

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041620\
 Data File : VX015726.D
 Acq On : 16 Apr 2020 20:32
 Operator : JC/SP
 Sample : L2294-07MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW032-200413MS

Manual Integrations
 APPROVED

MMDadoda
 4/17/2020 11:55:09 AM

Quant Time: Apr 17 08:50:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1023926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1512759	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1412999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	784350	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	644450	44.63	ug/l	0.00
Spiked Amount			Recovery	=	89.26%	
35) Dibromofluoromethane	5.47	113	500665	51.78	ug/l	0.00
Spiked Amount			Recovery	=	103.56%	
50) Toluene-d8	8.70	98	1868607	52.49	ug/l	0.00
Spiked Amount			Recovery	=	104.98%	
62) 4-Bromofluorobenzene	11.12	95	751288	51.92	ug/l	0.00
Spiked Amount			Recovery	=	103.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	363861	40.335	ug/l	100
3) Chloromethane	1.31	50	478589	41.659	ug/l	99
4) Vinyl Chloride	1.39	62	469198	44.479	ug/l	98
5) Bromomethane	1.62	94	261885	54.602	ug/l	100
6) Chloroethane	1.71	64	294033	44.943	ug/l	98
7) Trichlorofluoromethane	1.92	101	654188	46.243	ug/l	97
8) Diethyl Ether	2.17	74	265939	44.569	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	430614	46.693	ug/l	96
10) Methyl Iodide	2.49	142	431819	34.729	ug/l	98
11) Tert butyl alcohol	3.01	59	621069	179.675	ug/l	99
12) 1,1-Dichloroethene	2.36	96	429021	44.380	ug/l	97
13) Acrolein	2.27	56	581389	295.265	ug/l	99
14) Allyl chloride	2.71	41	898496	39.778	ug/l	99
15) Acrylonitrile	3.12	53	1432455	217.301	ug/l	100
16) Acetone	2.42	43	1255925	202.427	ug/l	98
17) Carbon Disulfide	2.55	76	1092029	37.031	ug/l	100
18) Methyl Acetate	2.75	43	672988	42.499	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	1627945	43.421	ug/l	99
20) Methylene Chloride	2.84	84	501332	43.260	ug/l	91
21) trans-1,2-Dichloroethene	3.14	96	471385	43.938	ug/l	99
22) Diisopropyl ether	3.83	45	1769989	44.222	ug/l	95
23) Vinyl Acetate	3.79	43	7390998	203.952	ug/l	99
24) 1,1-Dichloroethane	3.67	63	905130	42.951	ug/l	98
25) 2-Butanone	4.64	43	2028273	203.277	ug/l	99
26) 2,2-Dichloropropane	4.55	77	674988	39.022	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	607847	48.971	ug/l	95
28) Bromochloromethane	4.98	49	432500	42.985	ug/l	91
29) Tetrahydrofuran	5.09	42	1333442	207.879	ug/l	99
30) Chloroform	5.18	83	901096	44.444	ug/l	99
31) Cyclohexane	5.55	56	795378	43.507	ug/l	100
32) 1,1,1-Trichloroethane	5.47	97	805018	43.873	ug/l	99
36) 1,1-Dichloropropene	5.78	75	660829	47.411	ug/l	99
37) Ethyl Acetate	4.80	43	807579	44.498	ug/l	100
38) Carbon Tetrachloride	5.76	117	726057	48.094	ug/l	99

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	781460	48.625	ug/l	96
40) Benzene	6.12	78	1991291	48.771	ug/l	99
41) Methacrylonitrile	5.01	41	473766	47.025	ug/l	98
42) 1,2-Dichloroethane	6.17	62	756964	46.155	ug/l	98
43) Isopropyl Acetate	6.42	43	1346070	43.936	ug/l	98
44) Trichloroethene	7.19	130	599693	53.856	ug/l	94
45) 1,2-Dichloropropane	7.50	63	538001	48.168	ug/l	100
46) Dibromomethane	7.64	93	347887	47.481	ug/l	90
47) Bromodichloromethane	7.88	83	733995	47.015	ug/l	98
48) Methyl methacrylate	7.75	41	685352	44.786	ug/l	96
49) 1,4-Dioxane	7.72	88	250390	877.102	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	4094875	235.844	ug/l	99
52) Toluene	8.77	92	1282522	50.950	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	802231	43.814	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	851689	45.663	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	530456	51.435	ug/l	95
56) Ethyl methacrylate	9.16	69	854177	46.995	ug/l	95
57) 1,3-Dichloropropane	9.36	76	894448	48.137	ug/l	99
59) 2-Hexanone	9.48	43	3068308	234.072	ug/l	98
60) Dibromochloromethane	9.56	129	610042	49.226	ug/l	98
61) 1,2-Dibromoethane	9.65	107	551046	49.139	ug/l	99
64) Tetrachloroethene	9.32	164	546535	51.253	ug/l	95
65) Chlorobenzene	10.12	112	1406142	49.899	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	546493	48.543	ug/l	97
67) Ethyl Benzene	10.24	91	2488396	49.789	ug/l	98
68) m/p-Xylenes	10.34	106	1863360	100.124	ug/l	98
69) o-Xylene	10.68	106	907201	49.331	ug/l	99
70) Styrene	10.70	104	1599246	49.419	ug/l	98
71) Bromoform	10.84	173	482784	47.108	ug/l	# 98
73) Isopropylbenzene	11.00	105	2465075	47.966	ug/l	98
74) N-amyl acetate	10.88	43	1133700	39.663	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	800024	45.367	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	725491m	44.979	ug/l	
77) Bromobenzene	11.24	156	683397	49.853	ug/l	91
78) n-propylbenzene	11.34	91	2723803	46.350	ug/l	98
79) 2-Chlorotoluene	11.40	91	1661896	46.140	ug/l	96
80) 1,3,5-Trimethylbenzene	11.50	105	2063934	47.025	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	256398	38.142	ug/l	98
82) 4-Chlorotoluene	11.50	91	1955244	46.305	ug/l	98
83) tert-Butylbenzene	11.76	119	2112781	49.281	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	2112939	47.241	ug/l	99
85) sec-Butylbenzene	11.93	105	2381856	48.038	ug/l	99
86) p-Isopropyltoluene	12.05	119	2268624	49.286	ug/l	97
87) 1,3-Dichlorobenzene	12.01	146	1215356	49.525	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1229221	49.175	ug/l	98
89) n-Butylbenzene	12.37	91	1978271	47.559	ug/l	99
90) Hexachloroethane	12.58	117	389470	43.472	ug/l	87
91) 1,2-Dichlorobenzene	12.38	146	1212350	50.481	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	189928	38.159	ug/l	88
93) 1,2,4-Trichlorobenzene	13.63	180	965020	50.799	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	449116	49.656	ug/l	95
95) Naphthalene	13.82	128	2771282	47.825	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	949820	51.932	ug/l	97

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

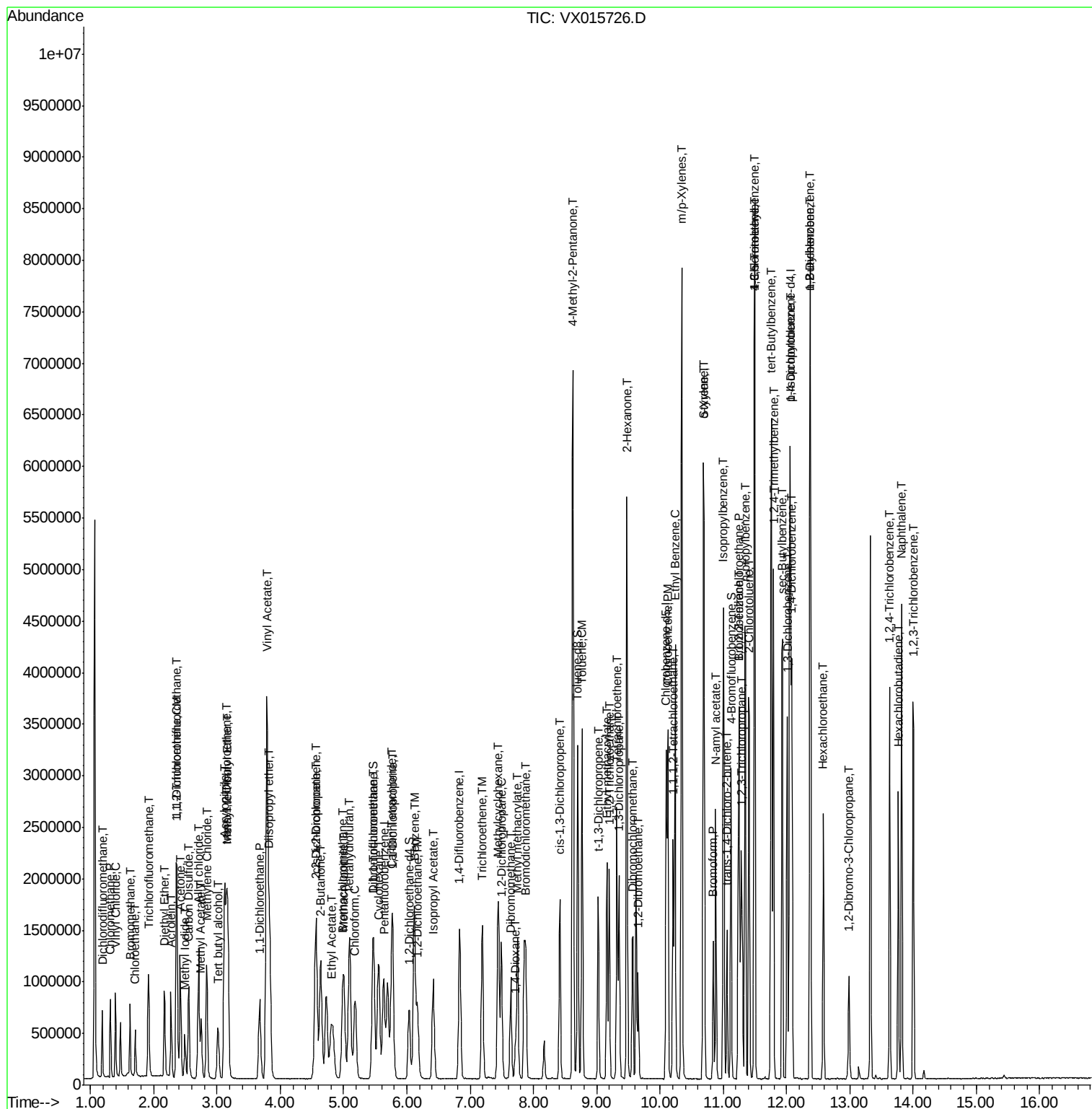
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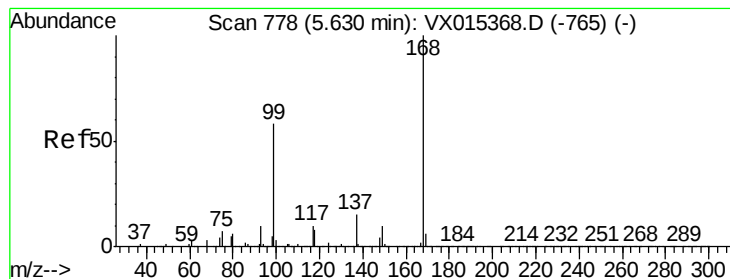
Instrument :
 MSVOA_X
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MS

Tot Ion:168 Resp: 1023926

Ion Ratio Lower Upper

168 100

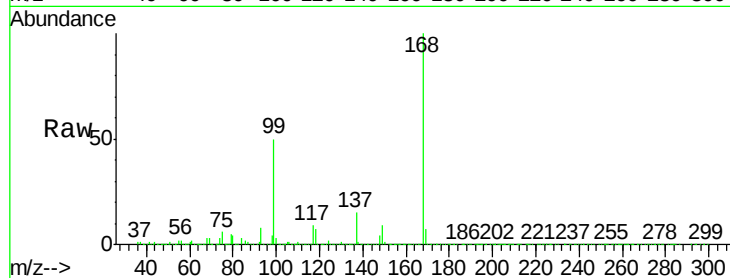
99 49.9 46.4 69.6

Manual Integrations

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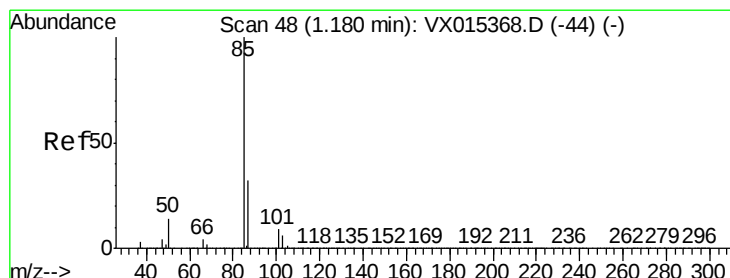
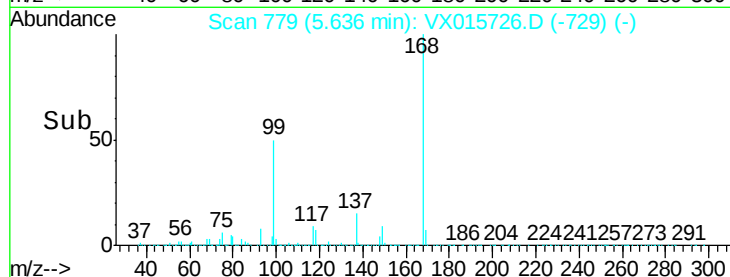
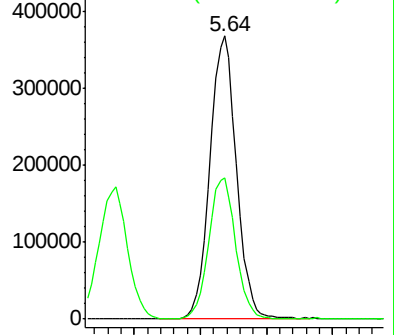
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 40.335 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015726.D

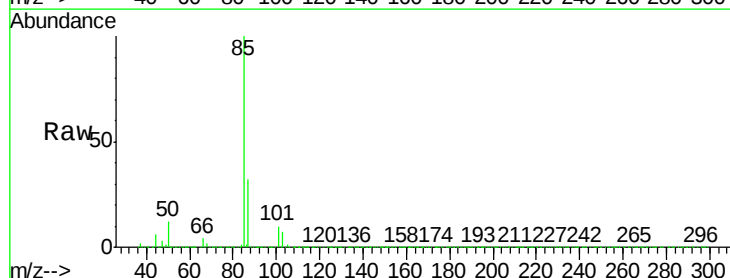
Acq: 16 Apr 2020 20:32

Tgt Ion: 85 Resp: 363861

Ion Ratio Lower Upper

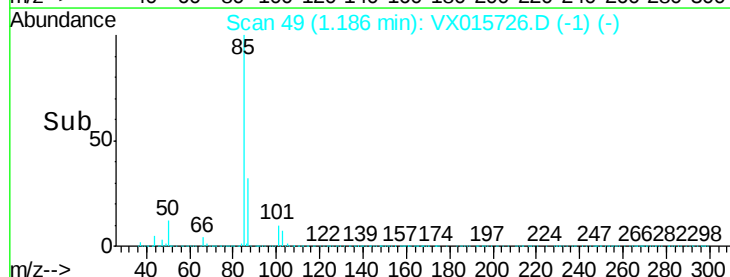
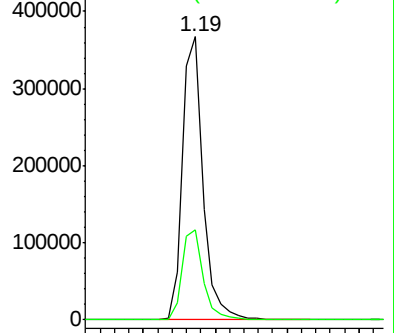
85 100

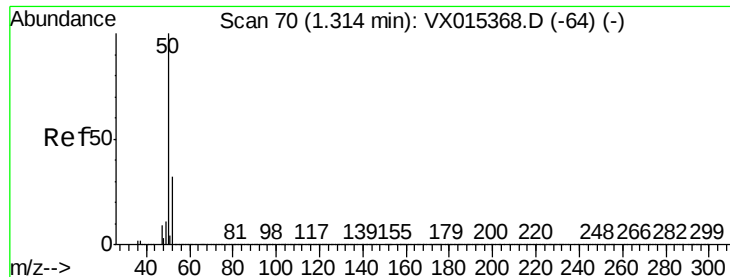
87 31.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





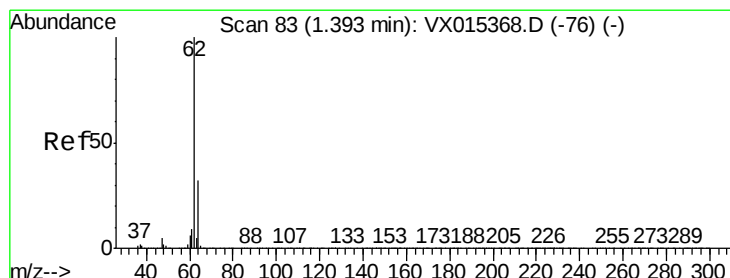
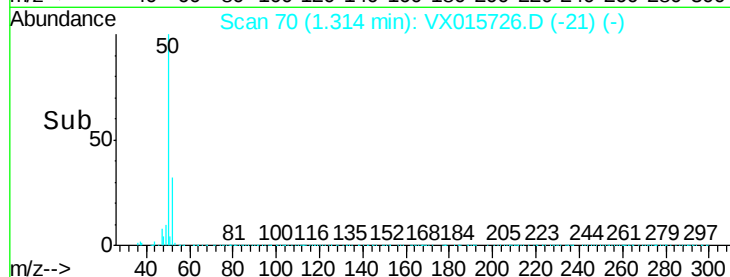
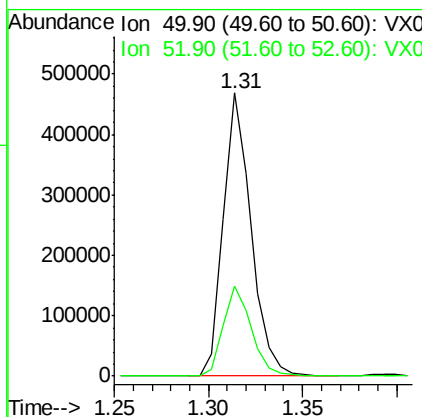
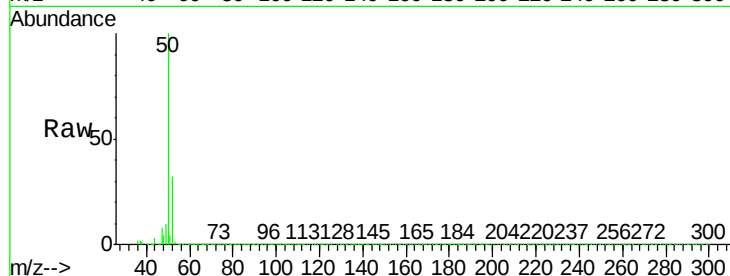
#3
Chloromethane
Concen: 41.659 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
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Tot Ion: 50 Resp: 478589
Ion Ratio Lower Upper
50 100
52 32.0 25.3 37.9

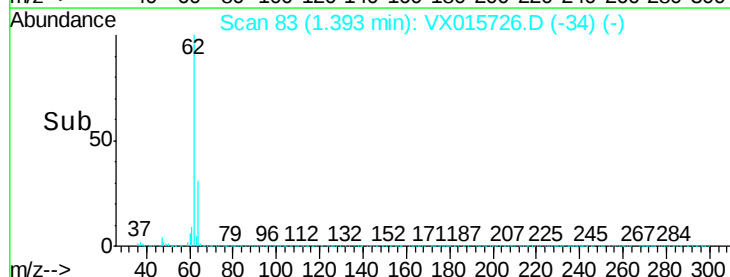
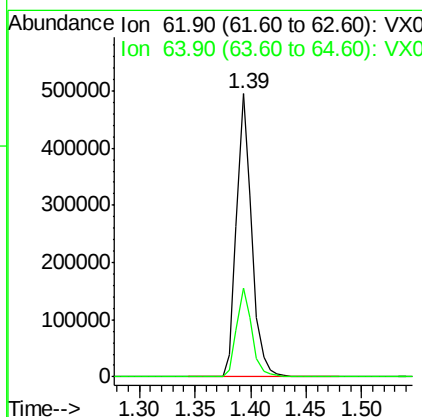
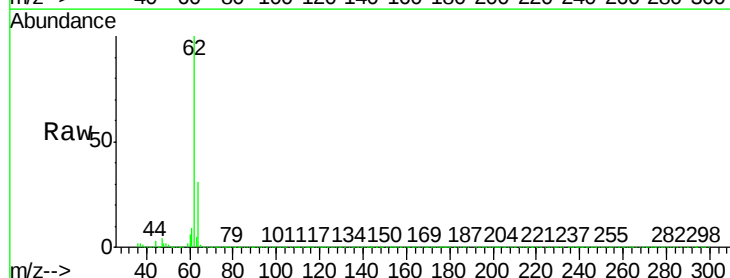
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#4
Vinyl Chloride
Concen: 44.479 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Tgt Ion: 62 Resp: 469198
Ion Ratio Lower Upper
62 100
64 31.3 26.0 39.0





#5

Bromomethane

Concen: 54.602 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MS

Tot Ion: 94 Resp: 261885

Ion Ratio Lower Upper

94 100

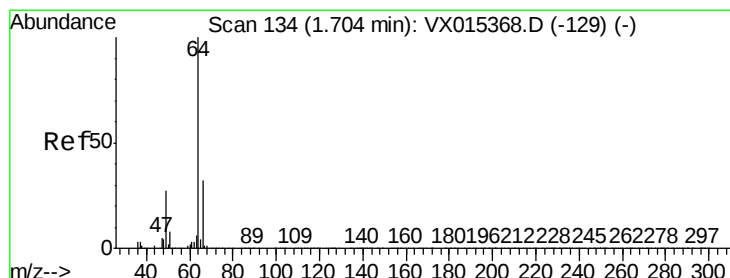
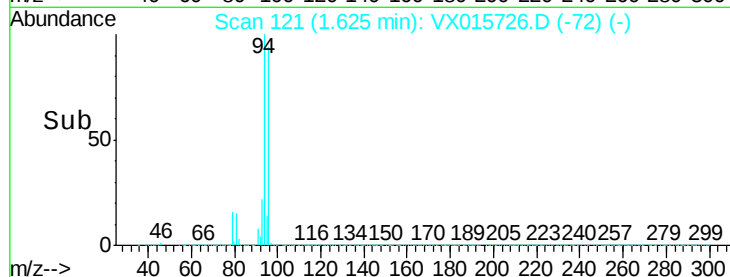
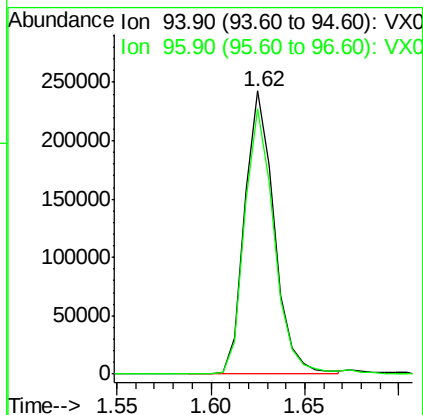
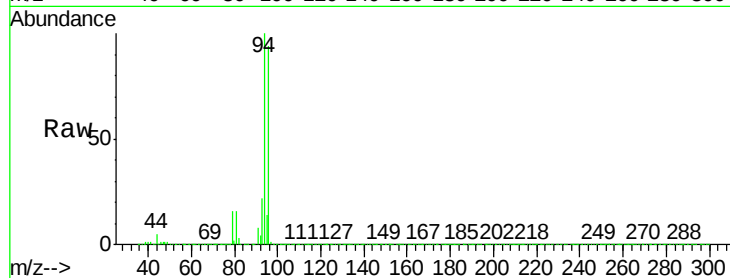
96 93.7 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 44.943 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015726.D

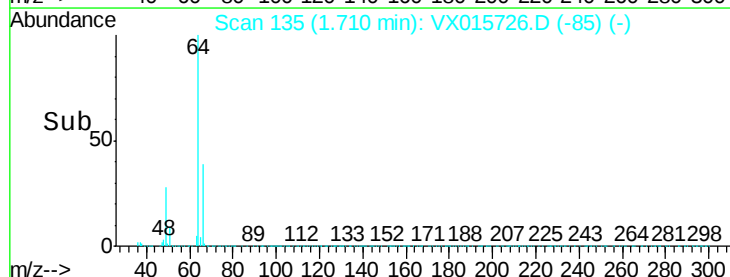
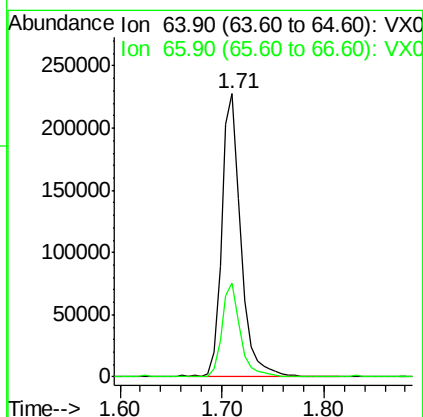
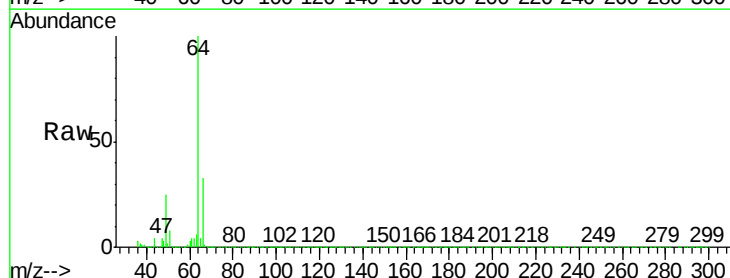
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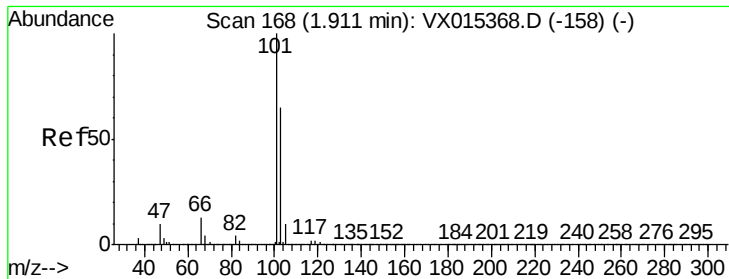
Tgt Ion: 64 Resp: 294033

