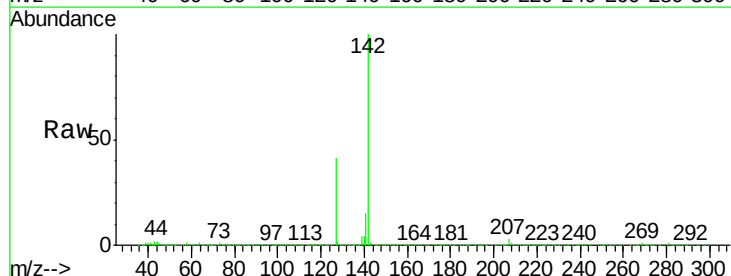
RT: 2.49 min Scan# 263

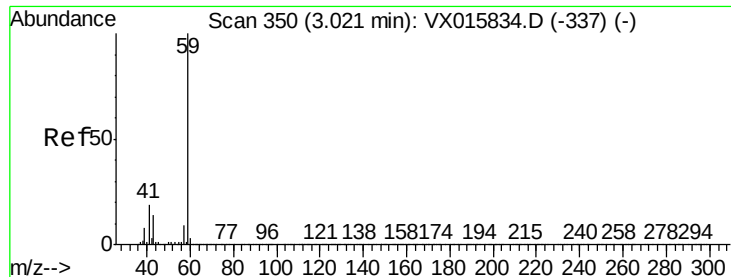
Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Tgt Ion:	142	Resp:	347116
Ion Ratio	Lower	Upper	
142	100		
127	40.7	33.3	49.9
141	14.5	11.8	17.6





#11

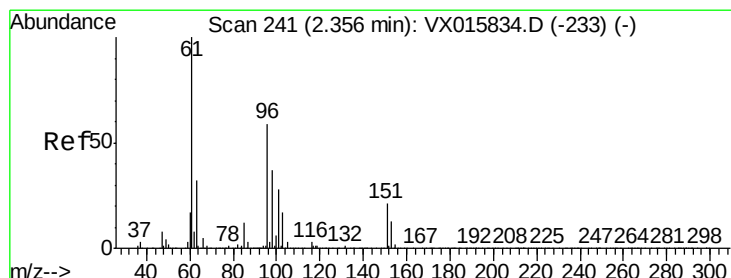
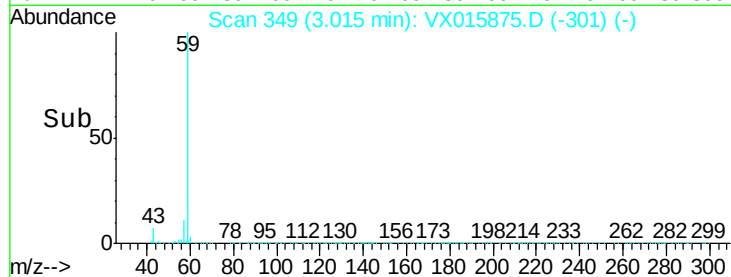
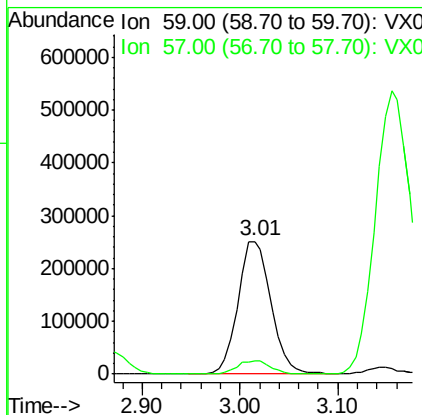
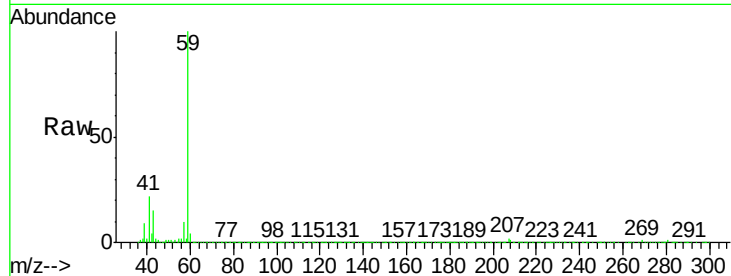
Tert butyl alcohol
Concen: 263.465 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.2	12.2

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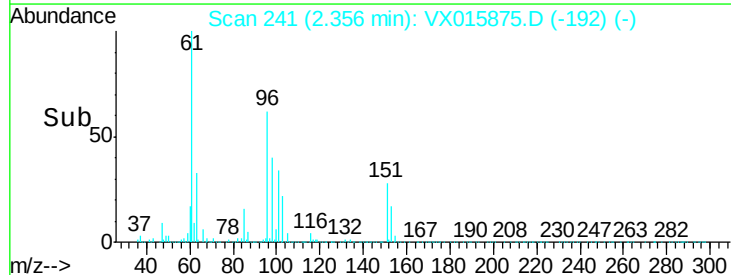
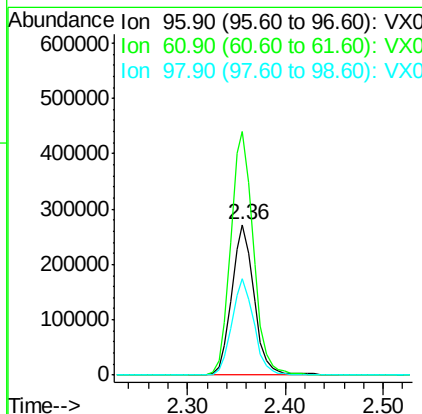
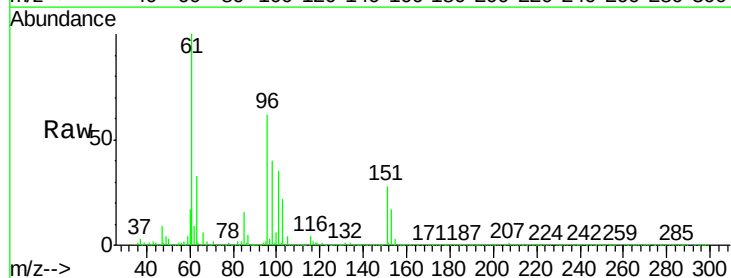
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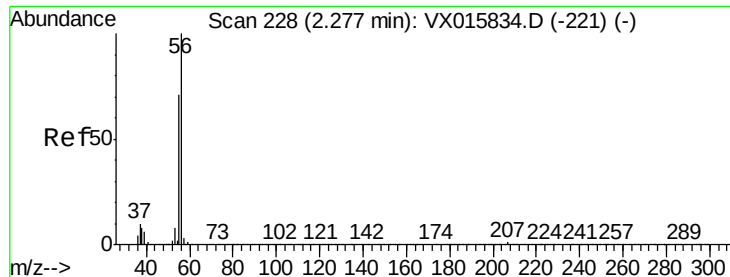


#12

1,1-Dichloroethene
Concen: 50.538 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.0	135.0	202.6
98	64.4	50.6	76.0





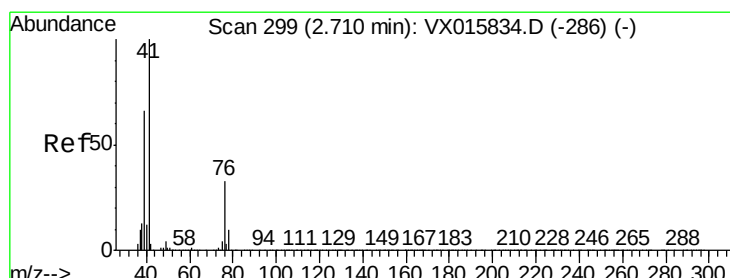
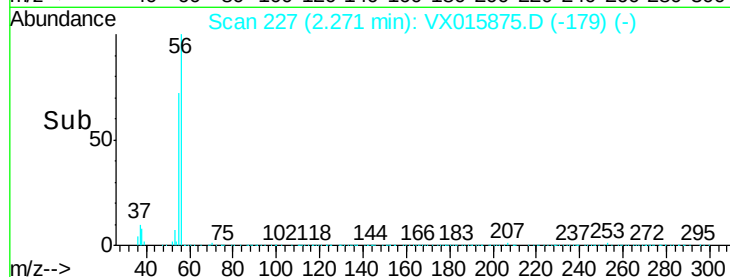
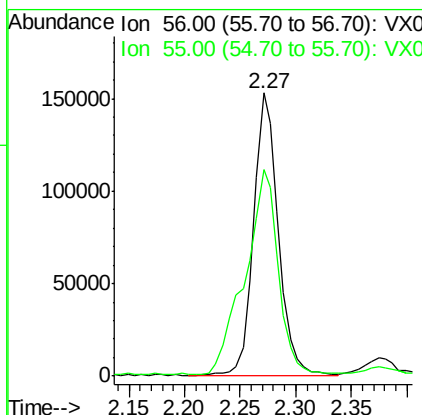
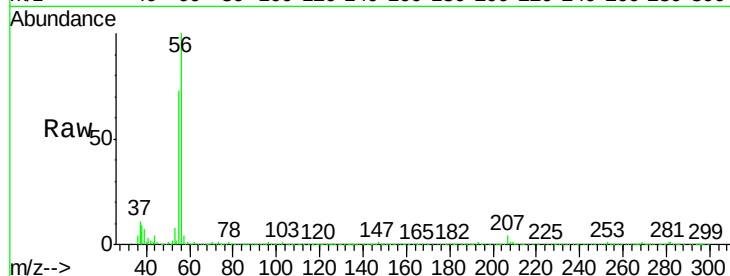
#13
Acrolein
Concen: 178.305 ug/l
RT: 2.27 min Scan# 227
Delta R.T. -0.01 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MS

Tot Ion	Ratio	Lower	Upper
56	100		
55	97.4	56.1	84.1#

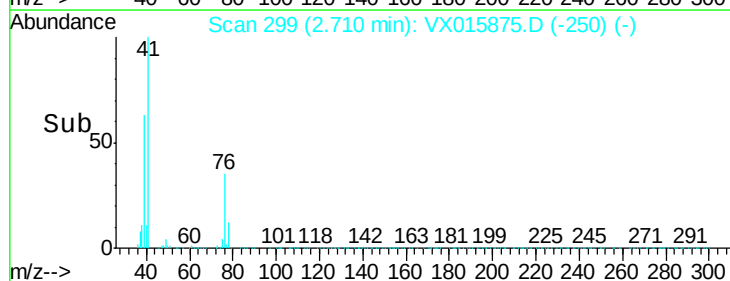
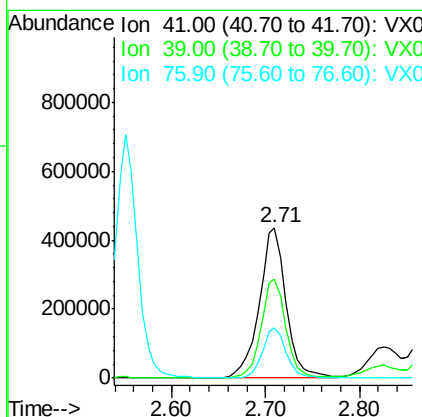
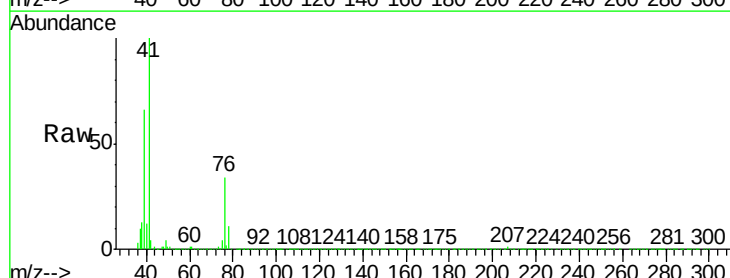
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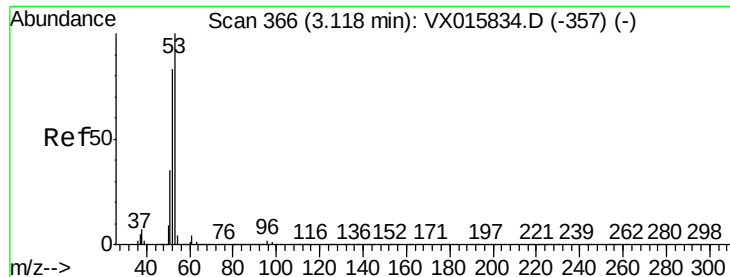
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#14
Allyl chloride
Concen: 48.731 ug/l
RT: 2.71 min Scan# 299
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Tgt Ion	Ratio	Lower	Upper
41	100		
39	60.2	48.4	72.6
76	29.3	23.8	35.8





#15

Acrylonitrile

Concen: 269.438 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

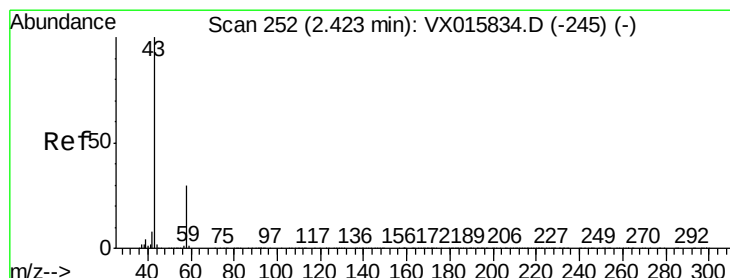
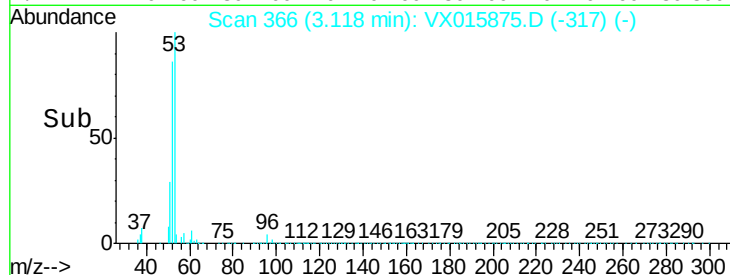
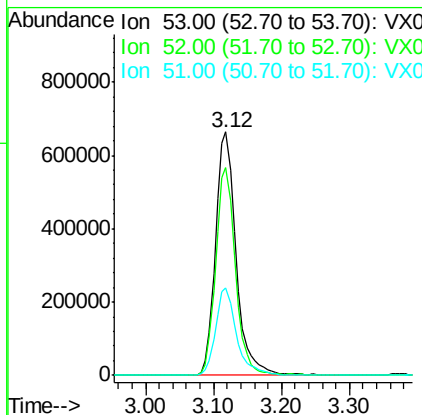
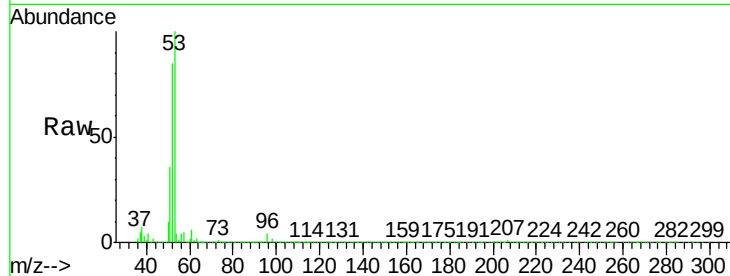
ClientSampleId :

KY001MW079-200421MS

Tot Ion:	53	Resp:	1395725
Ion	Ratio	Lower	Upper
53	100		
52	82.0	66.2	99.4
51	36.5	28.6	43.0

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#16

Acetone

Concen: 249.000 ug/l

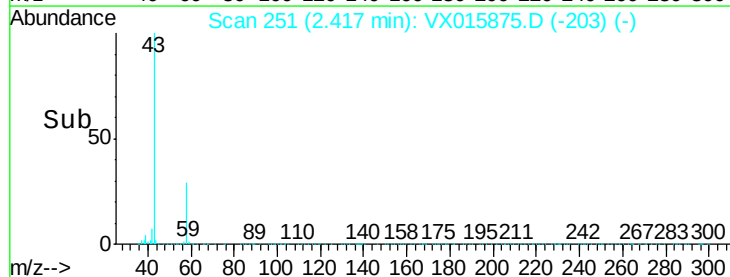
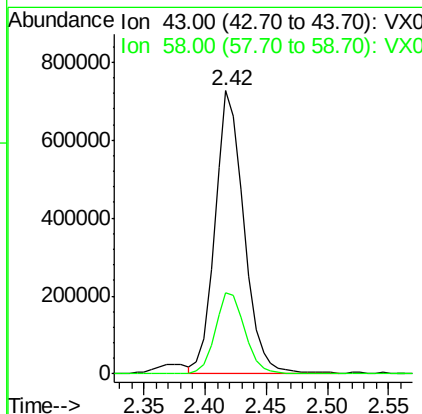
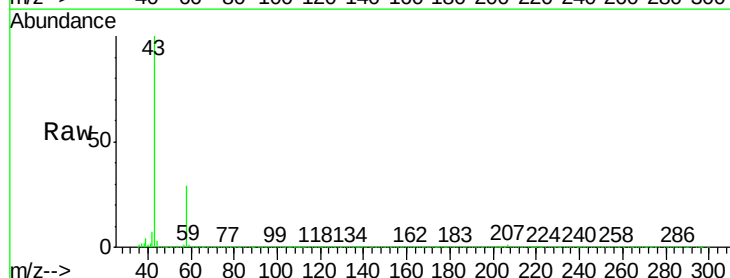
RT: 2.42 min Scan# 251

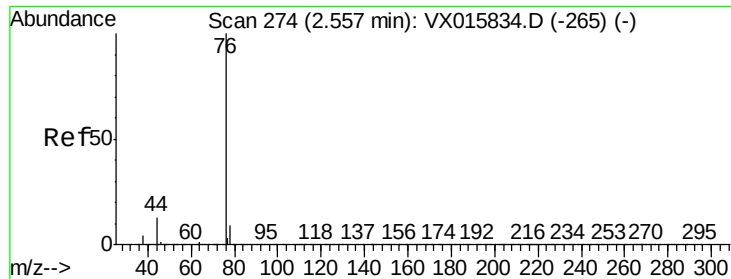
Delta R.T. -0.01 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Tgt Ion:	43	Resp:	1184250
Ion	Ratio	Lower	Upper
43	100		
58	28.7	24.0	36.0





#17

Carbon Disulfide

Concen: 38.144 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MS

Tot Ion: 76 Resp: 1165178

Ion Ratio Lower Upper

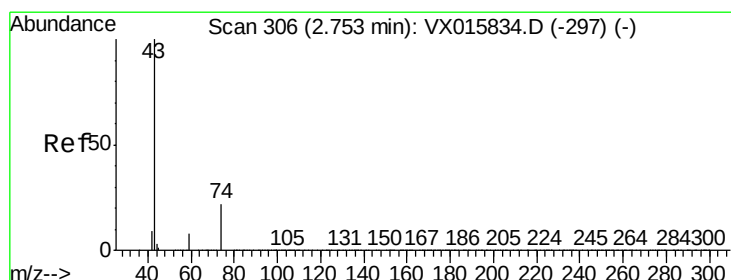
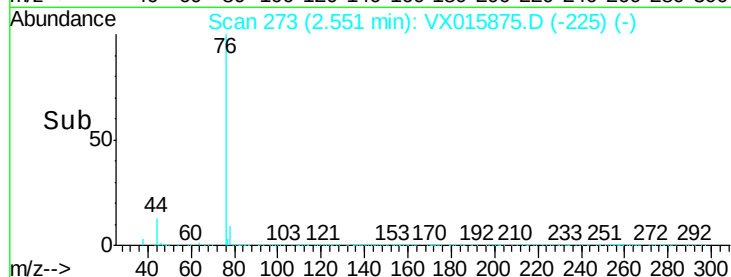
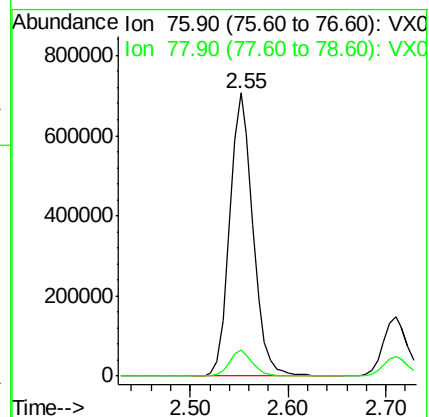
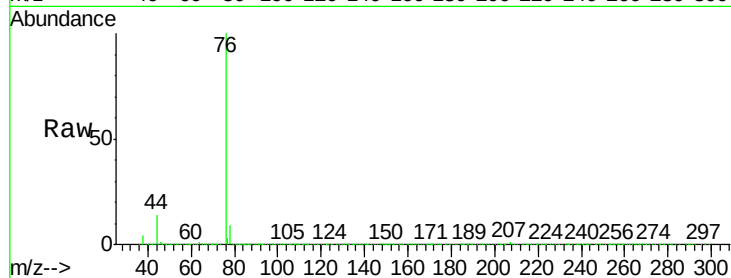
76 100

78 9.0 7.4 11.2

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#18

Methyl Acetate

Concen: 49.348 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015875.D

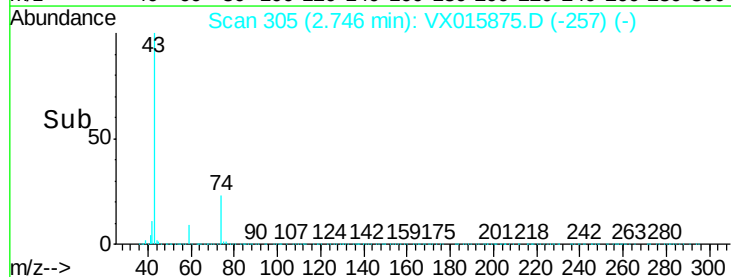
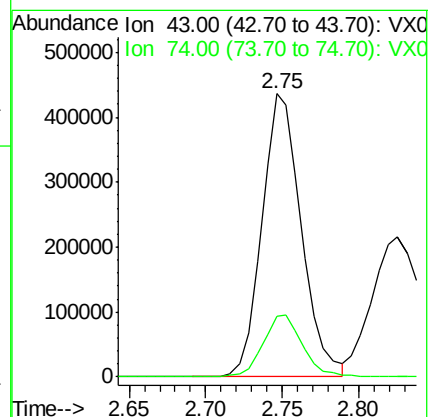
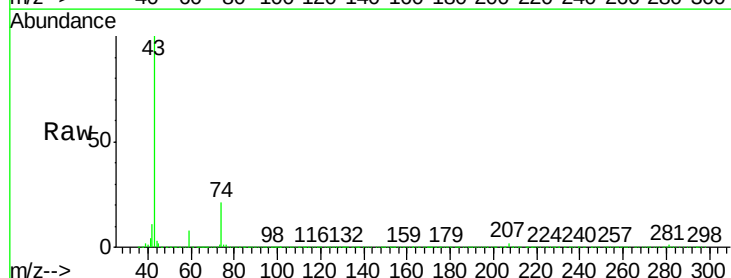
Acq: 23 Apr 2020 05:28

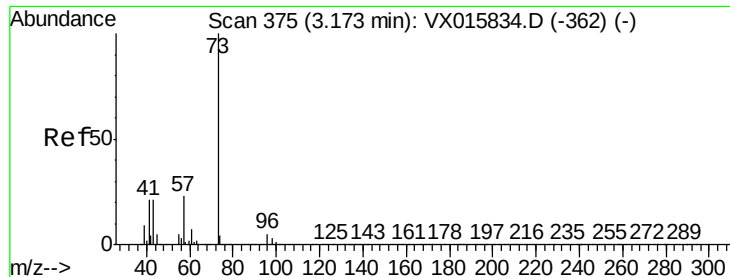
Tgt Ion: 43 Resp: 774815

Ion Ratio Lower Upper

43 100

74 22.4 17.9 26.9





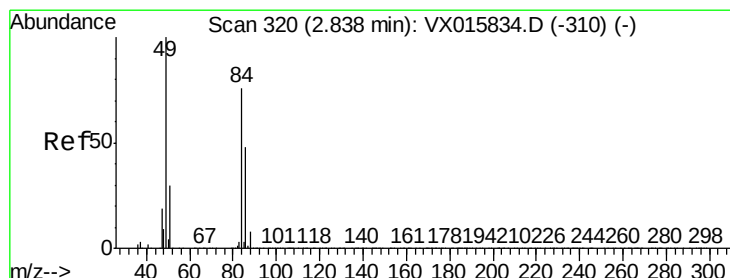
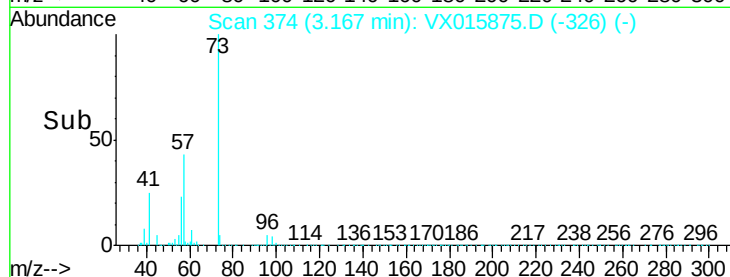
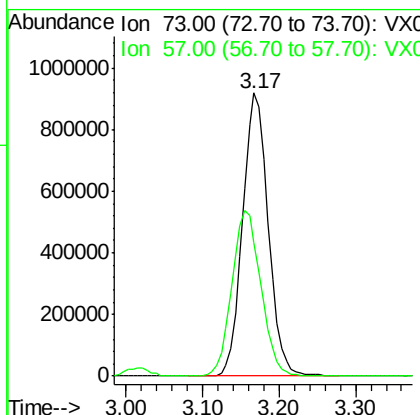
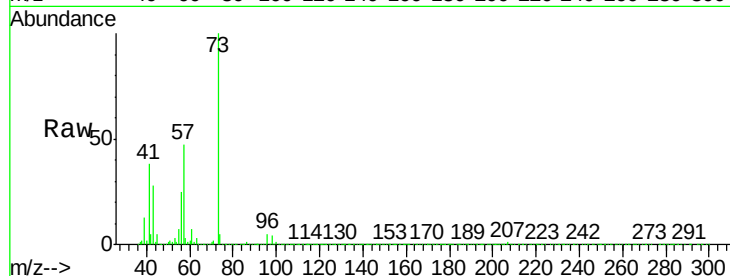
#19
Methyl tert-butyl Ether
Concen: 71.716 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MS

Tot Ion: 73 Resp: 2129640
Ion Ratio Lower Upper
73 100
57 47.1 18.1 27.1#

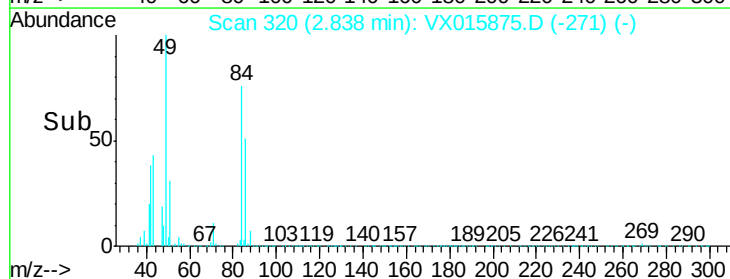
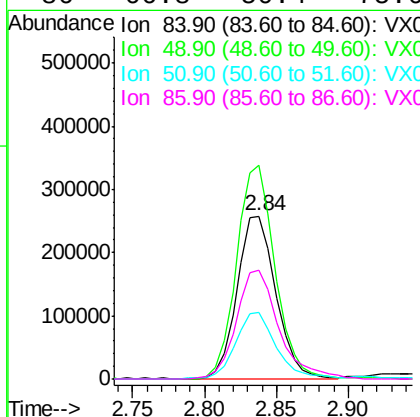
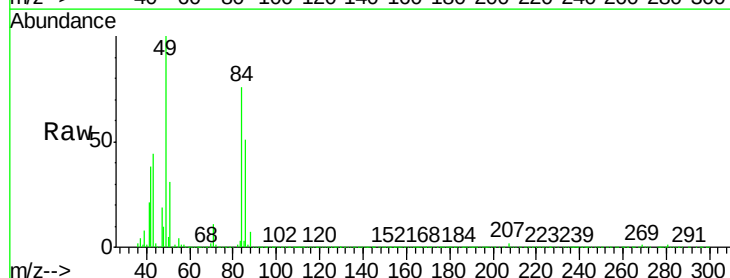
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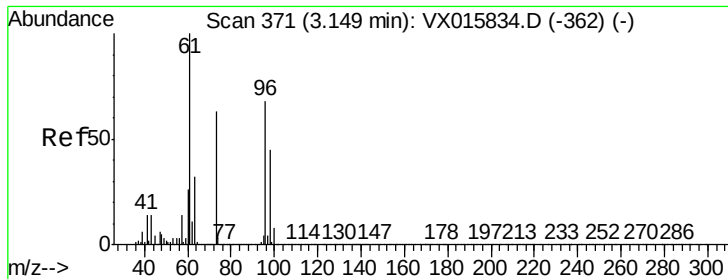
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#20
Methylene Chloride
Concen: 49.648 ug/l
RT: 2.84 min Scan# 320
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Tgt Ion: 84 Resp: 479354
Ion Ratio Lower Upper
84 100
49 131.2 104.9 157.3
51 40.8 32.0 48.0
86 66.8 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 49.990 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