Ion Ratio Lower Upper

64 100

66 33.1 25.4 38.2





#7

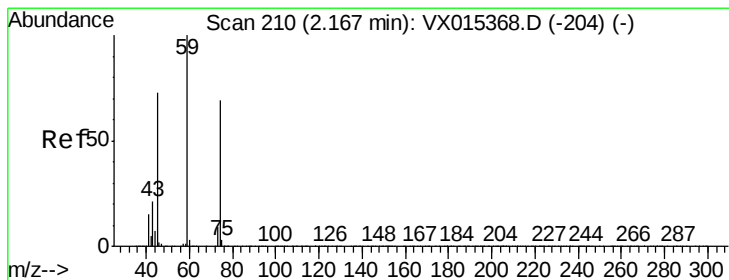
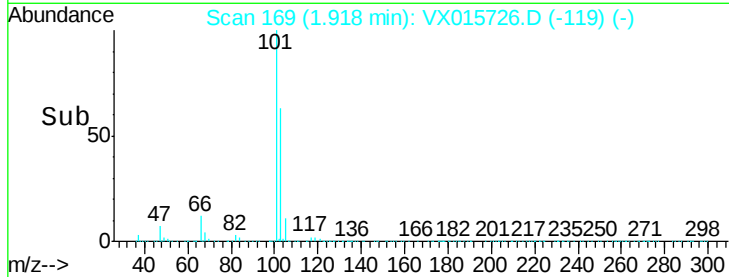
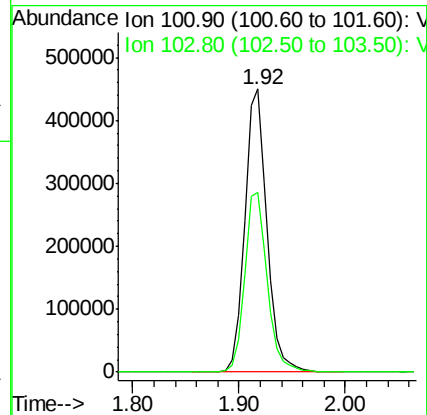
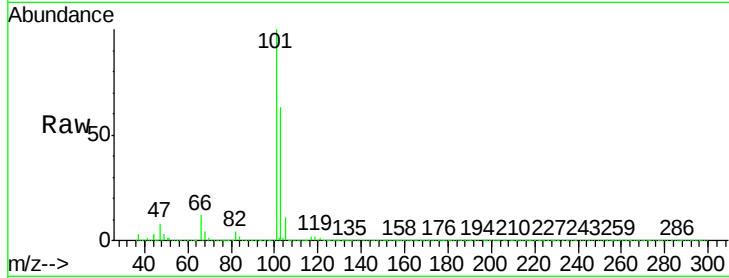
Trichlorofluoromethane
Concen: 46.243 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.3	52.3	78.5

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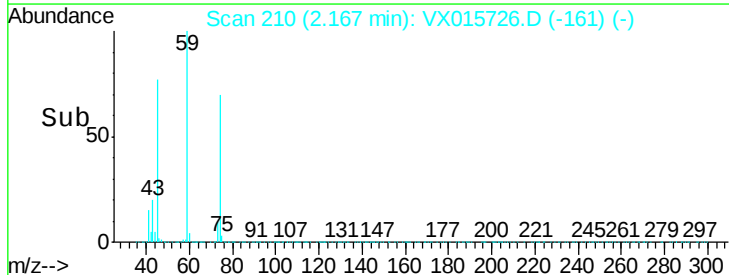
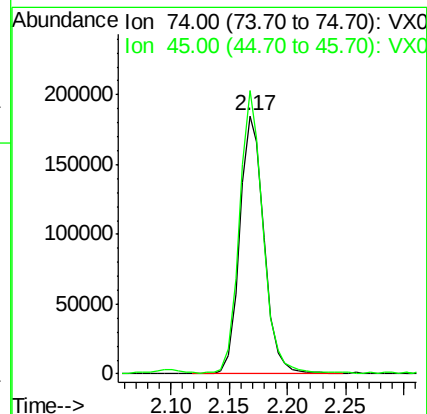
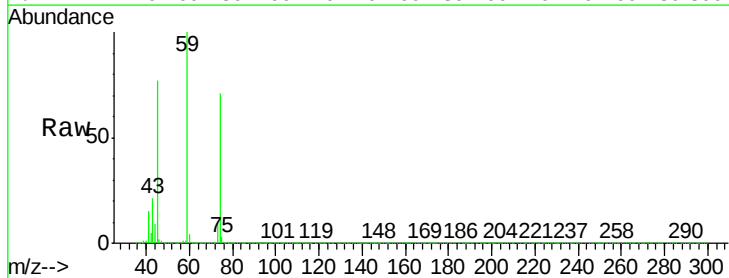
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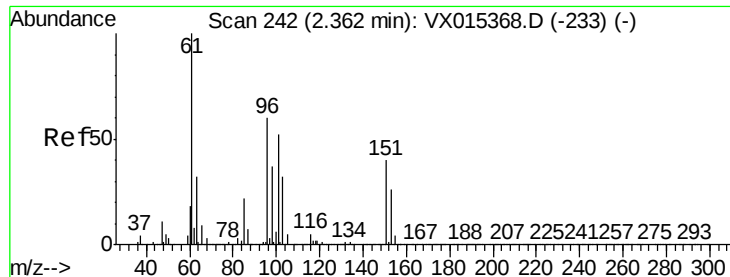


#8

Diethyl Ether
Concen: 44.569 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Tgt Ion	Ratio	Lower	Upper
74	100		
45	108.6	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.693 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

Instrument :

MSVOA_X

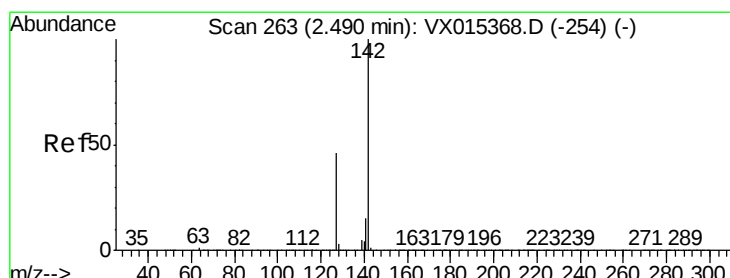
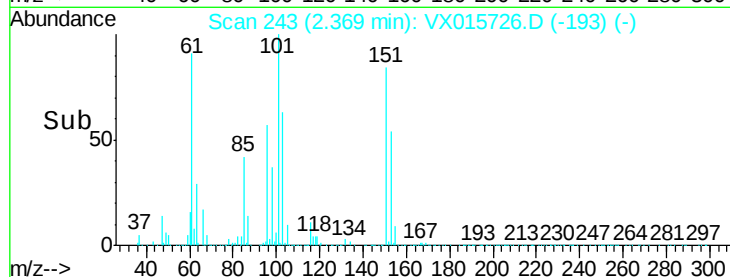
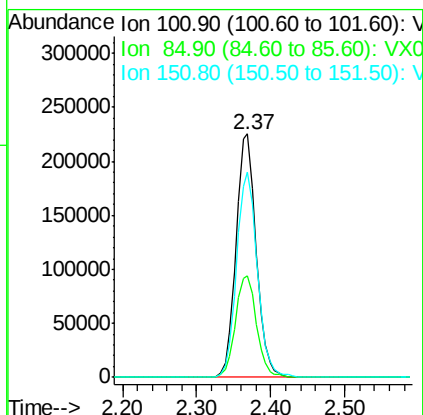
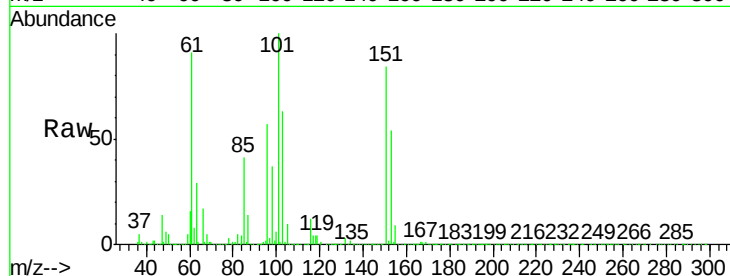
ClientSampleId :

SS042MW032-200413MS

Tot Ion:	101	Resp:	430614
Ion Ratio	Lower	Upper	
101	100		
85	43.1	35.0	52.4
151	85.7	64.1	96.1

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#10

Methyl Iodide

Concen: 34.729 ug/l

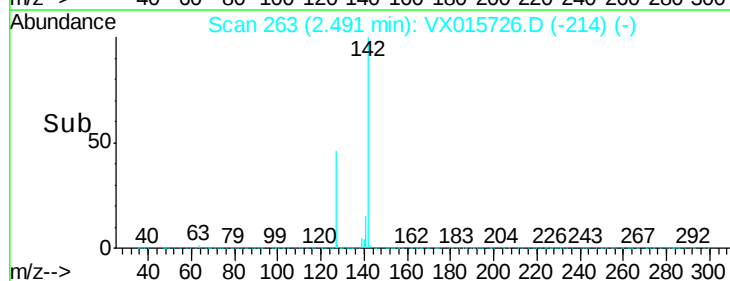
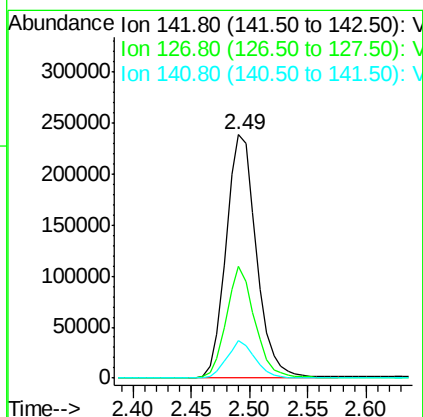
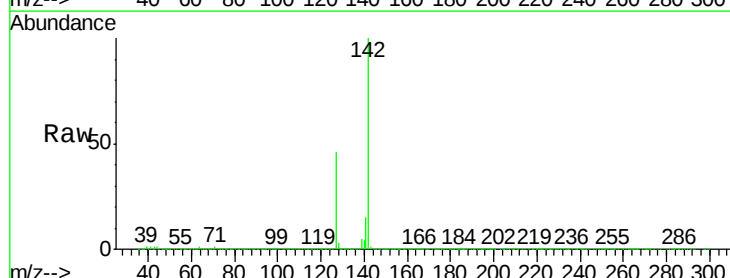
RT: 2.49 min Scan# 263

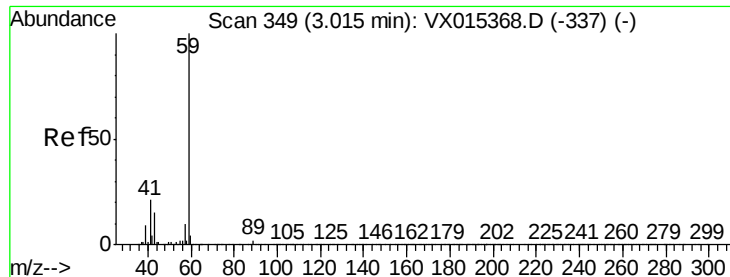
Delta R.T. 0.00 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

Tgt Ion:	142	Resp:	431819
Ion Ratio	Lower	Upper	
142	100		
127	43.0	35.9	53.9
141	14.6	11.6	17.4





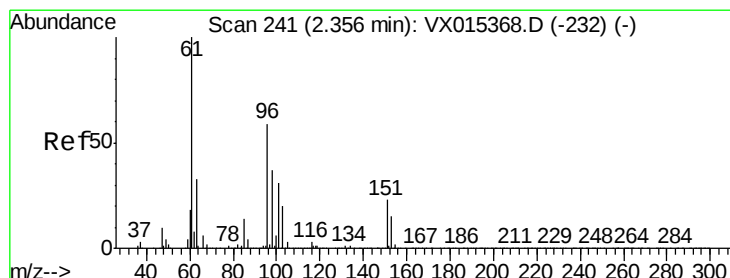
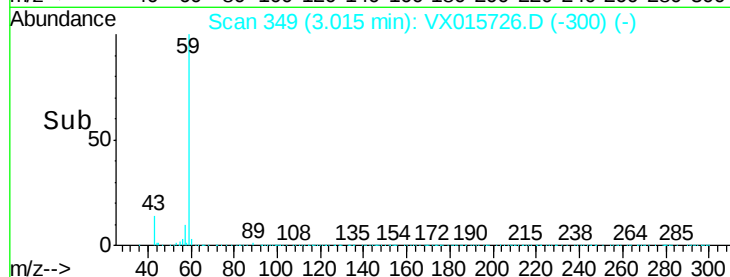
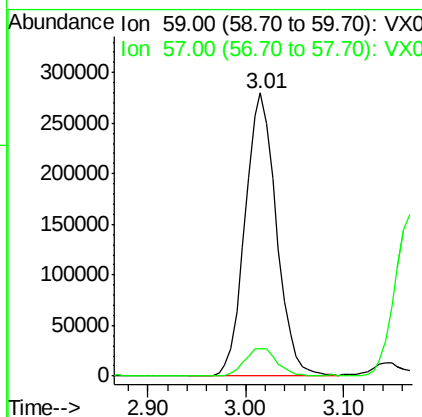
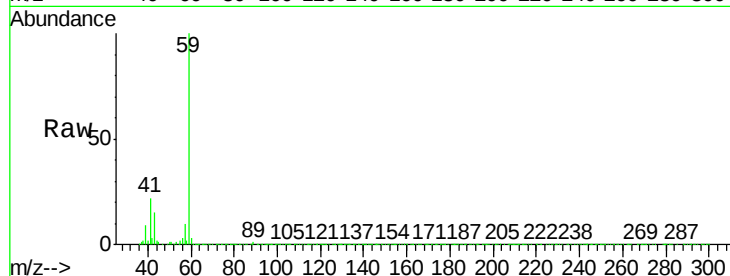
#11
Tert butyl alcohol
Concen: 179.675 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MS

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.1	12.1

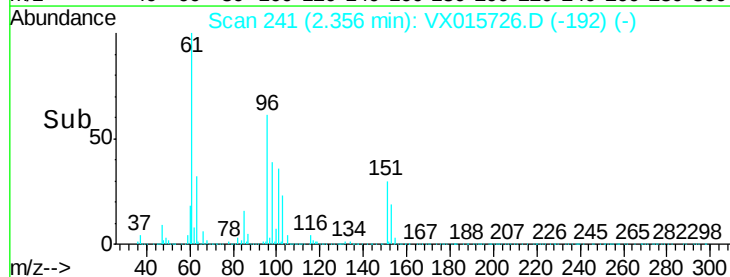
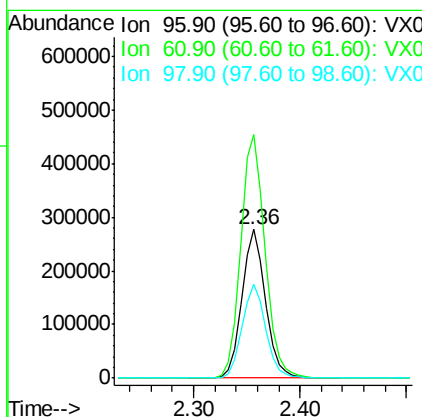
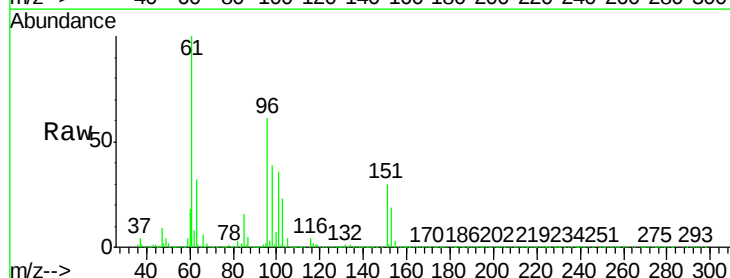
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#12
1,1-Dichloroethene
Concen: 44.380 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.7	135.7	203.5
98	63.1	50.6	75.8





#13

Acrolein

Concen: 295.265 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MS

Tot Ion: 56 Resp: 581389

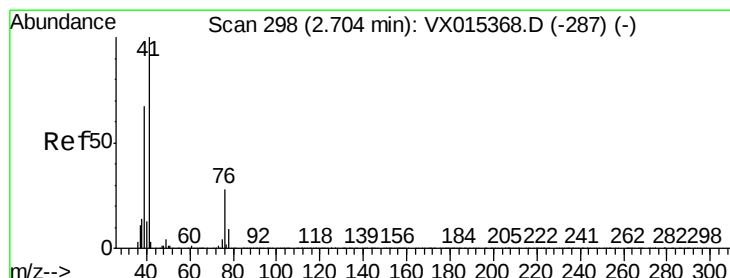
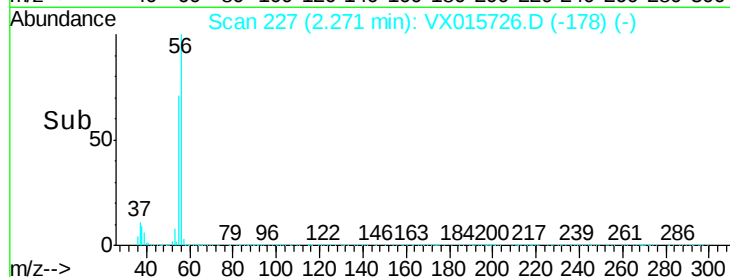
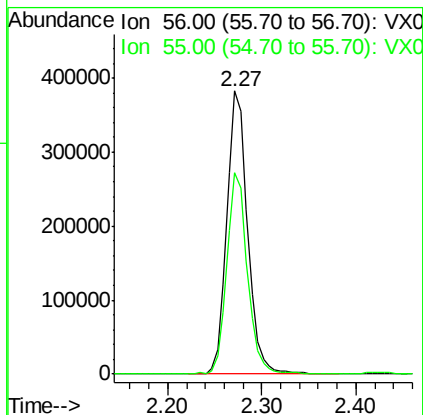
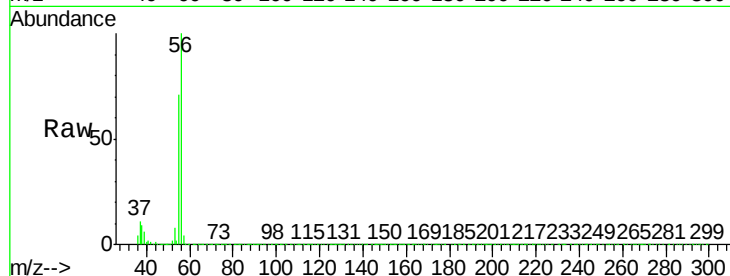
Ion Ratio Lower Upper

56 100

55 70.4 57.0 85.4

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#14

Allyl chloride

Concen: 39.778 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

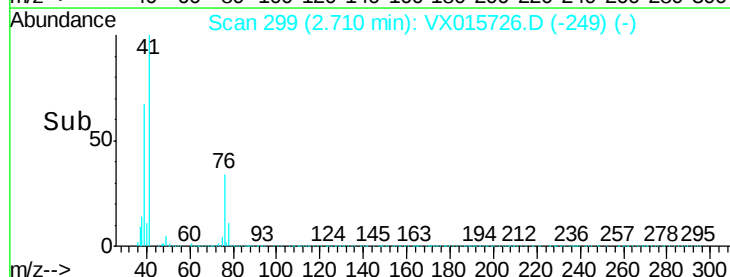
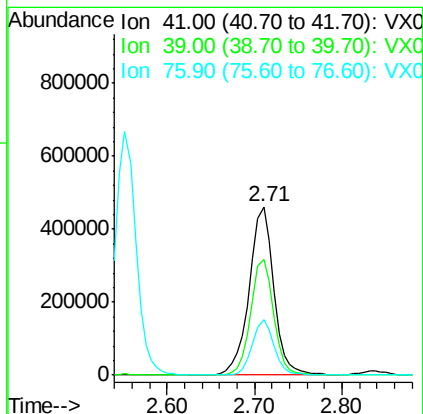
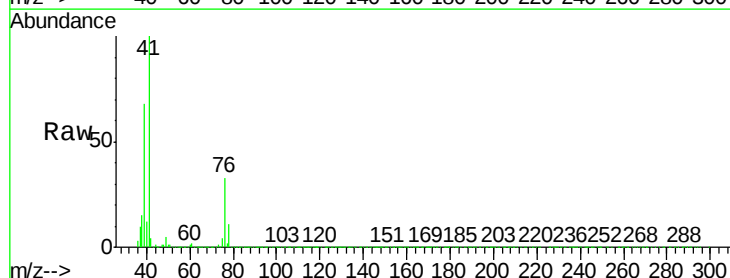
Tgt Ion: 41 Resp: 898496

Ion Ratio Lower Upper

41 100

39 64.0 51.4 77.0

76 28.8 21.8 32.8





#15

Acrylonitrile

Concen: 217.301 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MS

Tot Ion: 53 Resp: 1432455

Ion Ratio Lower Upper

53 100

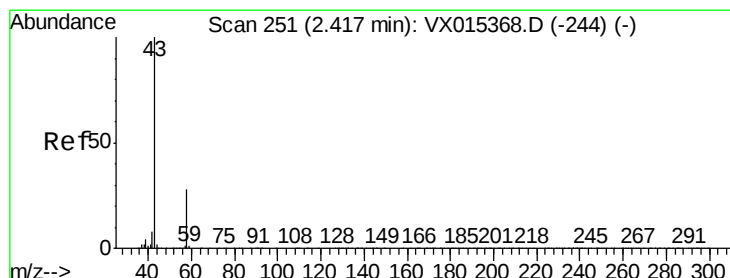
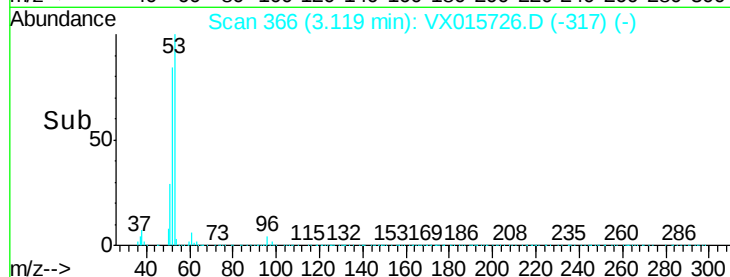
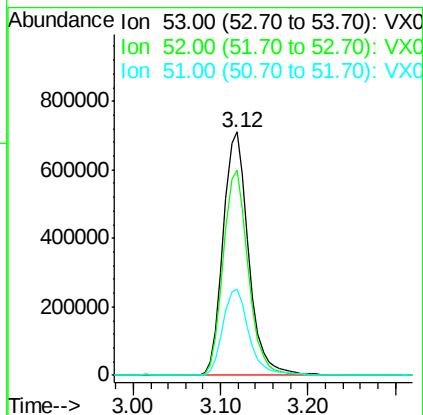
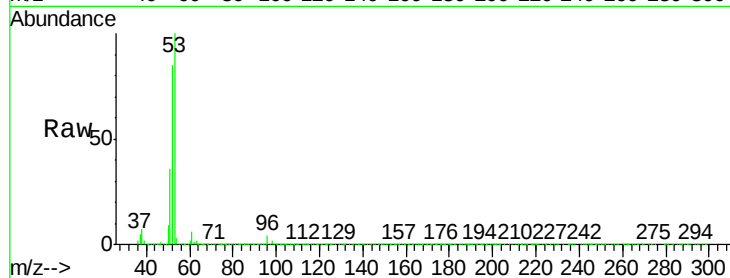
52 83.4 66.8 100.2

51 36.2 29.5 44.3

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#16

Acetone

Concen: 202.427 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015726.D

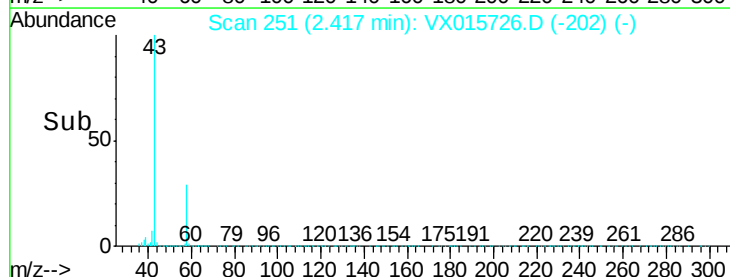
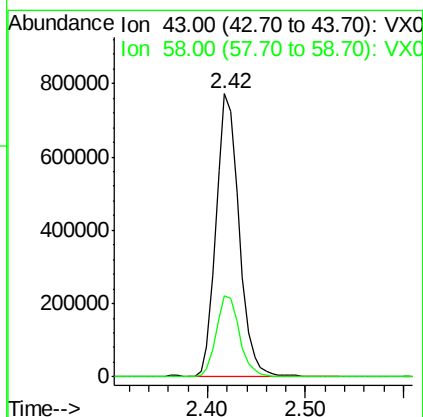
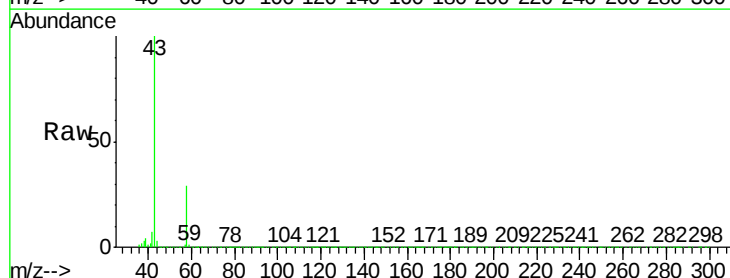
Acq: 16 Apr 2020 20:32