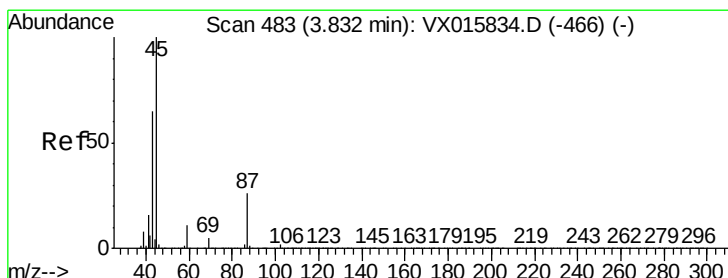
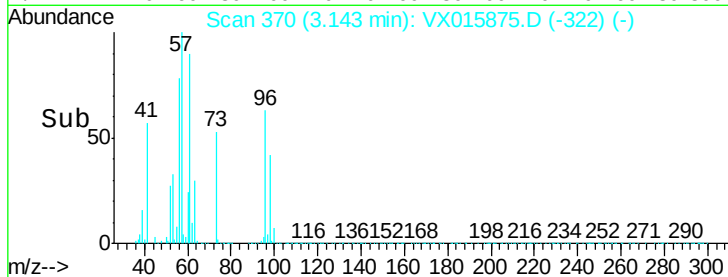
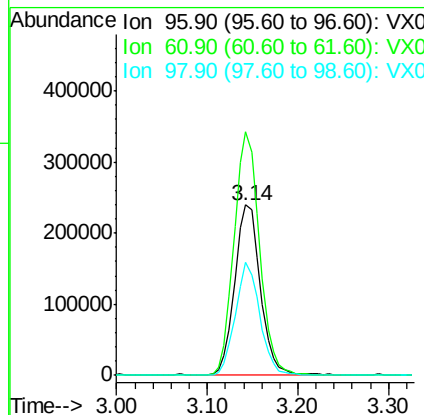
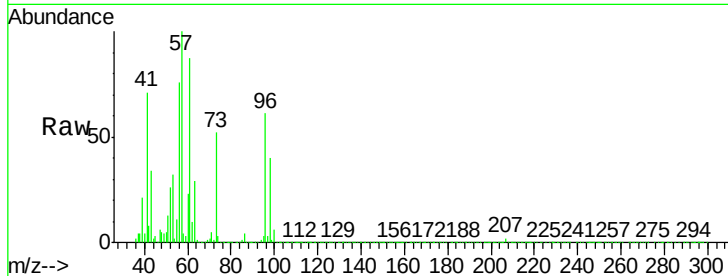
ClientSampleId :

KY001MW079-200421MS

Tot Ion:	96	Resp:	466551
Ion Ratio	Lower	Upper	
96	100		
61	143.0	117.5	176.3
98	66.1	52.7	79.1

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#22

Diisopropyl ether

Concen: 51.472 ug/l

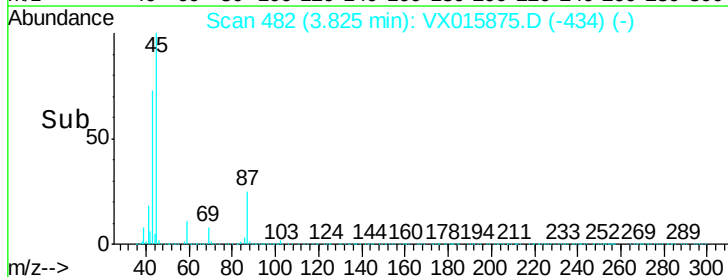
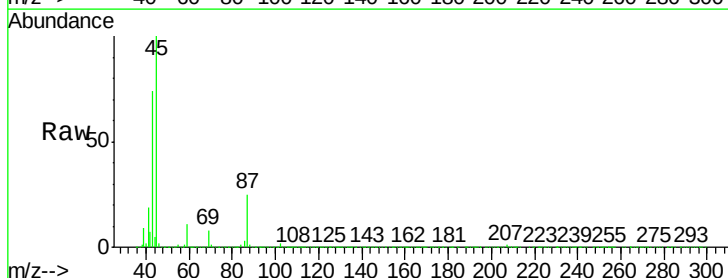
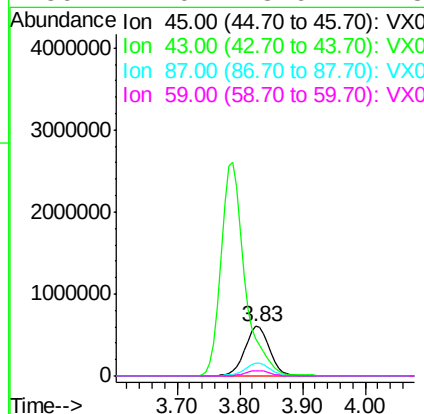
RT: 3.83 min Scan# 482

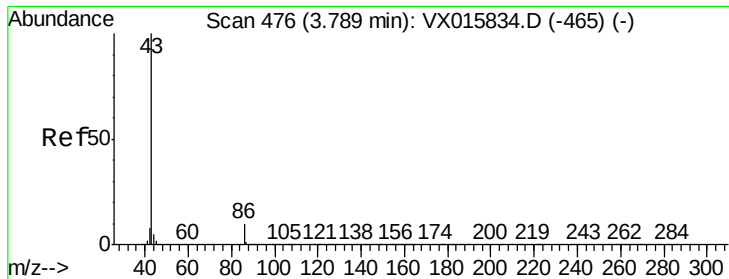
Delta R.T. -0.01 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Tgt Ion:	45	Resp:	1658258
Ion Ratio	Lower	Upper	
45	100		
43	73.8	52.4	78.6
87	25.5	20.7	31.1
59	11.0	8.6	12.8





#23

Vinyl Acetate

Concen: 257.017 ug/l

RT: 3.79 min Scan# 476

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MS

Tot Ion: 43 Resp: 6853109

Ion Ratio Lower Upper

43 100

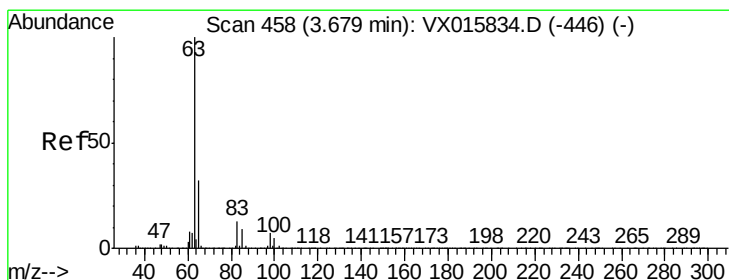
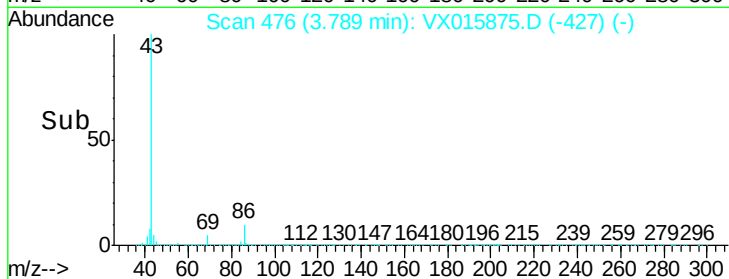
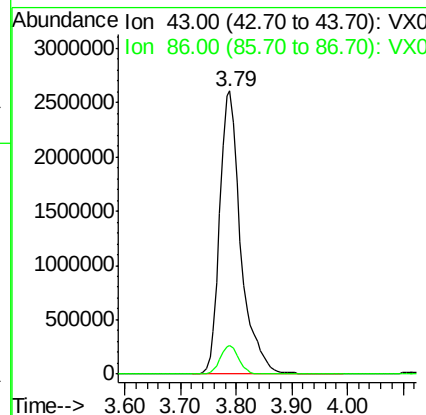
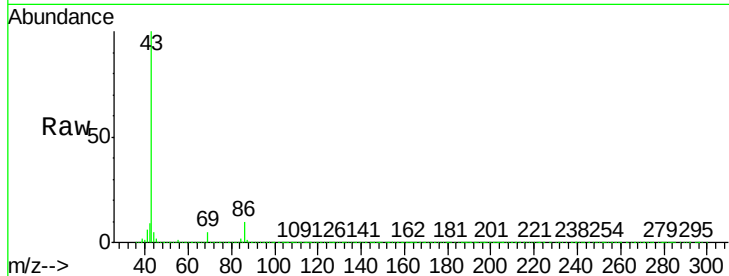
86 9.9 8.0 12.0

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#24

1,1-Dichloroethane

Concen: 51.478 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

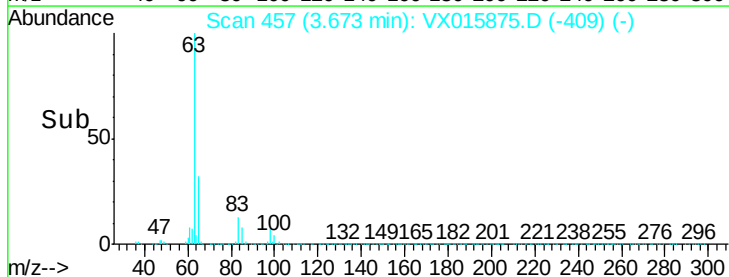
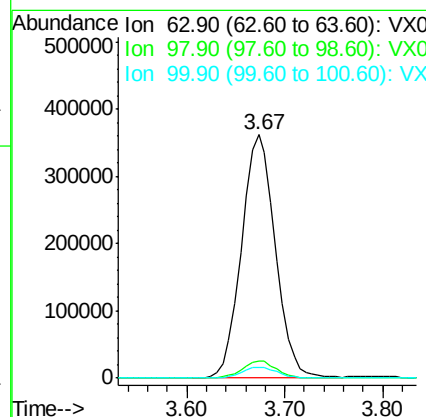
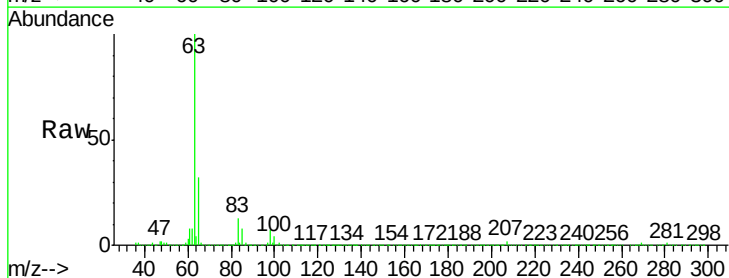
Tgt Ion: 63 Resp: 864405

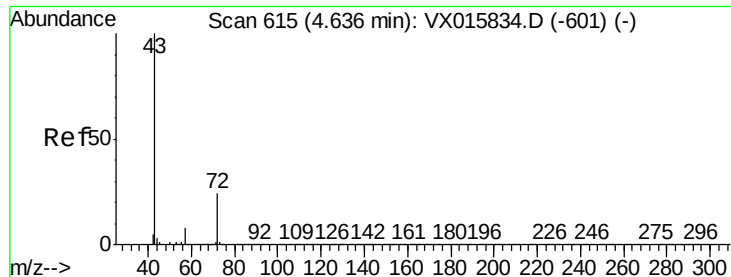
Ion Ratio Lower Upper

63 100

98 6.7 3.5 10.4

100 4.4 2.3 6.8





#25

2-Butanone

Concen: 255.684 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MS

Tot Ion: 43 Resp: 1922059

Ion Ratio Lower Upper

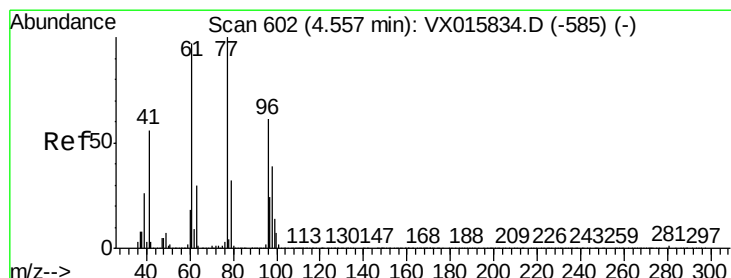
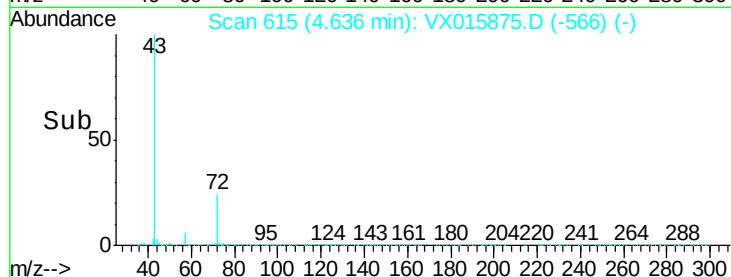
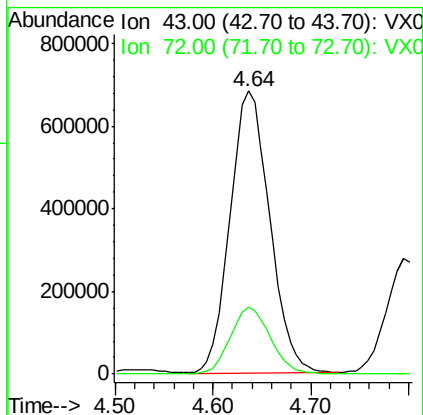
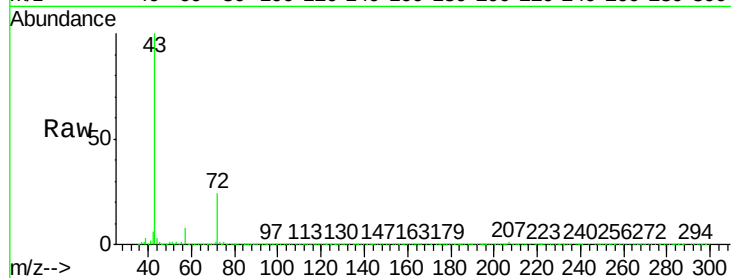
43 100

72 23.7 19.4 29.2

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#26

2,2-Dichloropropane

Concen: 35.375 ug/l

RT: 4.56 min Scan# 602

Delta R.T. -0.00 min

Lab File: VX015875.D

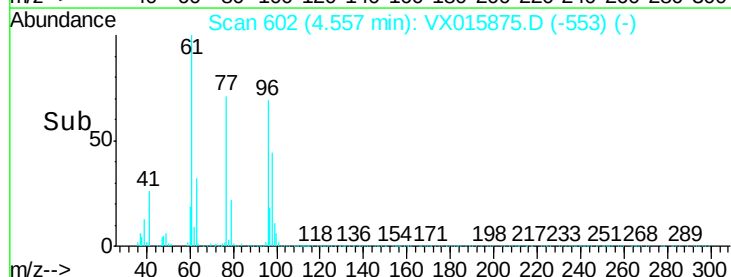
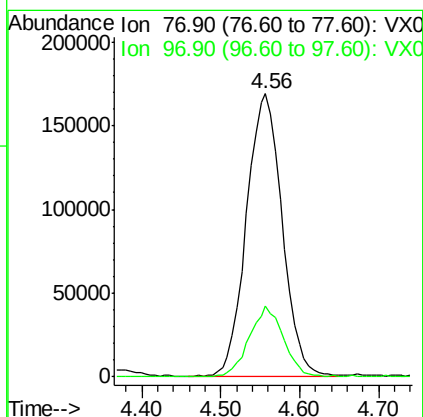
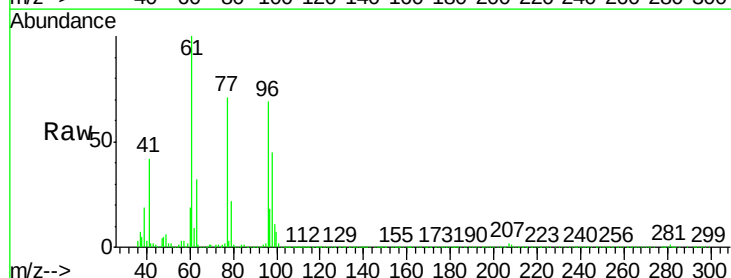
Acq: 23 Apr 2020 05:28

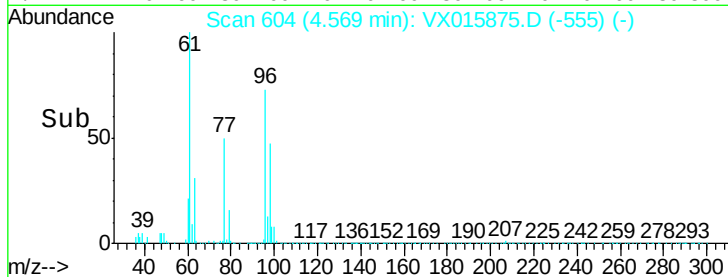
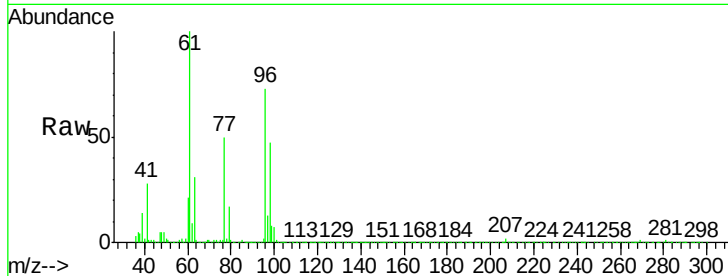
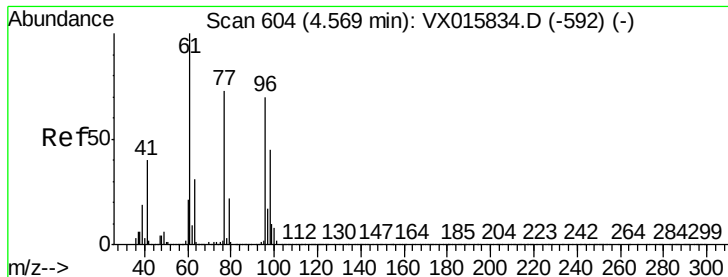
Tgt Ion: 77 Resp: 530624

Ion Ratio Lower Upper

77 100

97 24.1 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 50.831 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX015875.D

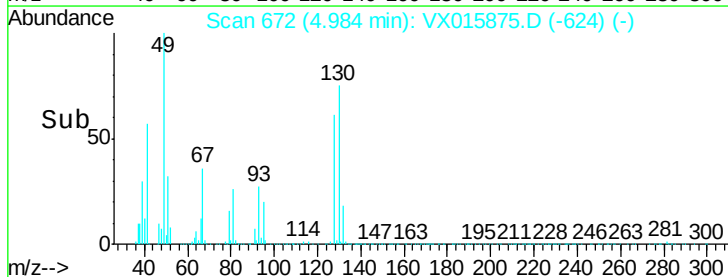
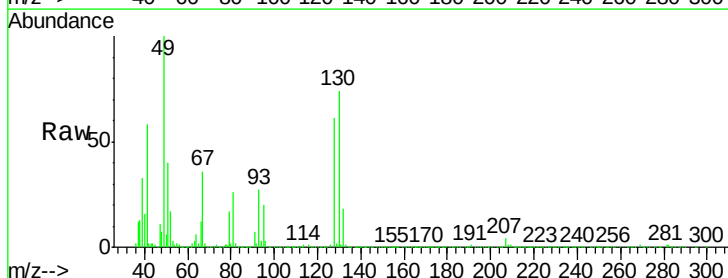
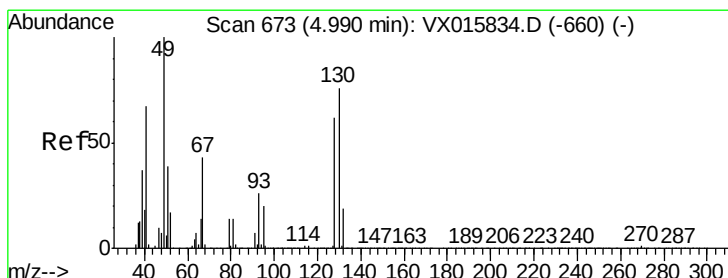
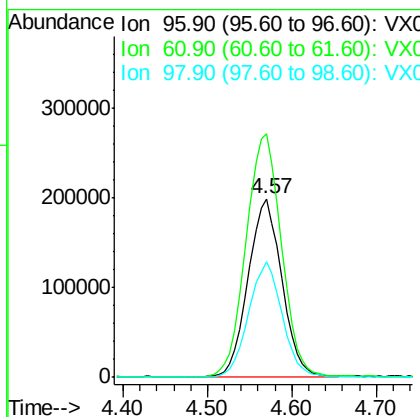
Acq: 23 Apr 2020 05:28

Tot Ion	Ratio	Resp	Lower	Upper
96	100	538582		
61	143.5	0.0	299.4	
98	64.3	0.0	129.6	

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MS

Manual Integrations
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MMDadoda
4/23/2020 12:16:45 PM



#28

Bromochloromethane

Concen: 44.781 ug/l

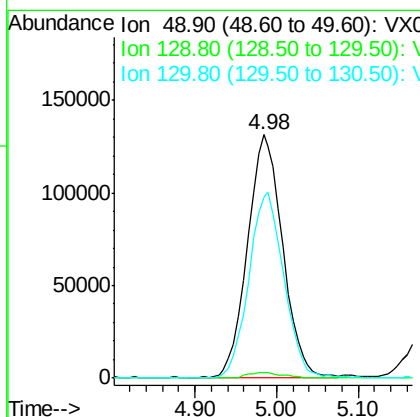
RT: 4.98 min Scan# 672

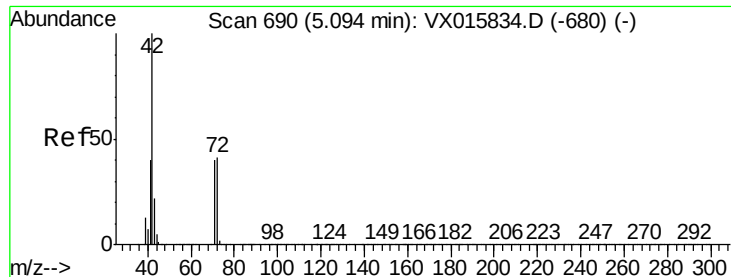
Delta R.T. -0.01 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	394561		
129	2.4	0.0	1.8#	
130	76.2	62.4	93.6	





#29

Tetrahydrofuran

Concen: 255.853 ug/l

RT: 5.09 min Scan# 690

Delta R.T. 0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MS

Tot Ion: 42 Resp: 1272157

Ion Ratio Lower Upper

42 100

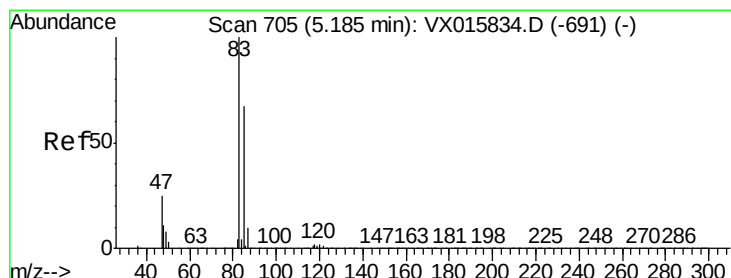
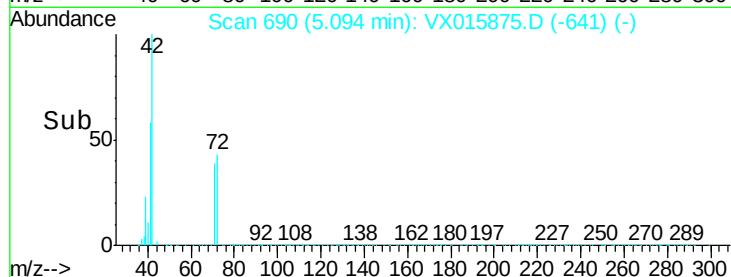
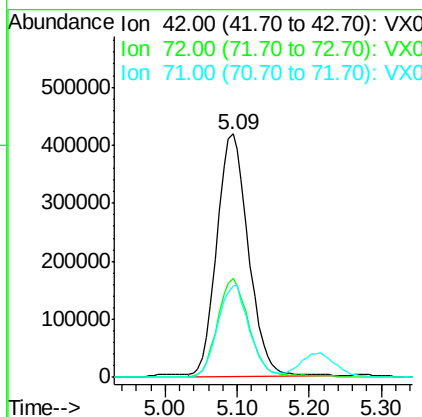
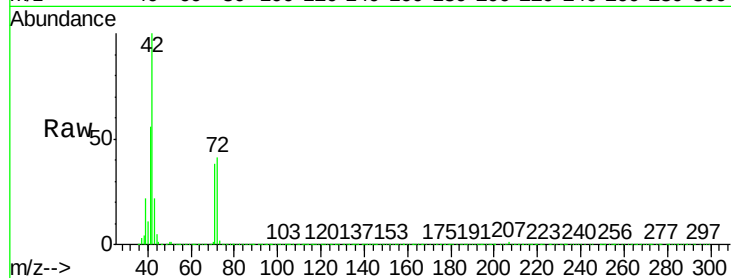
72 40.6 33.0 49.6

71 38.0 30.6 45.8

Manual Integrations
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MMDadoda

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#30

Chloroform

Concen: 54.966 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015875.D

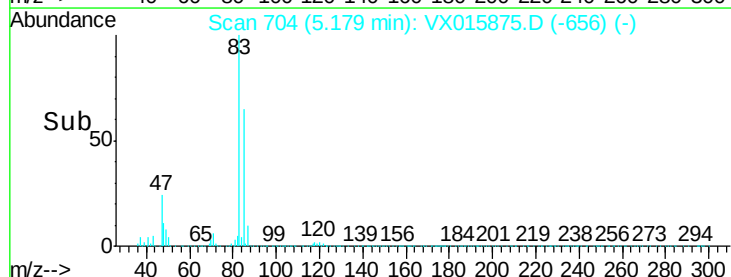
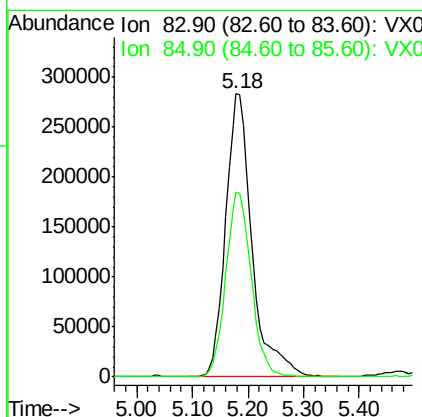
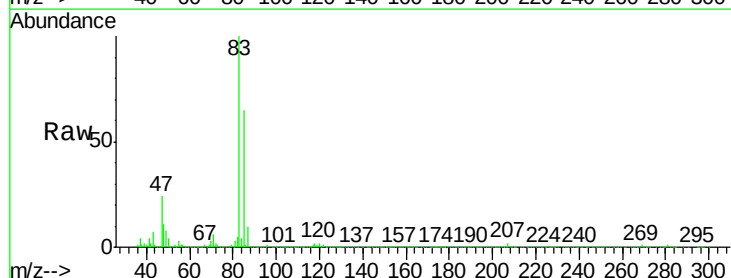
Acq: 23 Apr 2020 05:28

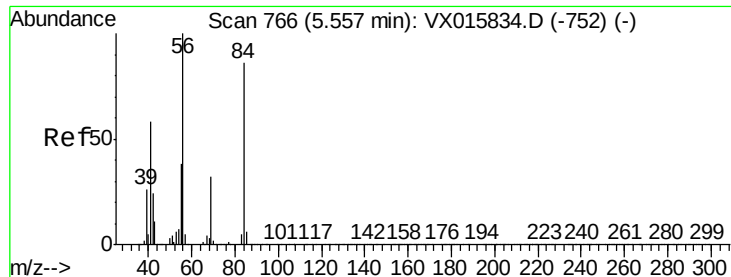
Tgt Ion: 83 Resp: 928630

Ion Ratio Lower Upper

83 100

85 65.0 53.4 80.0





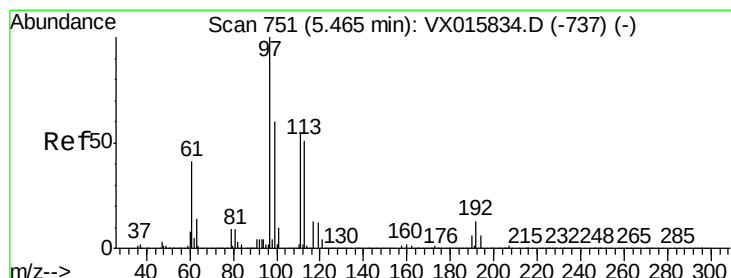
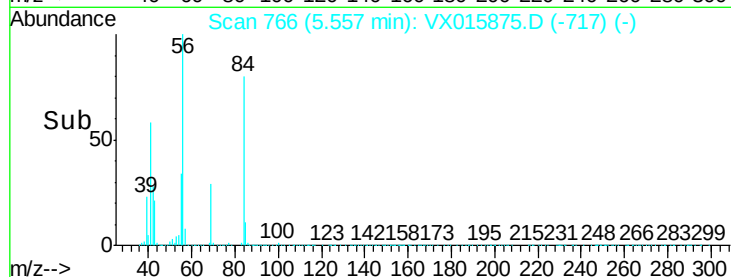
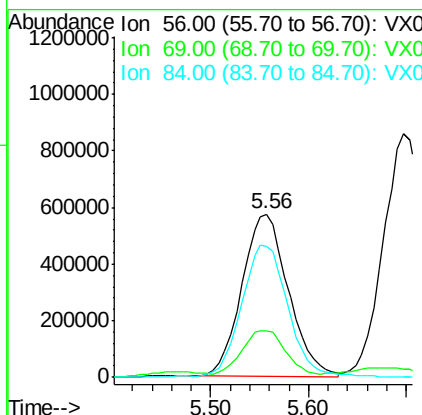
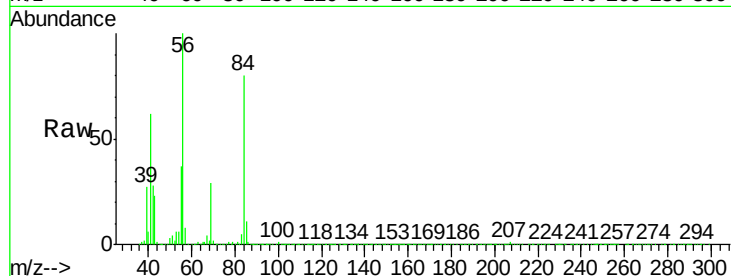
#31
Cyclohexane
Concen: 118.226 ug/l
RT: 5.56 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	26.2	25.3	37.9
84	80.2	69.1	103.7

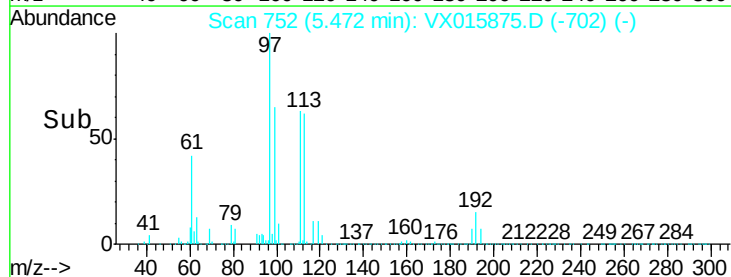
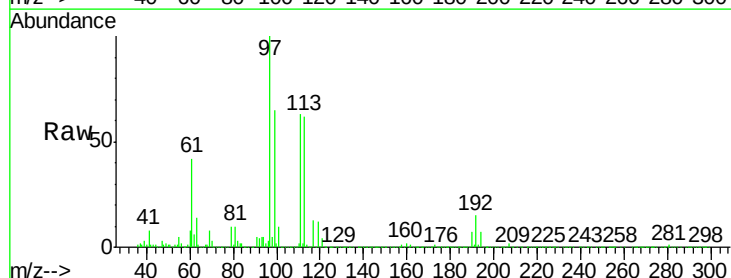
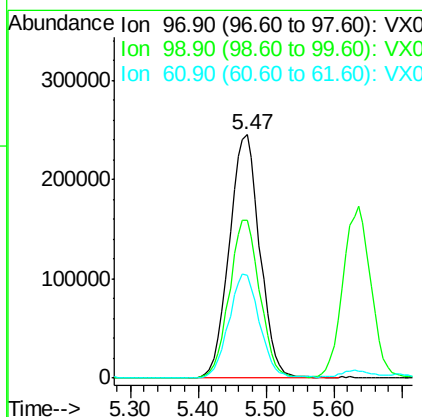
Manual Integrations
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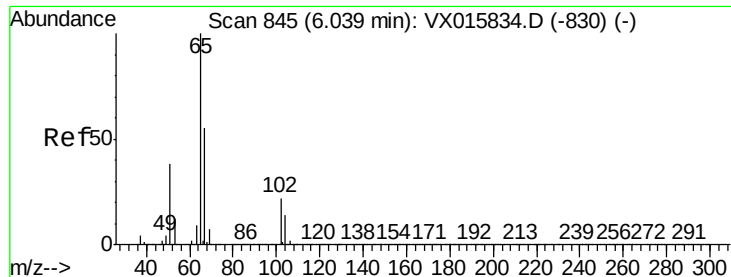
MMDadoda
4/23/2020 12:16:45 PM



#32
1,1,1-Trichloroethane
Concen: 50.777 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.2	76.8
61	42.5	34.1	51.1





#33

1,2-Dichloroethane-d4

Concen: 49.917 ug/l

RT: 6.04 min Scan# 845

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MS

Tot Ion: 65 Resp: 545227

Ion Ratio Lower Upper

65 100

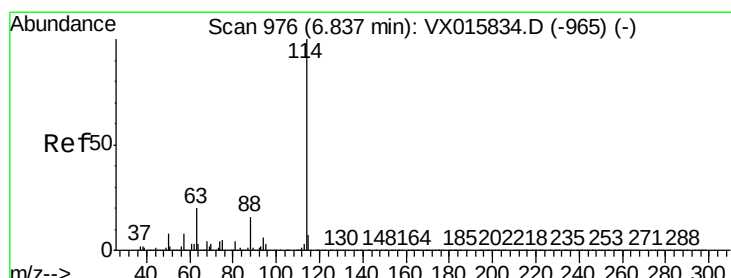
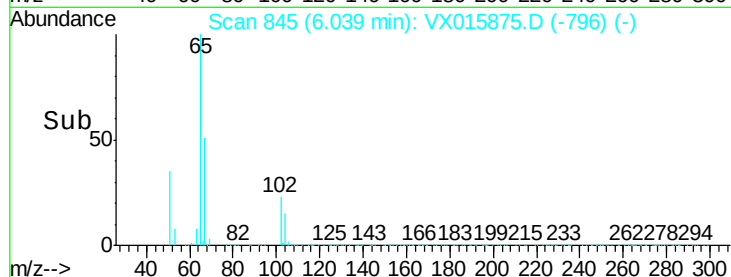
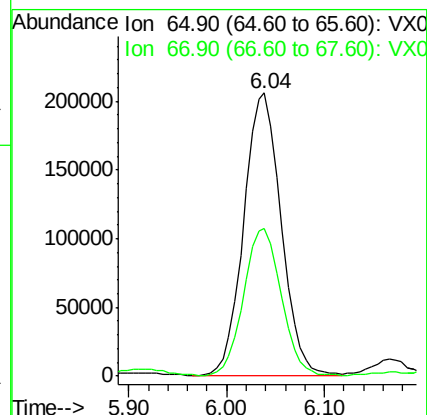
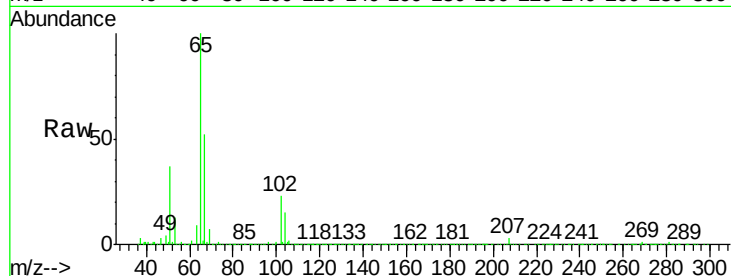
67 51.8 0.0 104.2

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

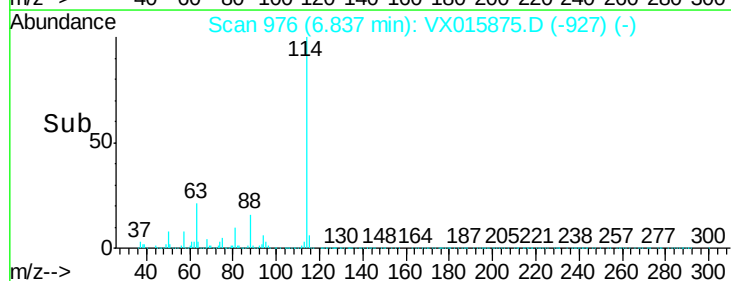
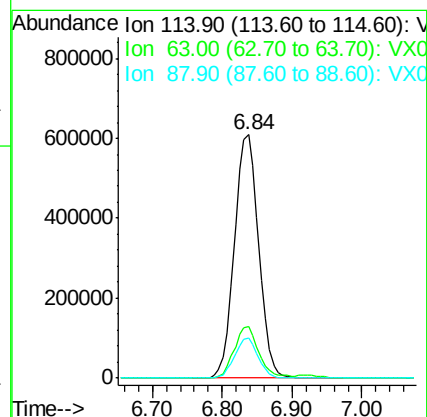
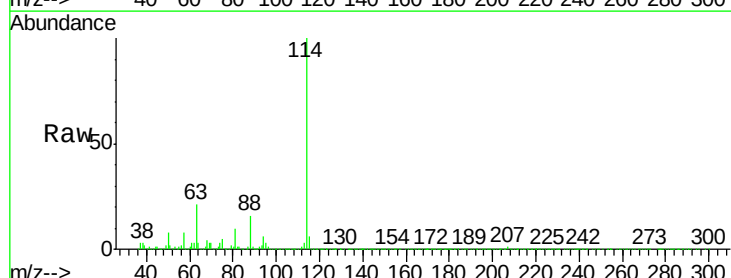
Tgt Ion: 114 Resp: 1467798

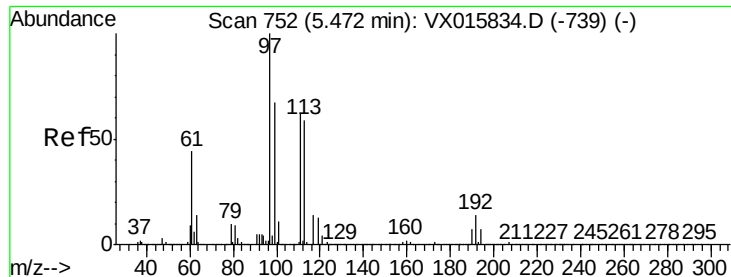
Ion Ratio Lower Upper

114 100

63 21.4 0.0 40.6

88 16.2 0.0 32.8





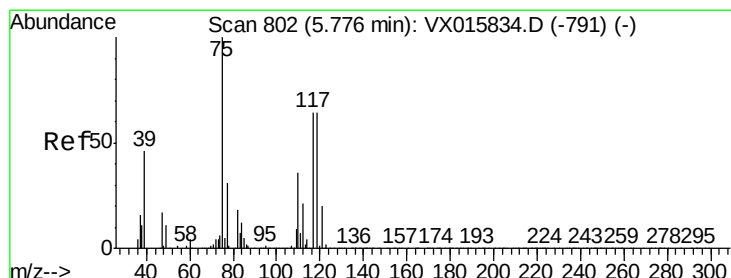
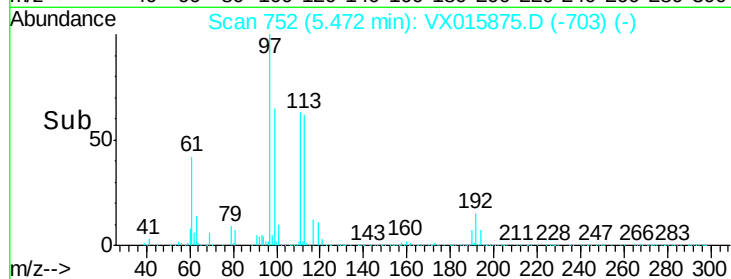
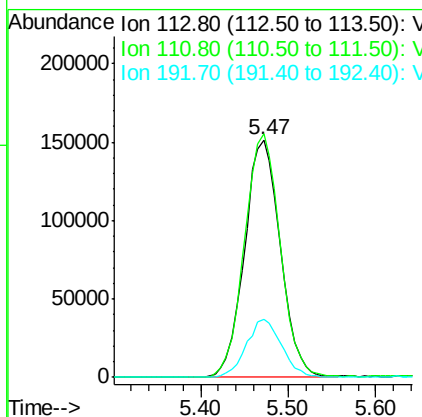
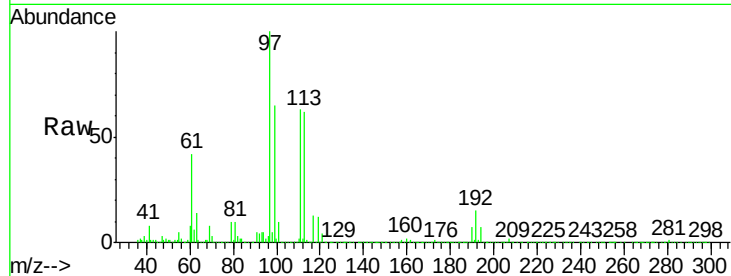
#35
Dibromofluoromethane
Concen: 50.731 ug/l
RT: 5.47 min Scan# 752
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	429819		
111	102.8	82.7	124.1	
192	23.9	19.3	28.9	

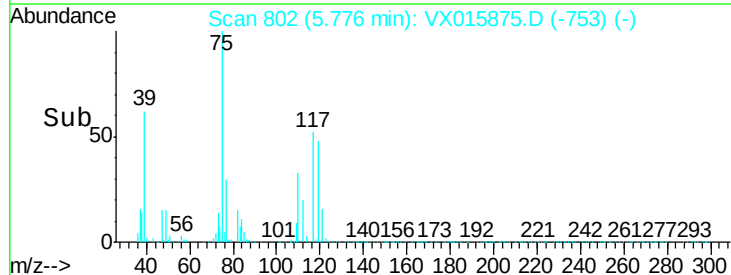
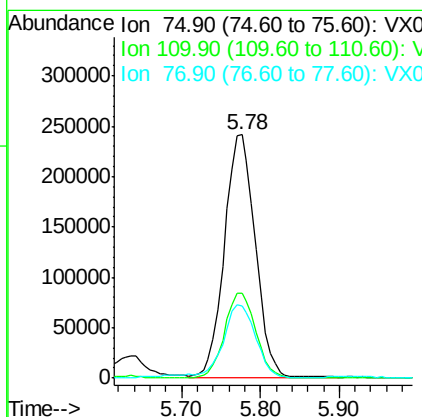
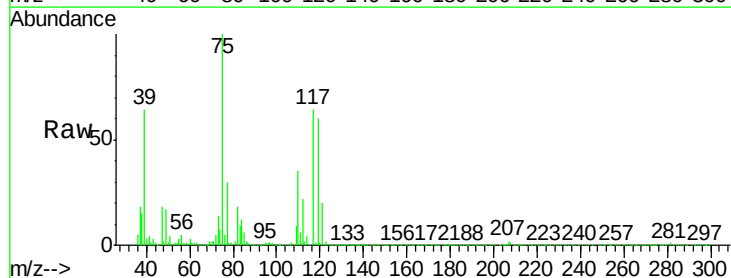
Manual Integrations
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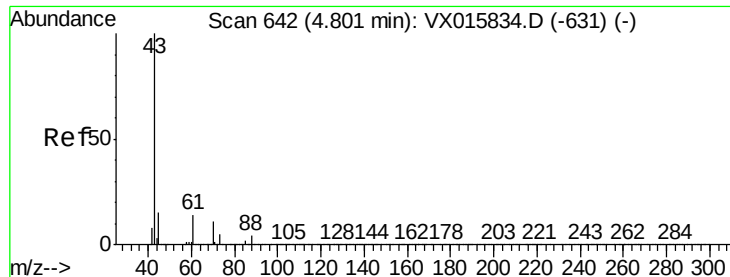
MMDadoda
4/23/2020 12:16:45 PM



#36
1,1-Dichloropropene
Concen: 50.293 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	654422		
110	35.3	17.9	53.8	
77	32.7	24.5	36.7	





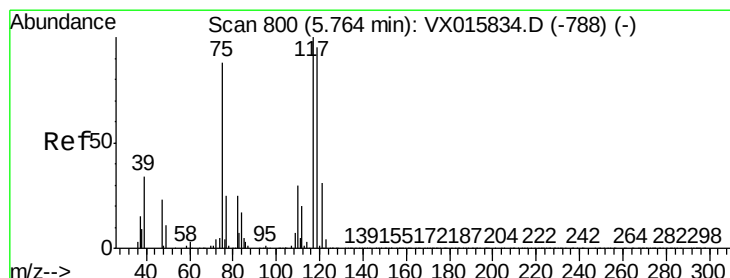
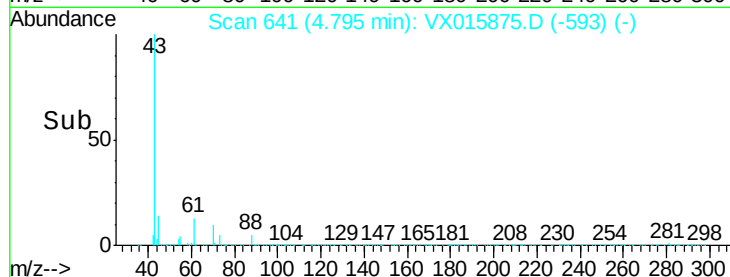
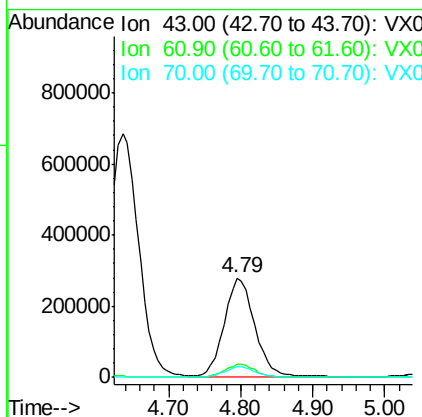
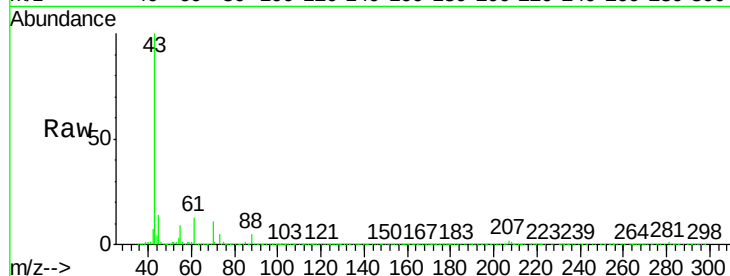
#37
Ethyl Acetate
Concen: 52.523 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MS

Tot Ion:	43	Resp:	813393
Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.8	16.2
70	10.8	8.2	12.2

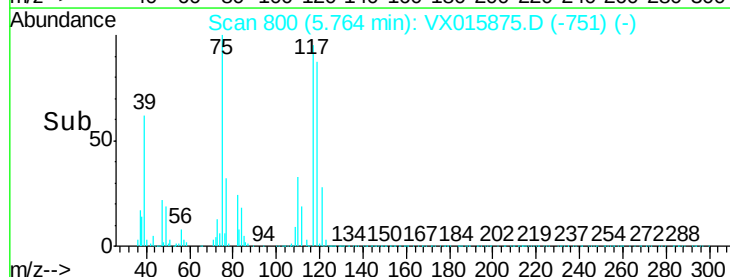
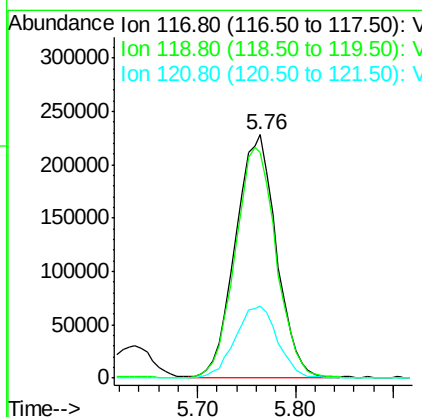
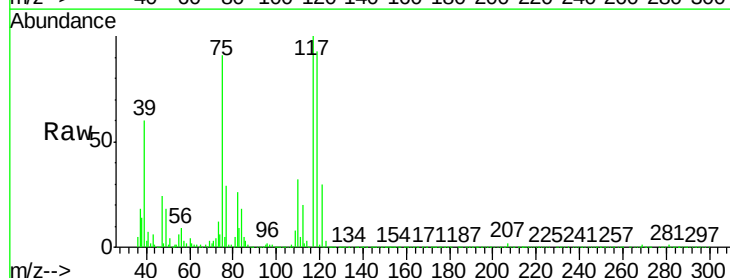
Manual Integrations
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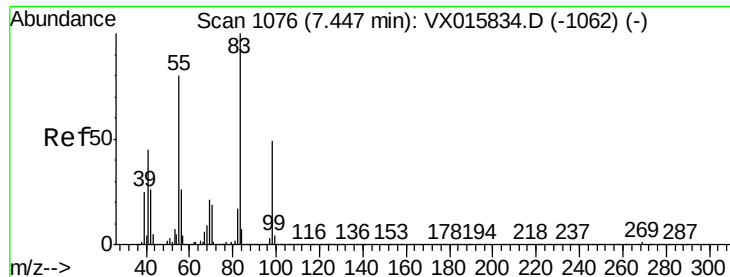
MMDadoda
4/23/2020 12:16:45 PM



#38
Carbon Tetrachloride
Concen: 51.252 ug/l
RT: 5.76 min Scan# 800
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Tgt Ion:	117	Resp:	656912
Ion	Ratio	Lower	Upper
117	100		
119	92.7	75.7	113.5
121	29.7	25.0	37.6





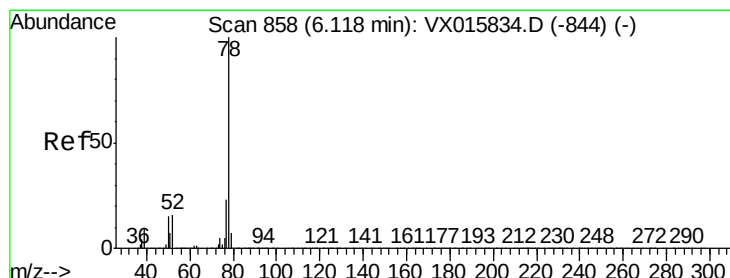
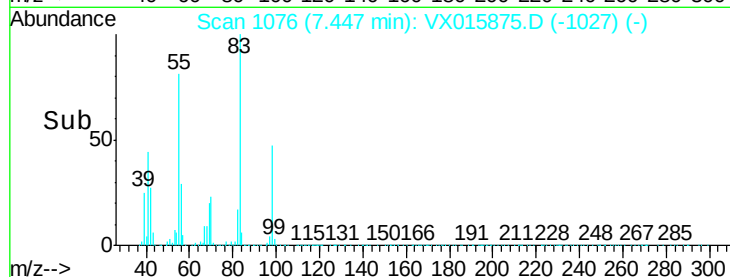
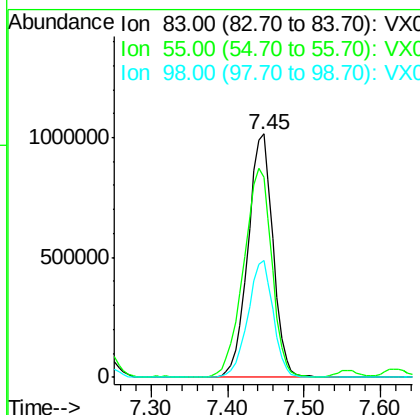
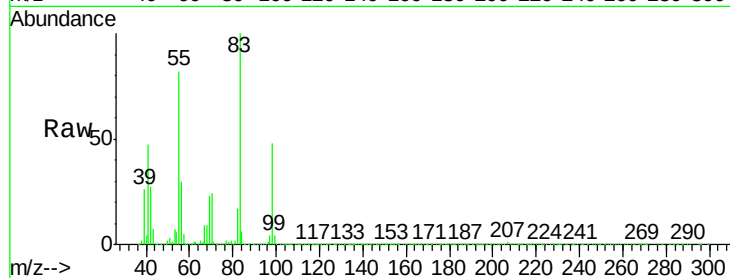
#39
Methylvlcyclohexane
Concen: 140.248 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.0	64.2	96.4
98	48.1	39.3	58.9

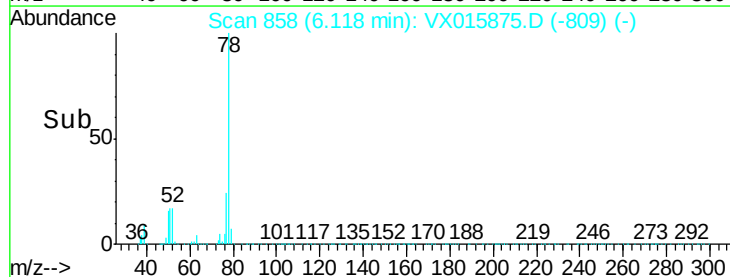
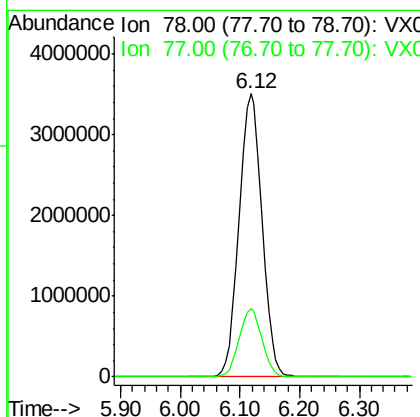
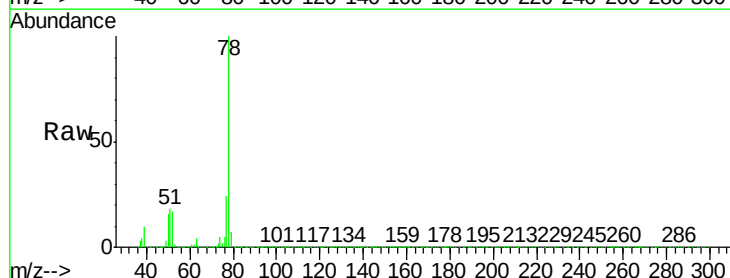
Manual Integrations
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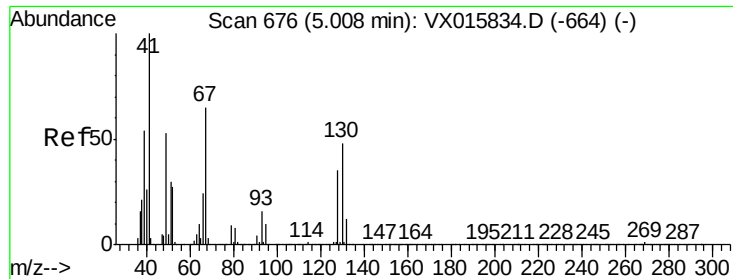
MMDadoda
4/23/2020 12:16:45 PM



#40
Benzene
Concen: 240.793 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.6	27.8





#41

Methacrylonitrile

Concen: 54.652 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

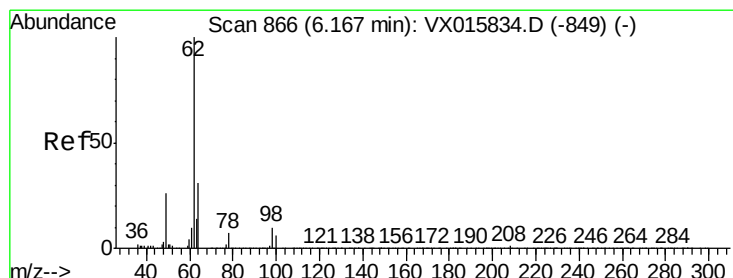
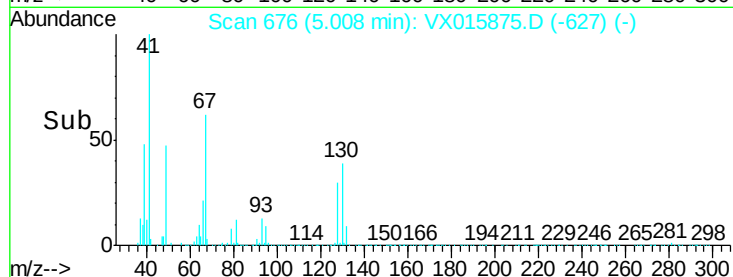
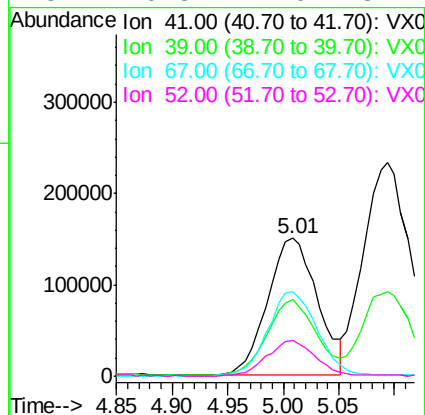
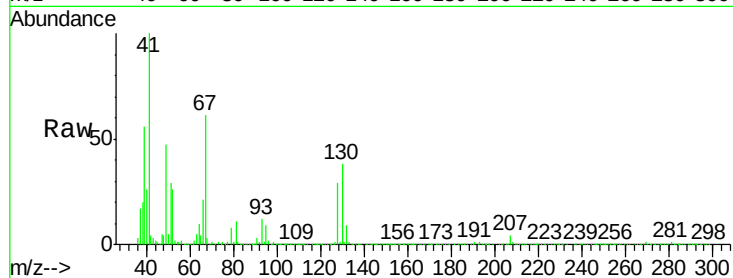
ClientSampleId :

KY001MW079-200421MS

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.4	42.4	63.6
67	61.1	51.9	77.9
52	26.3	21.0	31.4

Manual Integrations
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MMDadoda
4/23/2020 12:16:45 PM



#42

1,2-Dichloroethane

Concen: 53.362 ug/l

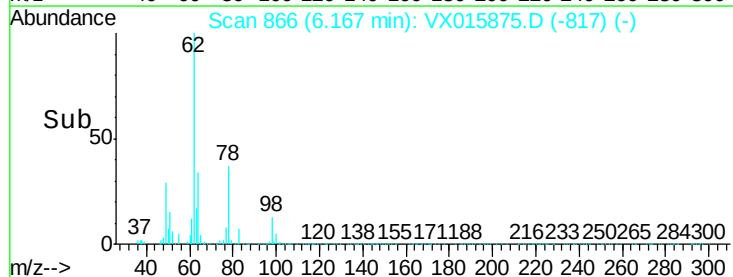
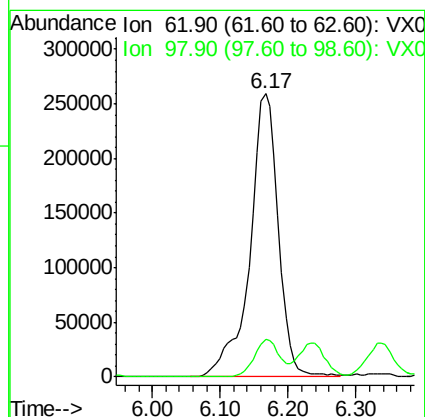
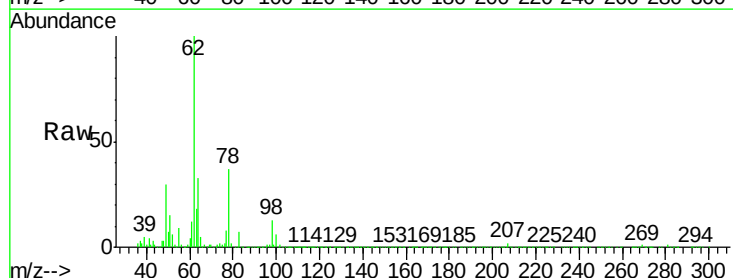
RT: 6.17 min Scan# 866