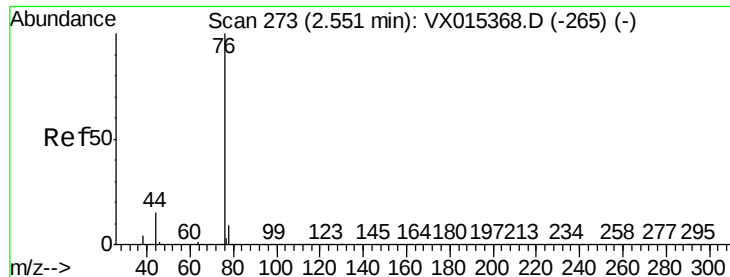
Tgt Ion: 43 Resp: 1255925

Ion Ratio Lower Upper

43 100

58 28.7 22.1 33.1





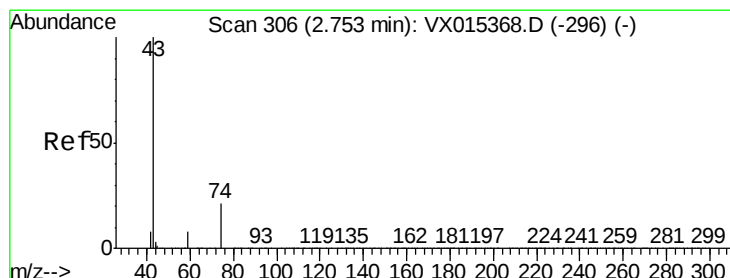
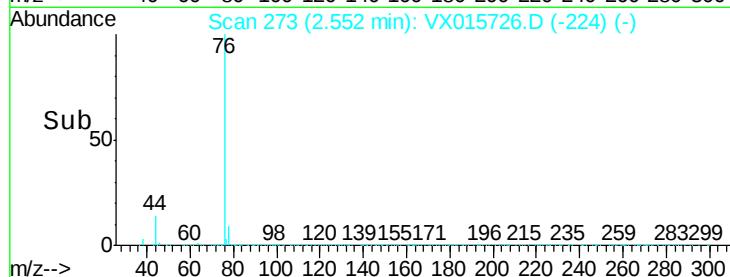
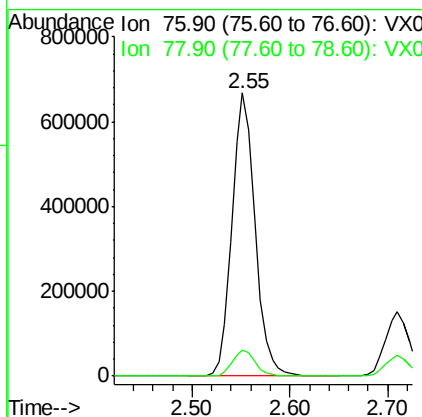
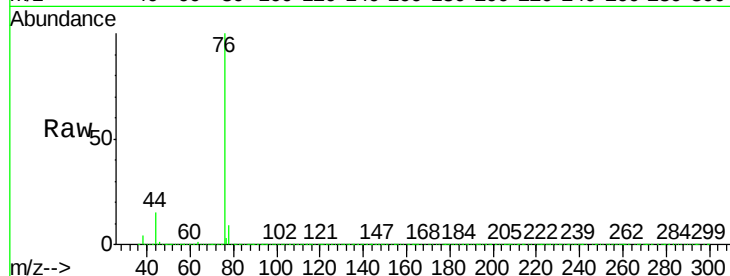
#17
Carbon Disulfide
Concen: 37.031 ug/l
RT: 2.55 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MS

Tot Ion: 76 Resp: 1092029
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7

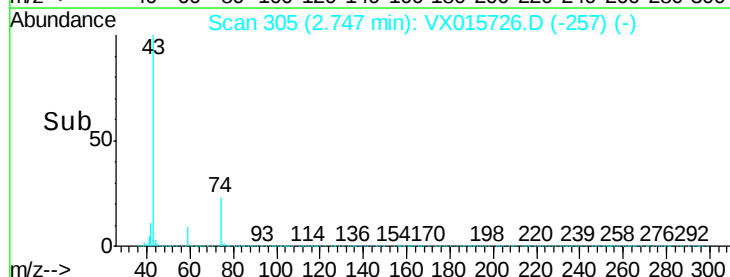
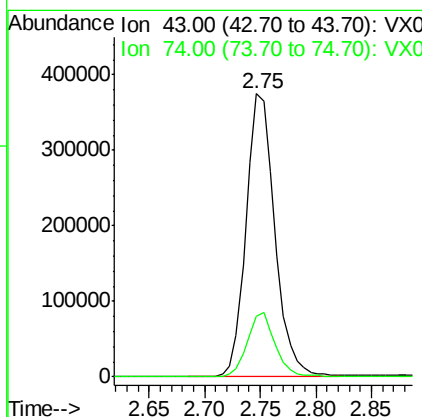
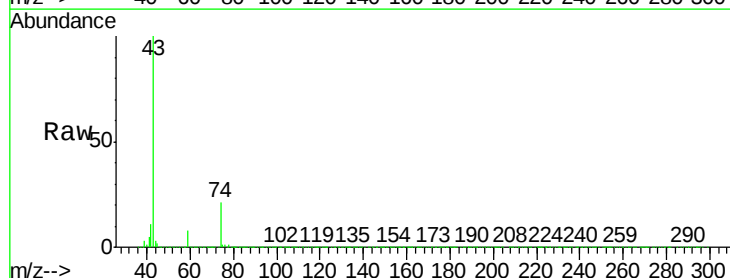
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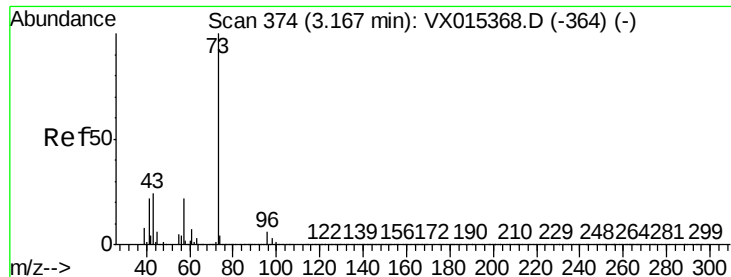
MMDadoda
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#18
Methyl Acetate
Concen: 42.499 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Tgt Ion: 43 Resp: 672988
Ion Ratio Lower Upper
43 100
74 22.1 16.5 24.7





#19

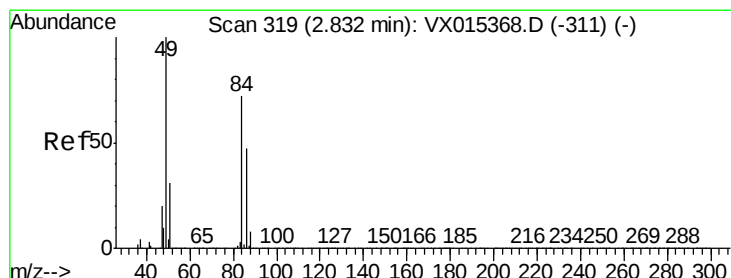
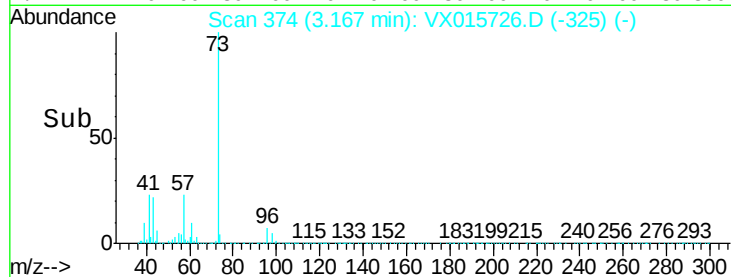
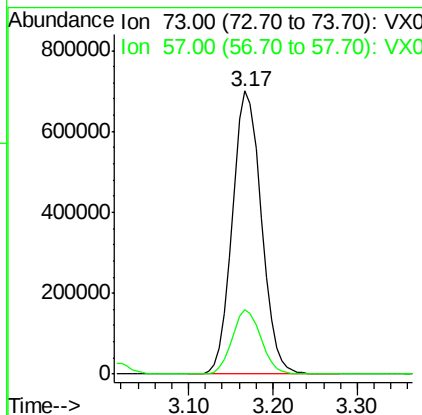
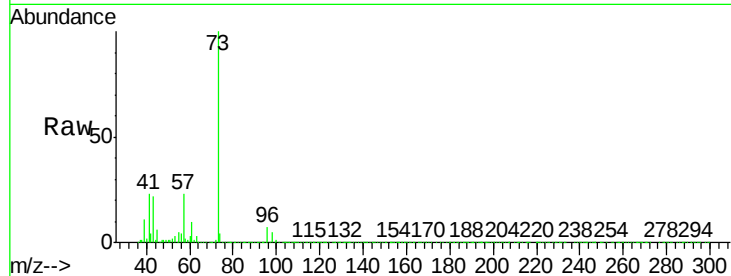
Methyl tert-butyl Ether
Concen: 43.421 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MS

Tot Ion: 73 Resp: 1627945
Ion Ratio Lower Upper
73 100
57 22.7 17.9 26.9

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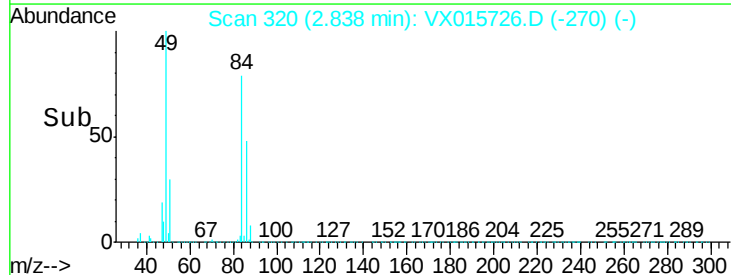
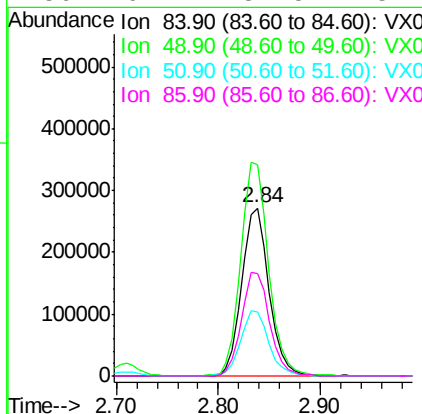
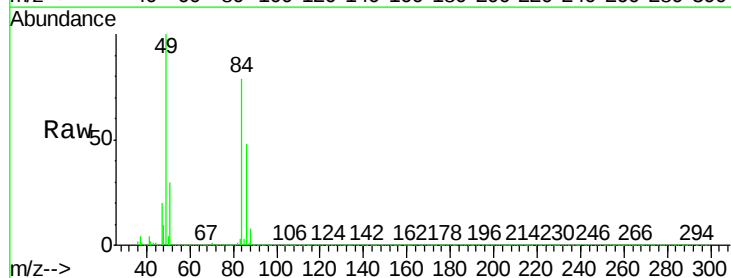
MMDadoda
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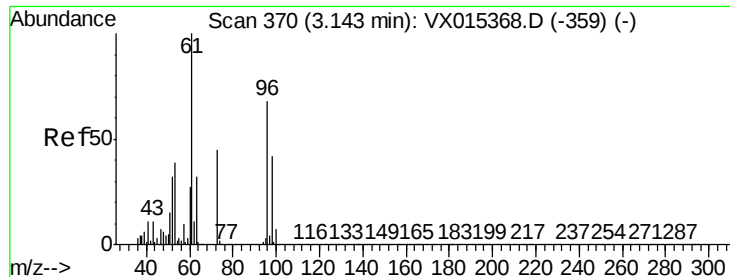


#20

Methylene Chloride
Concen: 43.260 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Tgt Ion: 84 Resp: 501332
Ion Ratio Lower Upper
84 100
49 126.3 111.3 166.9
51 38.1 34.0 51.0
86 61.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 43.938 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

Instrument :

MSVOA_X

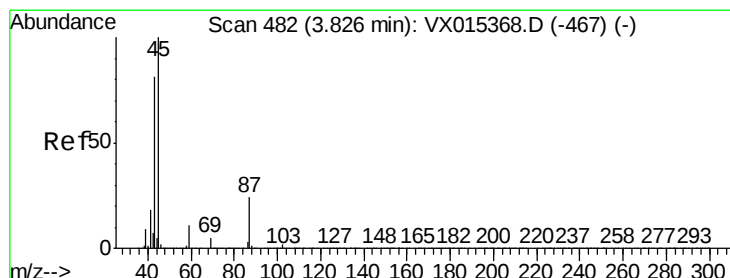
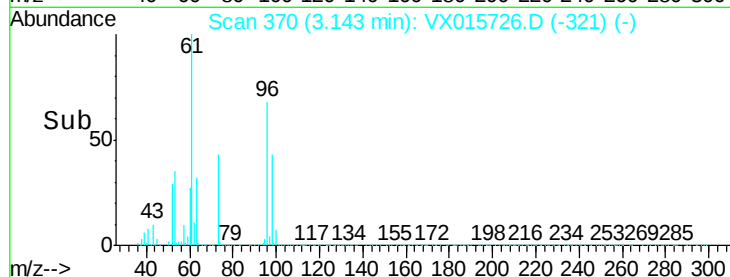
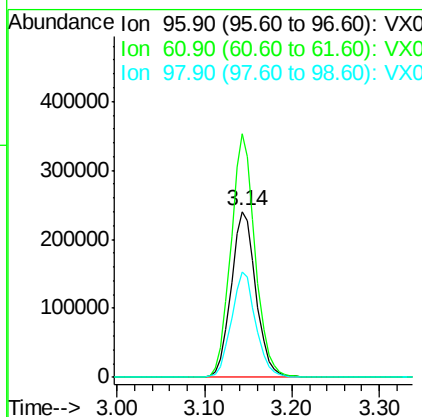
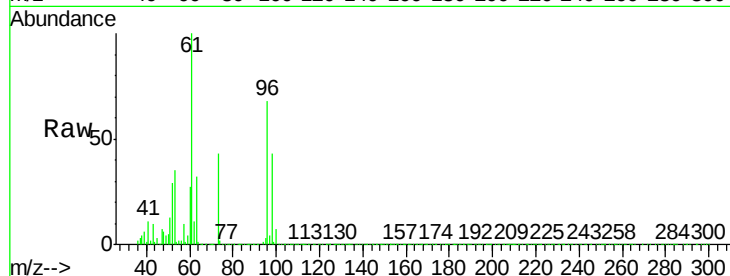
ClientSampleId :

SS042MW032-200413MS

Tot Ion:	96	Resp:	471385
Ion	Ratio	Lower	Upper
96	100		
61	146.7	116.9	175.3
98	63.5	48.6	73.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 44.222 ug/l

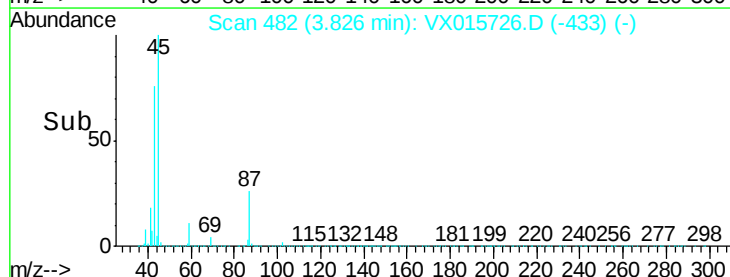
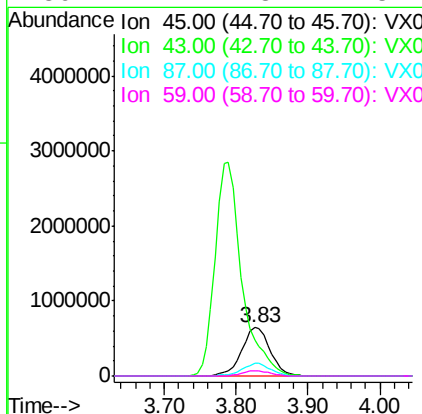
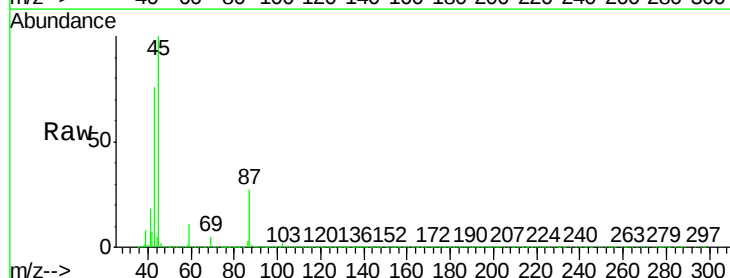
RT: 3.83 min Scan# 482

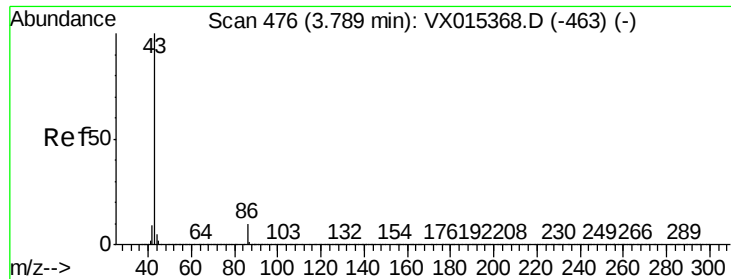
Delta R.T. 0.00 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

Tgt Ion:	45	Resp:	1769989
Ion	Ratio	Lower	Upper
45	100		
43	75.3	64.7	97.1
87	26.5	19.4	29.0
59	11.2	8.7	13.1





#23

Vinyl Acetate

Concen: 203.952 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MS

Tot Ion: 43 Resp: 7390998

Ion Ratio Lower Upper

43 100

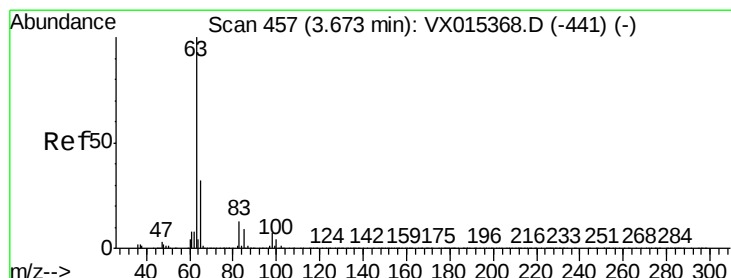
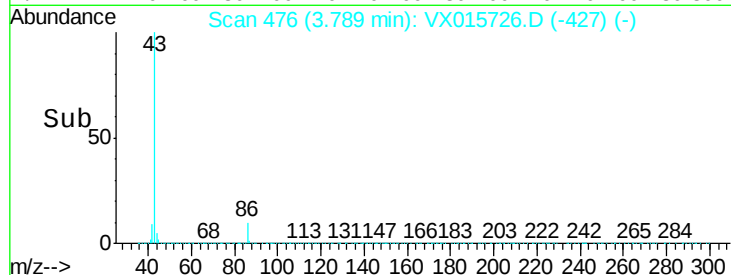
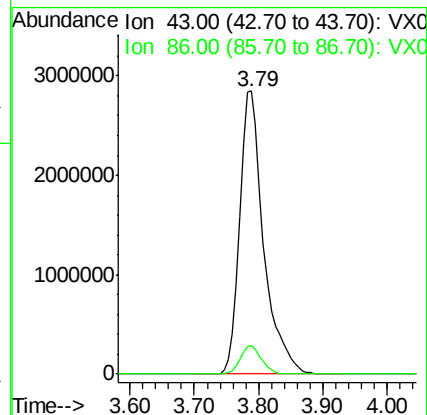
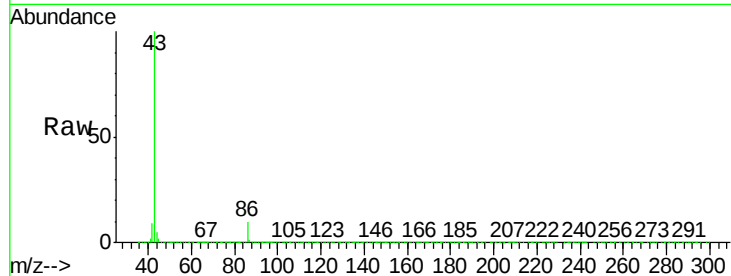
86 10.1 7.8 11.6

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 42.951 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

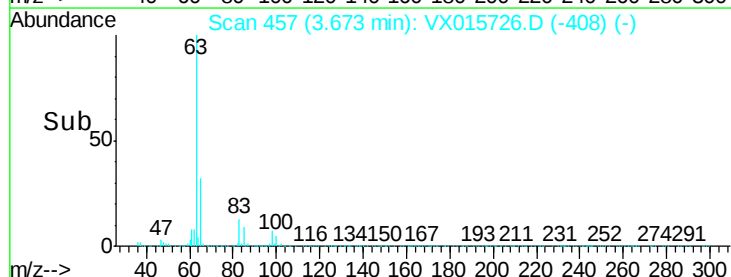
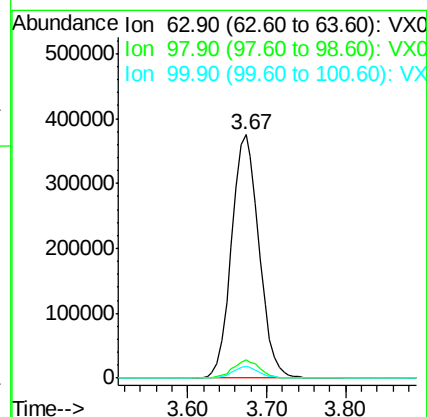
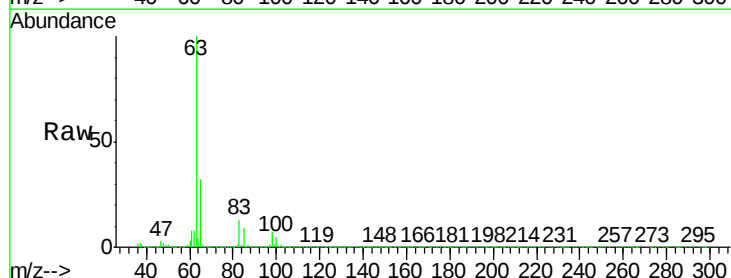
Tgt Ion: 63 Resp: 905130

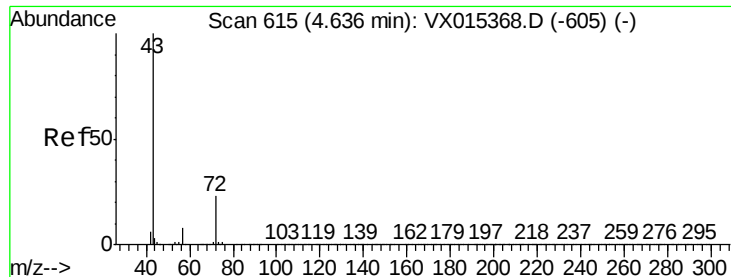
Ion Ratio Lower Upper

63 100

98 7.3 3.3 9.8

100 5.0 2.1 6.5





#25

2-Butanone

Concen: 203.277 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MS

Tot Ion: 43 Resp: 2028273

Ion Ratio Lower Upper

43 100

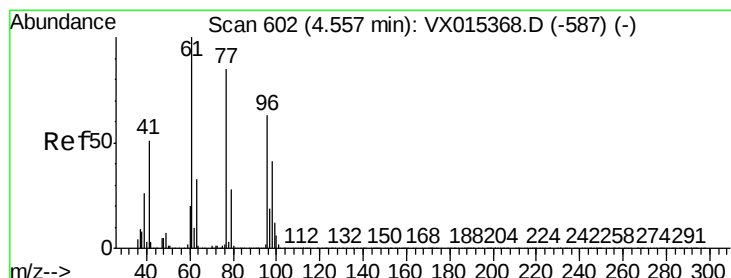
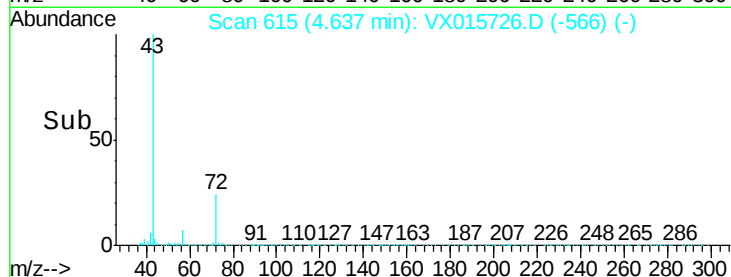
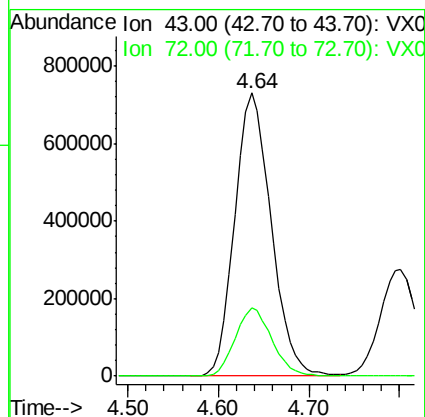
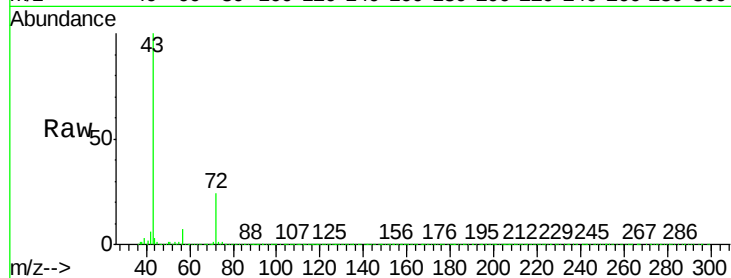
72 24.3 19.0 28.4

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 39.022 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015726.D

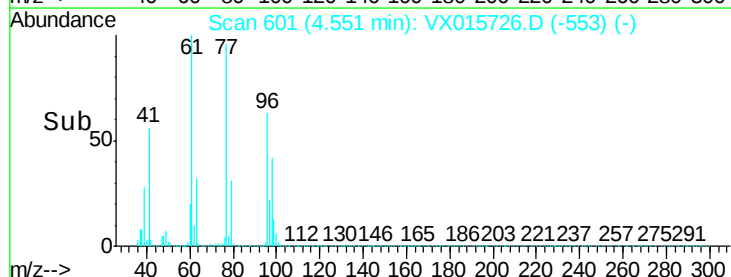
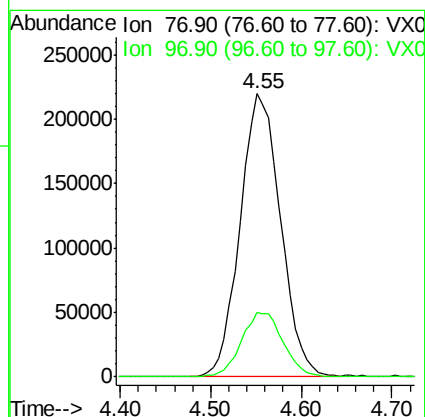
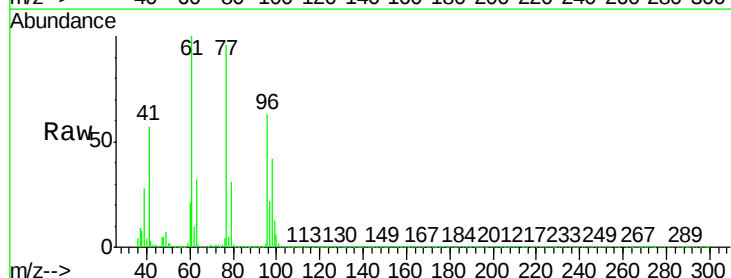
Acq: 16 Apr 2020 20:32

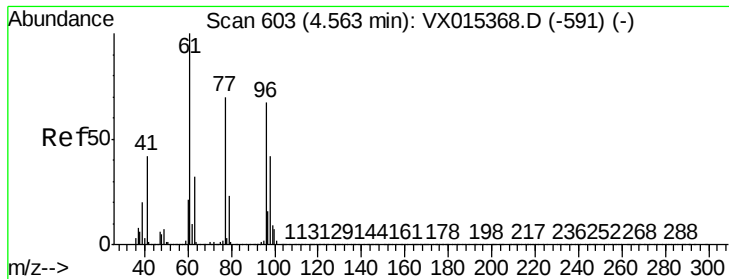
Tgt Ion: 77 Resp: 674988

Ion Ratio Lower Upper

77 100

97 23.3 11.3 33.8





#27

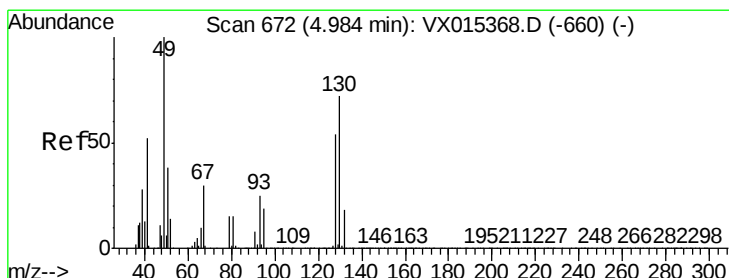
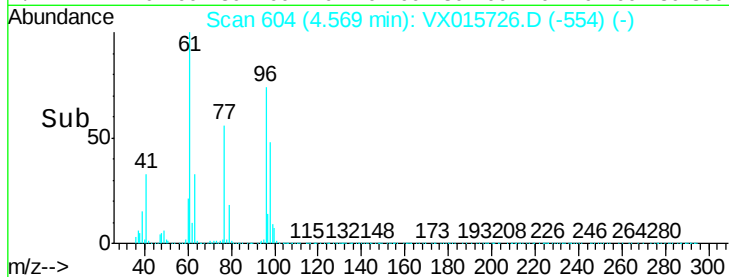
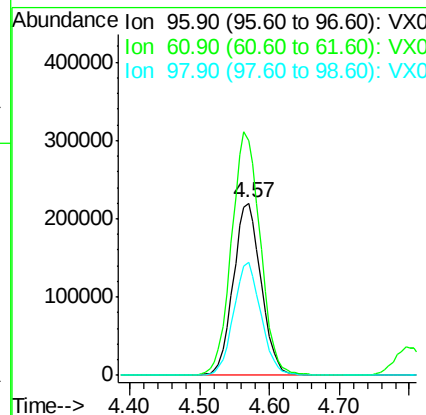
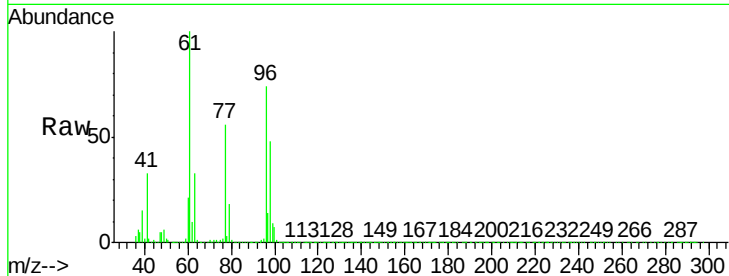
cis-1,2-Dichloroethene
Concen: 48.971 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MS

Tot Ion	Ratio	Resp	Lower	Upper
96	100	607847		
61	145.9	0.0	308.4	
98	64.3	0.0	129.2	

Manual Integrations
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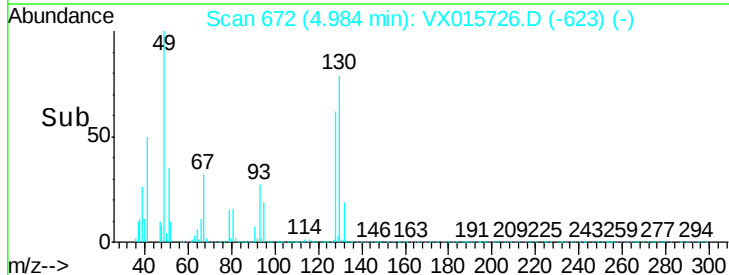
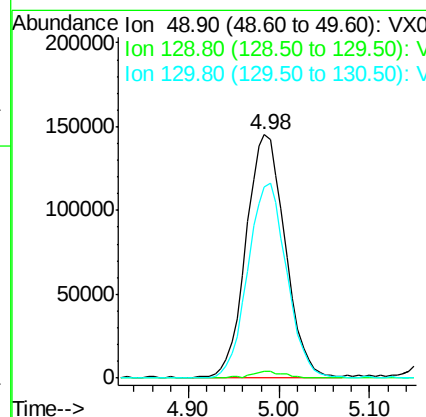
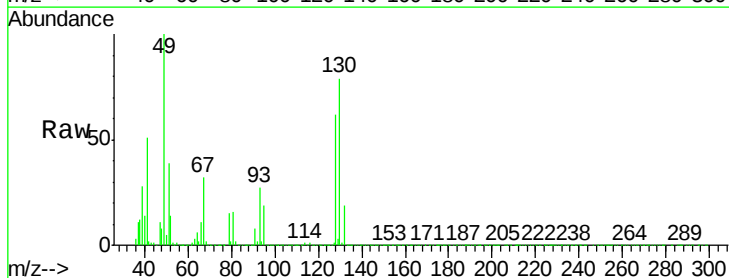
MMDadoda
4/17/2020 11:55:09 AM

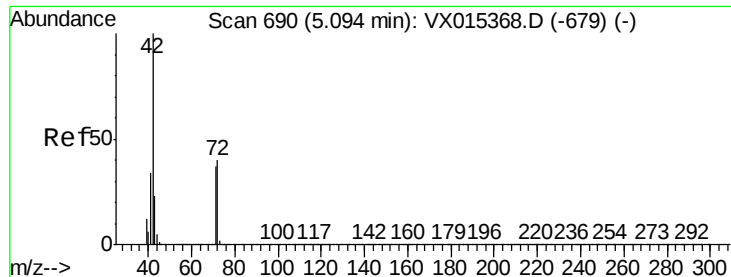


#28

Bromochloromethane
Concen: 42.985 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	432500		
129	2.4	0.0	4.4	
130	80.0	57.7	86.5	





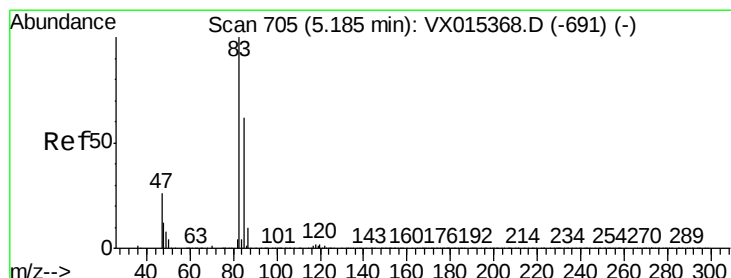
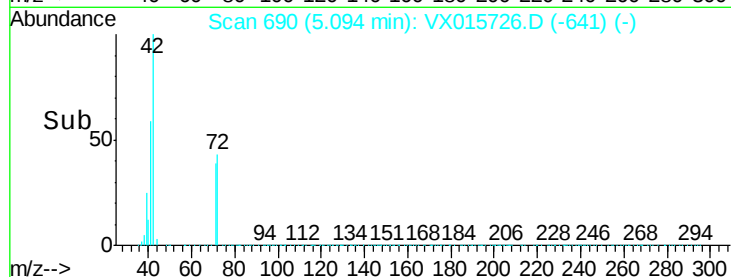
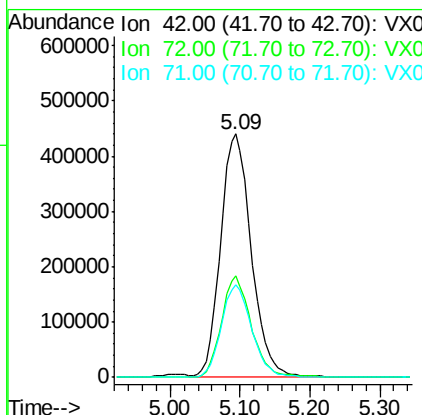
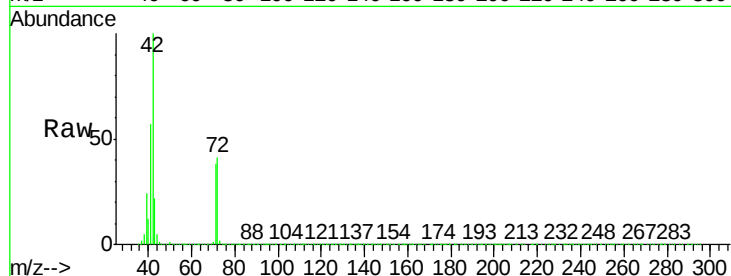
#29
Tetrahydrofuran
Concen: 207.879 ug/l
RT: 5.09 min Scan# 690
Delta R.T. 0.00 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MS

Tot Ion: 42 Resp: 1333442
Ion Ratio Lower Upper
42 100
72 40.6 31.7 47.5
71 37.7 29.6 44.4

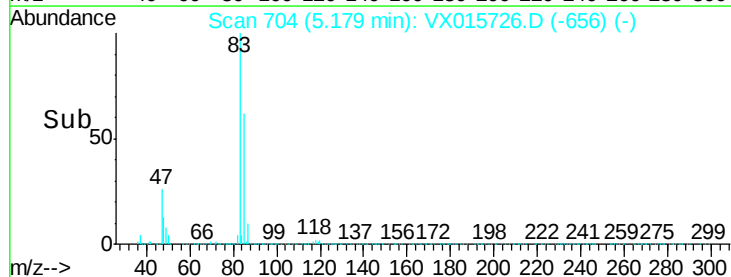
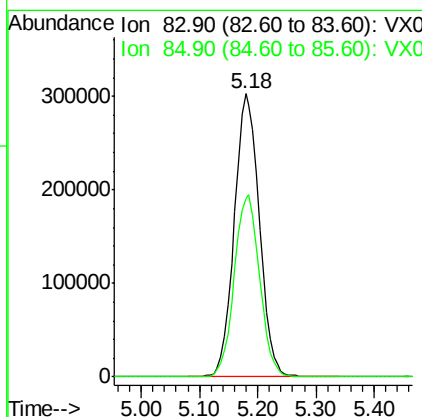
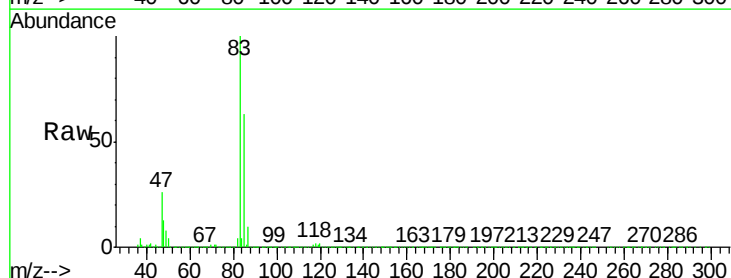
Manual Integrations
APPROVED

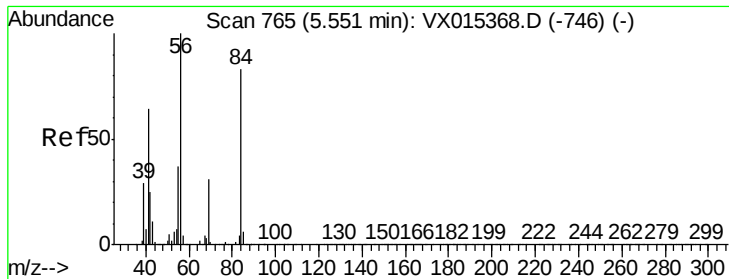
MMDadoda
4/17/2020 11:55:09 AM



#30
Chloroform
Concen: 44.444 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Tgt Ion: 83 Resp: 901096
Ion Ratio Lower Upper
83 100
85 62.9 49.5 74.3





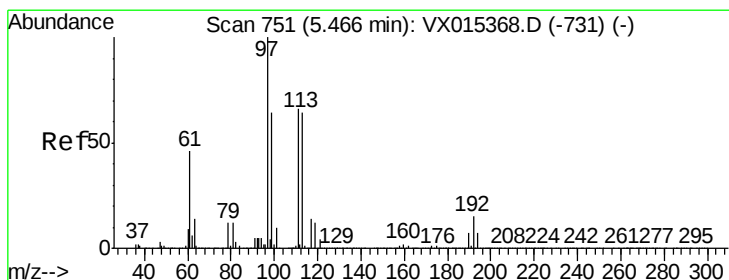
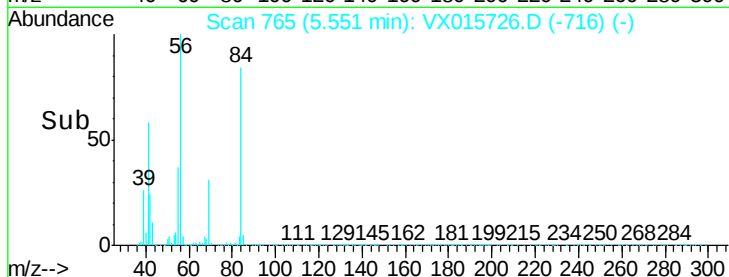
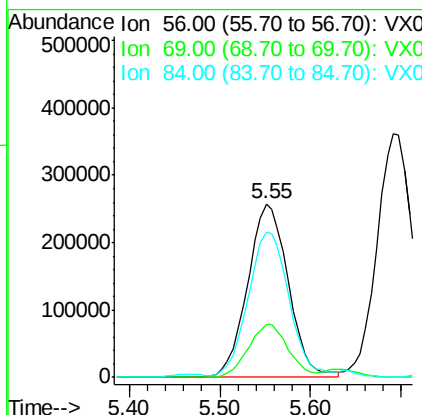
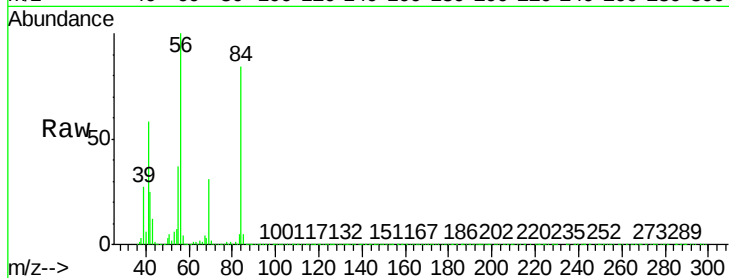
#31
Cyclohexane
Concen: 43.507 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MS

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.6	24.6	36.8
84	82.3	66.1	99.1

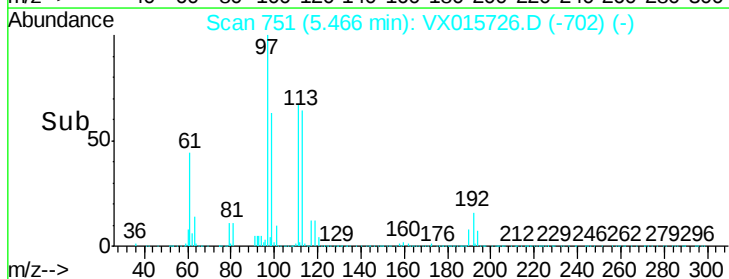
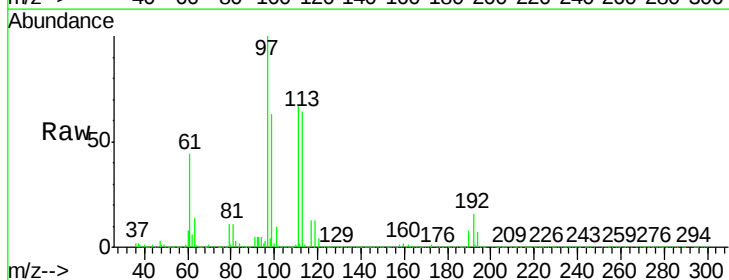
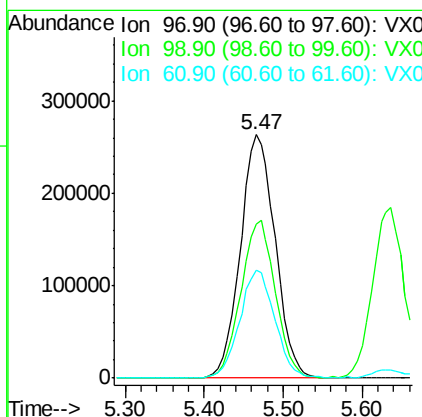
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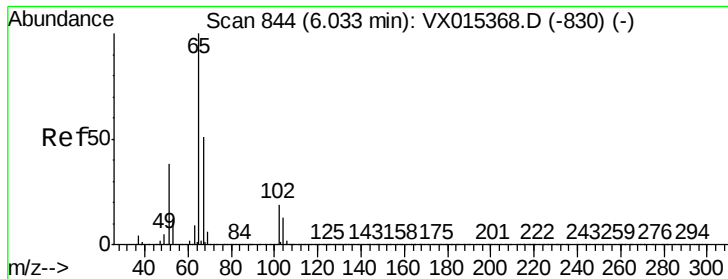
MMDadoda
4/17/2020 11:55:09 AM



#32
1,1,1-Trichloroethane
Concen: 43.873 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.0	76.4
61	44.4	36.1	54.1





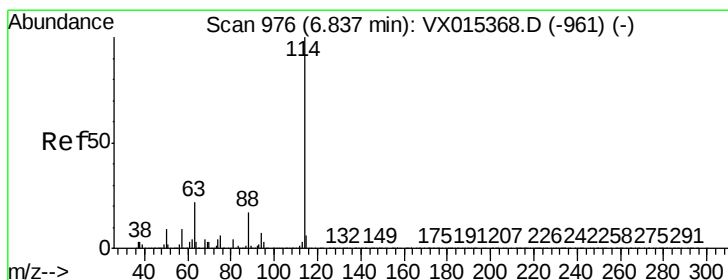
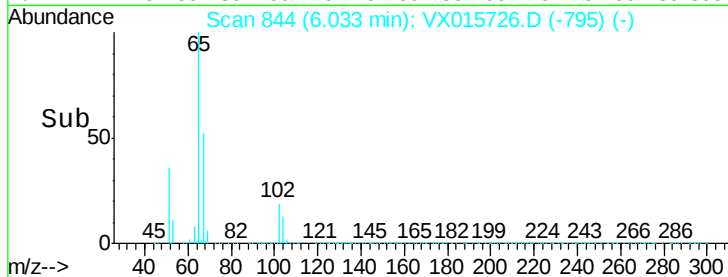
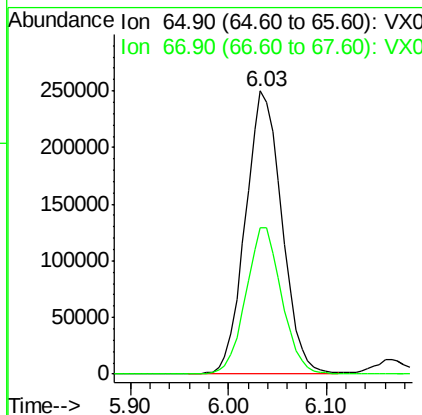
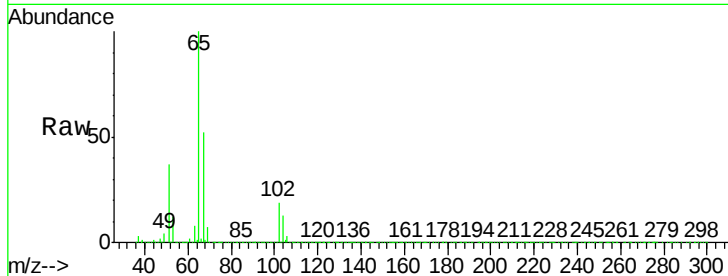
#33
 1,2-Dichloroethane-d4
 Concen: 44.625 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015726.D
 Acq: 16 Apr 2020 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW032-200413MS

Tot Ion	Ratio	Resp	Lower	Upper
65	100	644450		
67	51.0	0.0	102.6	

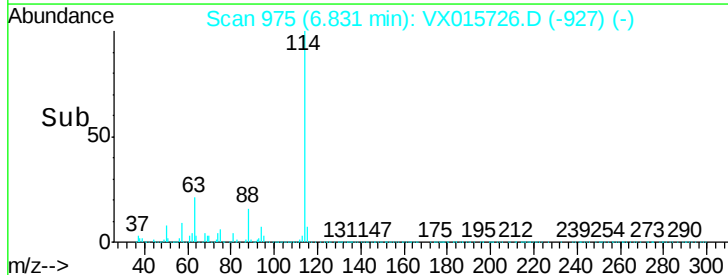
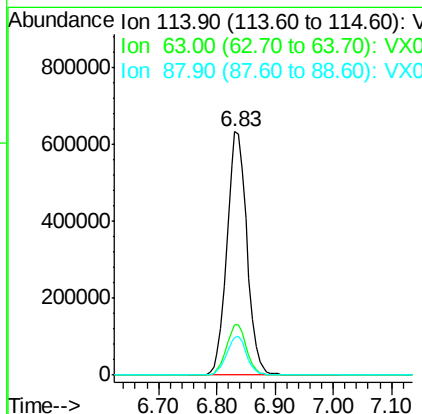
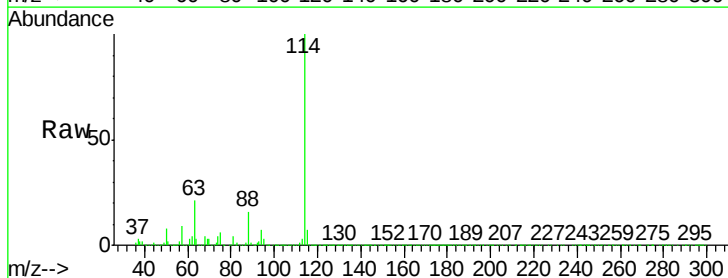
Manual Integrations
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 4/17/2020 11:55:09 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015726.D
 Acq: 16 Apr 2020 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1512759		
63	20.7	0.0	44.2	
88	15.5	0.0	33.8	





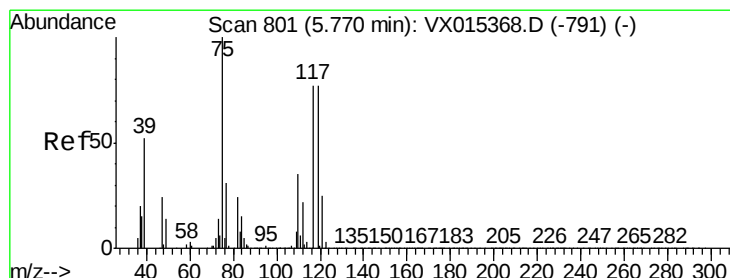
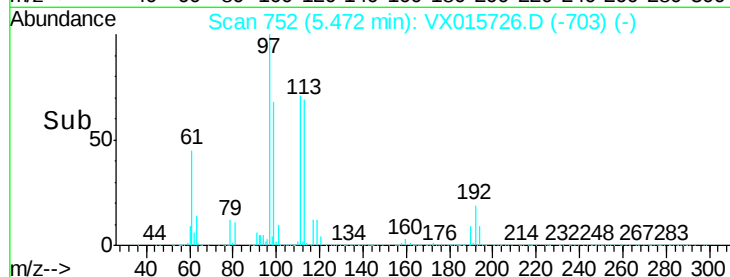
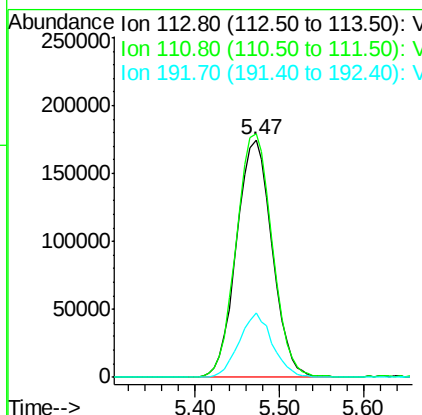
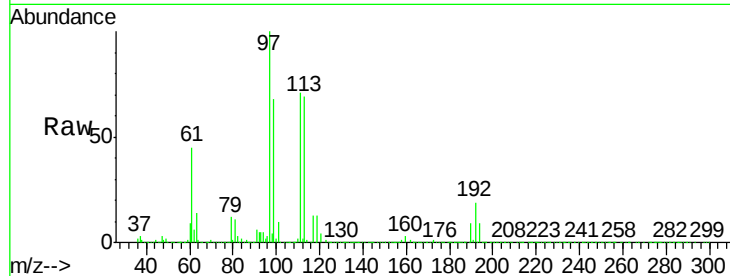
#35
Dibromofluoromethane
Concen: 51.775 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.00 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MS

Tot Ion	Ratio	Resp	Lower	Upper
113	100	500665		
111	103.7	81.5	122.3	
192	25.4	17.8	26.6	