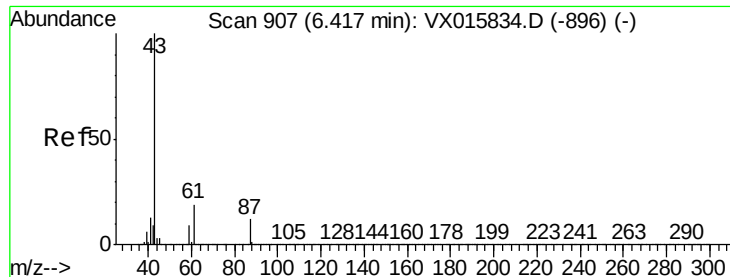
Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Tgt Ion	Ratio	Lower	Upper
62	100		
98	12.1	0.0	20.0





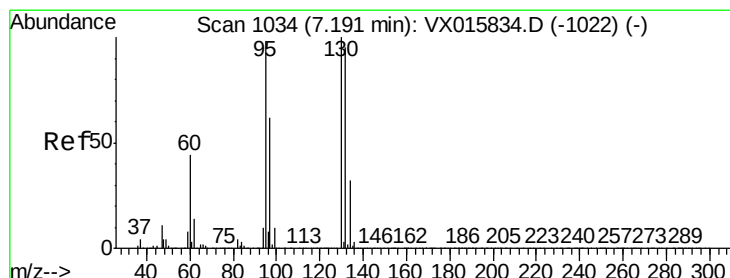
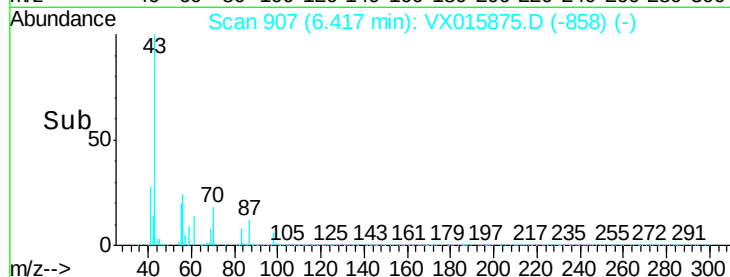
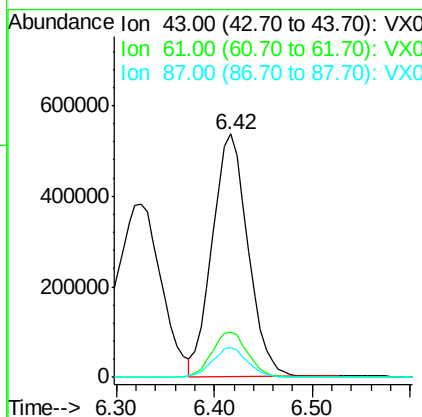
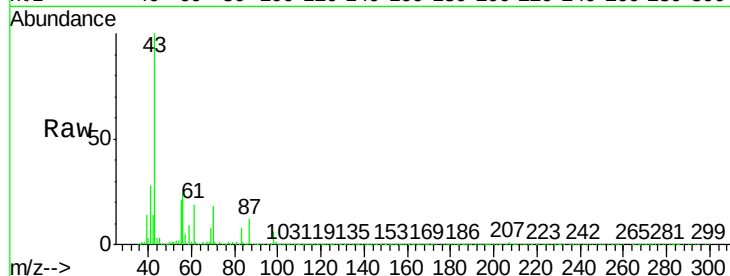
#43
Isopropyl Acetate
Concen: 51.708 ug/l
RT: 6.42 min Scan# 907
Delta R.T. 0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.5	15.4	23.2
87	11.8	9.8	14.6

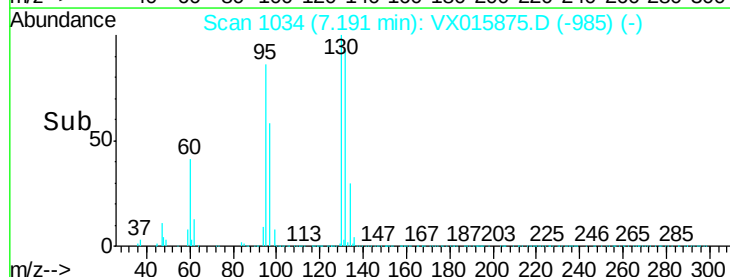
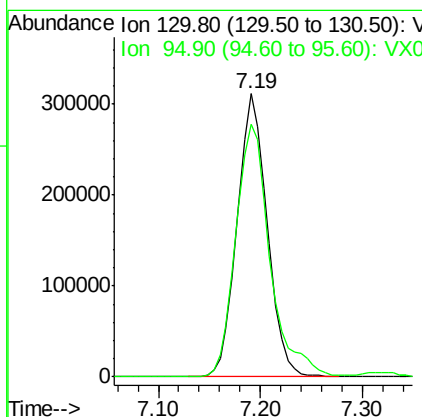
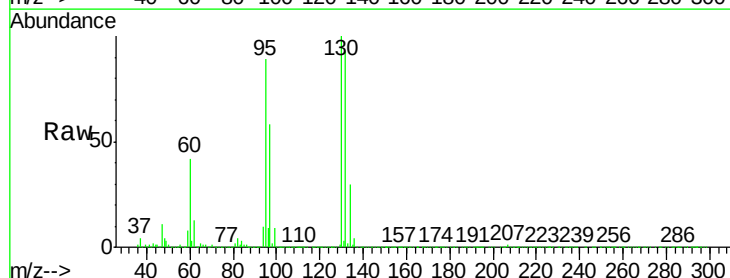
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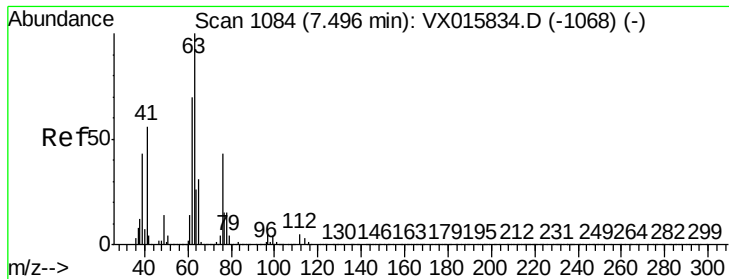
MMDadoda
4/23/2020 12:16:45 PM



#44
Trichloroethene
Concen: 46.234 ug/l
RT: 7.19 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.3	0.0	195.8





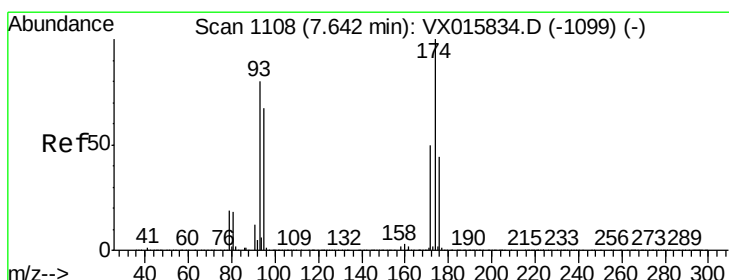
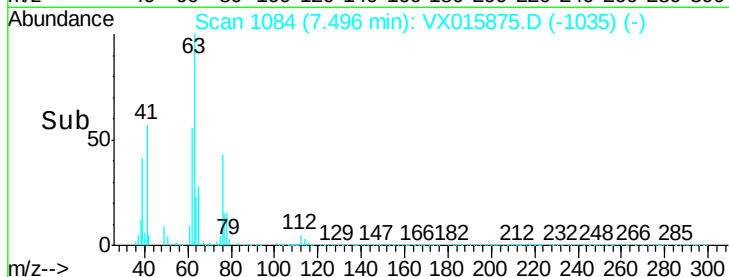
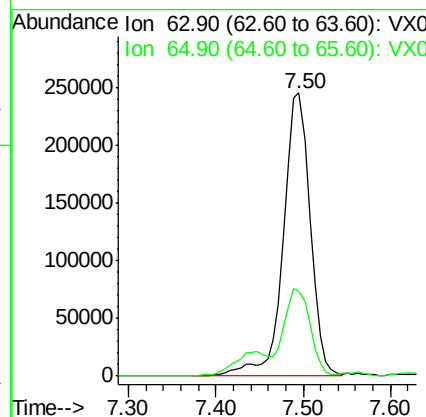
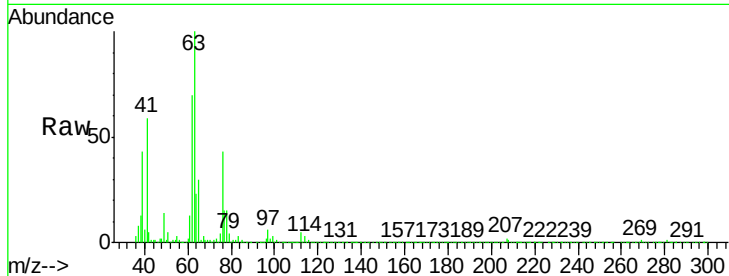
#45
 1,2-Dichloropropane
 Concen: 51.035 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. -0.00 min
 Lab File: VX015875.D
 Acq: 23 Apr 2020 05:28

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421MS

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.9	24.5	36.7

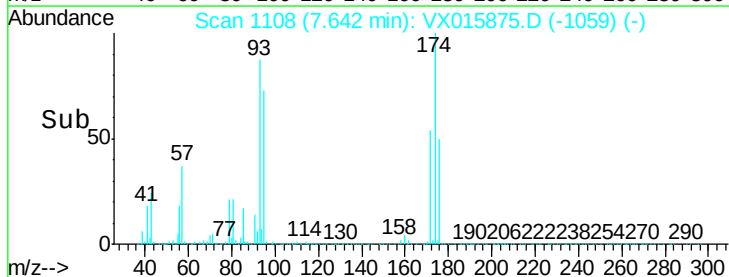
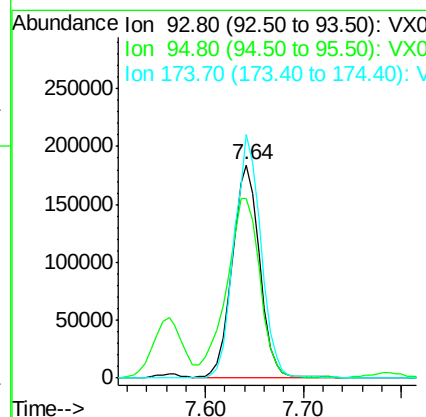
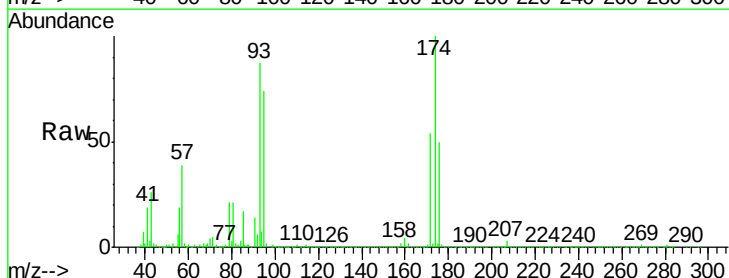
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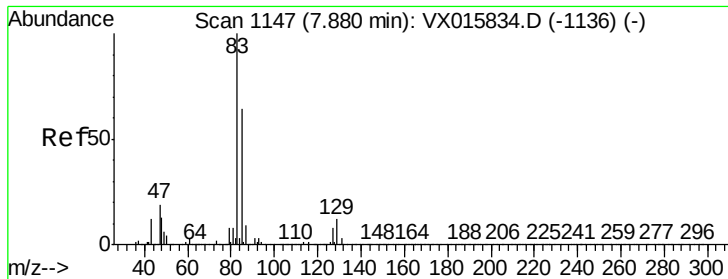
MMDadoda
 4/23/2020 12:16:45 PM



#46
 Dibromomethane
 Concen: 47.457 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: VX015875.D
 Acq: 23 Apr 2020 05:28

Tgt Ion	Ratio	Lower	Upper
93	100		
95	101.6	65.8	98.8#
174	112.0	95.6	143.4





#47

Bromodichloromethane

Concen: 49.921 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

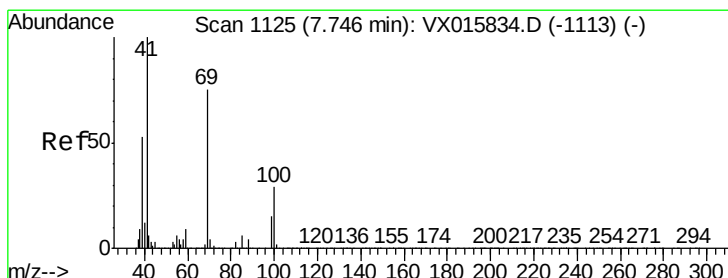
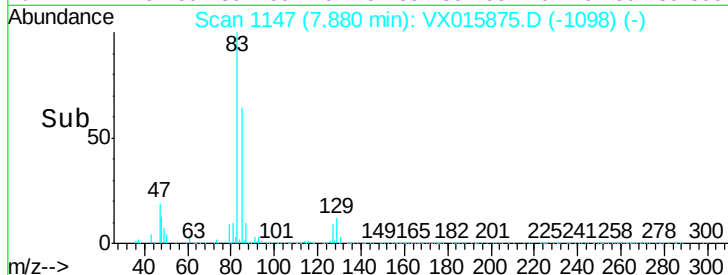
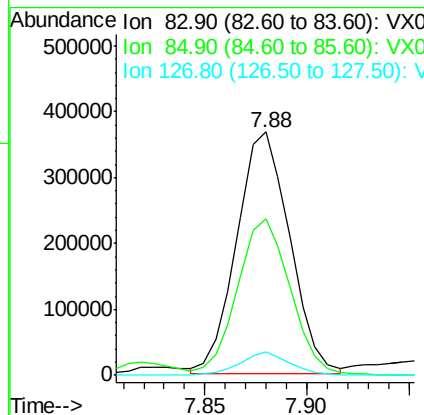
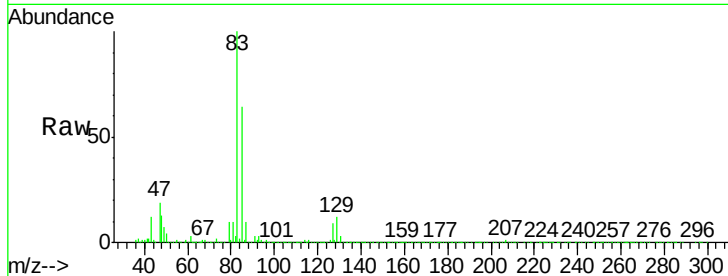
ClientSampleId :

KY001MW079-200421MS

Tot Ion:	83	Resp:	665839
Ion Ratio	Lower	Upper	
83	100		
85	65.2	50.8	76.2
127	9.6	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 64.190 ug/l

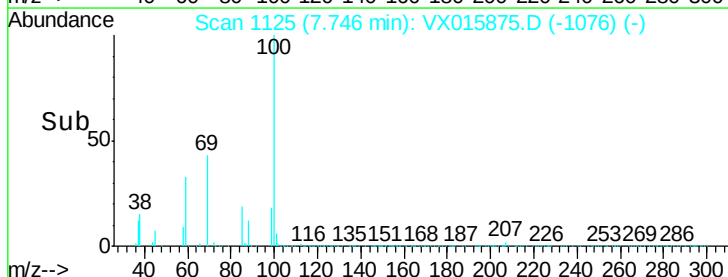
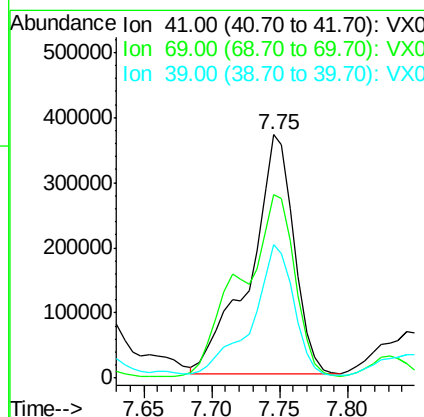
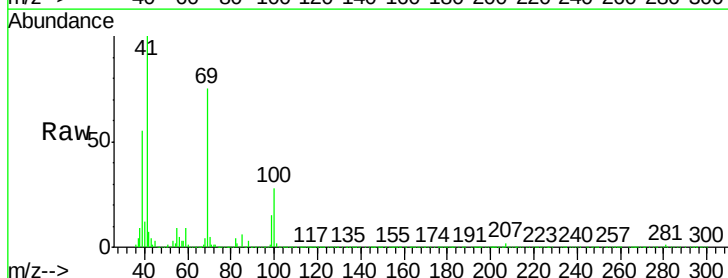
RT: 7.75 min Scan# 1125

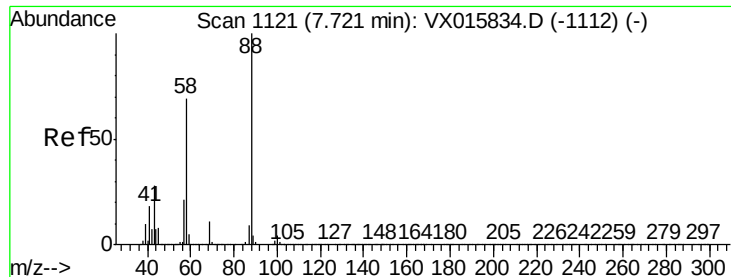
Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Tgt Ion:	41	Resp:	824831
Ion Ratio	Lower	Upper	
41	100		
69	94.0	60.5	90.7#
39	52.1	42.1	63.1





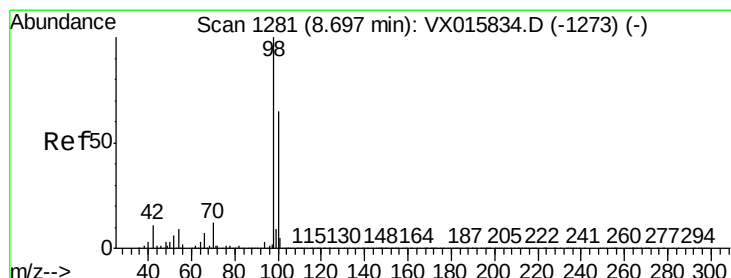
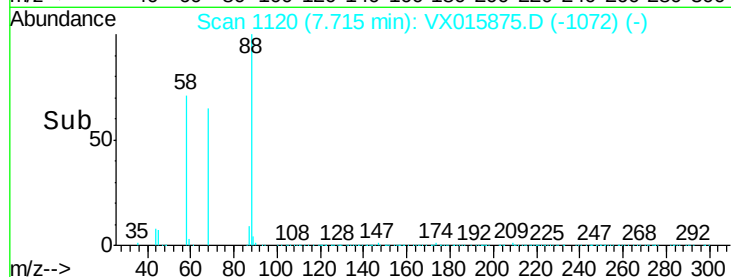
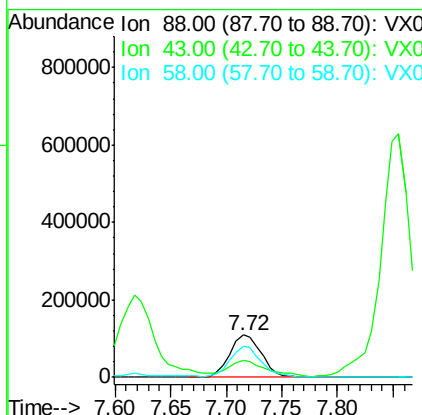
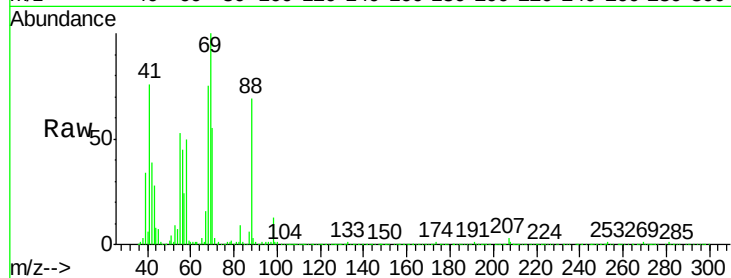
#49
1,4-Dioxane
Concen: 884.928 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	44.4	28.2	42.4#
58	71.9	58.9	88.3

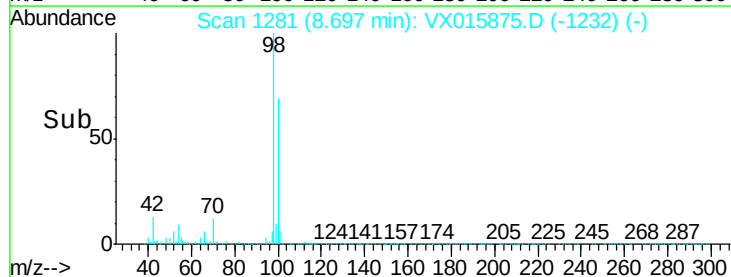
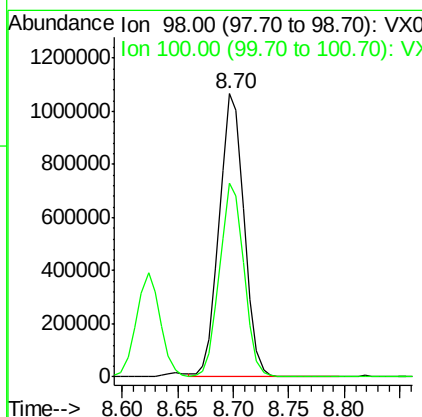
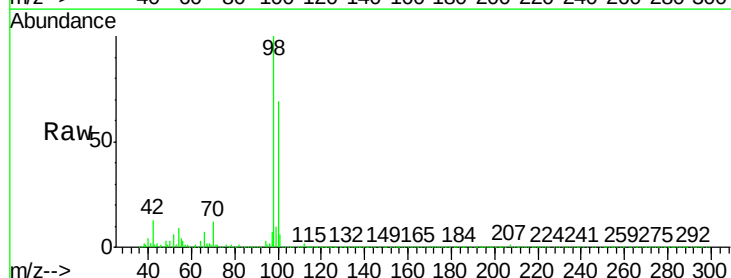
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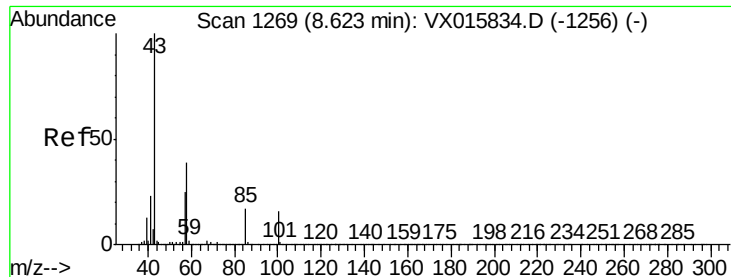
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4/23/2020 12:16:45 PM



#50
Toluene-d8
Concen: 48.321 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.5	53.8	80.6





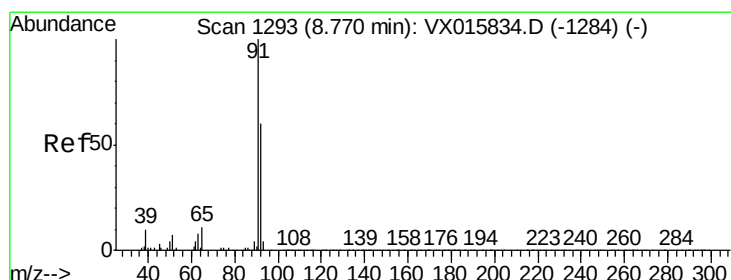
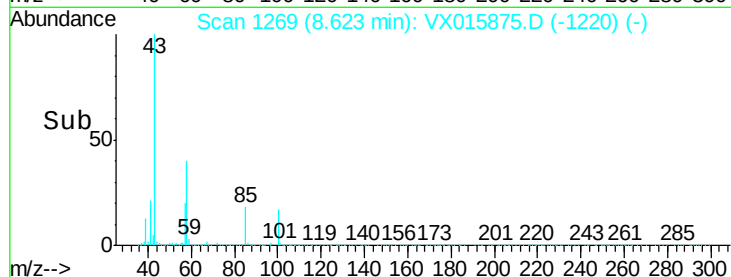
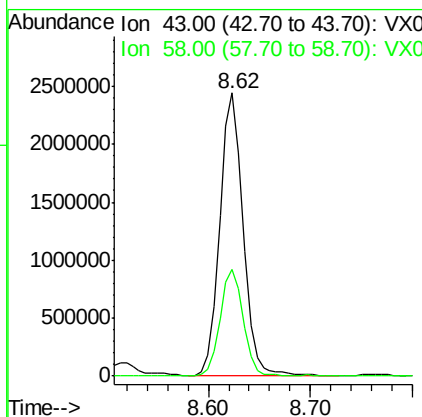
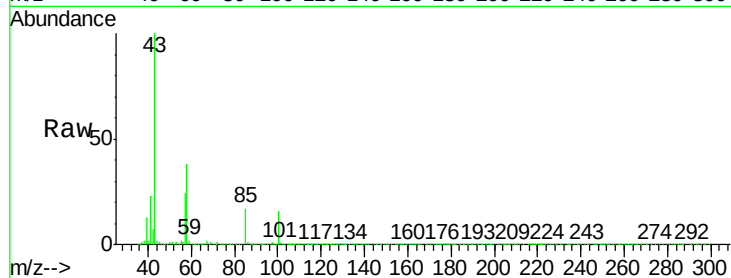
#51
4-Methyl-2-Pentanone
Concen: 257.185 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MS

Tot Ion: 43 Resp: 3877939
Ion Ratio Lower Upper
43 100
58 37.5 30.6 45.8

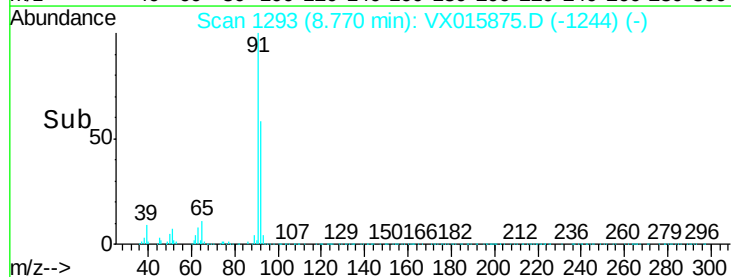
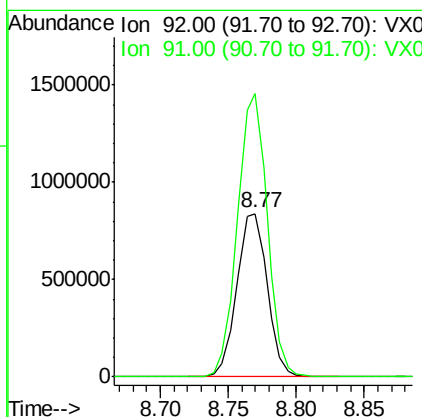
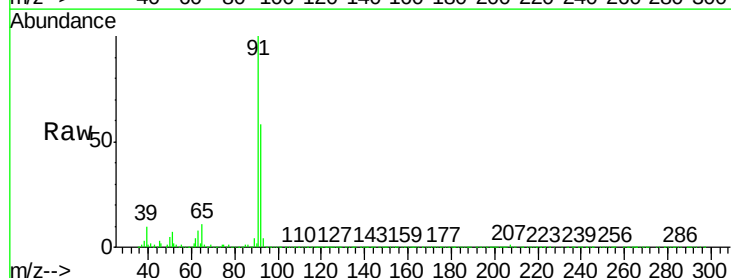
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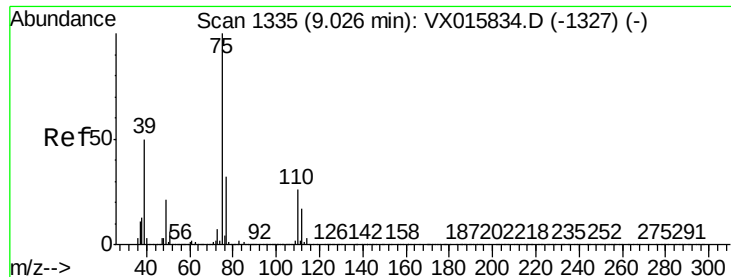
MMDadoda
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#52
Toluene
Concen: 52.148 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Tgt Ion: 92 Resp: 1309986
Ion Ratio Lower Upper
92 100
91 169.7 133.4 200.0