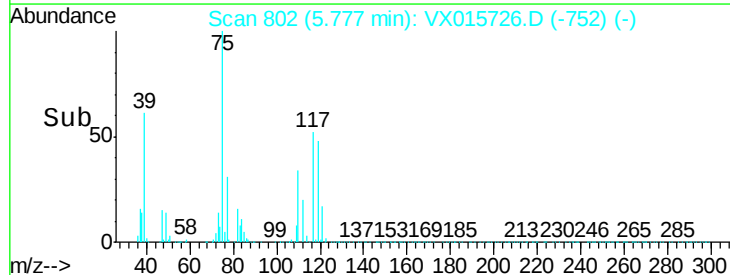
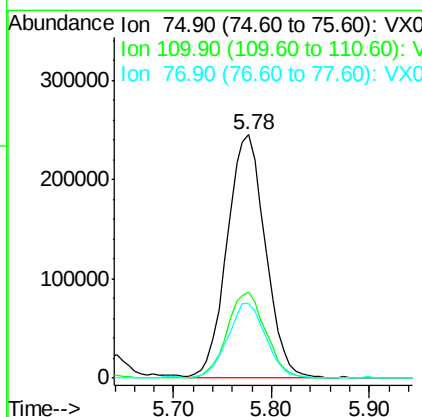
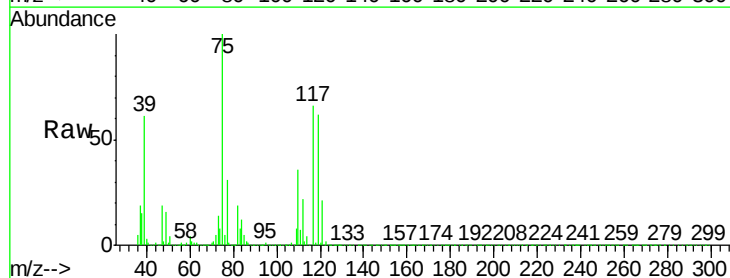
Manual Integrations
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#36
1,1-Dichloropropene
Concen: 47.411 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.01 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	660829		
110	35.5	17.1	51.3	
77	30.5	24.6	36.8	





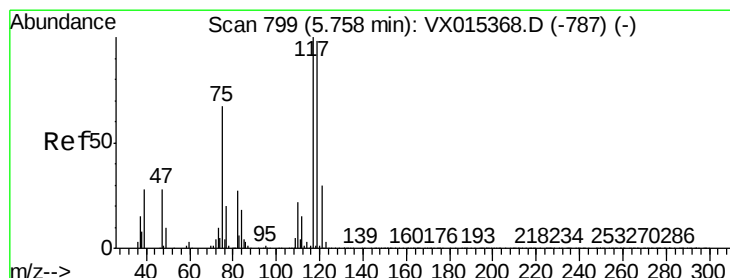
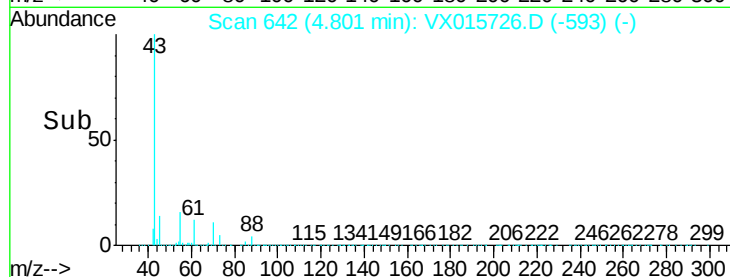
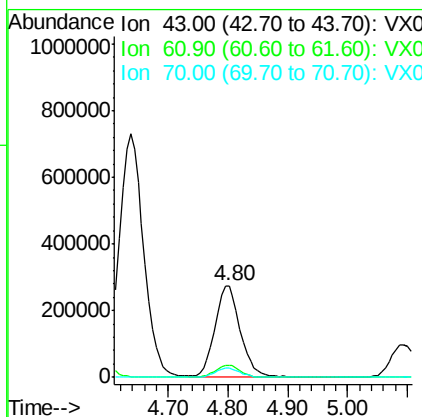
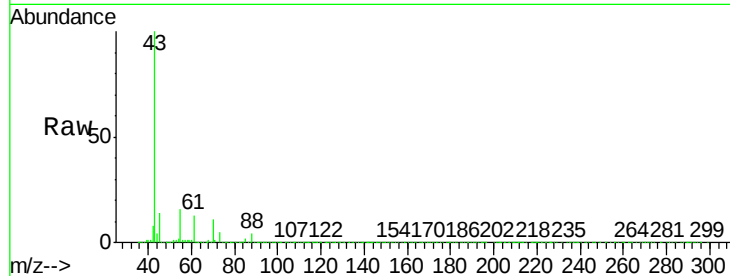
#37
Ethyl Acetate
Concen: 44.498 ug/l
RT: 4.80 min Scan# 642
Delta R.T. 0.00 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.7	9.9	14.9
70	10.1	8.1	12.1

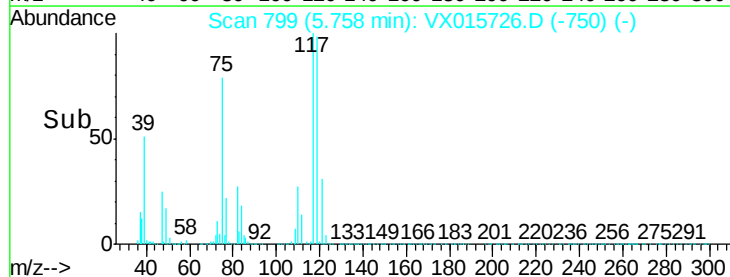
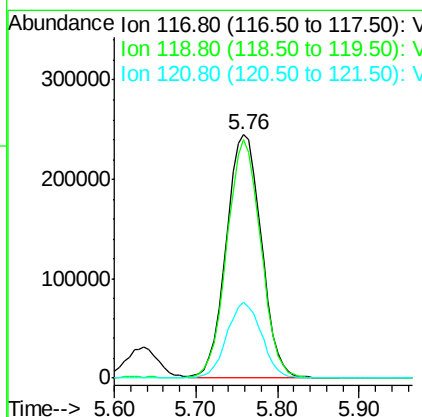
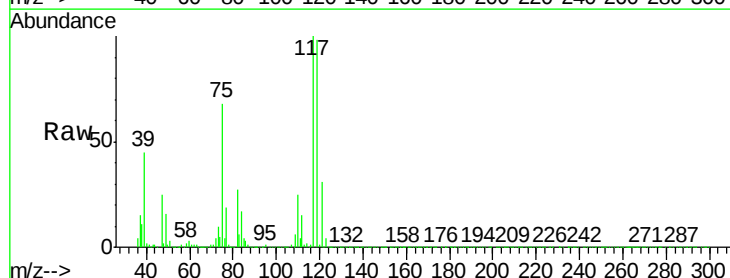
Manual Integrations
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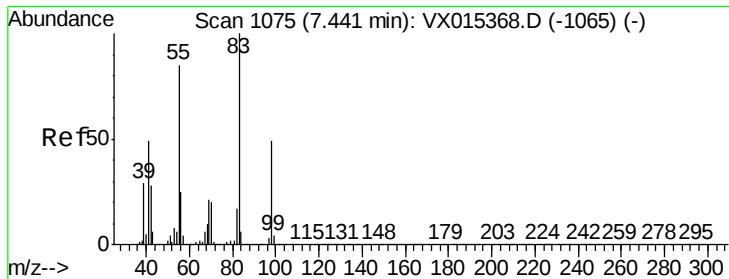
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#38
Carbon Tetrachloride
Concen: 48.094 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	78.0	117.0
121	31.2	23.8	35.8





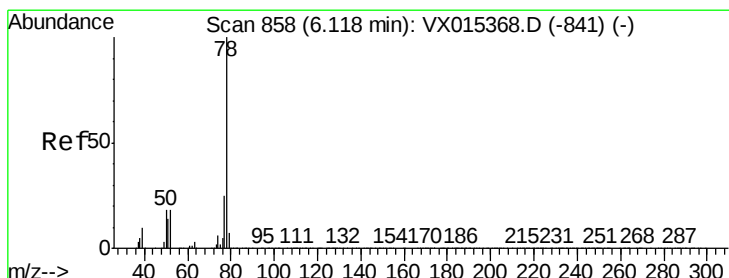
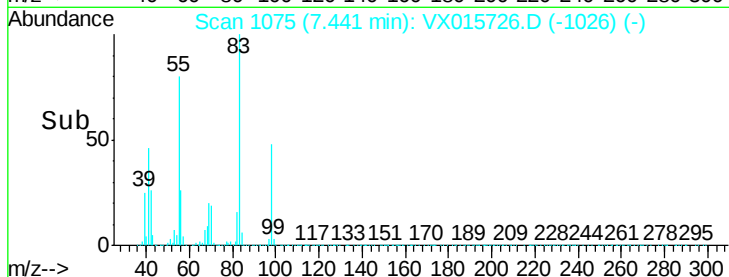
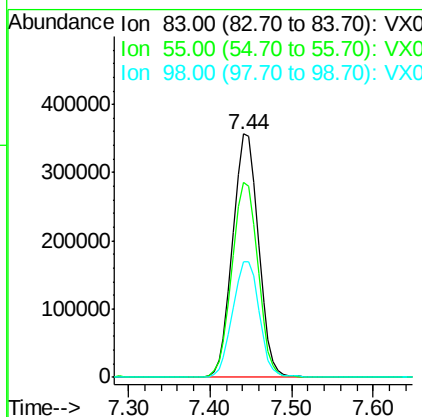
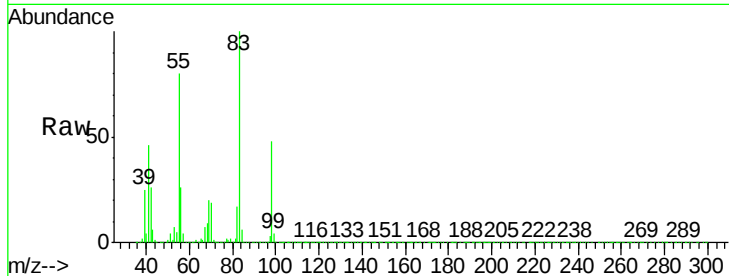
#39
Methvlcvclohexane
Concen: 48.625 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.0	67.8	101.6
98	47.6	39.3	58.9

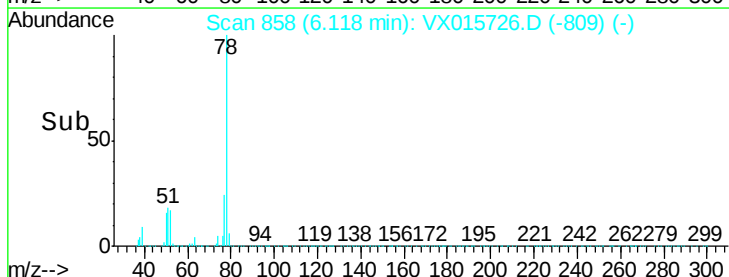
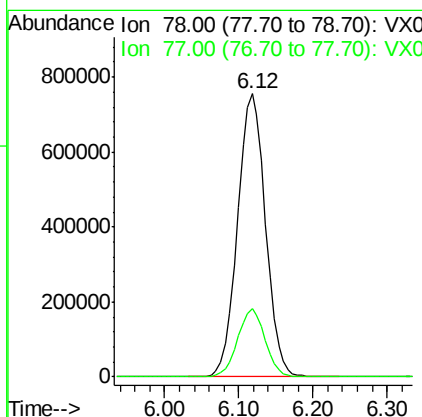
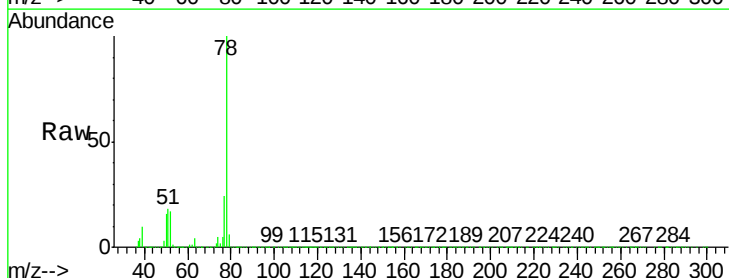
Manual Integrations
APPROVED

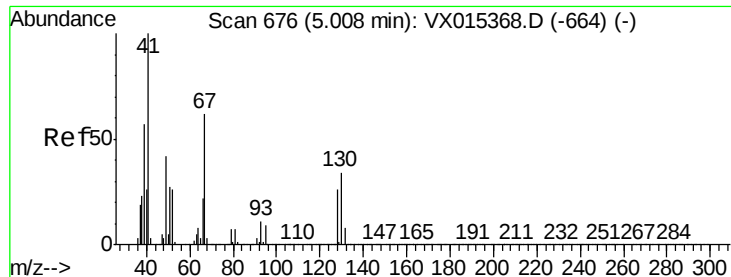
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#40
Benzene
Concen: 48.771 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.8	29.8





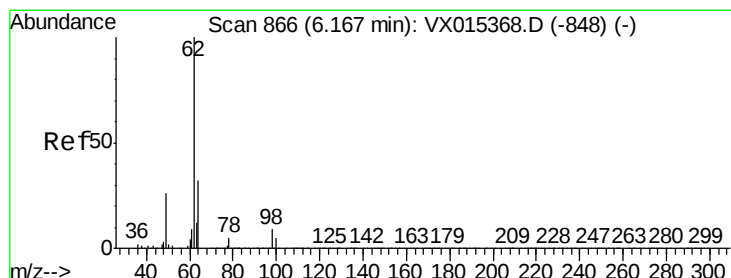
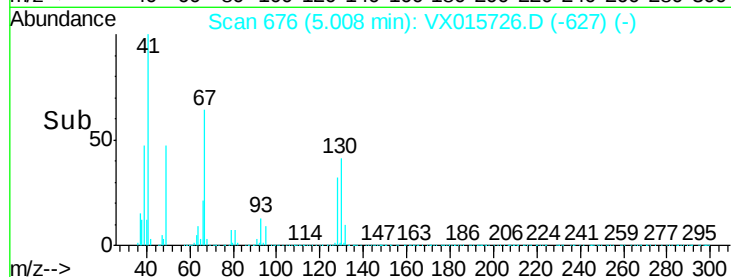
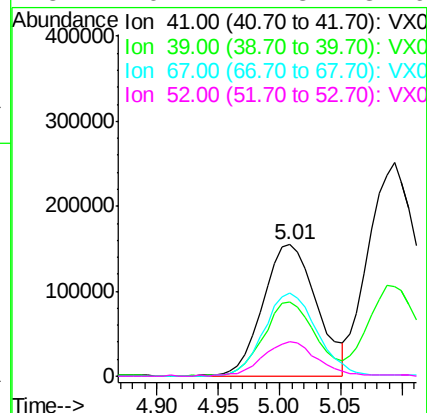
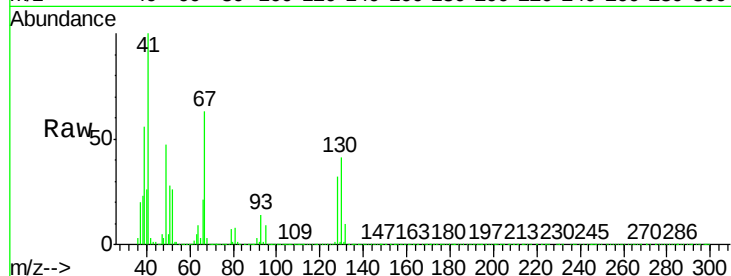
#41
Methacrylonitrile
Concen: 47.025 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MS

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.7	44.5	66.7
67	62.5	48.9	73.3
52	26.1	21.8	32.6

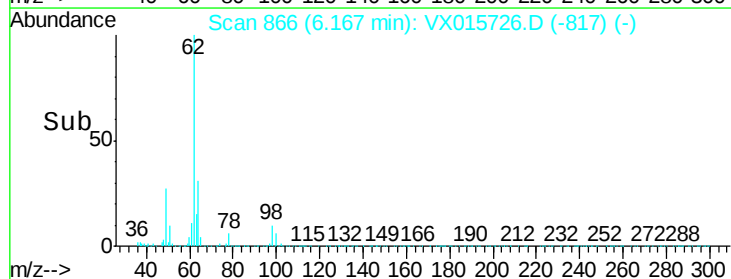
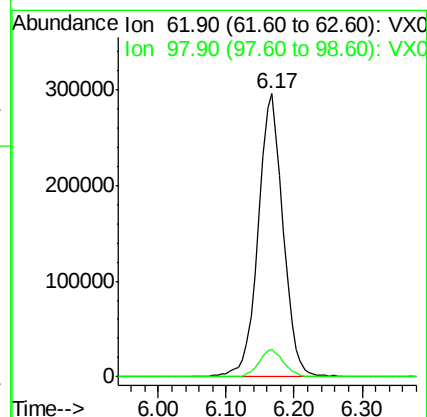
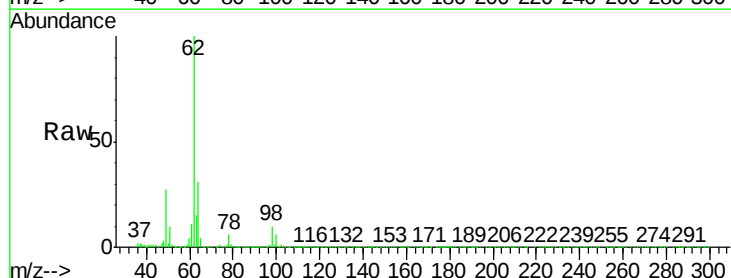
Manual Integrations
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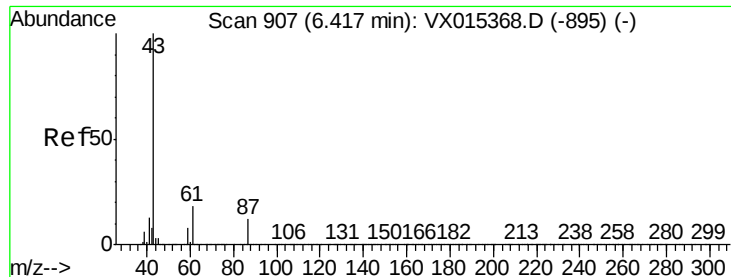
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#42
1,2-Dichloroethane
Concen: 46.155 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	17.6





#43

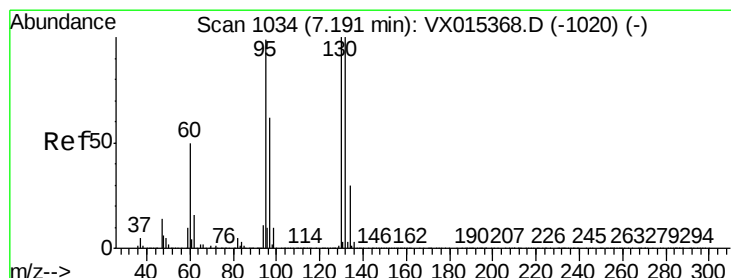
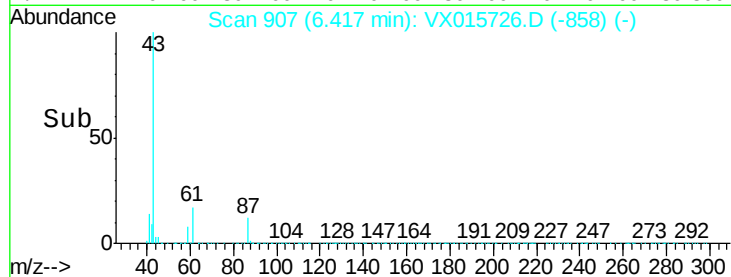
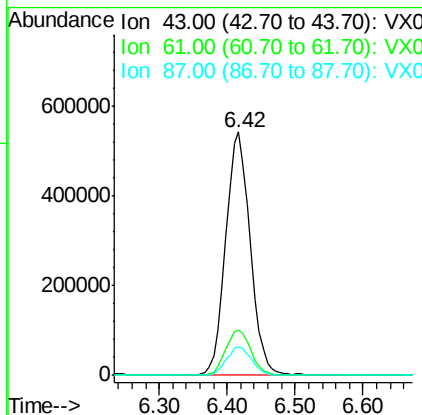
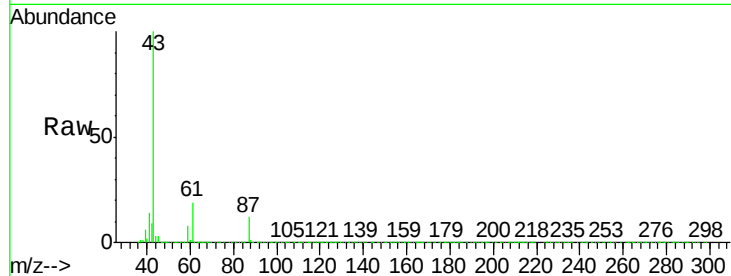
Isopropyl Acetate
 Concen: 43.936 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015726.D
 Acq: 16 Apr 2020 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW032-200413MS

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.3	14.8	22.2
87	12.2	9.4	14.0

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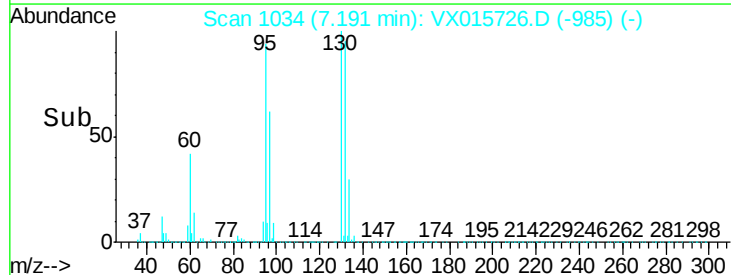
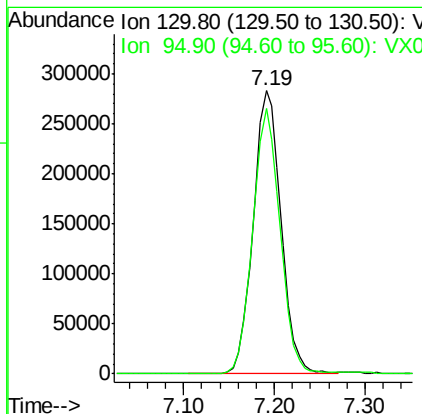
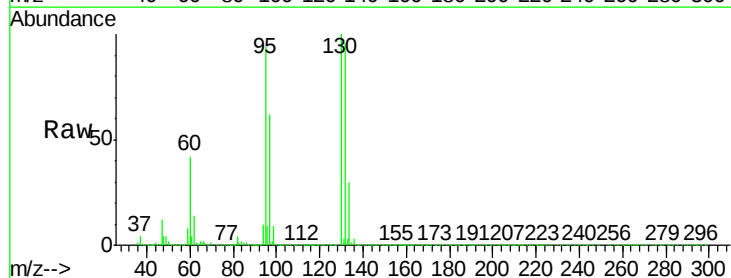
MMDadoda
 4/17/2020 11:55:09 AM

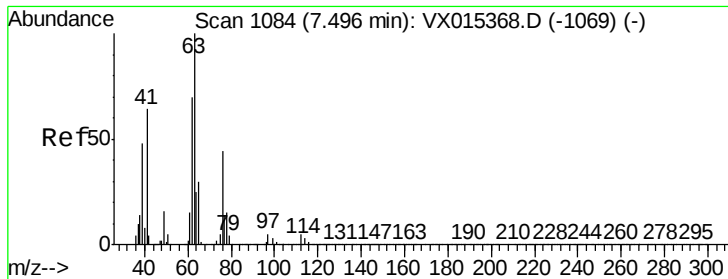


#44

Trichloroethene
 Concen: 53.856 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015726.D
 Acq: 16 Apr 2020 20:32

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	199.0





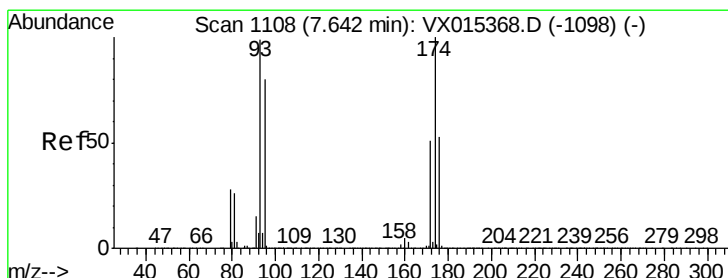
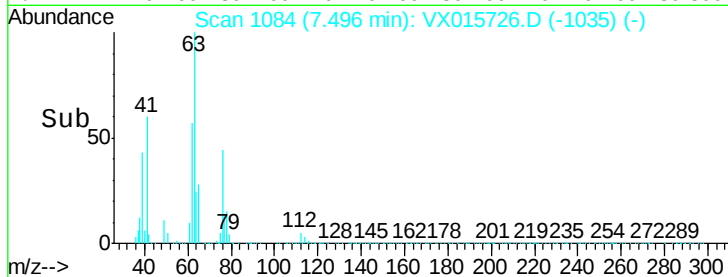
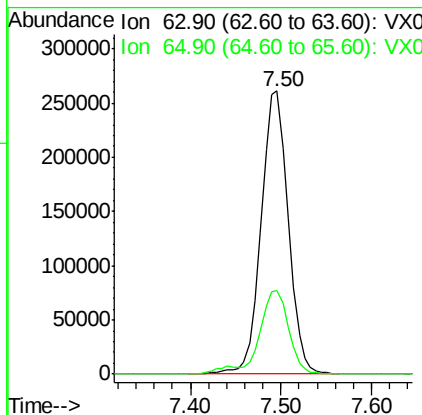
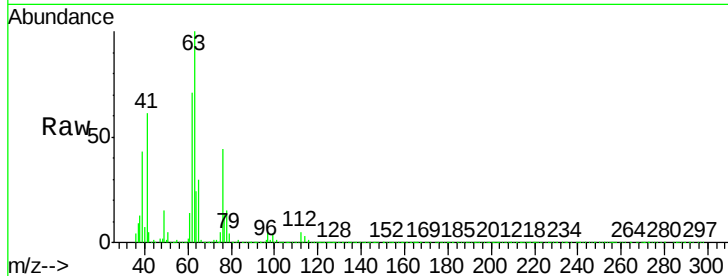
#45
 1,2-Dichloropropane
 Concen: 48.168 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015726.D
 Acq: 16 Apr 2020 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW032-200413MS

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.7	23.9	35.9

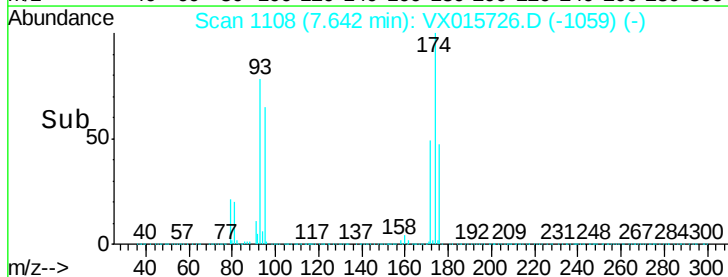
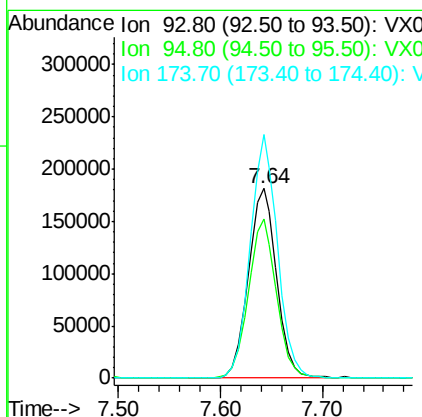
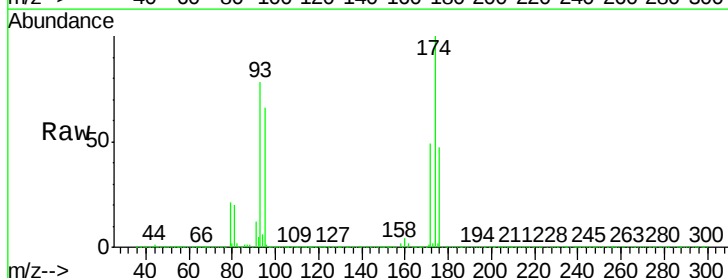
Manual Integrations
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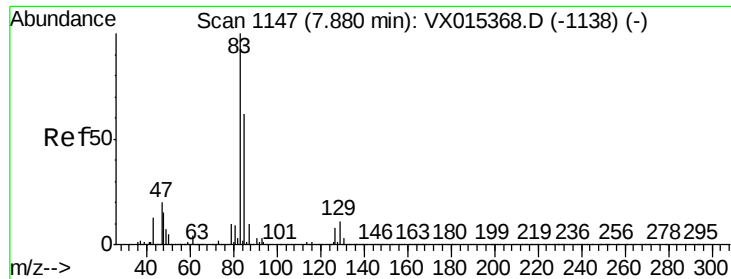
MMDadoda
 4/17/2020 11:55:09 AM



#46
 Dibromomethane
 Concen: 47.481 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015726.D
 Acq: 16 Apr 2020 20:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	65.8	98.8
174	125.2	86.2	129.2





#47

Bromodichloromethane

Concen: 47.015 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

Instrument :

MSVOA_X

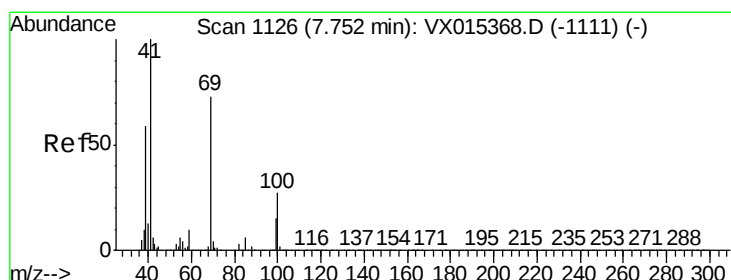
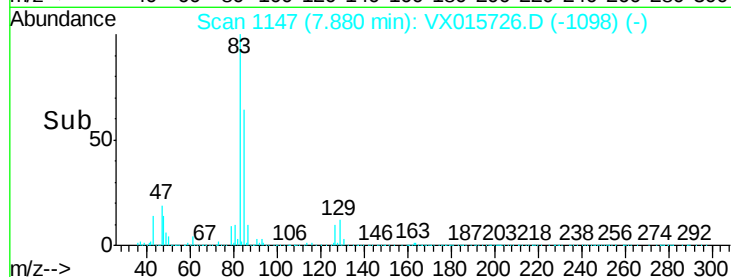
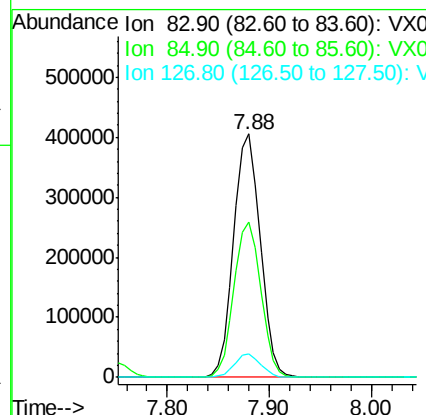
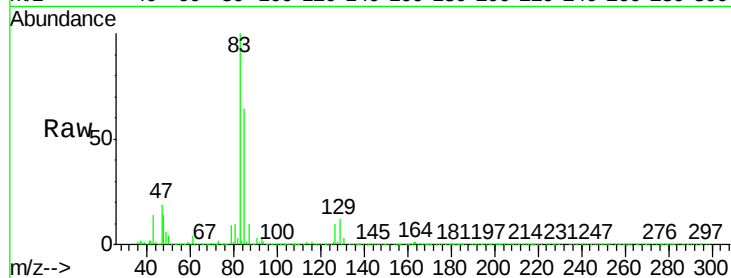
ClientSampleId :

SS042MW032-200413MS

Tot Ion:	83	Resp:	733995
Ion Ratio	Lower	Upper	
83	100		
85	63.7	49.7	74.5
127	9.6	6.7	10.1

Manual Integrations
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4/17/2020 11:55:09 AM



#48

Methyl methacrylate

Concen: 44.786 ug/l

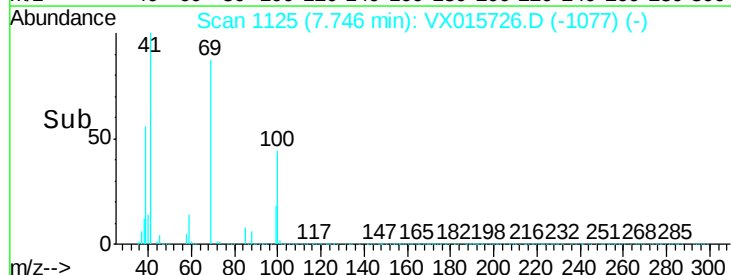
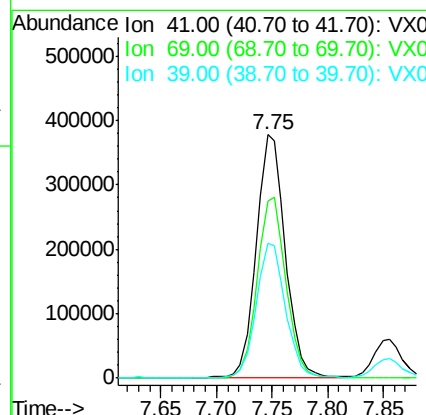
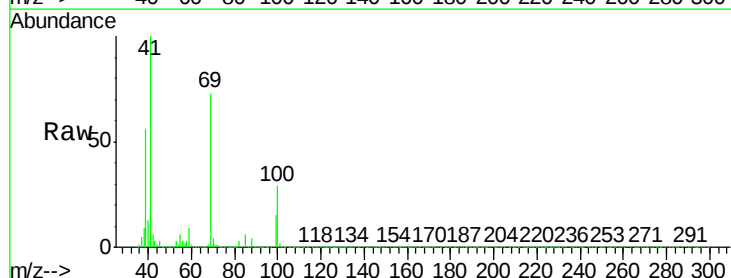
RT: 7.75 min Scan# 1125

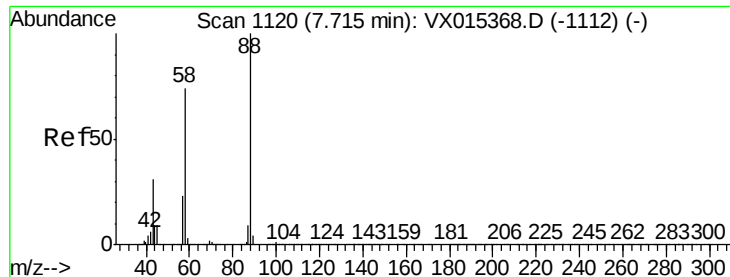
Delta R.T. -0.01 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

Tgt Ion:	41	Resp:	685352
Ion Ratio	Lower	Upper	
41	100		
69	74.0	56.7	85.1
39	55.6	46.5	69.7





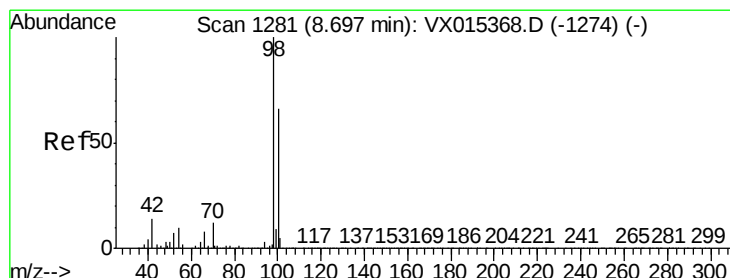
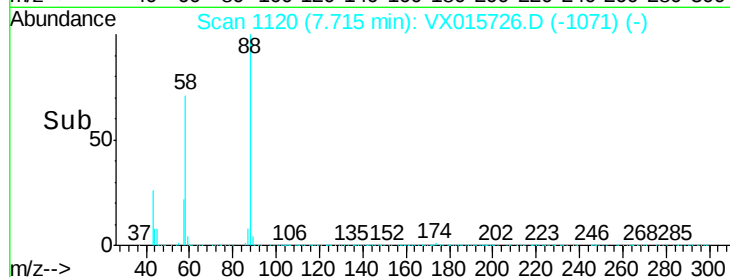
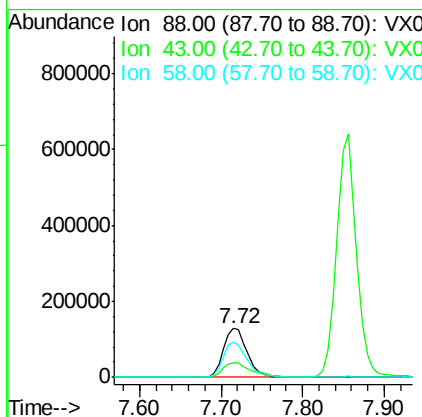
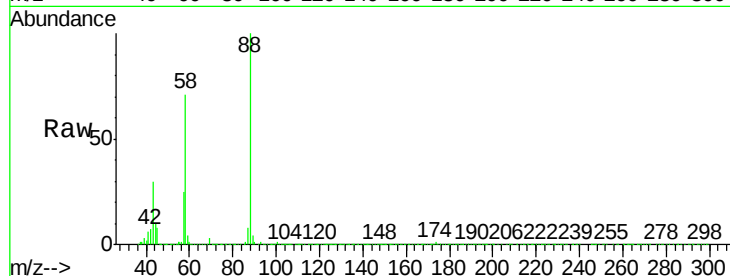
#49
1,4-Dioxane
Concen: 877.102 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. 0.00 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MS

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.7	30.1	45.1
58	73.7	60.6	90.8

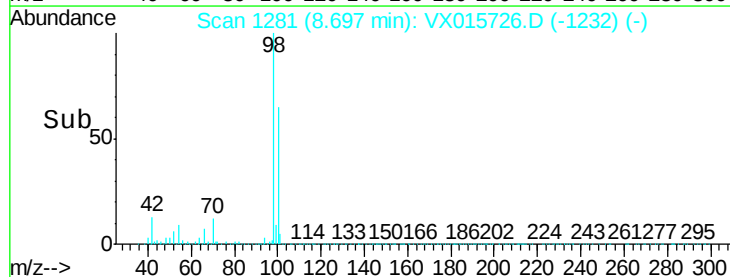
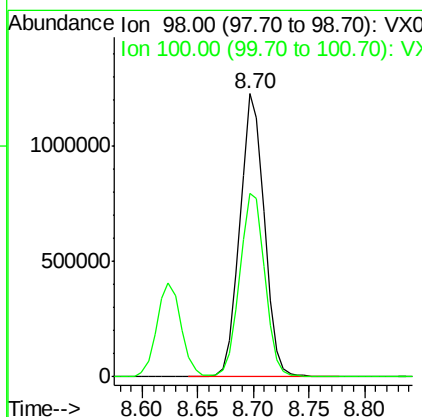
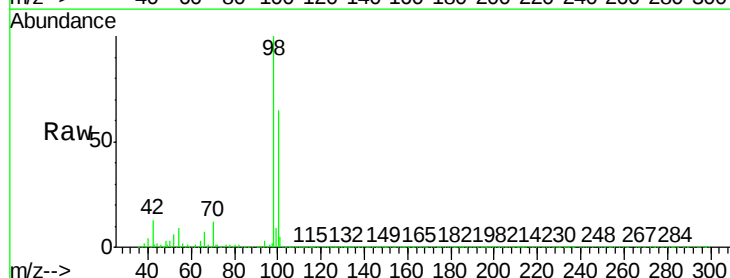
Manual Integrations
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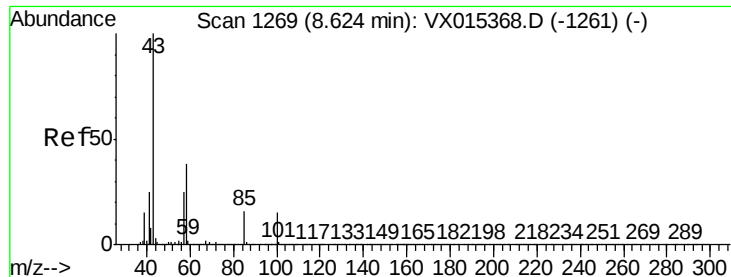
MMDadoda
4/17/2020 11:55:09 AM



#50
Toluene-d8
Concen: 52.486 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 235.844 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MS

Tot Ion: 43 Resp: 4094875

Ion Ratio Lower Upper

43 100

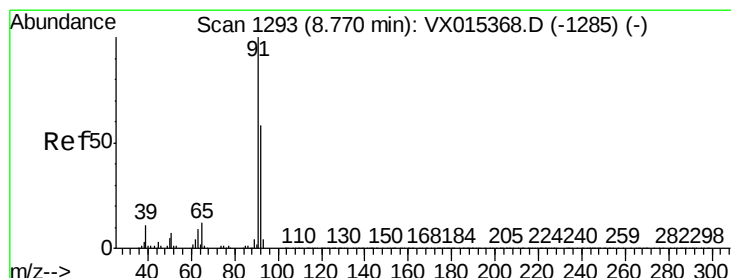
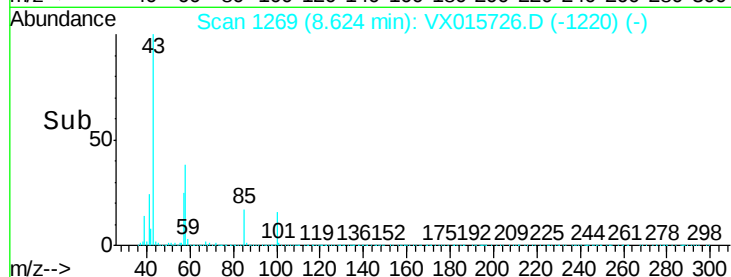
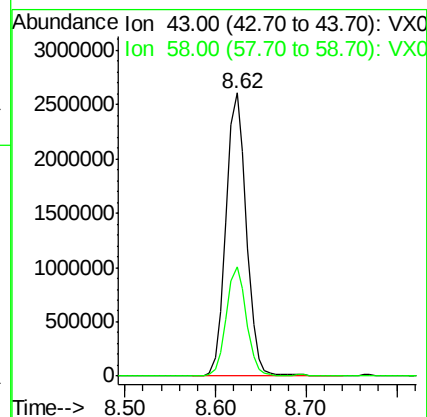
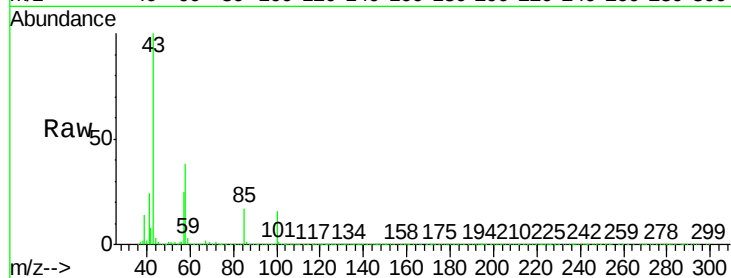
58 37.8 29.7 44.5

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#52

Toluene

Concen: 50.950 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015726.D

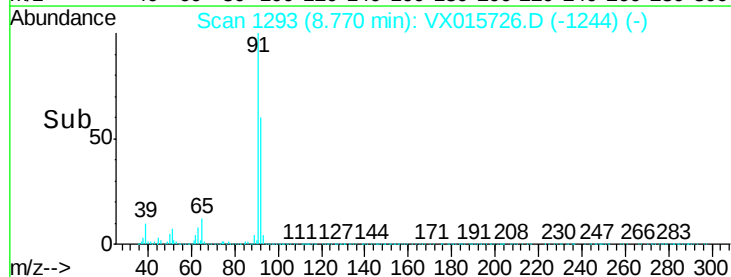
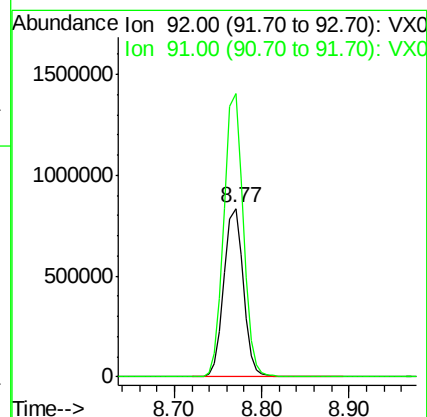
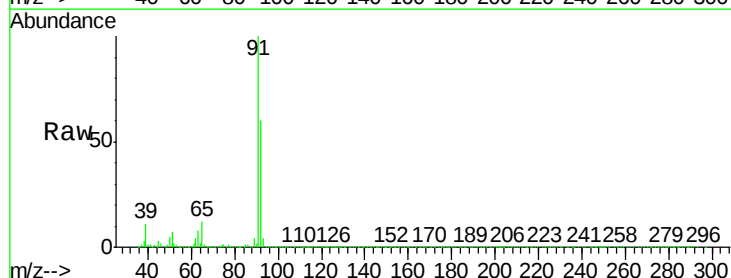
Acq: 16 Apr 2020 20:32

Tgt Ion: 92 Resp: 1282522

Ion Ratio Lower Upper

92 100

91 167.7 136.6 205.0





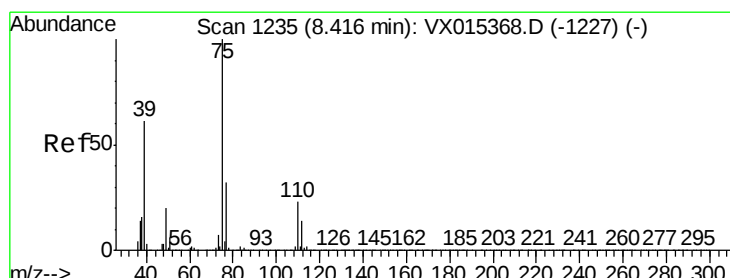
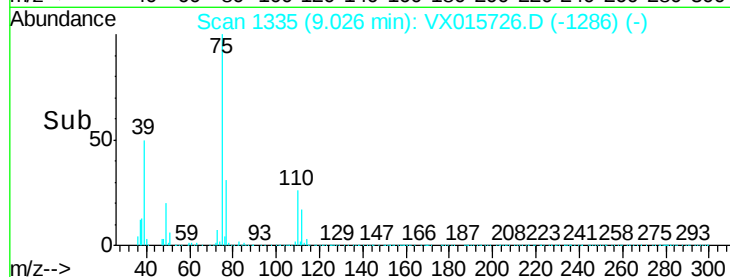
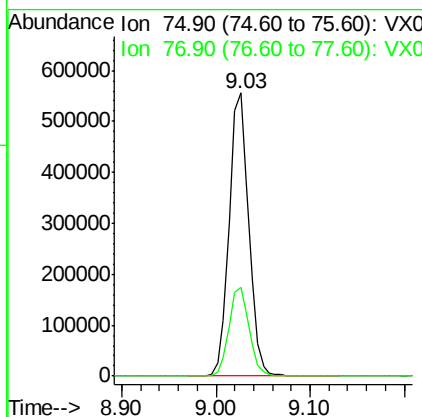
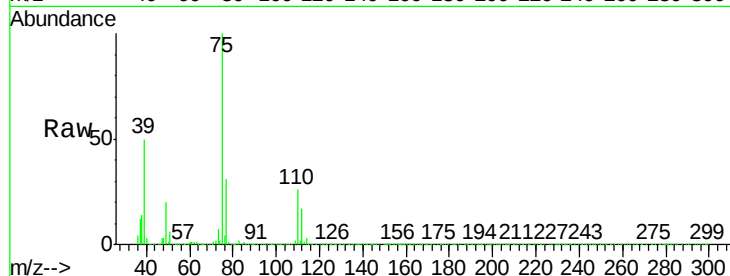
#53
t-1,3-Dichloropropene
Concen: 43.814 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MS

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.1	36.1

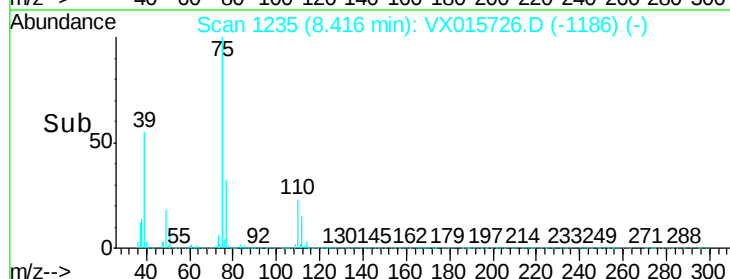
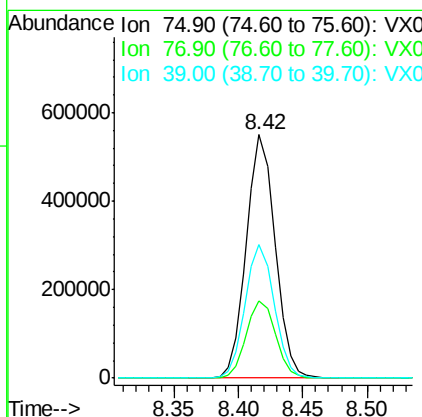
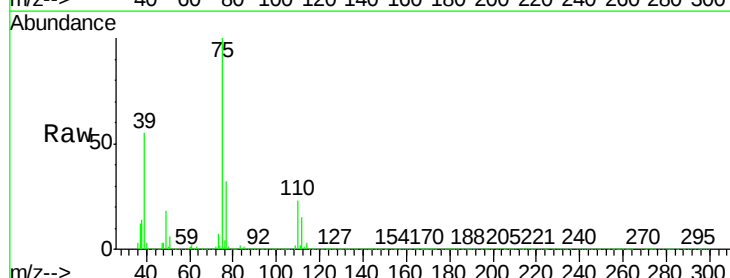
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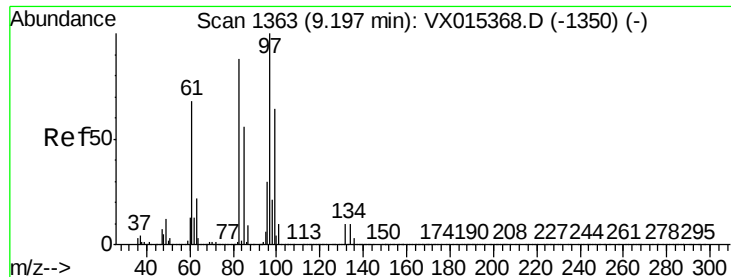
MMDadoda
4/17/2020 11:55:09 AM



#54
cis-1,3-Dichloropropene
Concen: 45.663 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.8	38.6
39	54.8	49.0	73.4





#55

1,1,2-Trichloroethane

Concen: 51.435 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

Instrument :

MSVOA_X

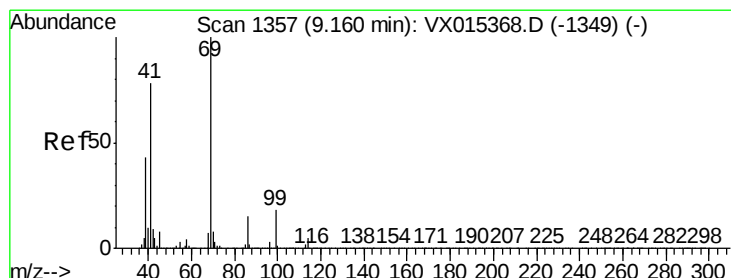
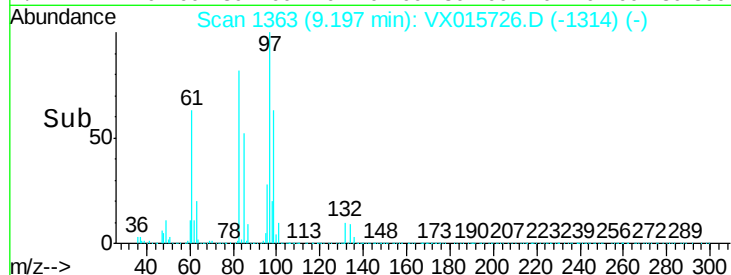
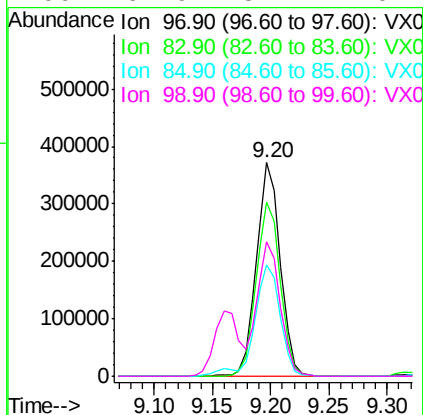
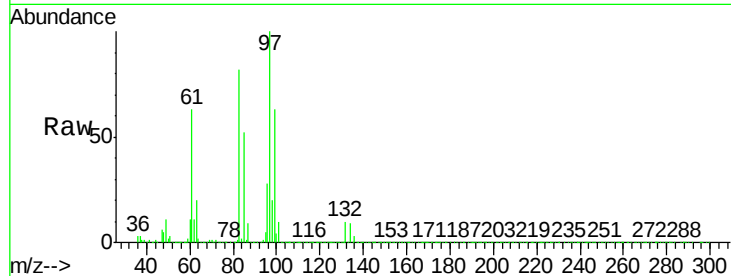
ClientSampleId :

SS042MW032-200413MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		530456		
83	81.6	70.2	105.4		
85	52.3	44.7	67.1		
99	62.9	51.1	76.7		