#53

t-1,3-Dichloropropene

Concen: 47.047 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MS

Tot Ion: 75 Resp: 778596

Ion Ratio Lower Upper

75 100

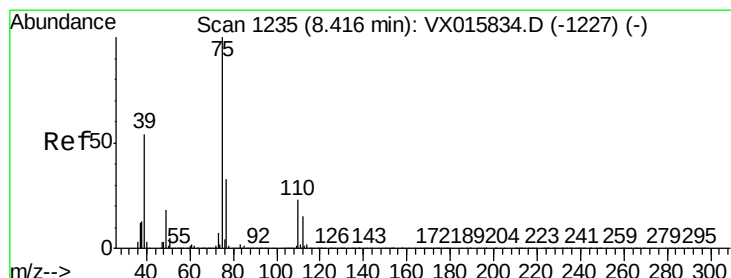
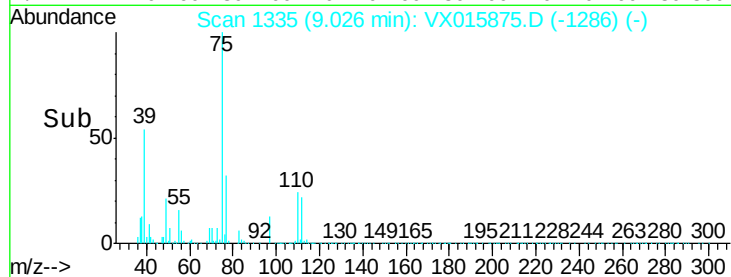
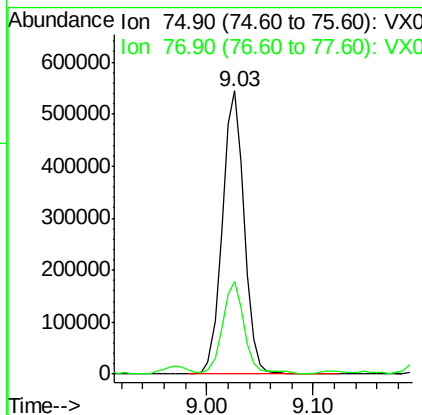
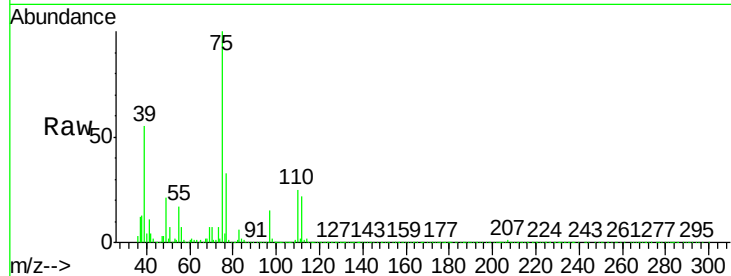
77 31.8 25.9 38.9

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#54

cis-1,3-Dichloropropene

Concen: 46.266 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

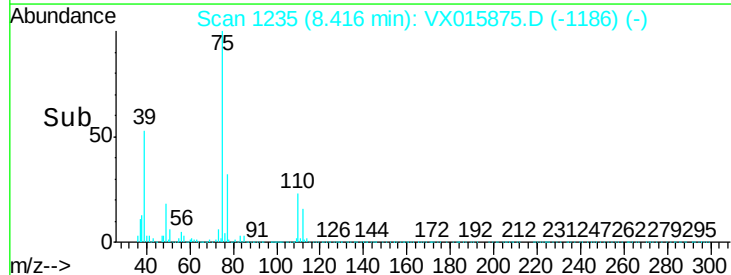
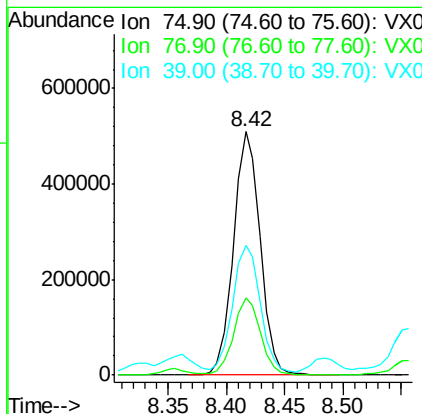
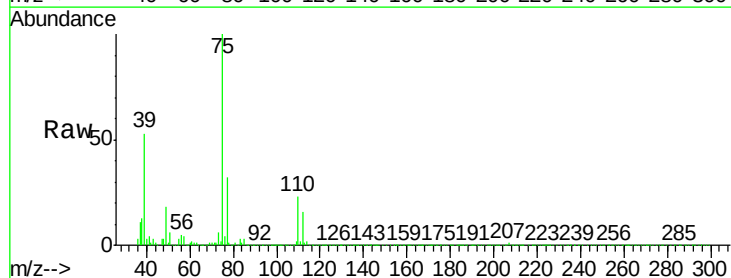
Tgt Ion: 75 Resp: 809236

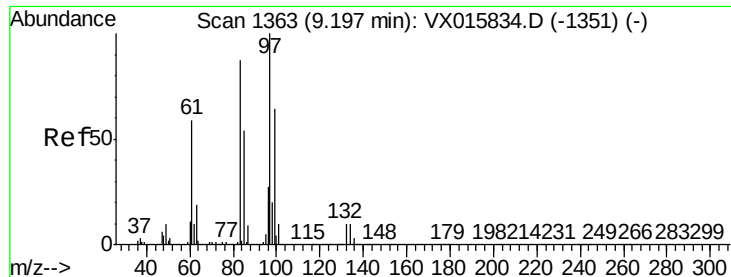
Ion Ratio Lower Upper

75 100

77 31.7 26.0 39.0

39 49.1 42.8 64.2





#55

1,1,2-Trichloroethane

Concen: 49.368 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

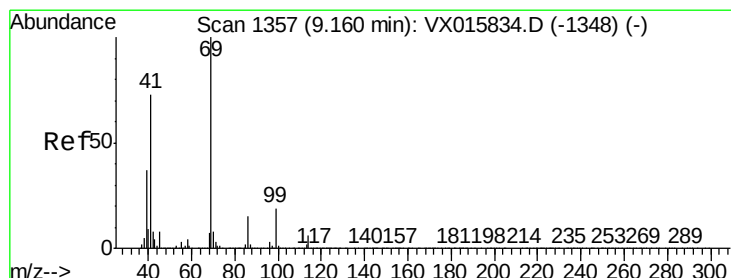
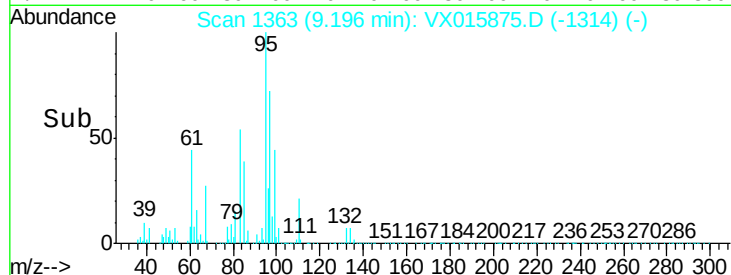
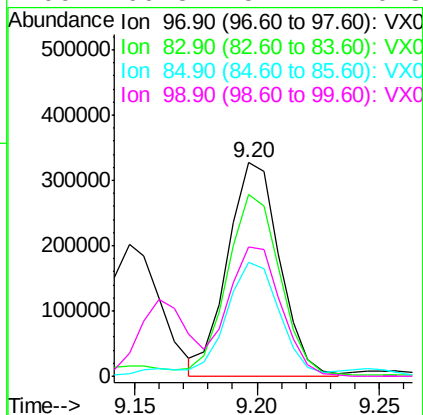
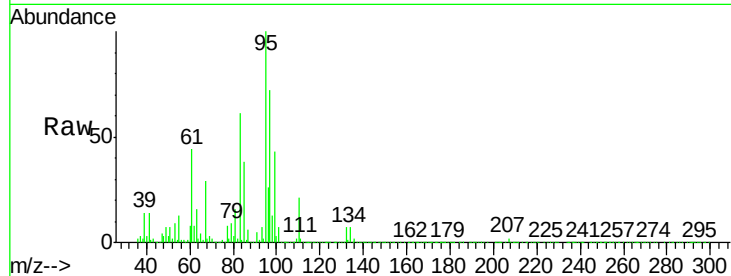
ClientSampleId :

KY001MW079-200421MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		484258		
83	85.4	69.8	104.8		
85	51.9	43.4	65.2		
99	60.8	51.2	76.8		

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#56

Ethyl methacrylate

Concen: 55.093 ug/l

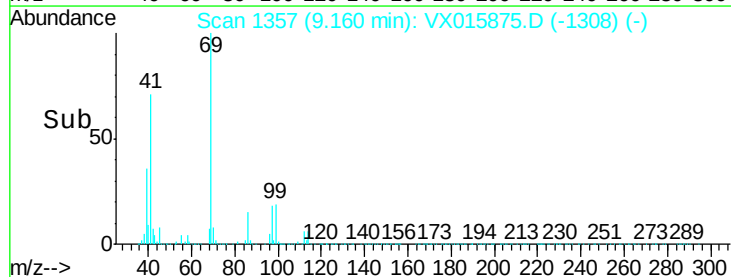
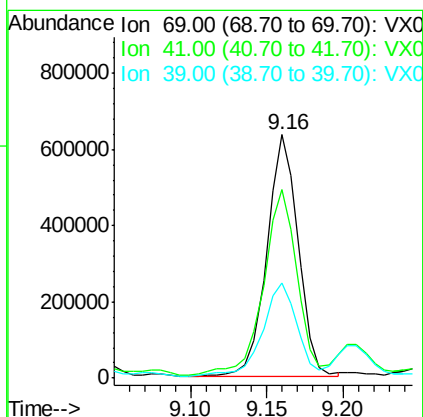
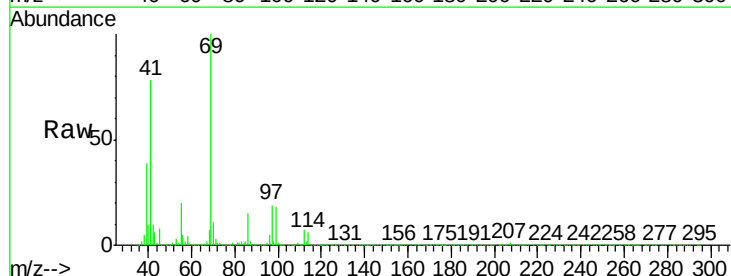
RT: 9.16 min Scan# 1357

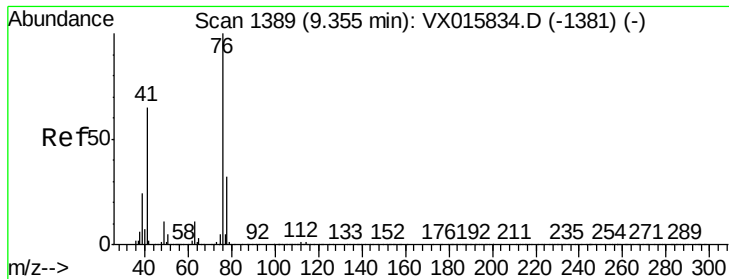
Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		915377		
41	81.4	57.4	86.2		
39	41.8	29.7	44.5		





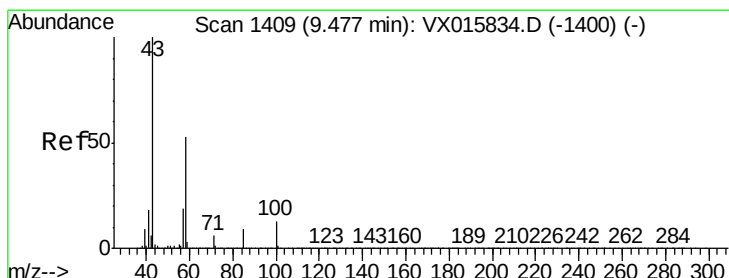
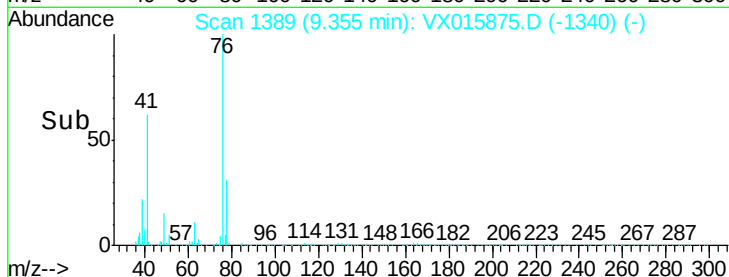
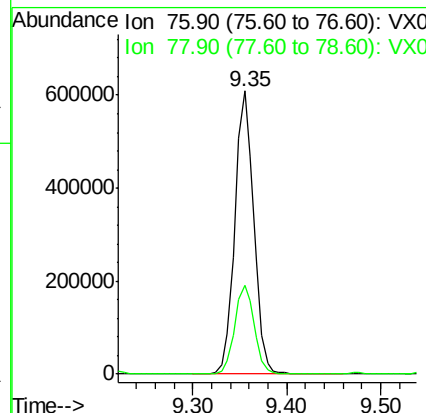
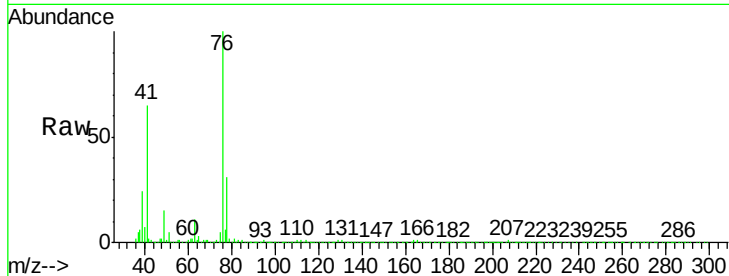
#57
 1,3-Dichloropropane
 Concen: 49.775 ug/l
 RT: 9.35 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: VX015875.D
 Acq: 23 Apr 2020 05:28

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421MS

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.4	38.2

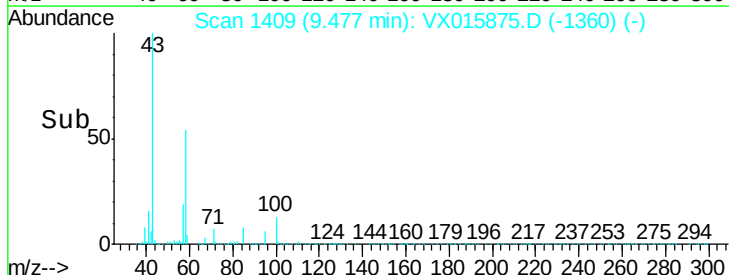
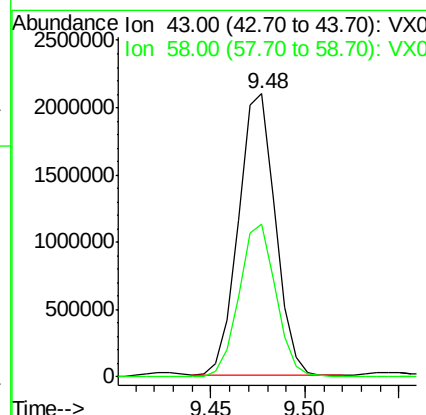
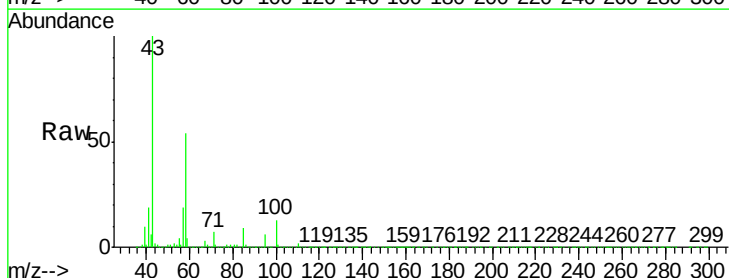
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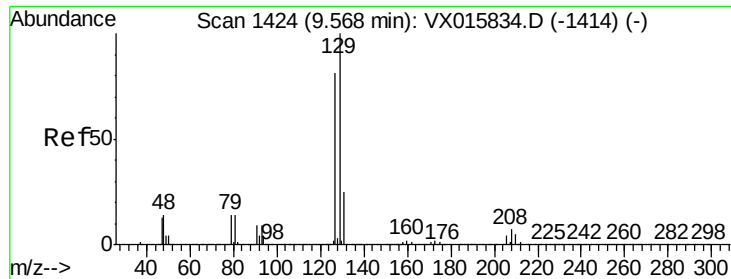
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 4/23/2020 12:16:45 PM



#59
 2-Hexanone
 Concen: 246.766 ug/l
 RT: 9.48 min Scan# 1409
 Delta R.T. -0.00 min
 Lab File: VX015875.D
 Acq: 23 Apr 2020 05:28

Tgt Ion	Ratio	Lower	Upper
43	100		
58	54.2	26.5	79.4





#60

Dibromochloromethane

Concen: 53.615 ug/l

RT: 9.57 min Scan# 1424

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MS

Tot Ion:129 Resp: 543115

Ion Ratio Lower Upper

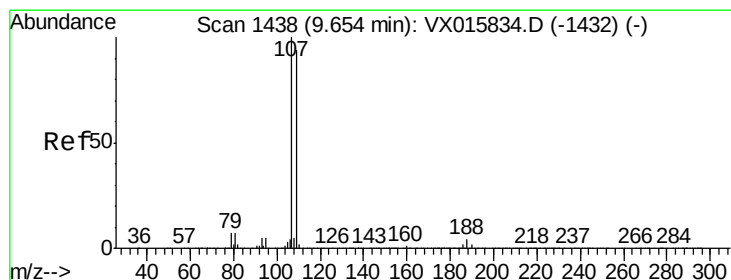
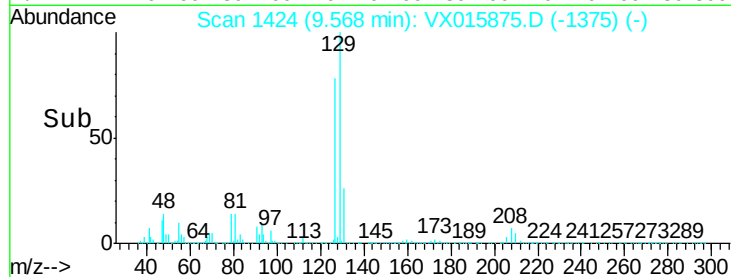
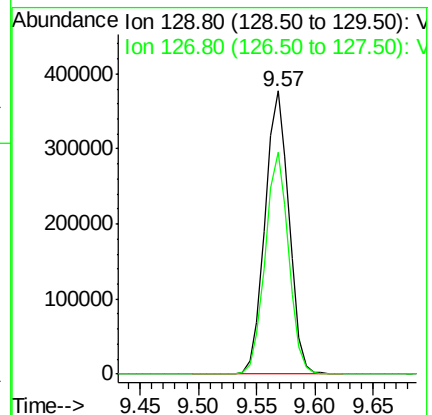
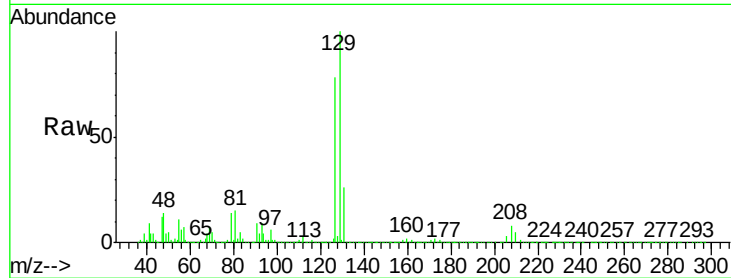
129 100

127 76.7 40.0 120.0

Manual Integrations
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#61

1,2-Dibromoethane

Concen: 49.368 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015875.D

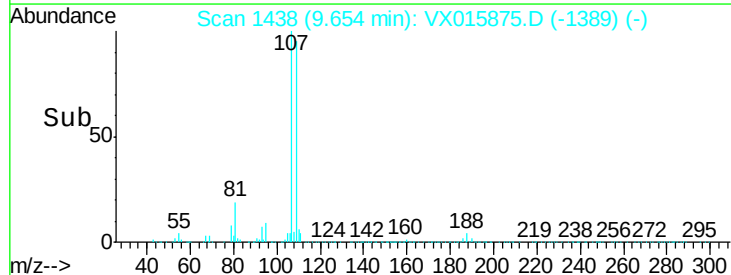
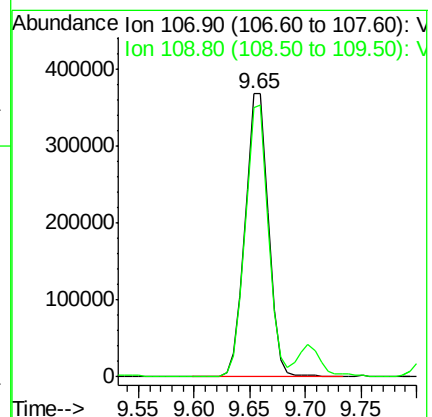
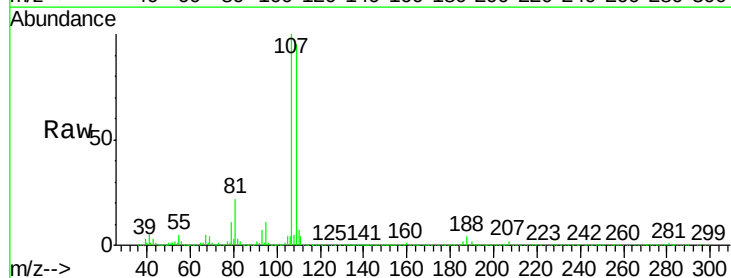
Acq: 23 Apr 2020 05:28

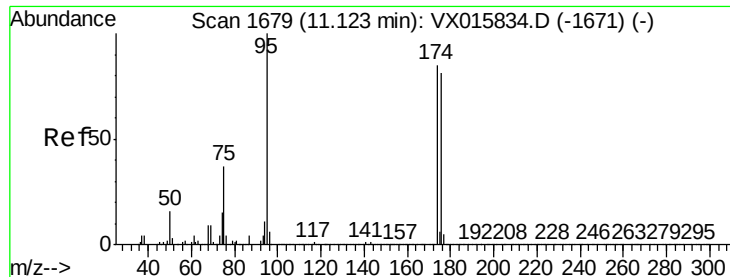
Tgt Ion:107 Resp: 535203

Ion Ratio Lower Upper

107 100

109 95.2 75.4 113.0





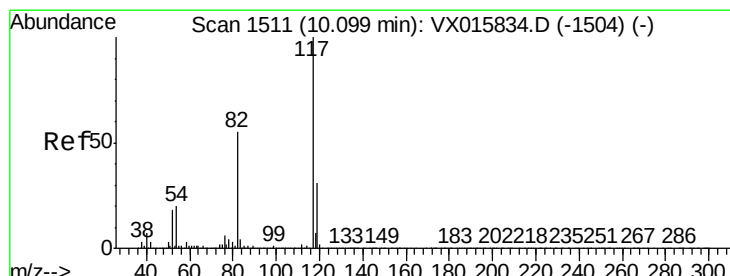
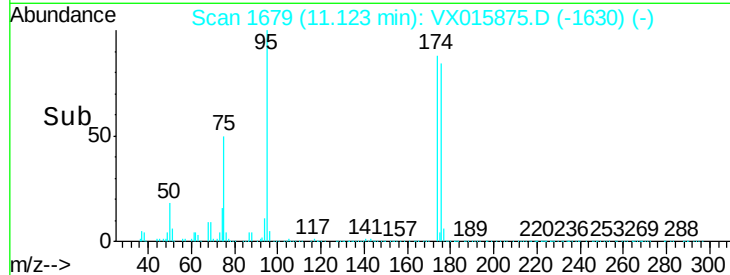
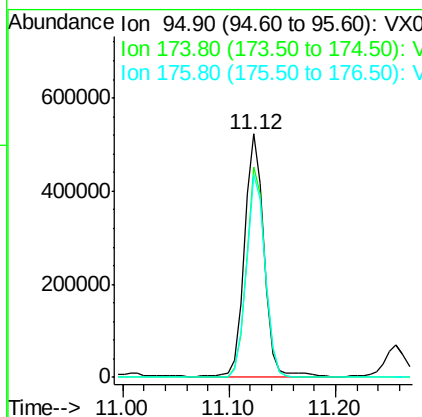
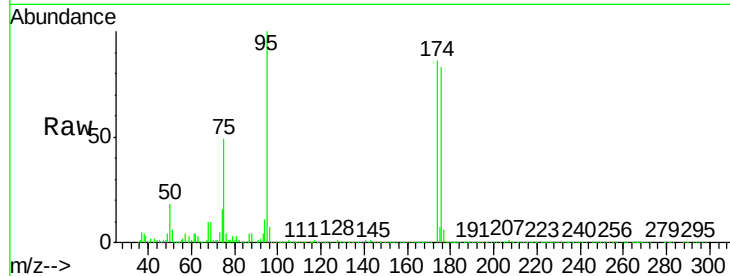
#62
4-Bromofluorobenzene
Concen: 47.765 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	668314		
174	82.2	0.0	172.4	
176	81.0	0.0	167.0	

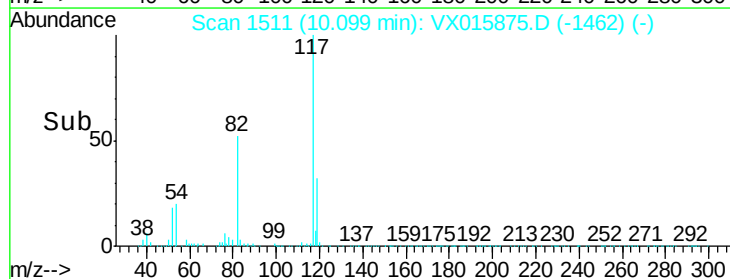
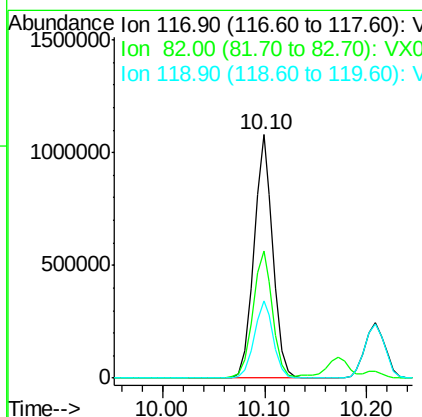
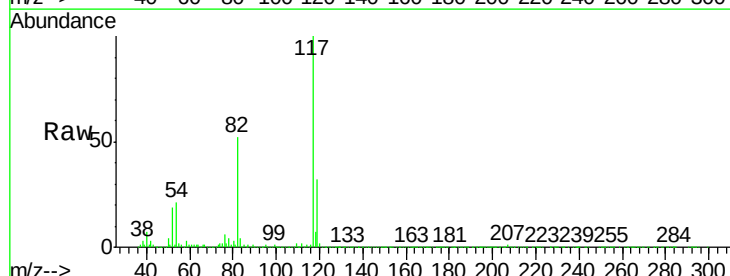
Manual Integrations
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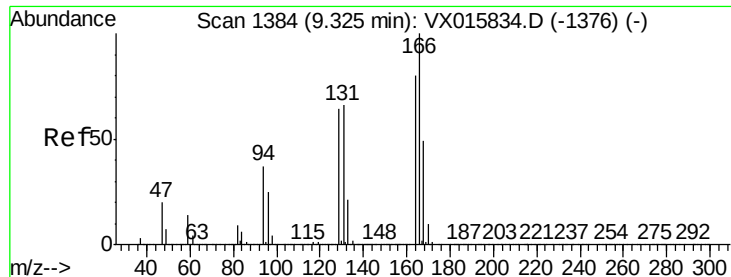
MMDadoda
4/23/2020 12:16:45 PM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1396248		
82	52.2	43.9	65.9	
119	31.7	25.1	37.7	





#64

Tetrachloroethene

Concen: 40.687 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. -0.01 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MS

Tot Ion:164 Resp: 765738

Ion Ratio Lower Upper

164 100

166 130.4 100.2 150.2

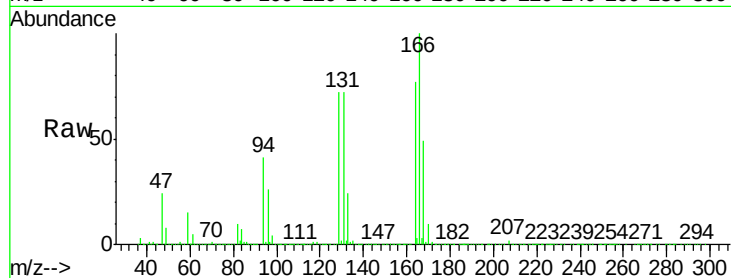
129 94.2 64.5 96.7

131 94.1 65.9 98.9

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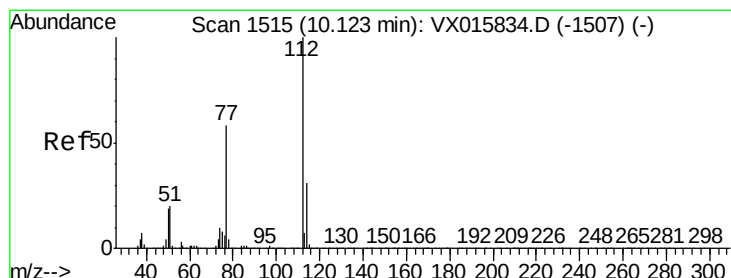
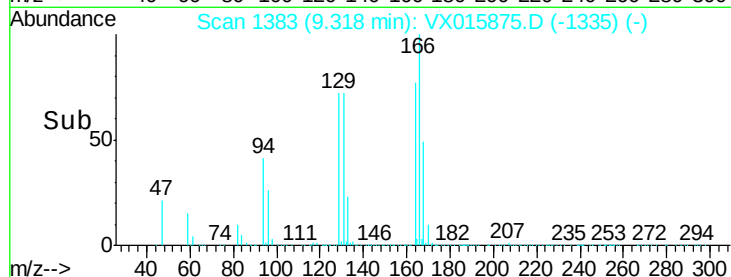
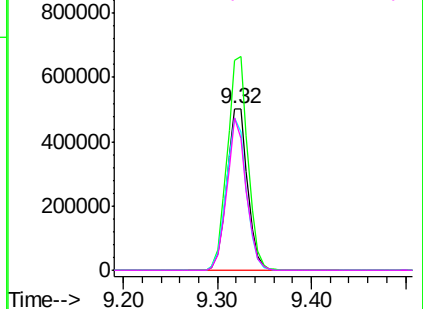