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#56

Ethyl methacrylate

Concen: 46.995 ug/l

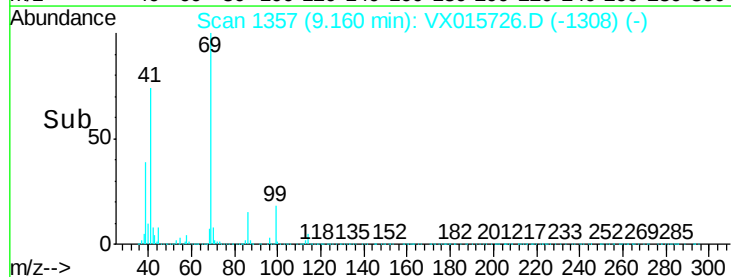
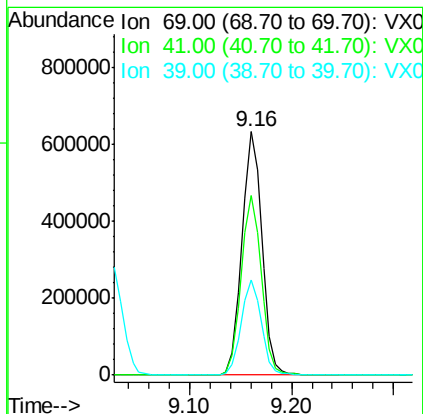
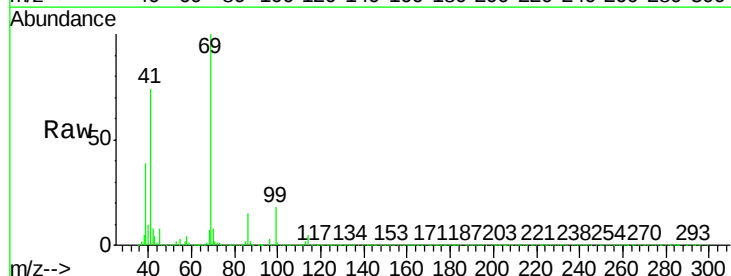
RT: 9.16 min Scan# 1357

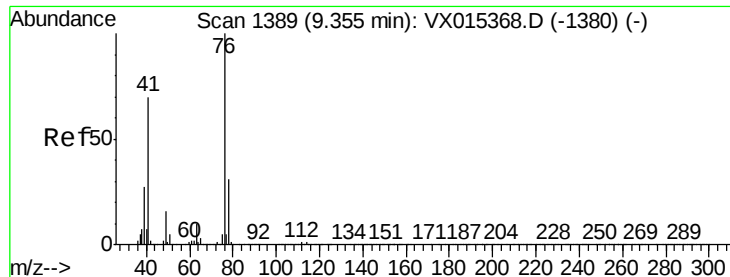
Delta R.T. 0.00 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		854177		
41	73.6	61.6	92.4		
39	39.0	34.0	51.0		





#57

1,3-Dichloropropane

Concen: 48.137 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MS

Tot Ion: 76 Resp: 894448

Ion Ratio Lower Upper

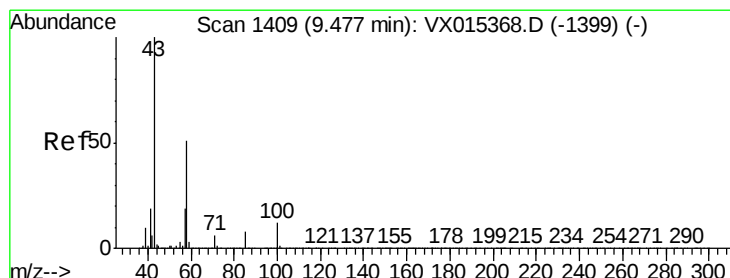
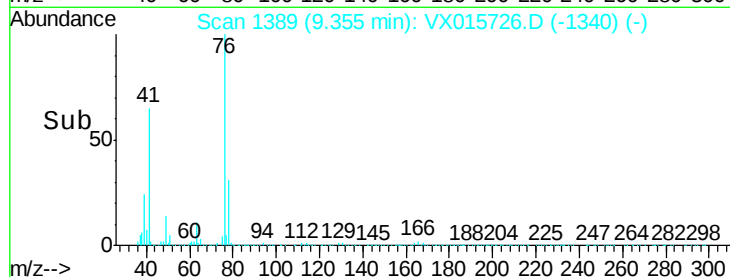
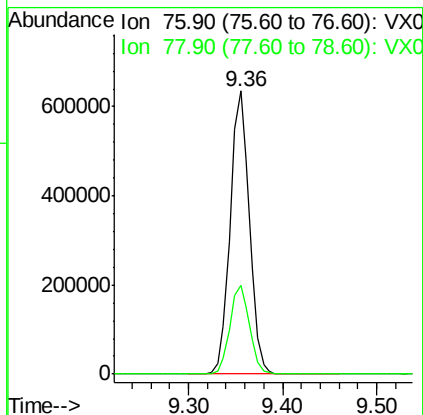
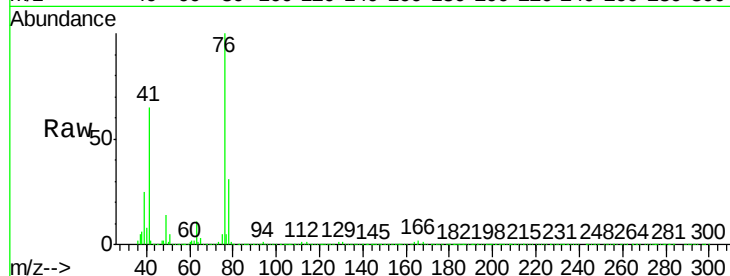
76 100

78 32.0 25.8 38.8

Manual Integrations
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#59

2-Hexanone

Concen: 234.072 ug/l

RT: 9.48 min Scan# 1409

Delta R.T. 0.00 min

Lab File: VX015726.D

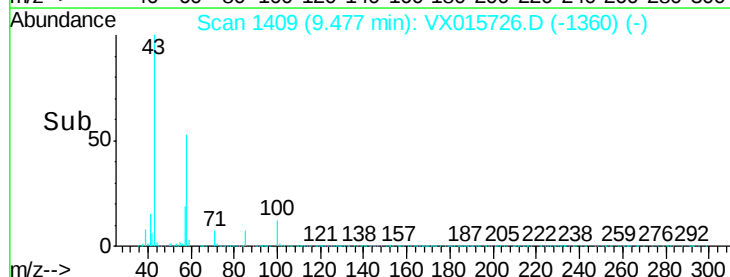
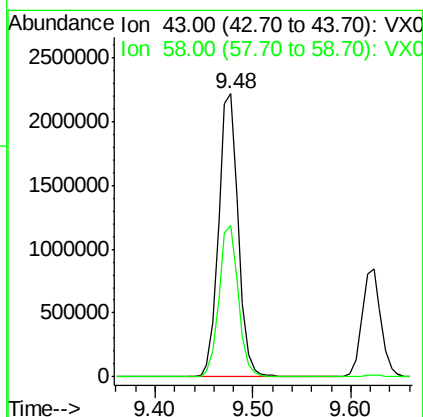
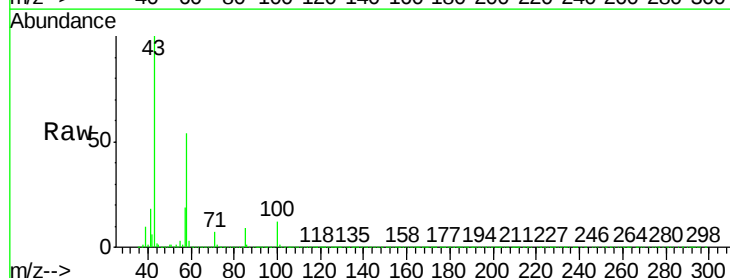
Acq: 16 Apr 2020 20:32

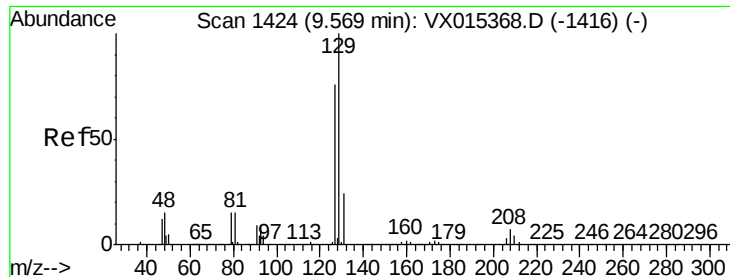
Tgt Ion: 43 Resp: 3068308

Ion Ratio Lower Upper

43 100

58 52.8 25.6 76.6





#60

Dibromochloromethane

Concen: 49.226 ug/l

RT: 9.56 min Scan# 1423

Delta R.T. -0.01 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MS

Tot Ion:129 Resp: 610042

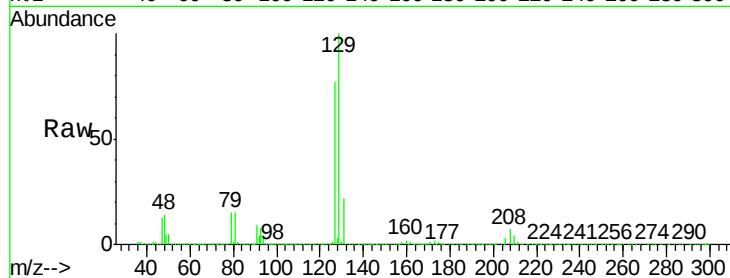
Ion Ratio Lower Upper

129 100

127 78.3 38.2 114.6

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4/17/2020 11:55:09 AM



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V

9.56

400000

300000

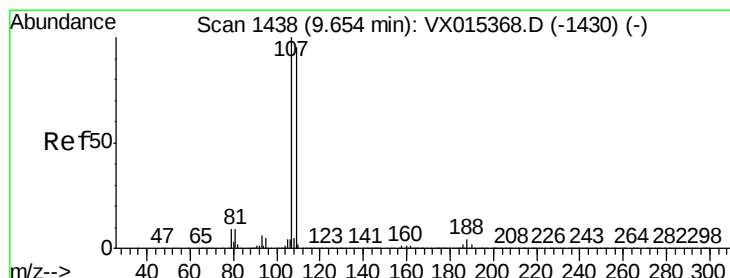
200000

100000

0

9.50 9.55 9.60 9.65

Time-->



#61

1,2-Dibromoethane

Concen: 49.139 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015726.D

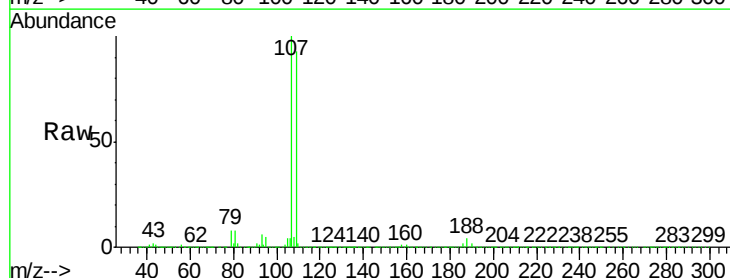
Acq: 16 Apr 2020 20:32

Tgt Ion:107 Resp: 551046

Ion Ratio Lower Upper

107 100

109 94.0 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

400000

300000

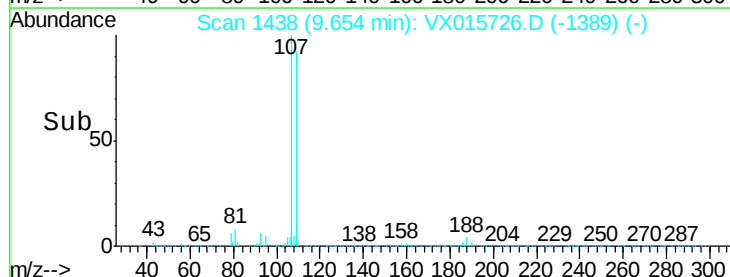
200000

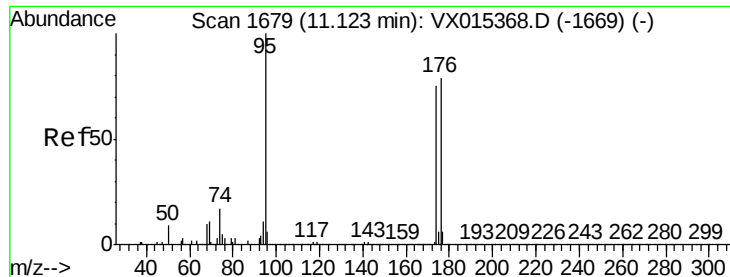
100000

0

9.60 9.70

Time-->





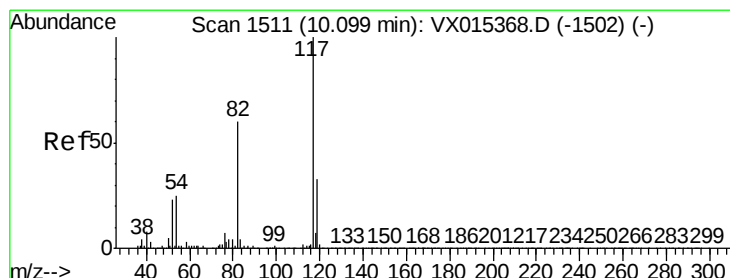
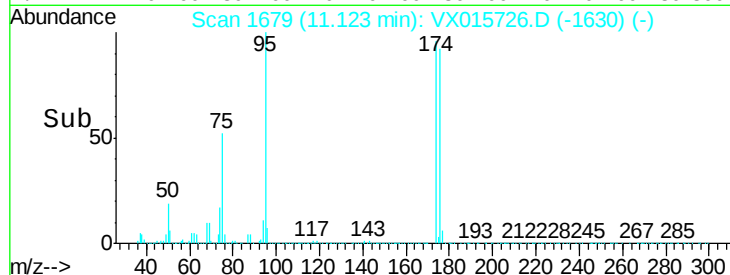
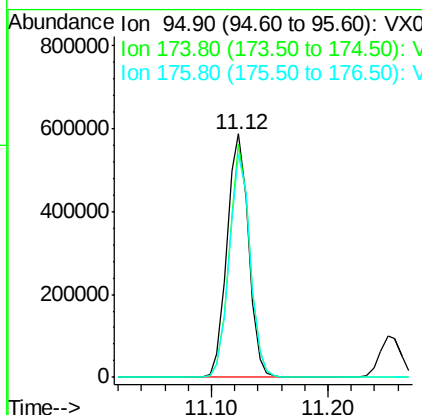
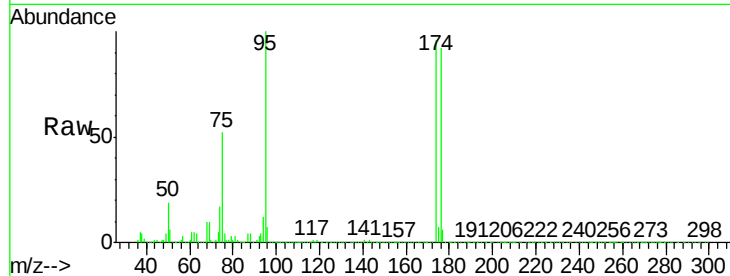
#62
4-Bromofluorobenzene
Concen: 51.925 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.00 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MS

Tot Ion	Ratio	Resp	Lower	Upper
95	100	751288		
174	91.4	0.0	158.6	
176	89.5	0.0	159.0	

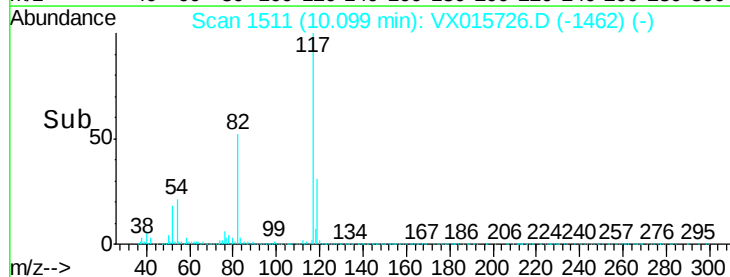
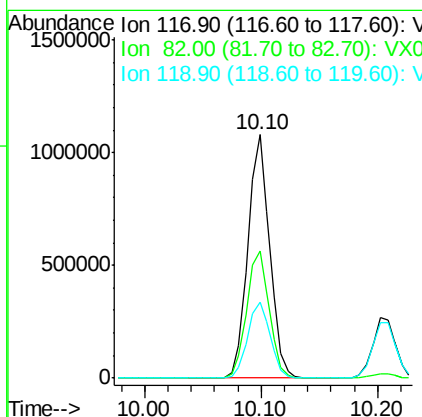
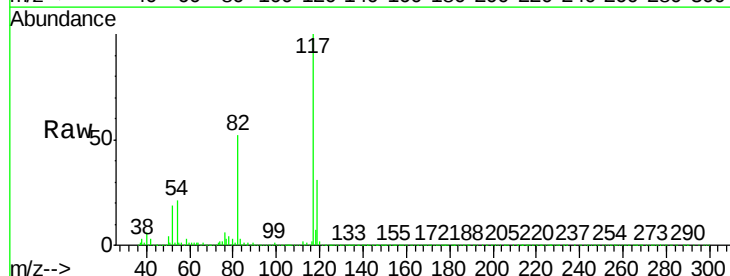
Manual Integrations
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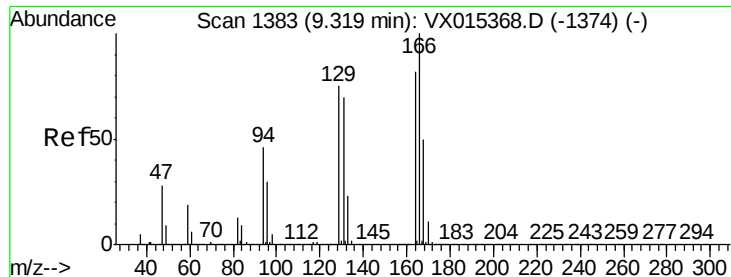
MMDadoda
4/17/2020 11:55:09 AM



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	1412999		
82	52.0	47.8	71.8	
119	31.1	26.8	40.2	





#64

Tetrachloroethene

Concen: 51.253 ug/l

RT: 9.32 min Scan# 1383

Delta R.T. 0.00 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

Instrument :

MSVOA_X

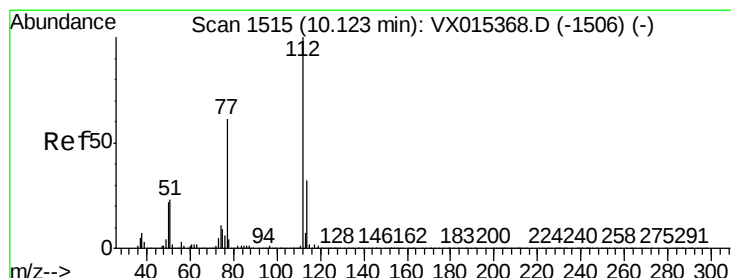
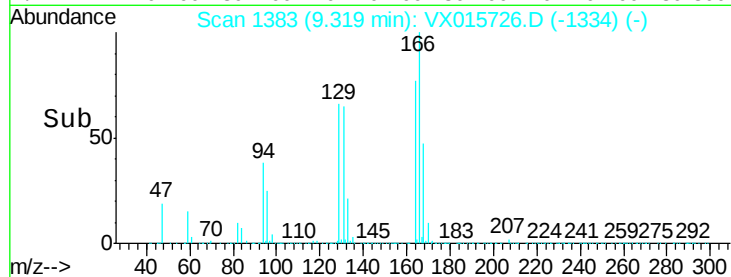
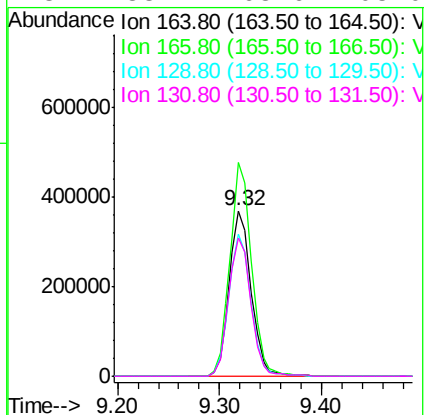
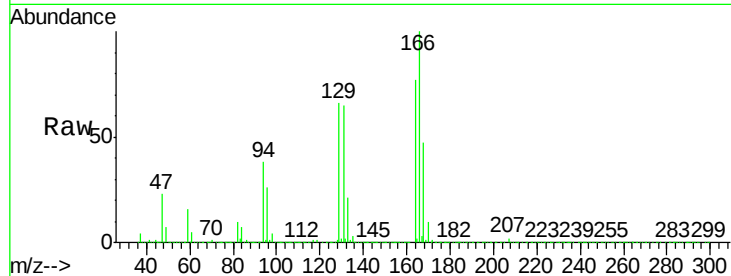
ClientSampleId :

SS042MW032-200413MS

Tot Ion:	164	Resp:	546535
Ion Ratio	Lower	Upper	
164	100		
166	129.0	97.8	146.6
129	85.7	73.0	109.4
131	83.4	68.6	103.0

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#65

Chlorobenzene

Concen: 49.899 ug/l

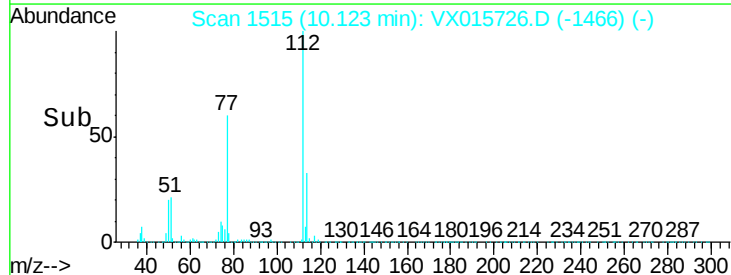
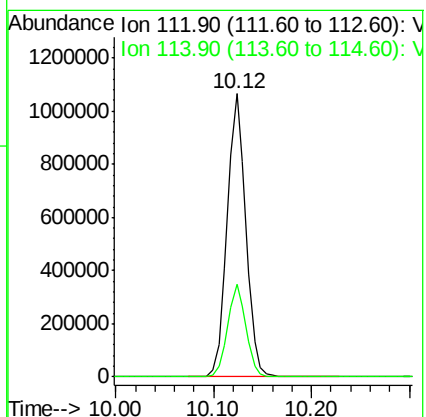
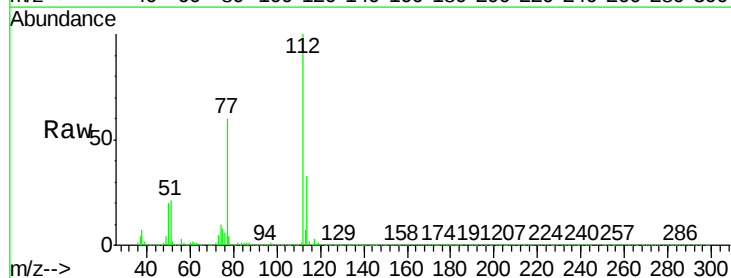
RT: 10.12 min Scan# 1515

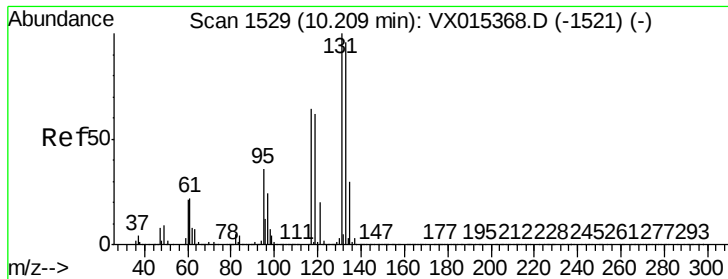
Delta R.T. 0.00 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

Tgt Ion:	112	Resp:	1406142
Ion Ratio	Lower	Upper	
112	100		
114	32.7	25.5	38.3





#66

1,1,1,2-Tetrachloroethane

Concen: 48.543 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

Instrument :

MSVOA_X

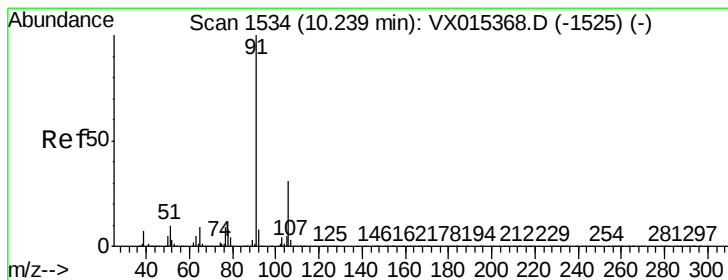
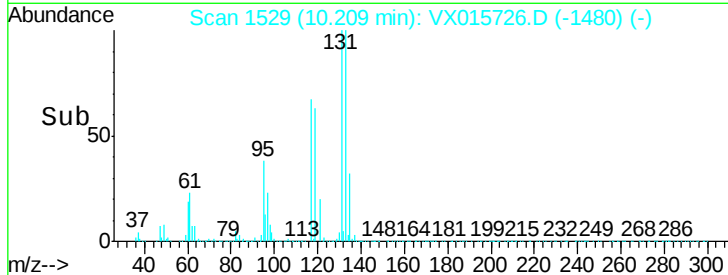
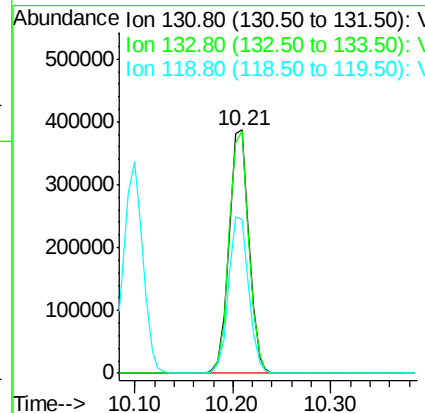
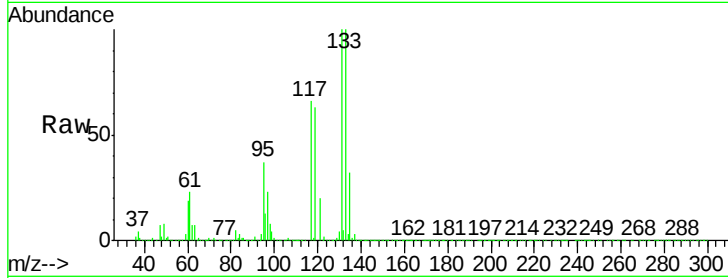
ClientSampleId :

SS042MW032-200413MS

Tot Ion:	131	Resp:	546493
Ion Ratio	Lower	Upper	
131	100		
133	98.1	47.6	142.9
119	64.4	31.1	93.3