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 48.851 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. -0.00 min

Lab File: VX015875.D

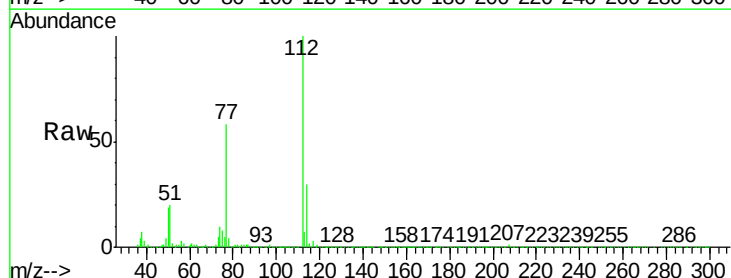
Acq: 23 Apr 2020 05:28

Tgt Ion:112 Resp: 1363946

Ion Ratio Lower Upper

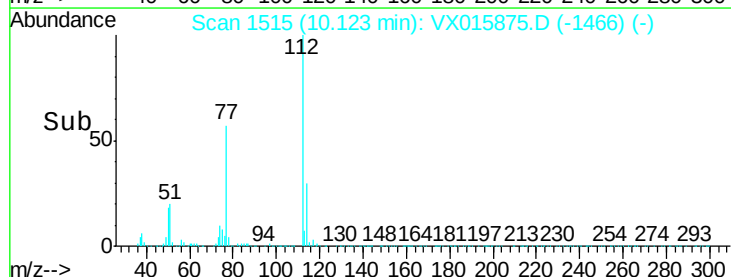
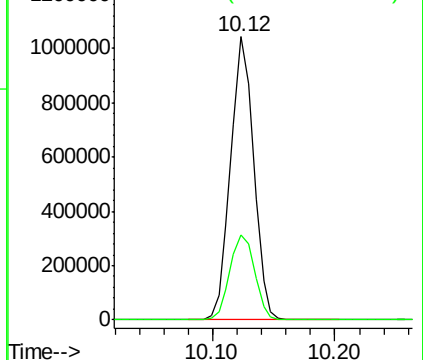
112 100

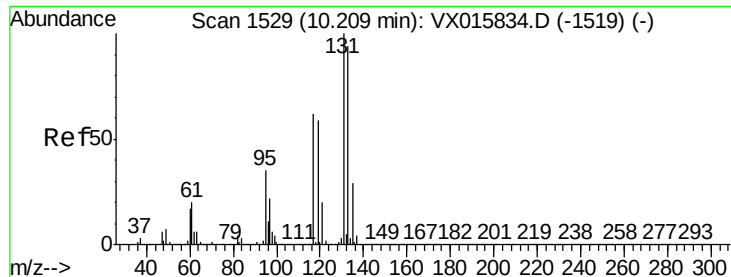
114 30.0 25.0 37.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 49.122 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

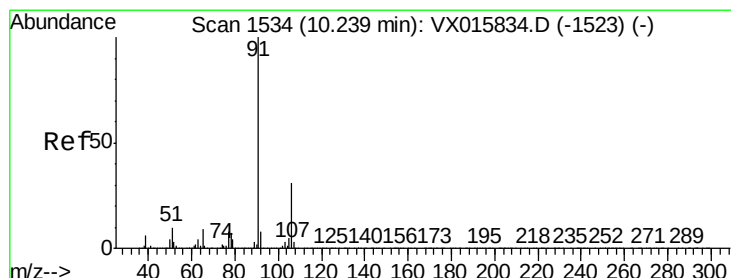
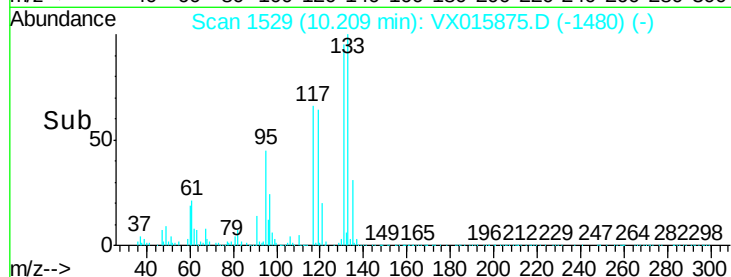
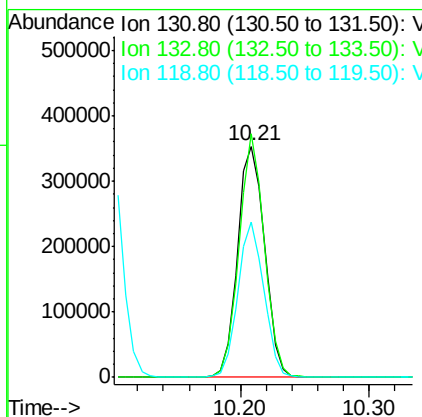
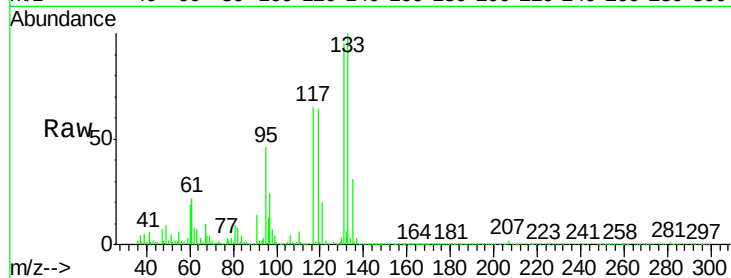
ClientSampleId :

KY001MW079-200421MS

Tot Ion:	131	Resp:	512667
Ion Ratio	Lower	Upper	
131	100		
133	98.1	47.0	141.2
119	64.4	30.9	92.8

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#67

Ethyl Benzene

Concen: 387.010 ug/l

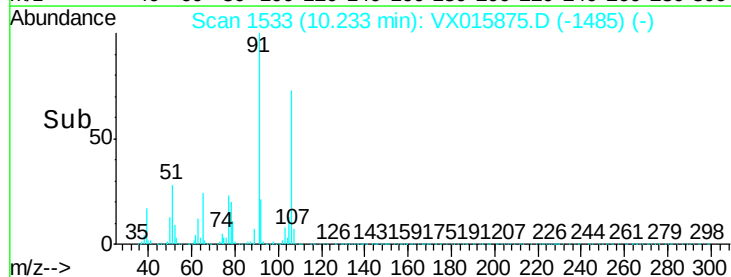
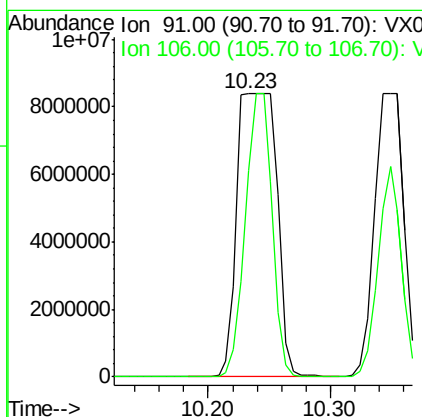
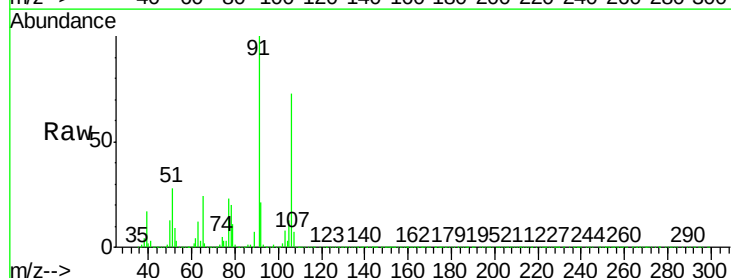
RT: 10.23 min Scan# 1533

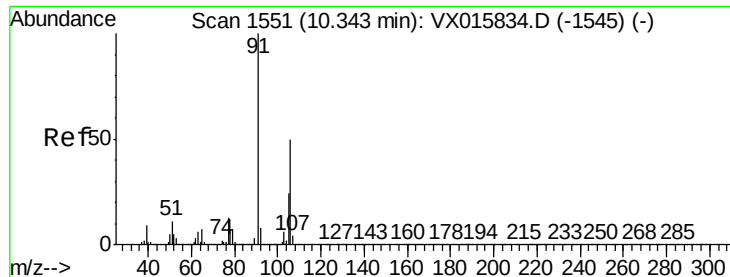
Delta R.T. -0.01 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Tgt Ion:	91	Resp:	18975343
Ion Ratio	Lower	Upper	
91	100		
106	73.1	25.0	37.4#





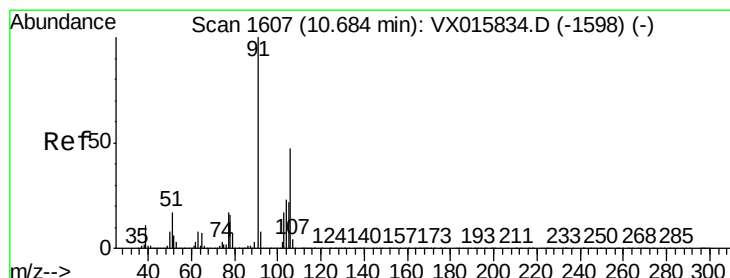
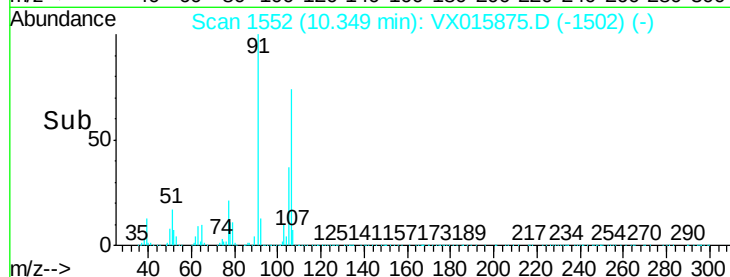
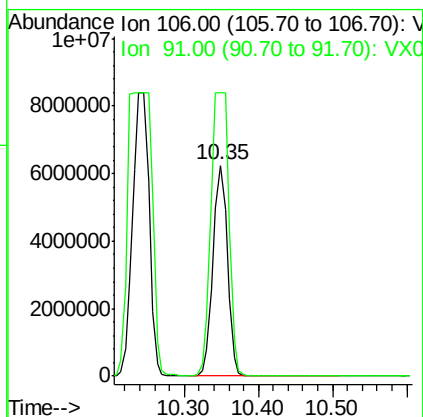
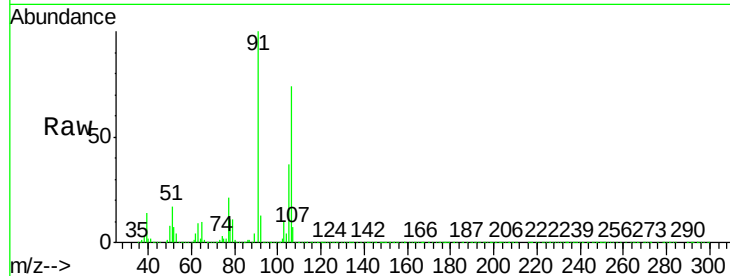
#68
m/p-Xylenes
Concen: 451.113 ug/l
RT: 10.35 min Scan# 1552
Delta R.T. 0.01 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MS

Tot Ion:106 Resp: 8302153
Ion Ratio Lower Upper
106 100
91 168.5 161.1 241.7

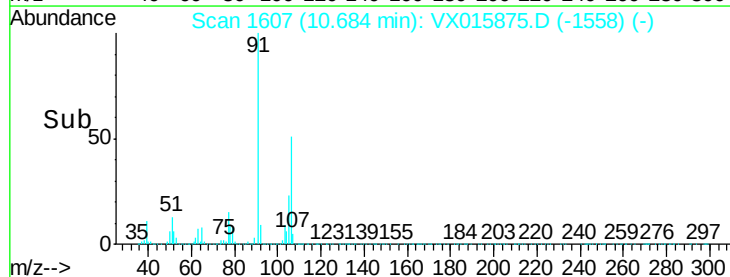
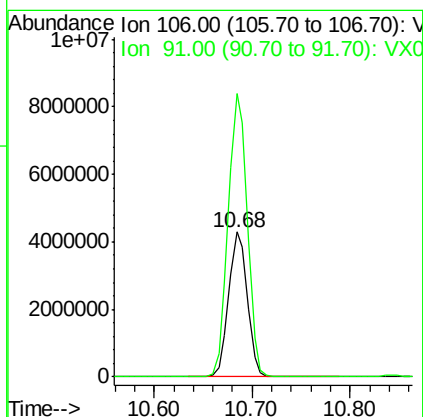
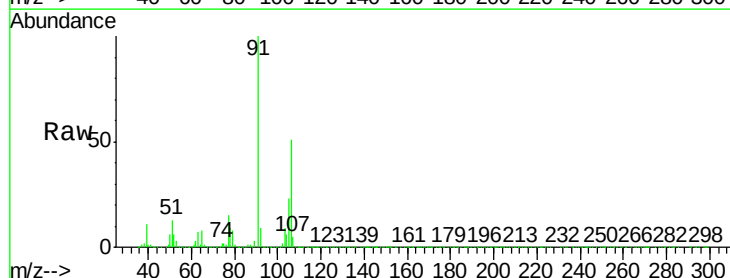
Manual Integrations
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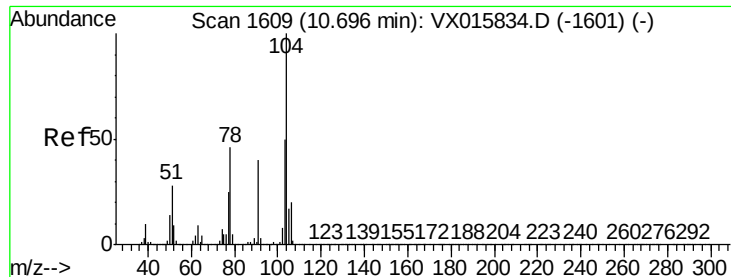
MMDadoda
4/23/2020 12:16:45 PM



#69
o-Xylene
Concen: 312.610 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Tgt Ion:106 Resp: 5661444
Ion Ratio Lower Upper
106 100
91 201.1 107.1 321.3





#70

Stvrene

Concen: 55.429 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

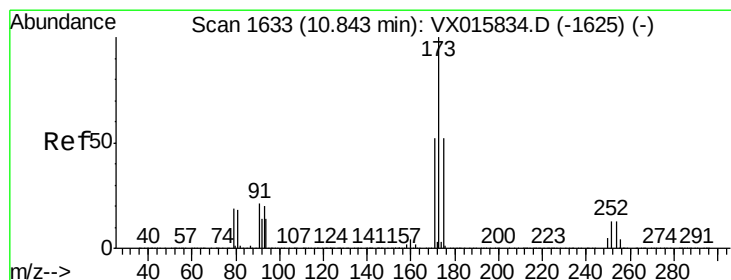
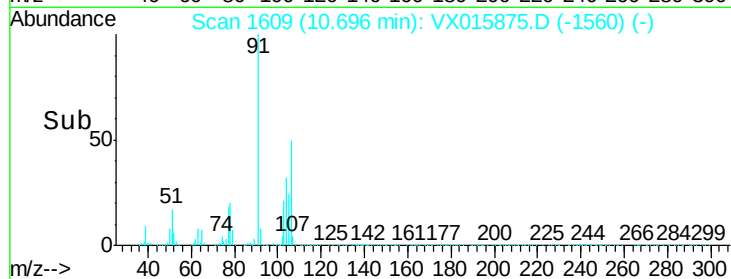
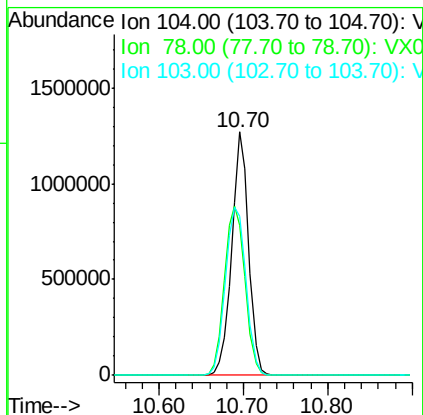
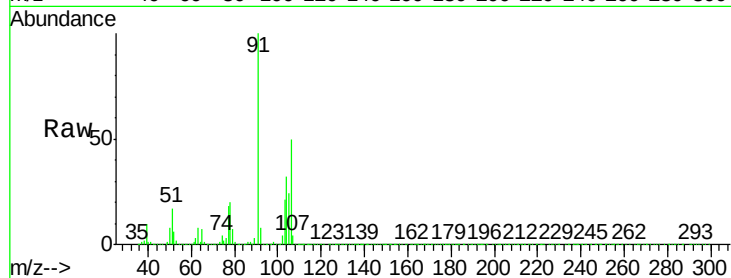
ClientSampleId :

KY001MW079-200421MS

Tot Ion:	104	Resp:	1738151
Ion	Ratio	Lower	Upper
104	100		
78	84.6	40.1	60.1#
103	84.8	43.3	64.9#

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#71

Bromoform

Concen: 54.468 ug/l

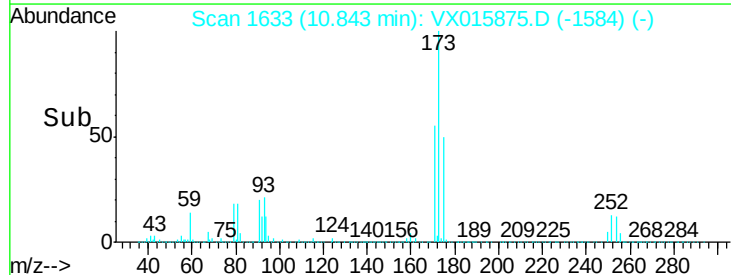
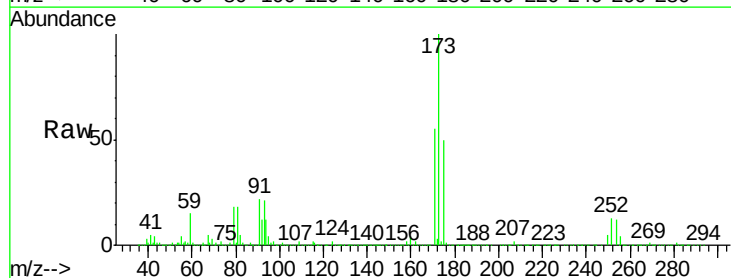
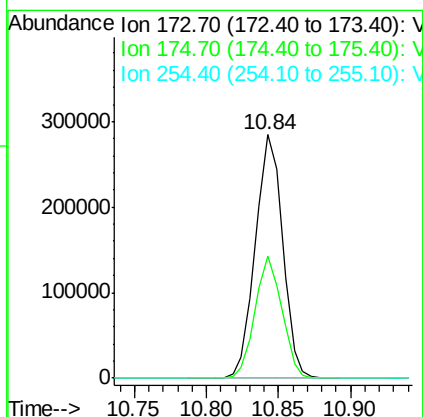
RT: 10.84 min Scan# 1633

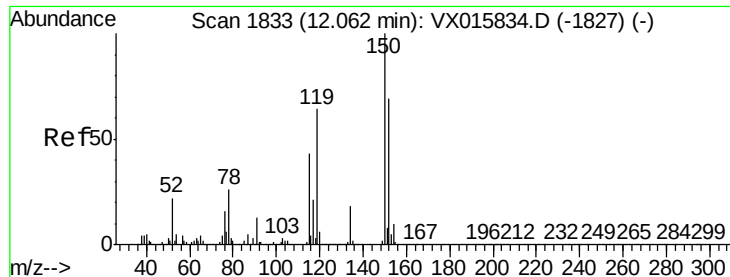
Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Tgt Ion:	173	Resp:	370427
Ion	Ratio	Lower	Upper
173	100		
175	49.4	25.1	75.4
254	0.3	0.3	0.5#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1834

Delta R.T. 0.01 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

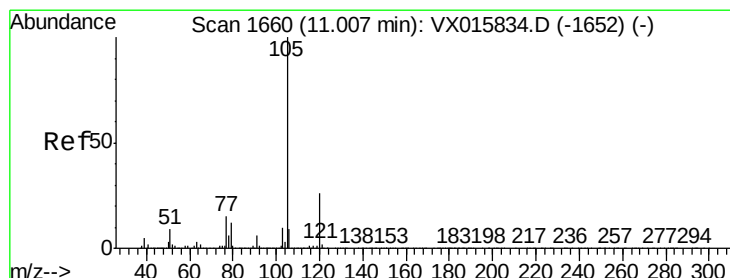
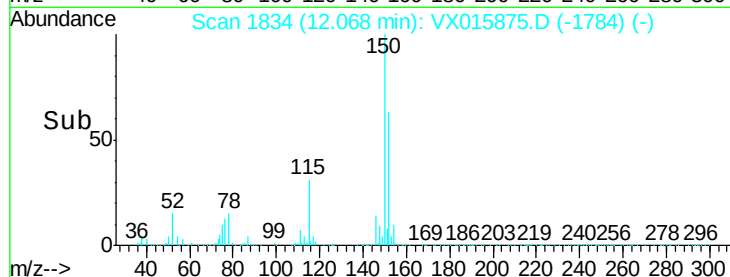
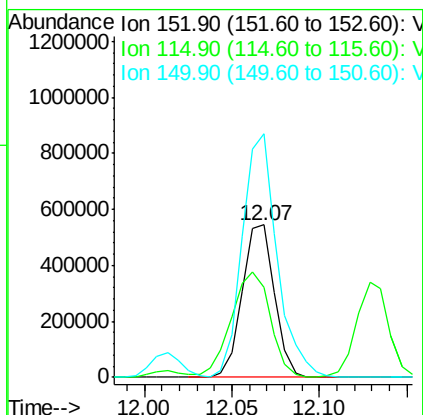
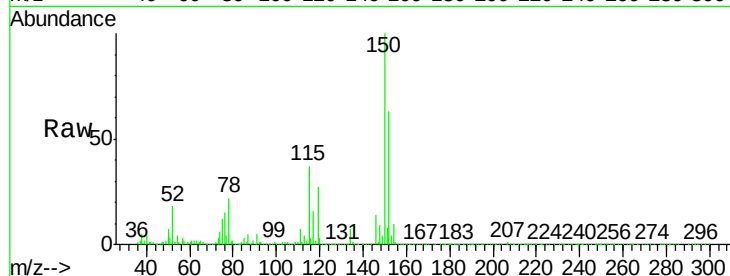
ClientSampleId :

KY001MW079-200421MS

Tot Ion:	152	Resp:	699316
Ion Ratio	Lower	Upper	
152	100		
115	82.5	39.0	116.9
150	172.6	0.0	336.8

Manual Integrations
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#73

Isopropylbenzene

Concen: 332.373 ug/l

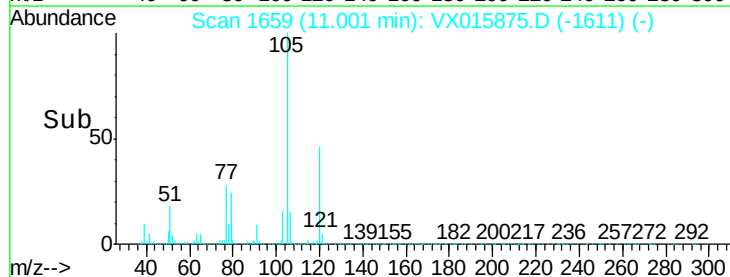
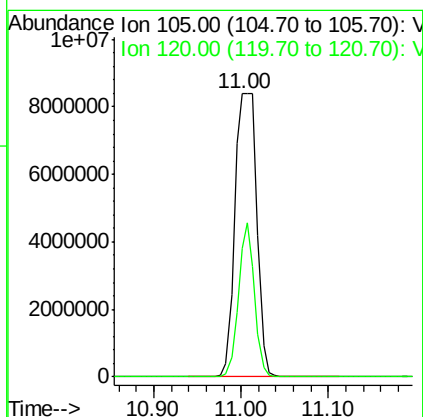
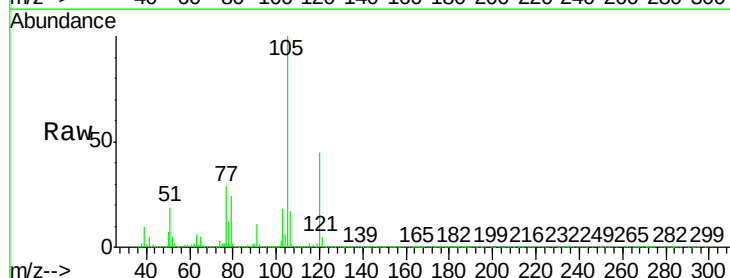
RT: 11.00 min Scan# 1659

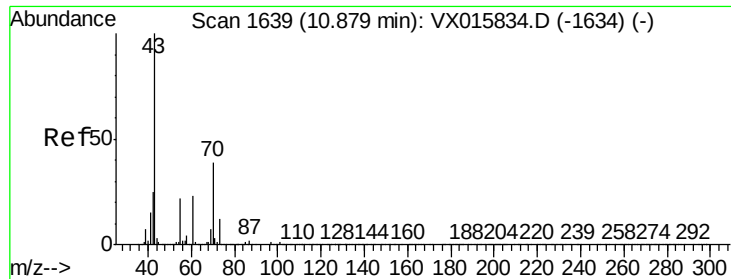
Delta R.T. -0.01 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Tgt Ion:	105	Resp:	14761837
Ion Ratio	Lower	Upper	
105	100		
120	39.4	13.1	39.1#





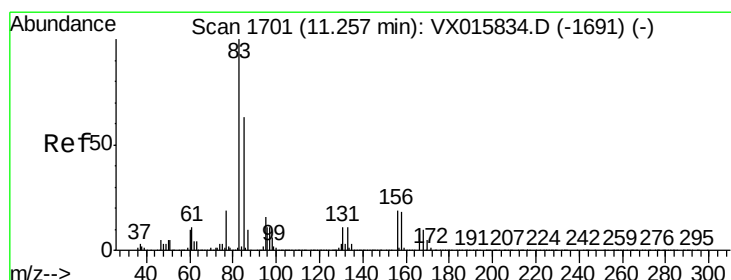
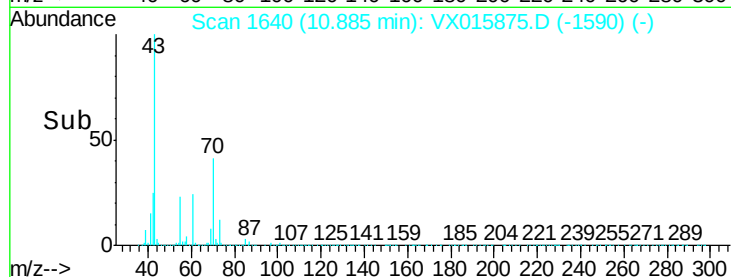
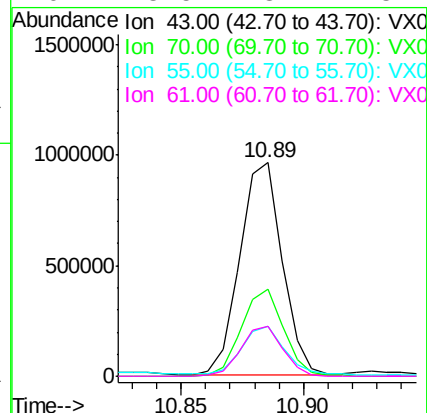
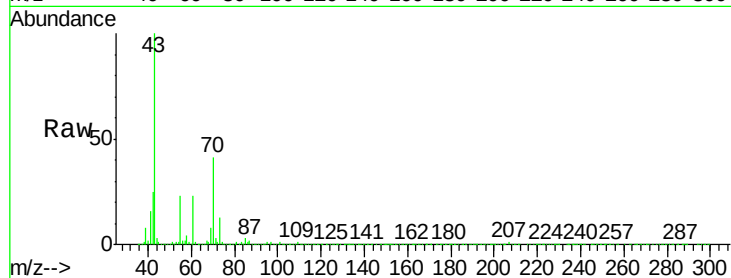
#74
N-amvl acetate
Concen: 50.381 ug/l
RT: 10.89 min Scan# 1640
Delta R.T. 0.01 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MS

Tot Ion	Ion	Ratio	Lower	Upper
43	100			
70	41.1	32.6	49.0	
55	24.8	18.3	27.5	
61	23.5	18.7	28.1	

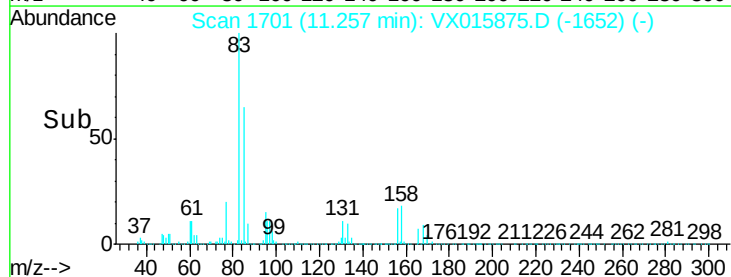
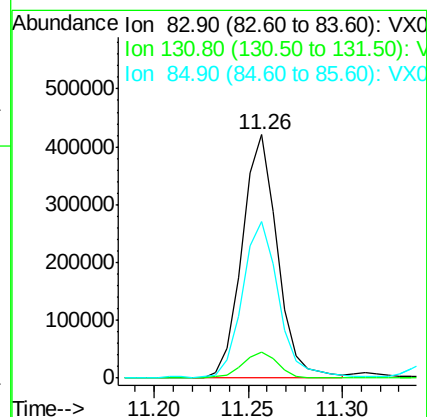
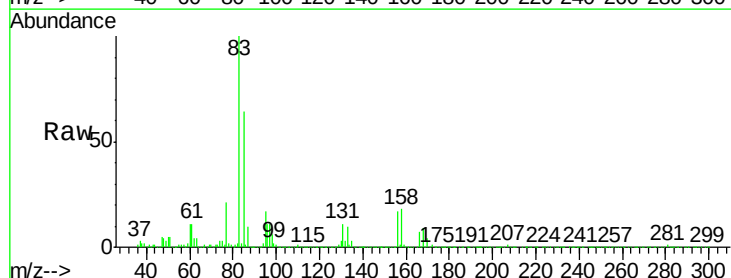
Manual Integrations
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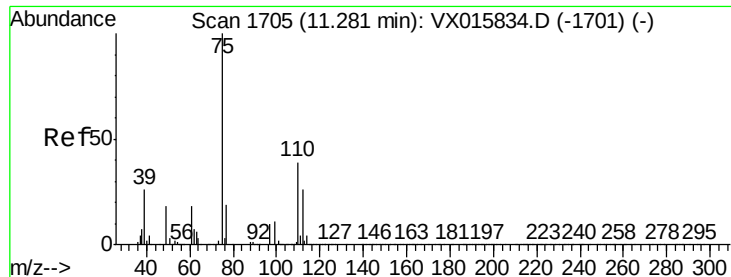
MMDadoda
4/23/2020 12:16:45 PM



#75
1,1,2,2-Tetrachloroethane
Concen: 57.716 ug/l
RT: 11.26 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
131	11.2	5.5	16.4	
85	67.3	32.4	97.0	





#76

1,2,3-Trichloropropane

Concen: 46.056 ug/l m

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MS

Tot Ion: 75 Resp: 612449

Ion Ratio Lower Upper

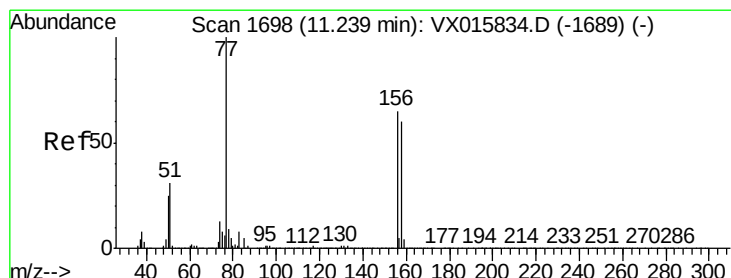
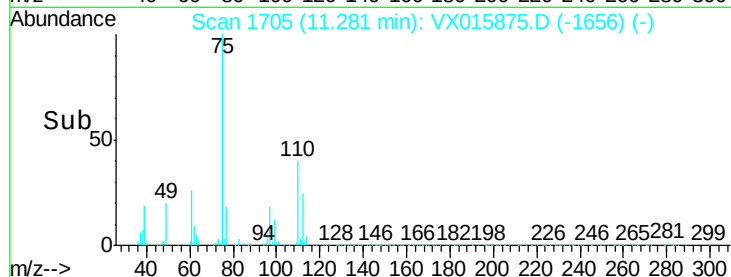
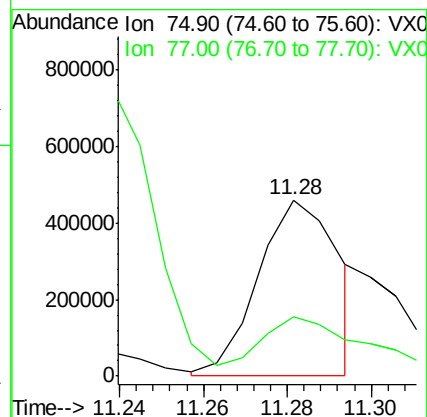
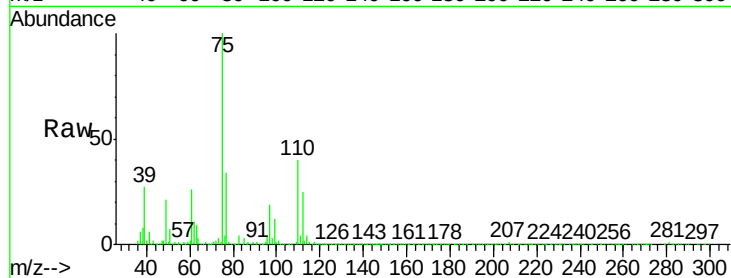
75 100

77 43.5 21.3 63.9

Manual Integrations
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#77

Bromobenzene

Concen: 48.994 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

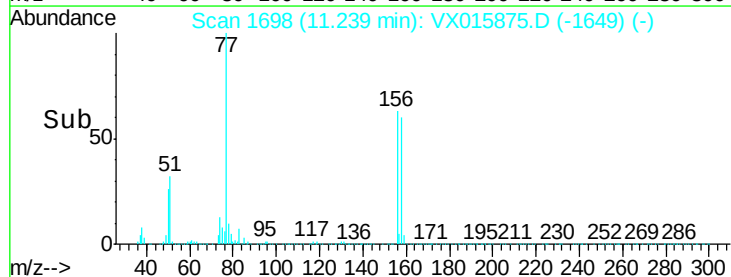
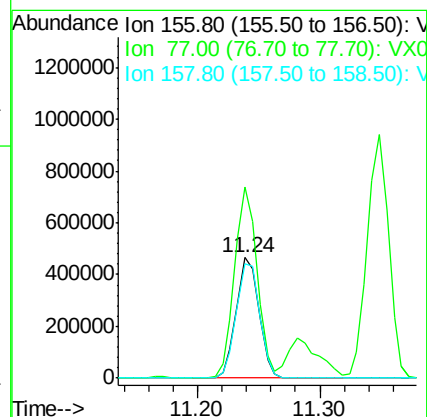
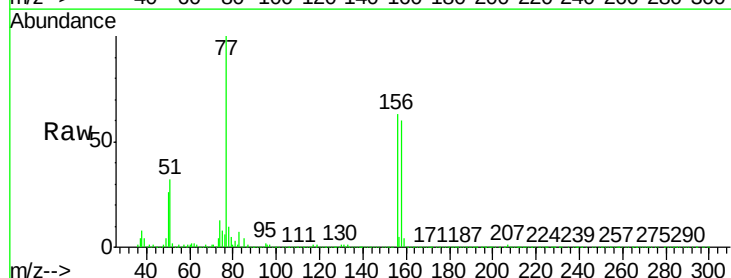
Tgt Ion: 156 Resp: 594550

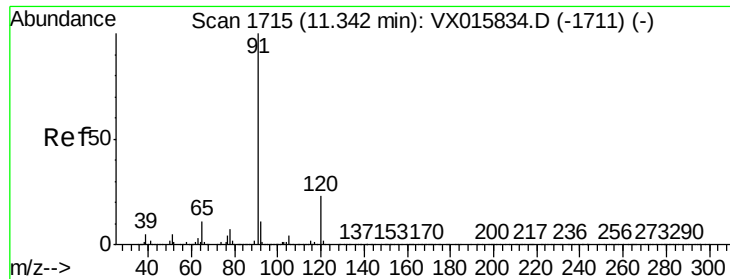
Ion Ratio Lower Upper

156 100

77 156.9 75.2 225.6

158 98.9 47.9 143.6





#78

n-propylbenzene

Concen: 310.704 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MS

Tot Ion: 91 Resp:15807928

Ion Ratio Lower Upper

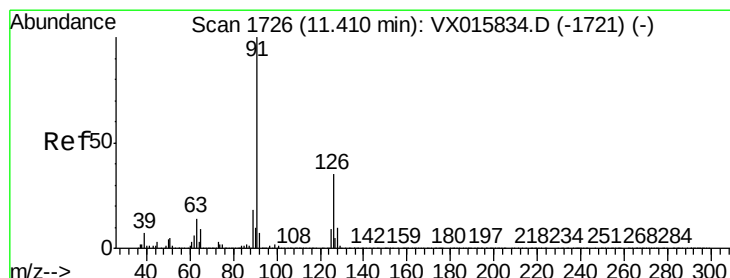
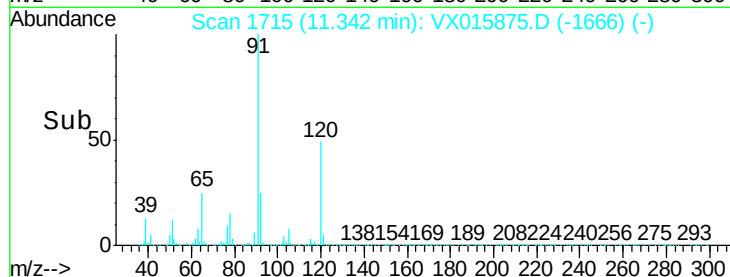
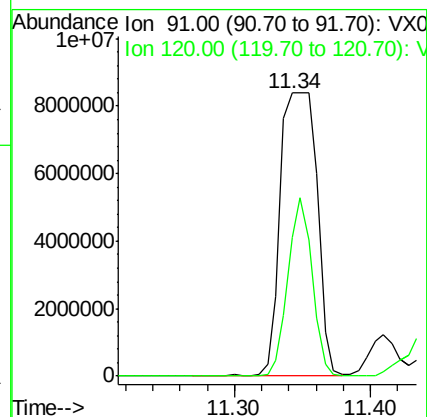
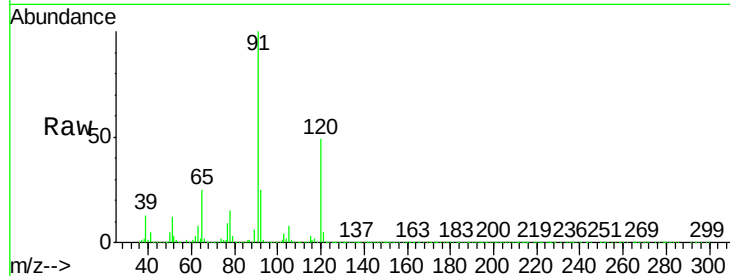
91 100

120 41.4 11.7 35.1#

Manual Integrations
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4/23/2020 12:16:45 PM



#79

2-Chlorotoluene

Concen: 57.569 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. -0.00 min

Lab File: VX015875.D

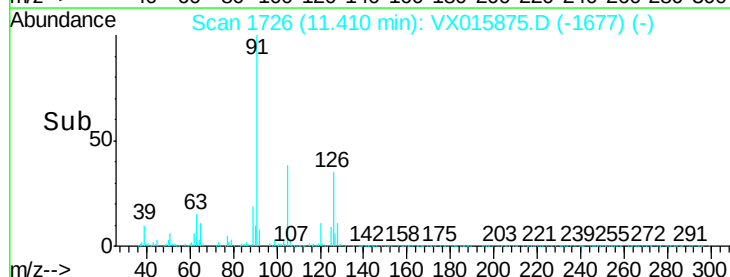
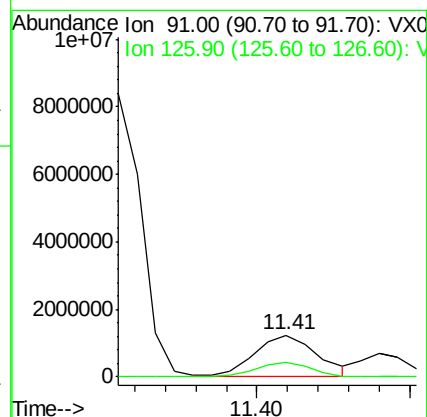
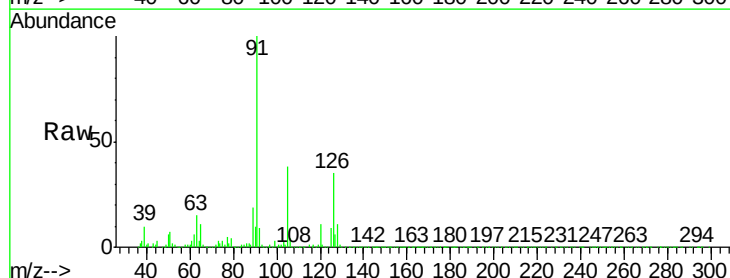
Acq: 23 Apr 2020 05:28

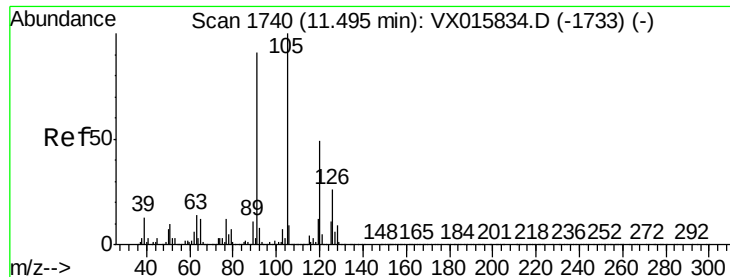
Tgt Ion: 91 Resp: 1759391

Ion Ratio Lower Upper

91 100

126 31.1 17.2 51.5





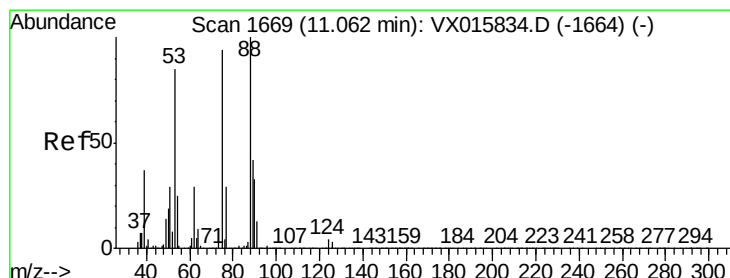
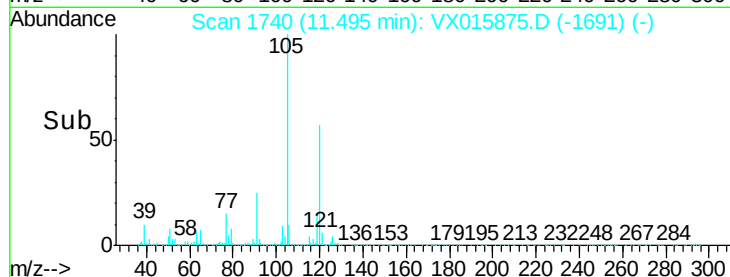
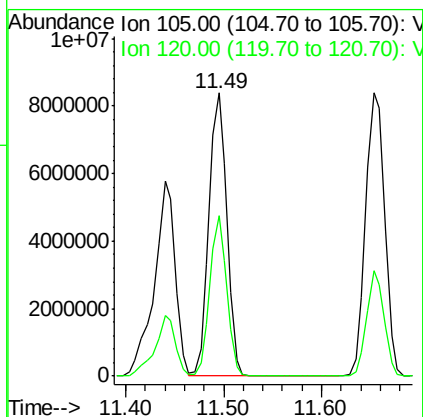
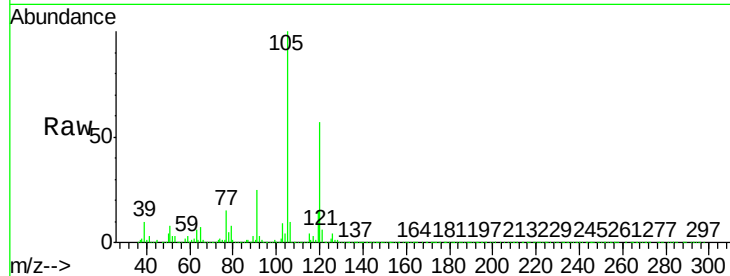
#80
 1,3,5-Trimethylbenzene
 Concen: 281.863 ug/l
 RT: 11.49 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: VX015875.D
 Acq: 23 Apr 2020 05:28

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421MS

Tot Ion:105 Resp:10674359
 Ion Ratio Lower Upper
 105 100
 120 53.5 24.9 74.7

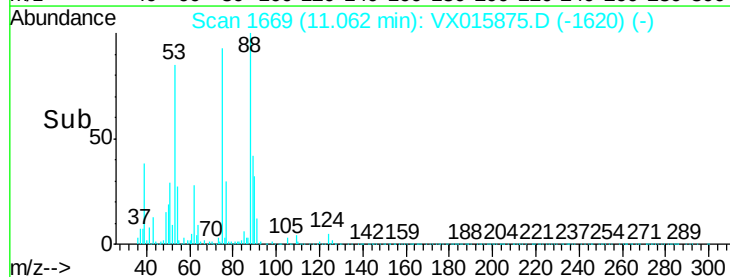
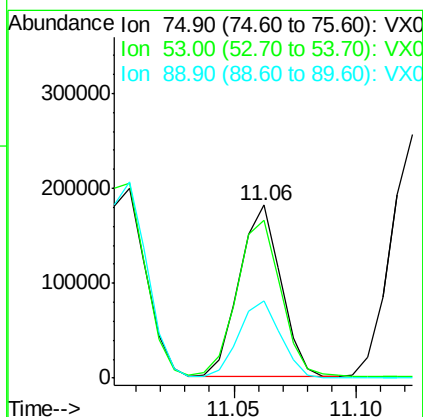
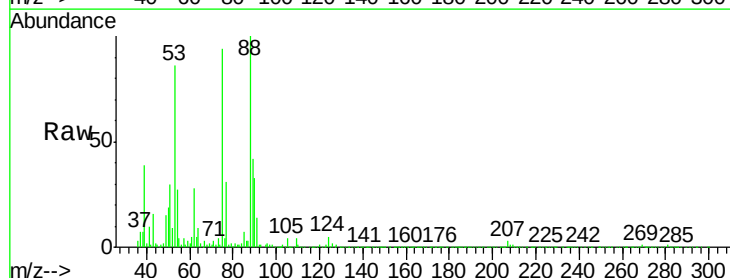
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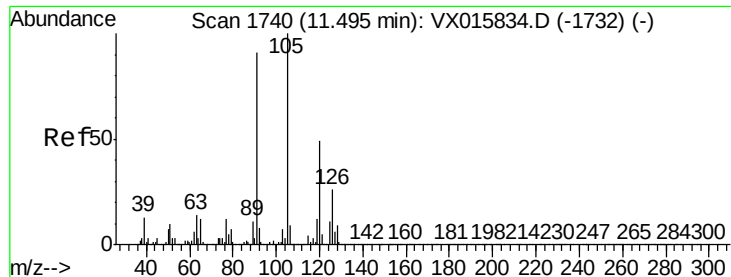
MMDadoda
 4/23/2020 12:16:45 PM



#81
 trans-1,4-Dichloro-2-butene
 Concen: 39.280 ug/l
 RT: 11.06 min Scan# 1669
 Delta R.T. -0.00 min
 Lab File: VX015875.D
 Acq: 23 Apr 2020 05:28

Tgt Ion: 75 Resp: 217143
 Ion Ratio Lower Upper
 75 100
 53 95.6 74.2 111.2
 89 45.8 38.0 57.0





#82

4-Chlorotoluene

Concen: 75.579 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MS

Tot Ion: 91 Resp: 2744737

Ion Ratio Lower Upper

91 100

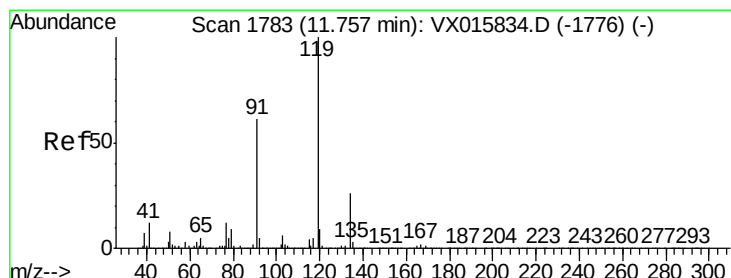
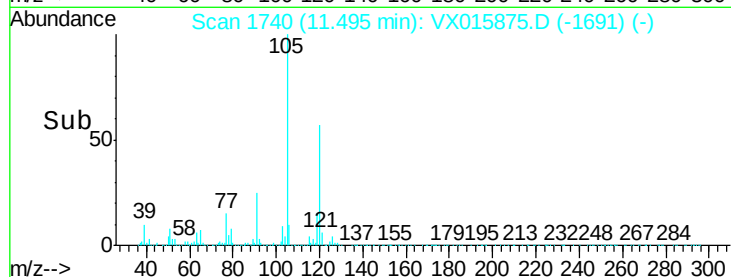
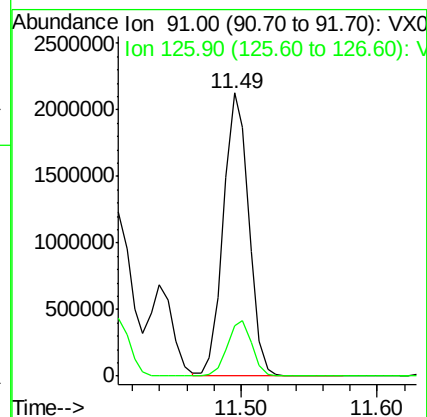
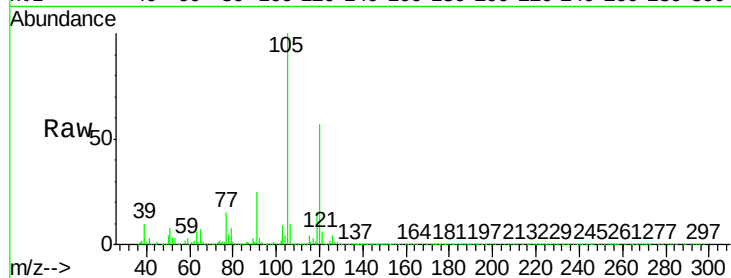
126 18.7 15.0 45.0

Manual Integrations

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#83

tert-Butylbenzene

Concen: 51.990 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

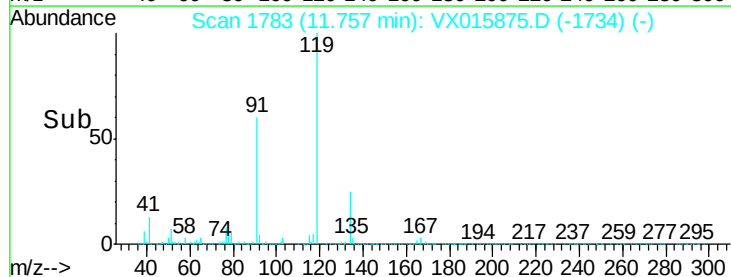
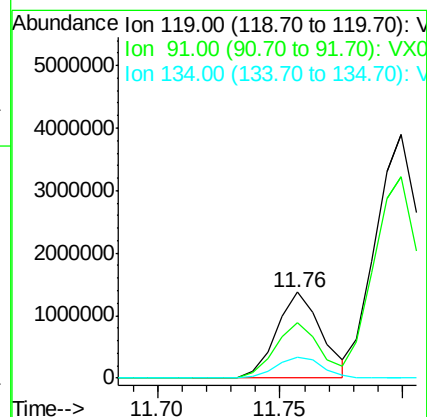
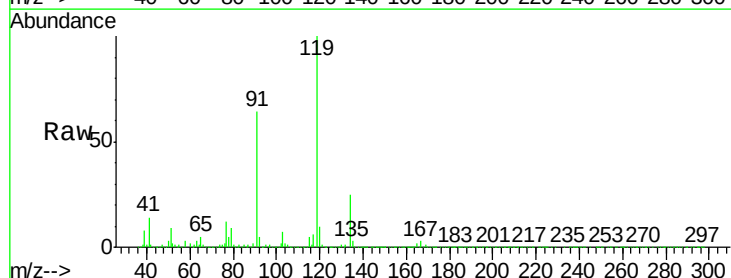
Tgt Ion: 119 Resp: 1746477

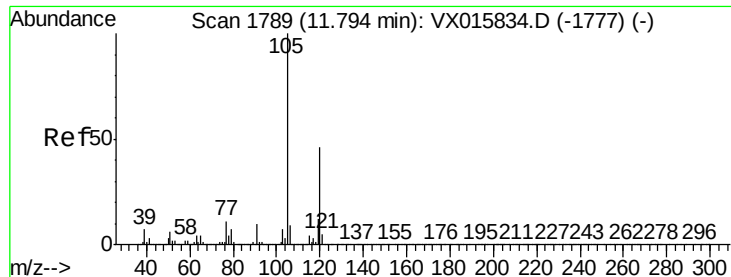
Ion Ratio Lower Upper

119 100

91 64.9 30.9 92.7

134 25.1 12.4 37.2





#84

1,2,4-Trimethylbenzene

Concen: 437.193 ug/l m

RT: 11.79 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

ClientSampleId :

KY001MW079-200421MS

Tot Ion:105 Resp:17189034

Ion Ratio Lower Upper

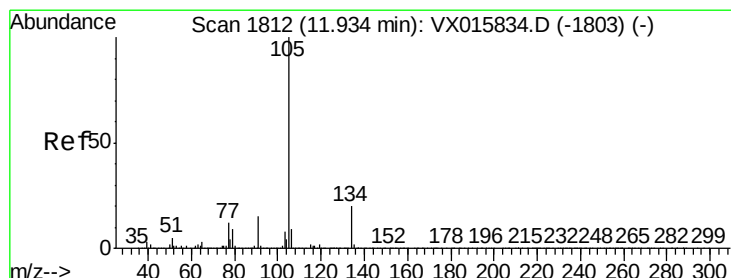
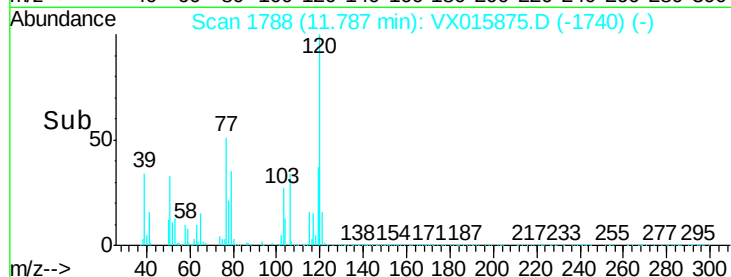
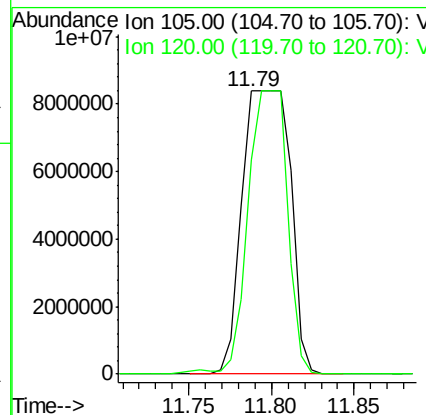
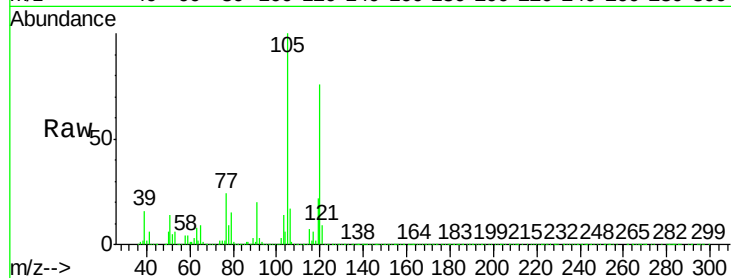
105 100

120 22.4 22.9 68.7#

Manual Integrations
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#85

sec-Butylbenzene

Concen: 75.519 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015875.D

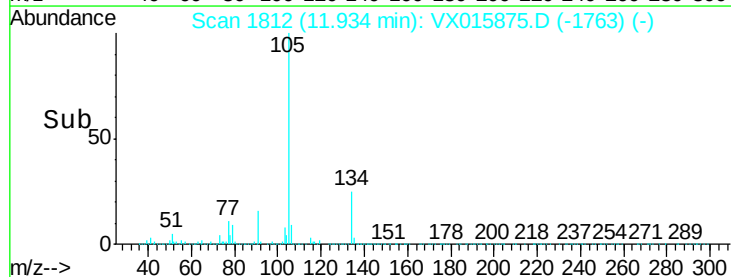
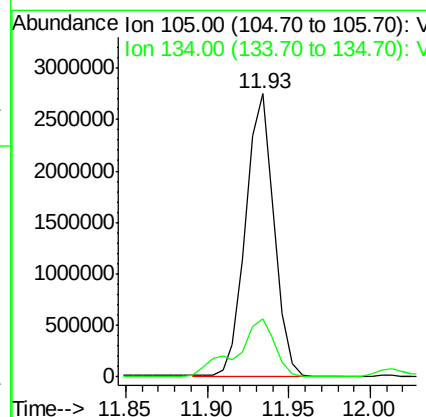
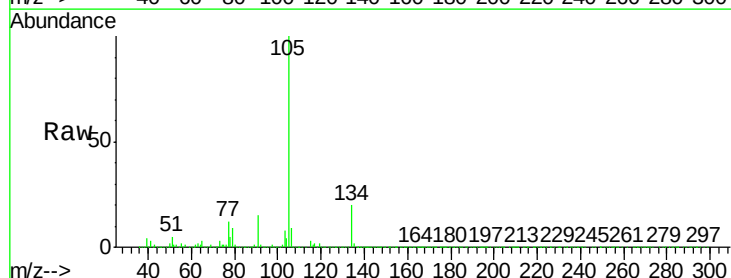
Acq: 23 Apr 2020 05:28

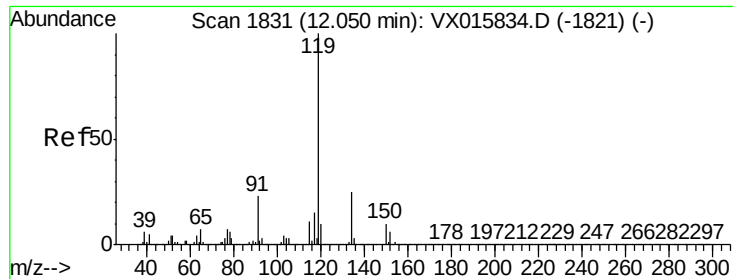
Tgt Ion:105 Resp: 3344208

Ion Ratio Lower Upper

105 100

134 27.7 10.3 30.8





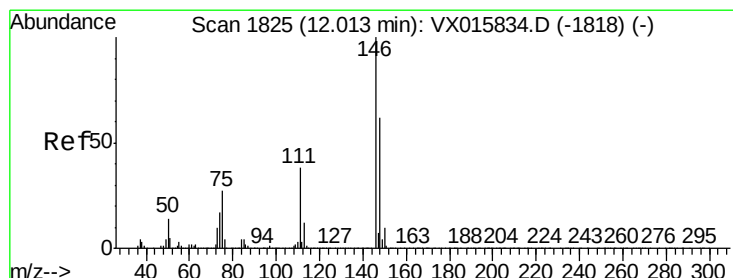
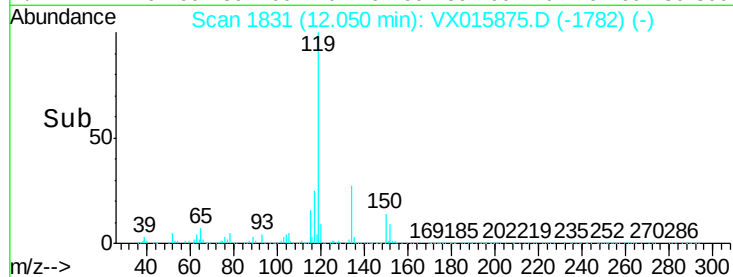
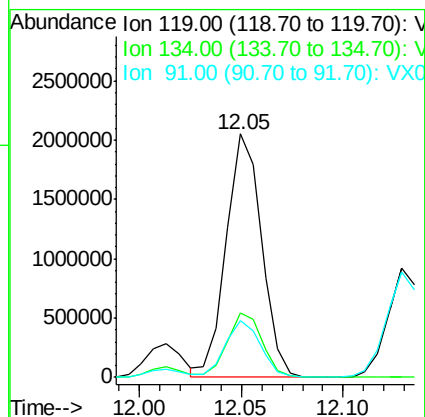
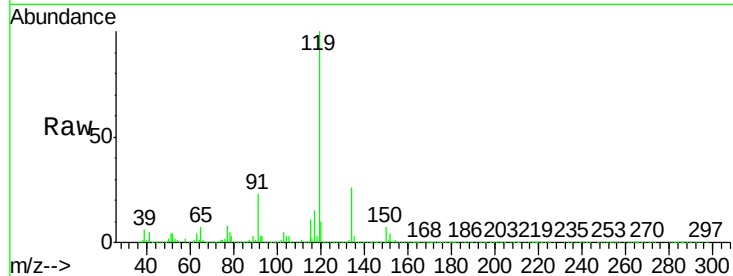
#86
p-Isopropyltoluene
Concen: 59.159 ug/l
RT: 12.05 min Scan# 1831
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.0	38.9
91	23.0	11.5	34.5

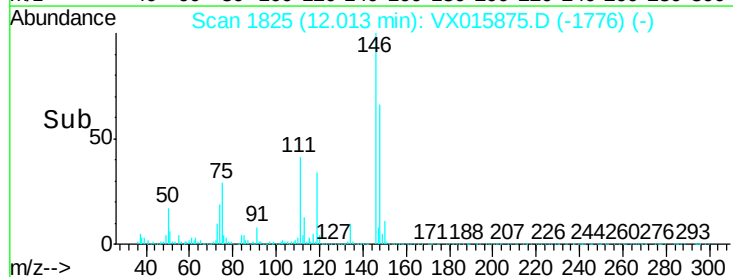
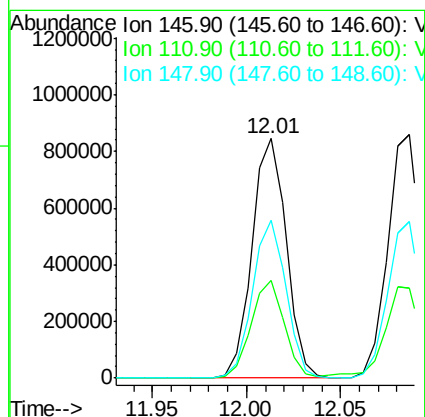
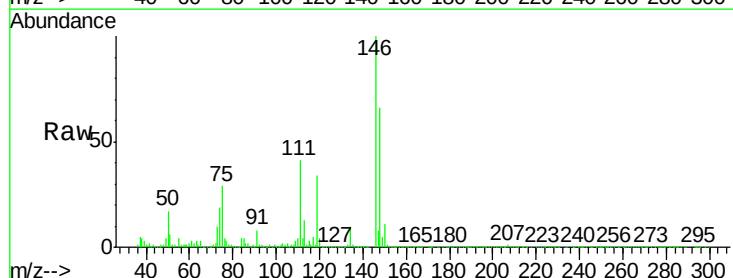
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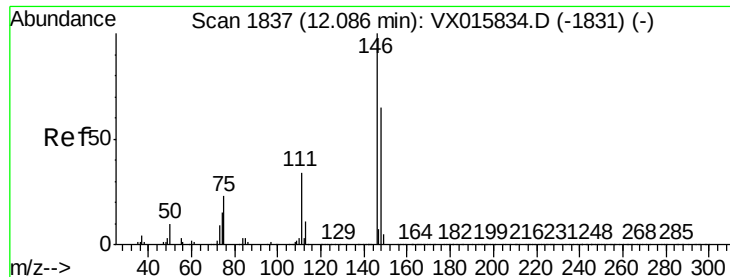
MMDadoda
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#87
1,3-Dichlorobenzene
Concen: 47.842 ug/l
RT: 12.01 min Scan# 1825
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.1	57.1
148	64.3	30.9	92.7





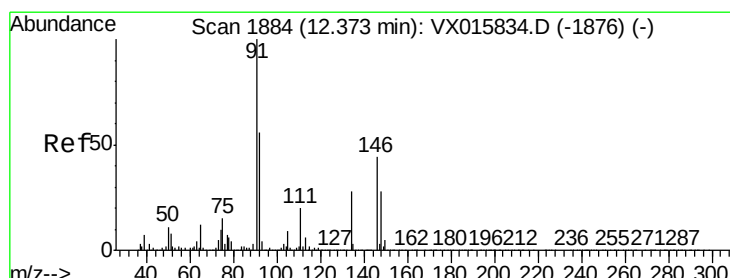
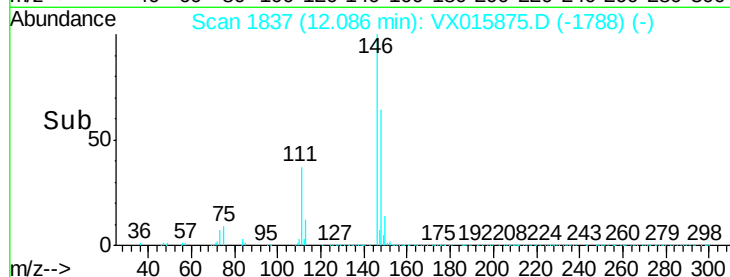
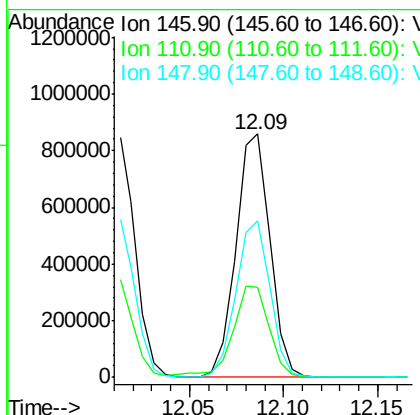
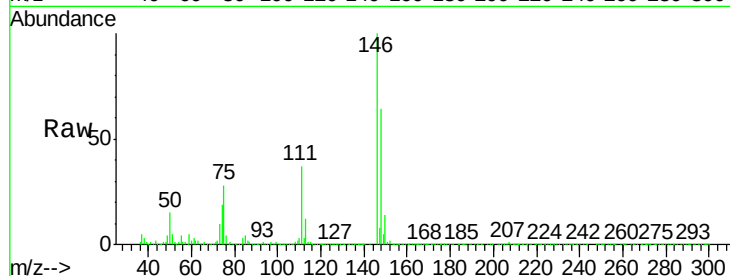
#88
 1,4-Dichlorobenzene
 Concen: 48.146 ug/l
 RT: 12.09 min Scan# 1837
 Delta R.T. -0.00 min
 Lab File: VX015875.D
 Acq: 23 Apr 2020 05:28

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421MS

Tot Ion:146 Resp: 1073603
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.4 58.2
 148 64.2 33.8 101.4

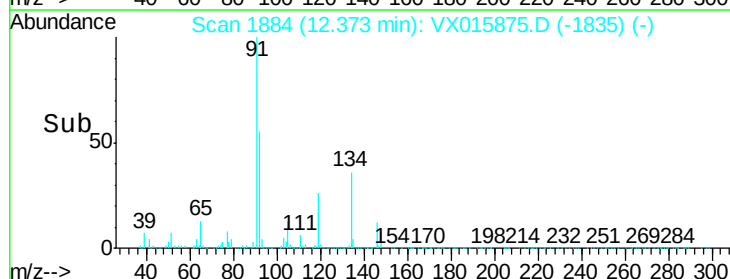
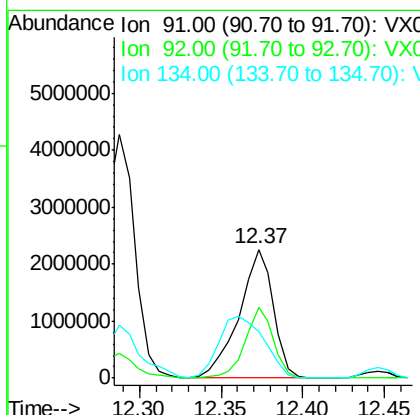
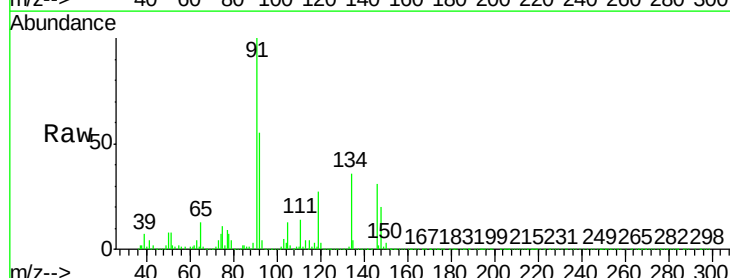
Manual Integrations
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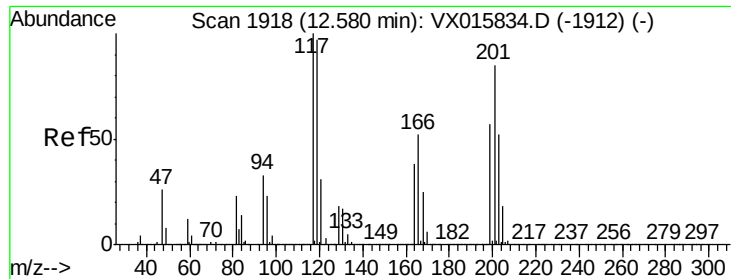
MMDadoda
 4/23/2020 12:16:45 PM



#89
 n-Butylbenzene
 Concen: 89.034 ug/l
 RT: 12.37 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VX015875.D
 Acq: 23 Apr 2020 05:28

Tgt Ion: 91 Resp: 3296182
 Ion Ratio Lower Upper
 91 100
 92 45.1 27.7 83.1
 134 63.9 14.1 42.4#





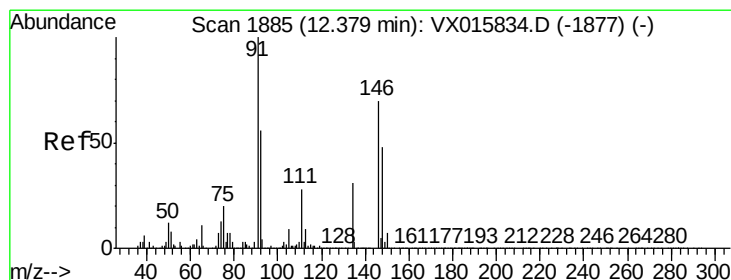
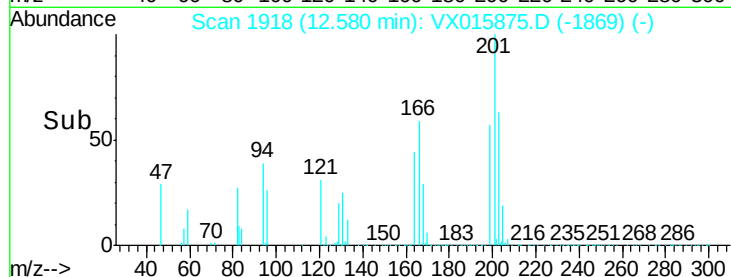
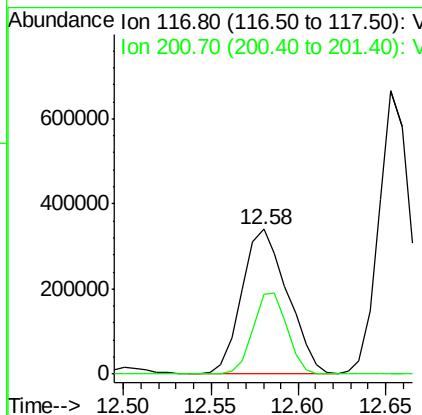
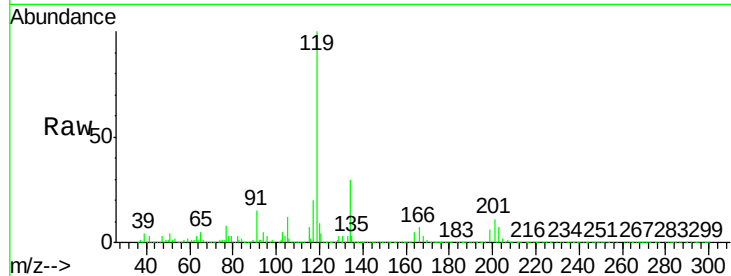
#90
Hexachloroethane
Concen: 140.145 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Instrument :
MSVOA_X
ClientSampleId :
KY001MW079-200421MS

Tot Ion:117 Resp: 613041
Ion Ratio Lower Upper
117 100
201 42.3 45.6 136.9#

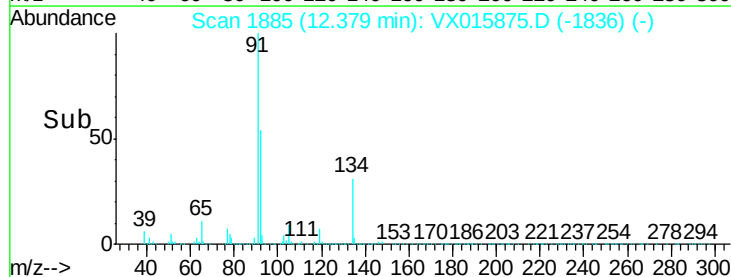
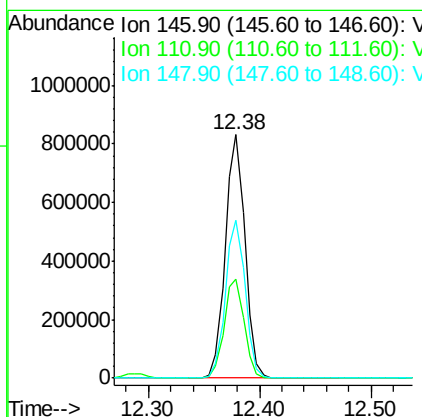
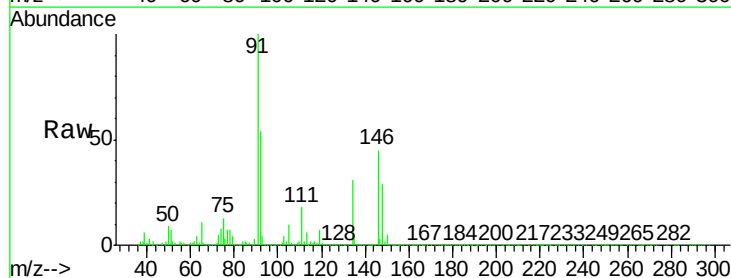
Manual Integrations
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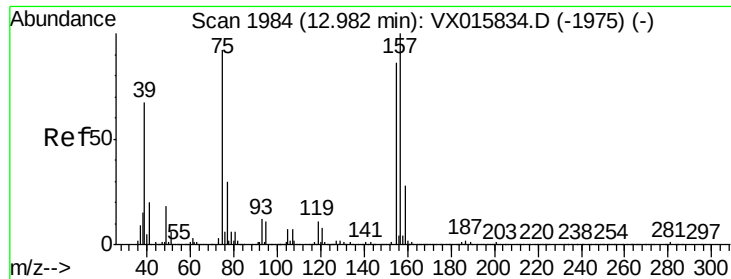
MMDadoda
4/23/2020 12:16:45 PM



#91
1,2-Dichlorobenzene
Concen: 47.884 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX015875.D
Acq: 23 Apr 2020 05:28

Tgt Ion:146 Resp: 1011681
Ion Ratio Lower Upper
146 100
111 41.4 20.3 61.0
148 65.3 32.1 96.3





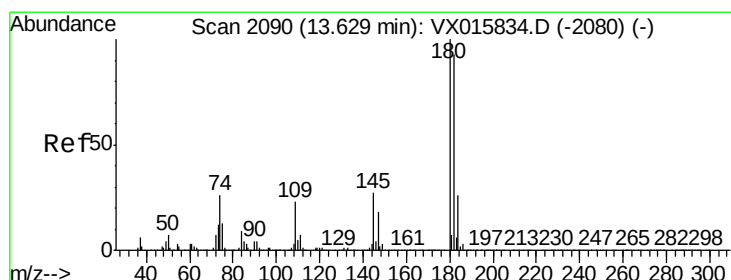
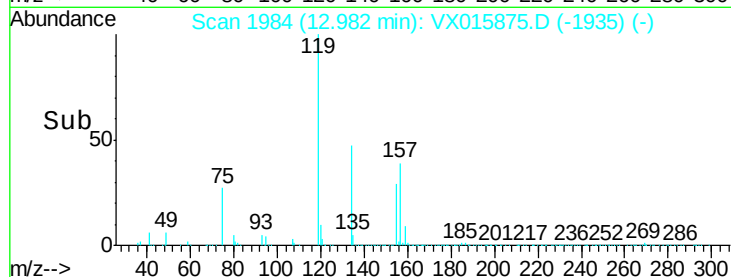
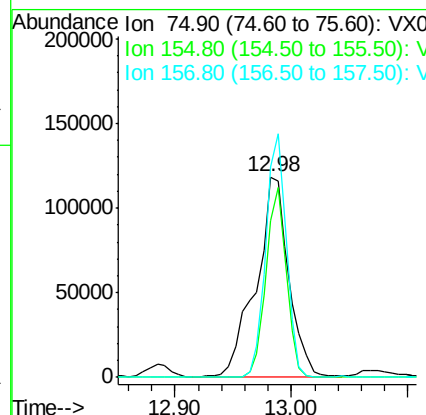
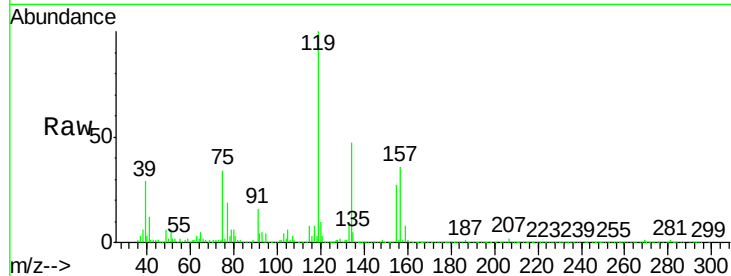
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 82.897 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015875.D
 Acq: 23 Apr 2020 05:28

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421MS

Tot Ion	Ratio	Lower	Upper
75	100		
155	59.9	48.1	144.4
157	77.2	58.9	176.7

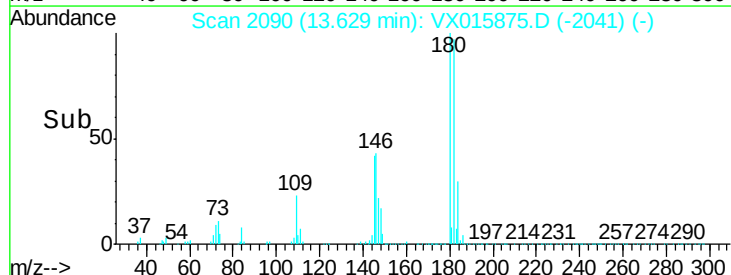
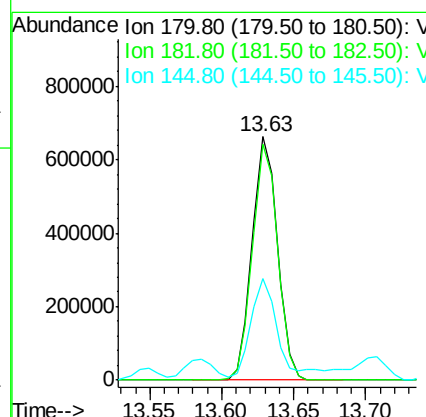
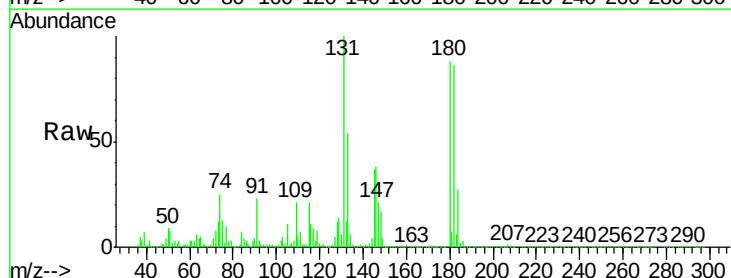
Manual Integrations
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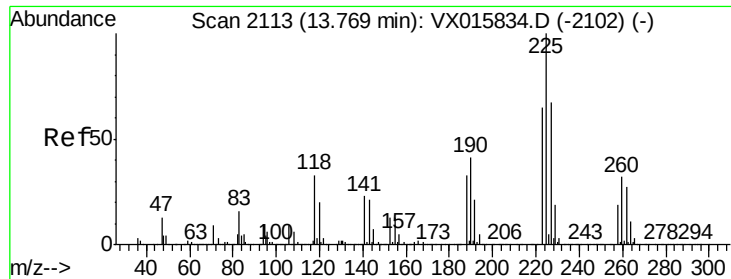
MMDadoda
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#93
 1,2,4-Trichlorobenzene
 Concen: 48.220 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015875.D
 Acq: 23 Apr 2020 05:28

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	47.7	143.1
145	46.0	14.5	43.5#





#94

Hexachlorobutadiene

Concen: 47.734 ug/l

RT: 13.77 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Instrument :

MSVOA_X

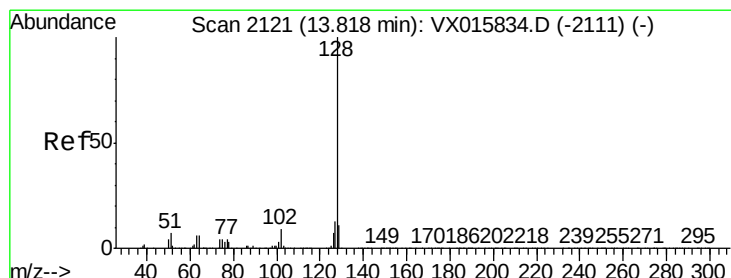
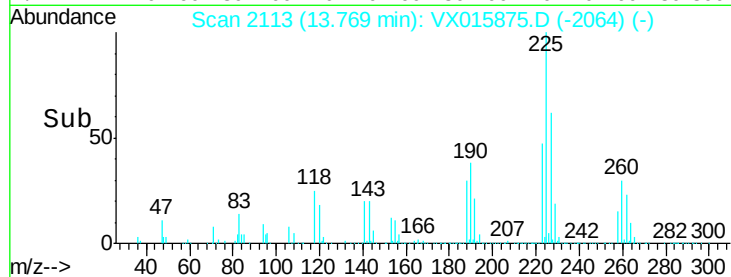
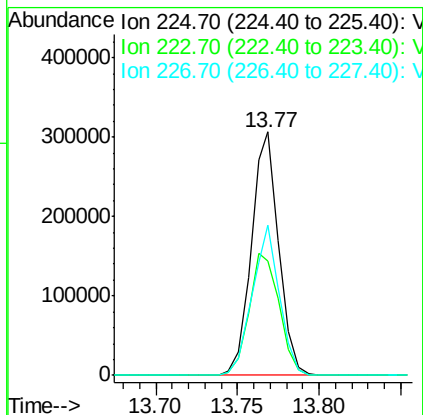
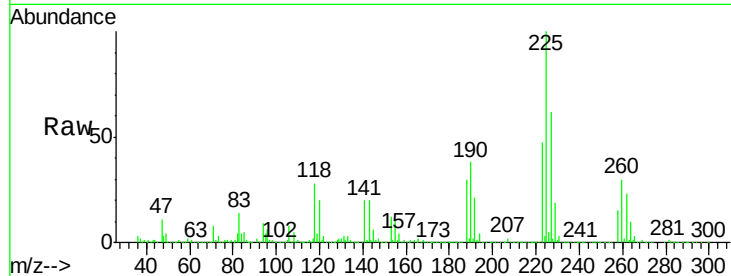
ClientSampleId :

KY001MW079-200421MS

Tot Ion:	225	Resp:	356280
Ion Ratio		Lower	Upper
225	100		
223	55.5	31.3	93.8
227	61.3	32.6	97.8

Manual Integrations
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#95

Naphthalene

Concen: 269.823 ug/l

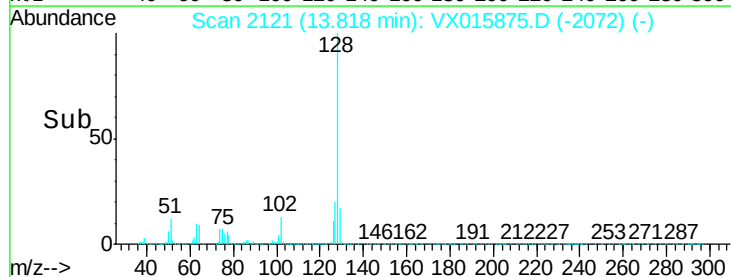
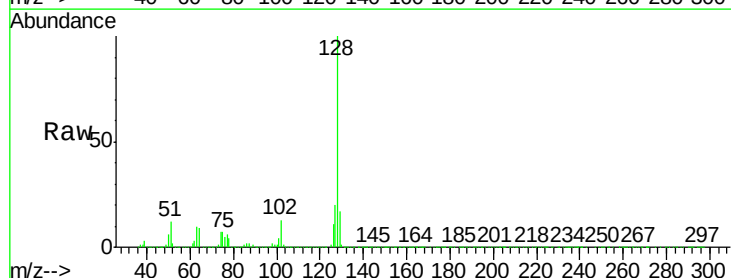
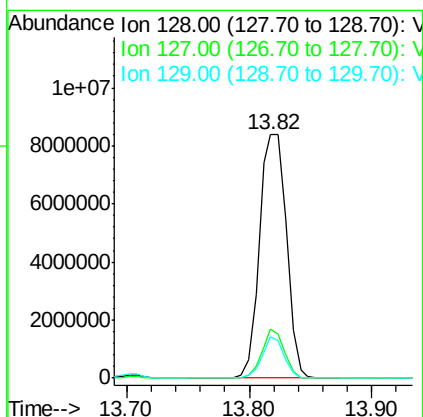
RT: 13.82 min Scan# 2121

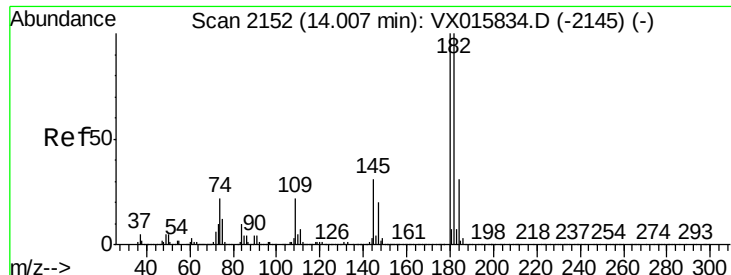
Delta R.T. -0.00 min

Lab File: VX015875.D

Acq: 23 Apr 2020 05:28

Tgt Ion:	128	Resp:	12922849
Ion Ratio		Lower	Upper
128	100		
127	16.5	10.5	15.7#
129	14.1	8.5	12.7#





#96
 1,2,3-Trichlorobenzene
 Concen: 48.618 ug/l
 RT: 14.01 min Scan# 2152
 Delta R.T. 0.00 min
 Lab File: VX015875.D
 Acq: 23 Apr 2020 05:28

Instrument :
 MSVOA_X
 ClientSampleId :
 KY001MW079-200421MS

Tot Ion	Ratio	Resp	Lower	Upper
180	100	789621		
182	93.7		47.9	143.7
145	35.6		15.2	45.5

Manual Integrations
 APPROVED

MMDadoda
 4/23/2020 12:16:45 PM