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#67

Ethyl Benzene

Concen: 49.789 ug/l

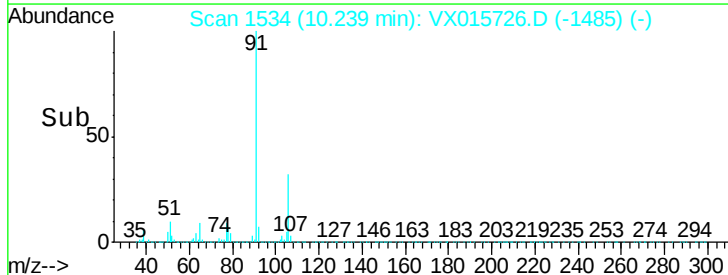
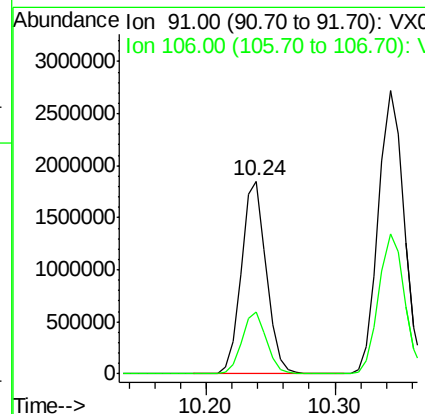
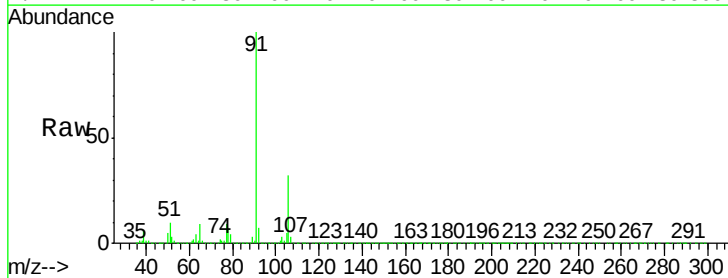
RT: 10.24 min Scan# 1534

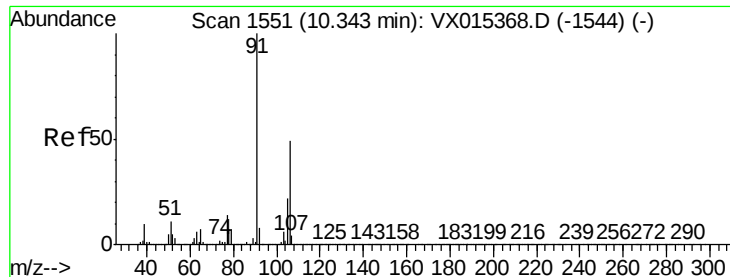
Delta R.T. 0.00 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

Tgt Ion:	91	Resp:	2488396
Ion Ratio	Lower	Upper	
91	100		
106	32.1	24.8	37.2





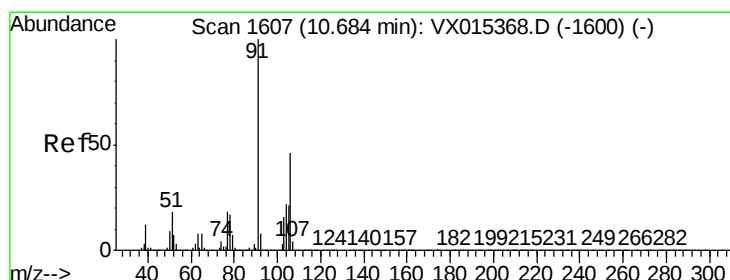
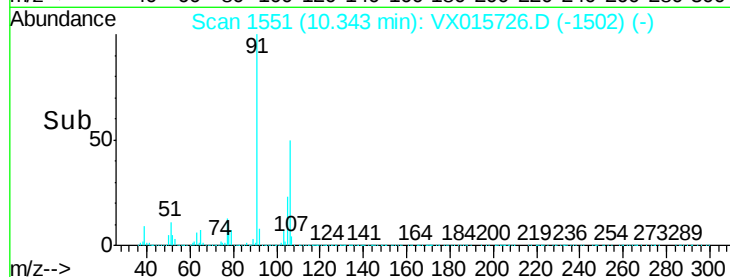
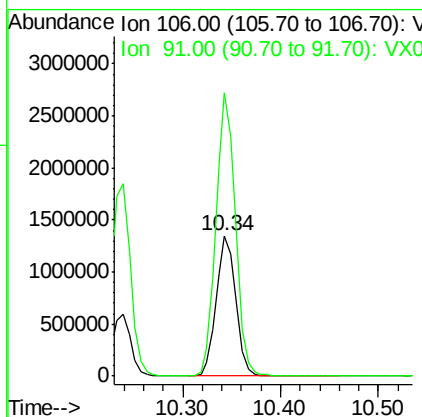
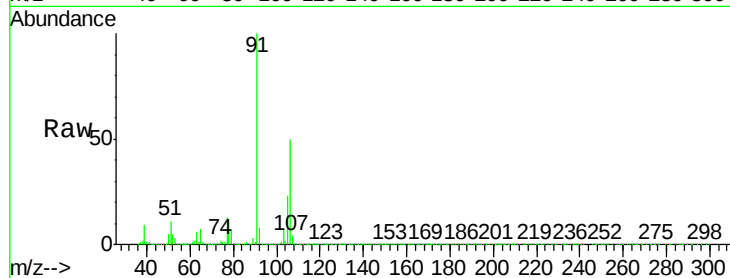
#68
m/p-Xylenes
Concen: 100.124 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MS

Tot Ion:106 Resp: 1863360
Ion Ratio Lower Upper
106 100
91 201.1 163.4 245.0

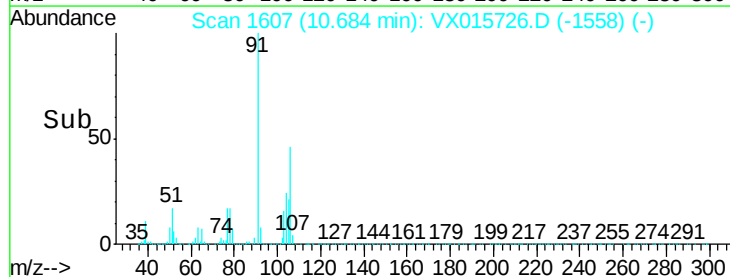
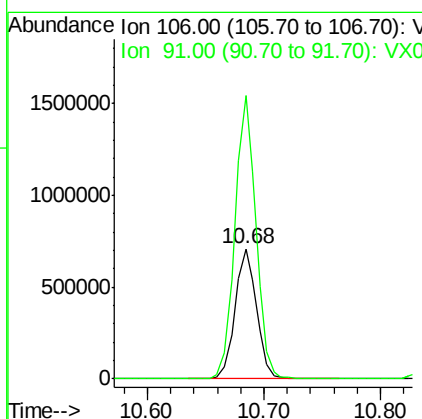
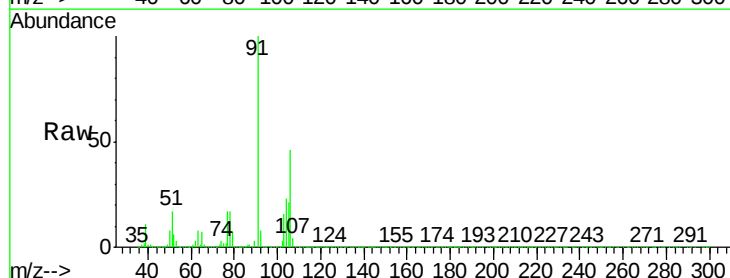
Manual Integrations
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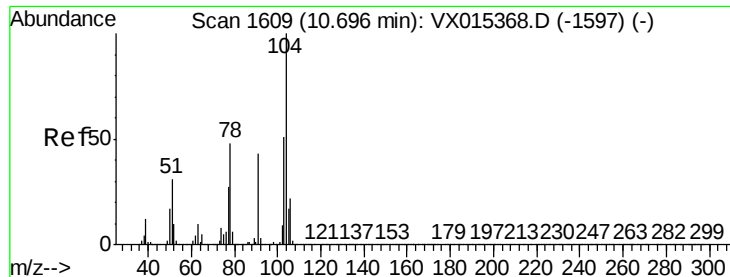
MMDadoda
4/17/2020 11:55:09 AM



#69
o-Xylene
Concen: 49.331 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Tgt Ion:106 Resp: 907201
Ion Ratio Lower Upper
106 100
91 212.9 107.1 321.3





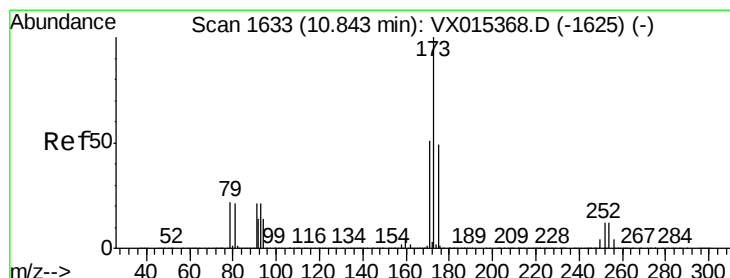
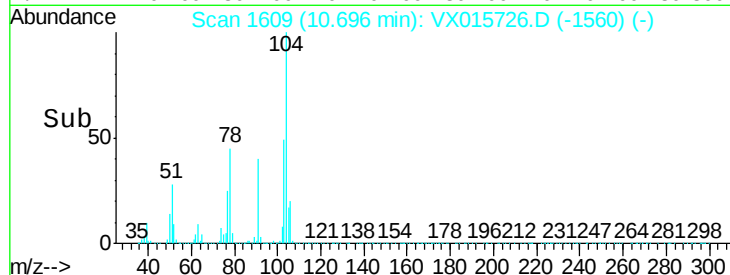
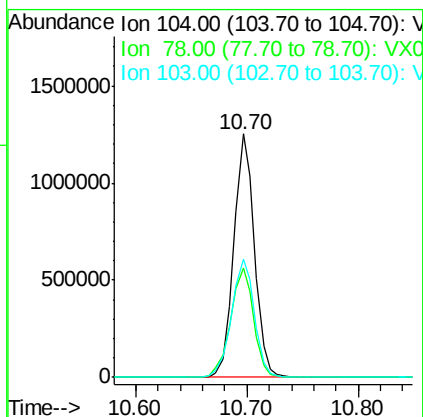
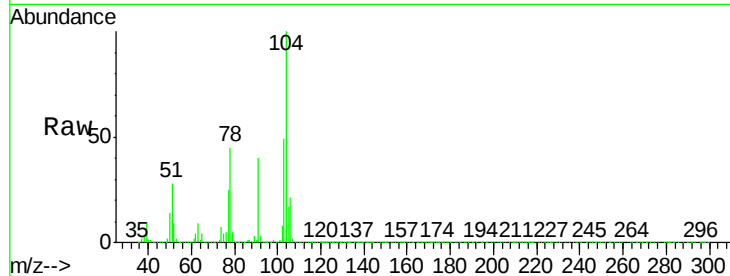
#70
Stvrene
Concen: 49.419 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MS

Tot Ion	Ratio	Lower	Upper
104	100		
78	50.2	42.0	63.0
103	53.8	43.4	65.0

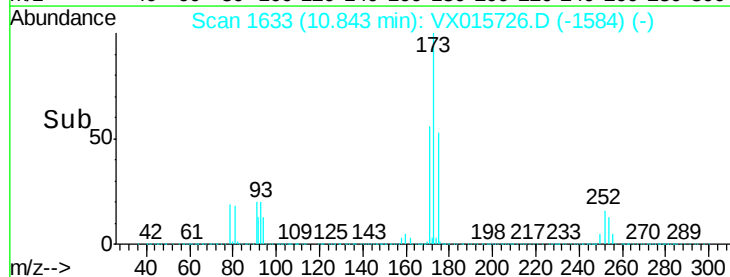
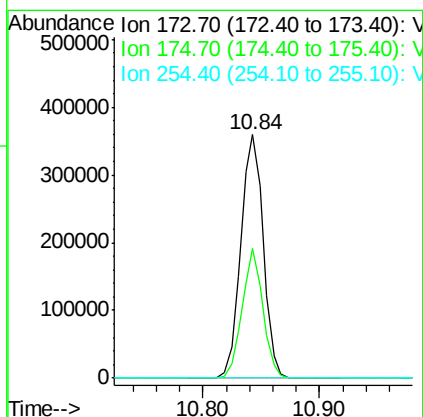
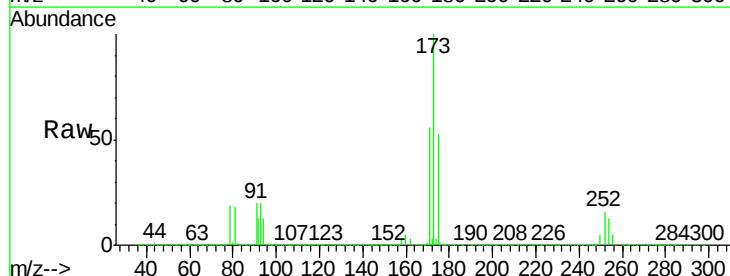
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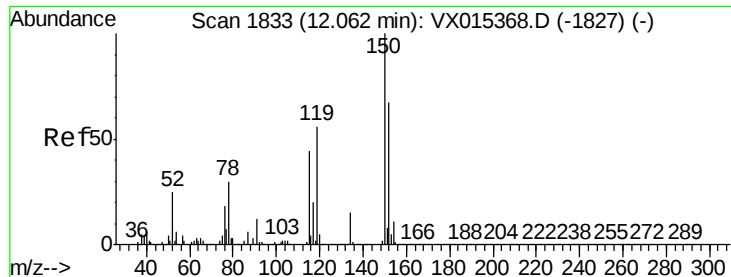
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4/17/2020 11:55:09 AM



#71
Bromoform
Concen: 47.108 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.4	23.9	71.7
254	0.1	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

Instrument :

MSVOA_X

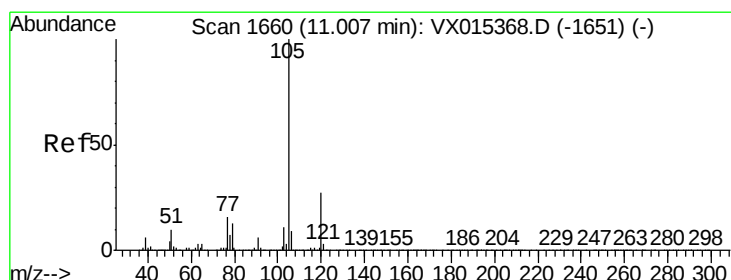
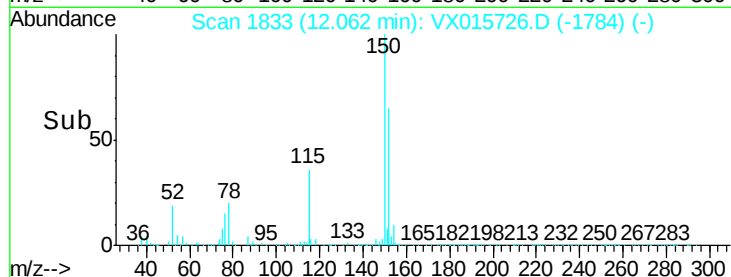
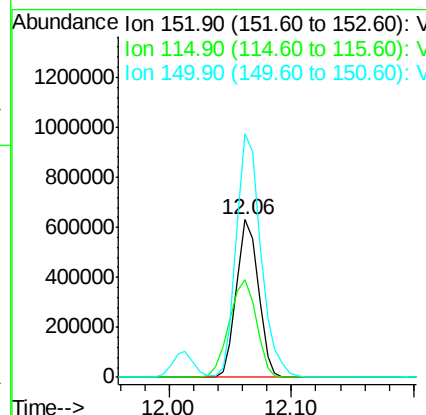
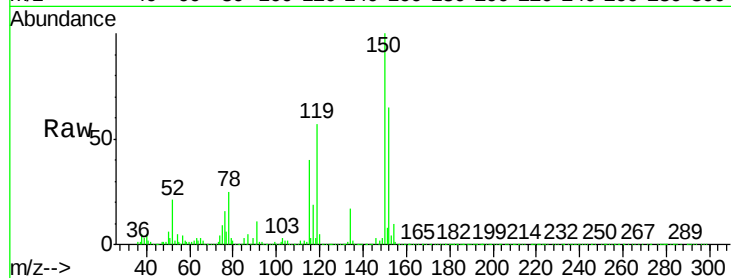
ClientSampleId :

SS042MW032-200413MS

Tot Ion:	152	Resp:	784350
Ion Ratio	Lower	Upper	
152	100		
115	76.3	39.0	116.9
150	172.1	0.0	340.8

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#73

Isopropylbenzene

Concen: 47.966 ug/l

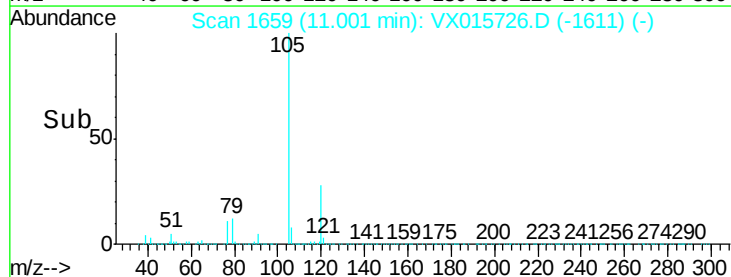
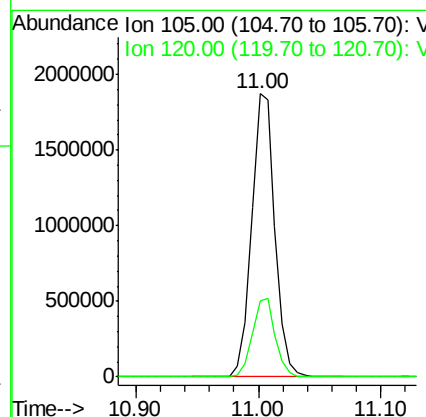
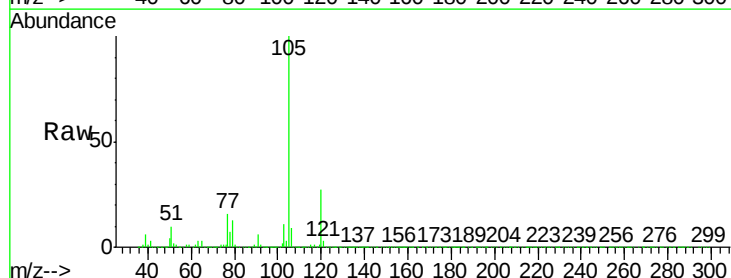
RT: 11.00 min Scan# 1659

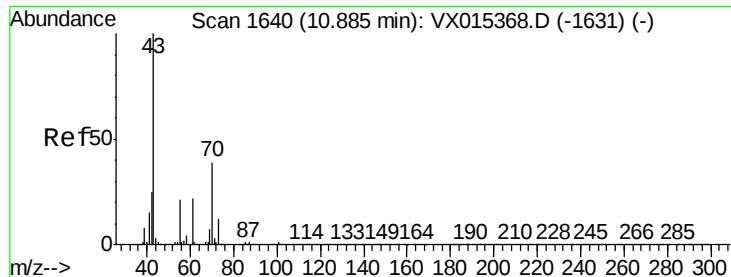
Delta R.T. -0.01 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

Tgt Ion:	105	Resp:	2465075
Ion Ratio	Lower	Upper	
105	100		
120	27.4	13.2	39.5





#74

N-amvl acetate

Concen: 39.663 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

Instrument :

MSVOA_X

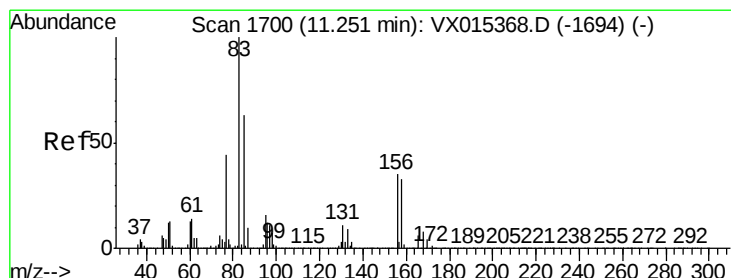
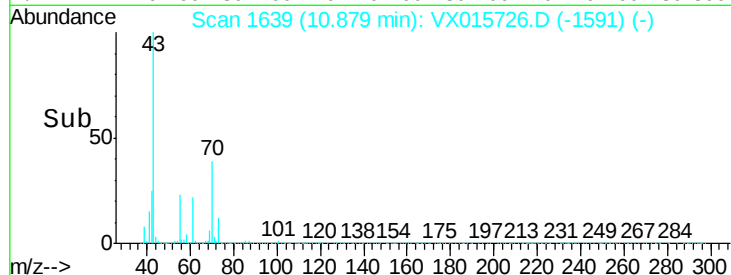
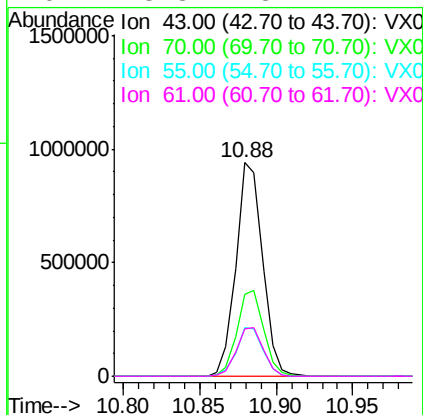
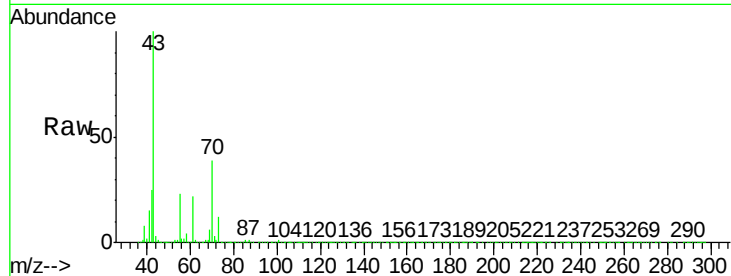
ClientSampleId :

SS042MW032-200413MS

Tot Ion	43	Resp	1133700
Ion	Ratio	Lower	Upper
43	100		
70	40.6	30.2	45.4
55	23.0	16.8	25.2
61	23.3	18.2	27.2

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#75

1,1,2,2-Tetrachloroethane

Concen: 45.367 ug/l

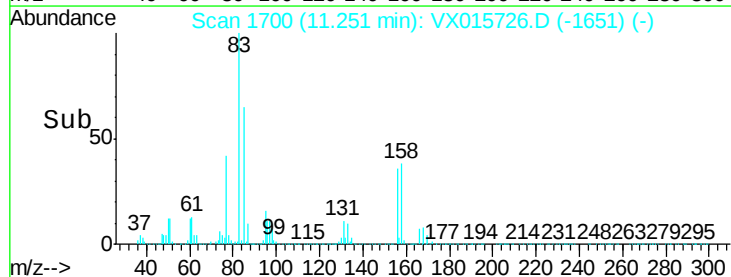
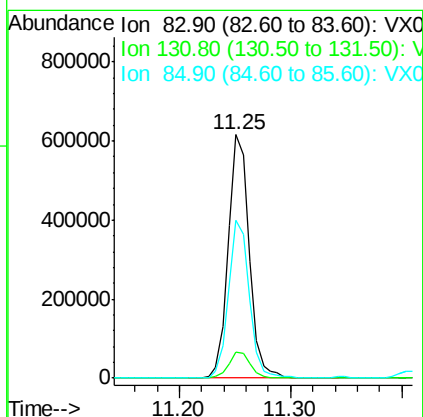
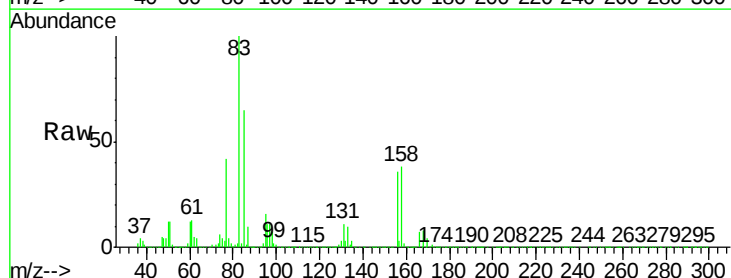
RT: 11.25 min Scan# 1700

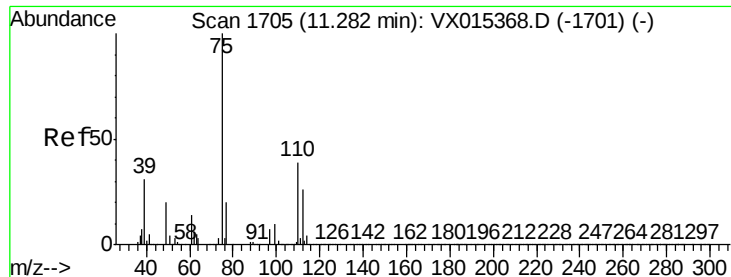
Delta R.T. 0.00 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

Tgt Ion	83	Resp	800024
Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.3	16.1
85	64.5	32.0	96.0





#76

1,2,3-Trichloropropane

Concen: 44.979 ug/l m

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MS

Tot Ion: 75 Resp: 725491

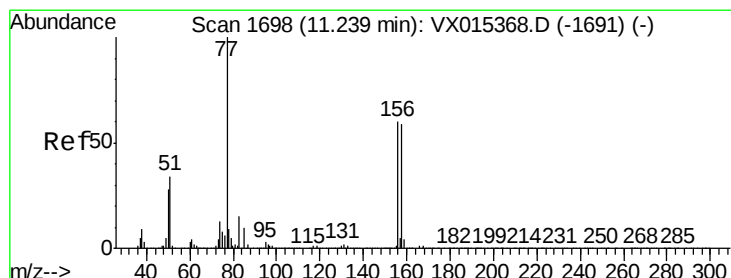
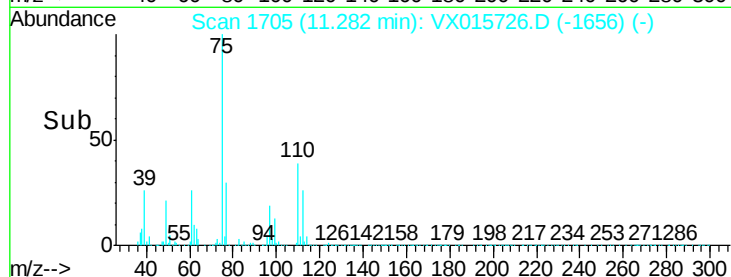
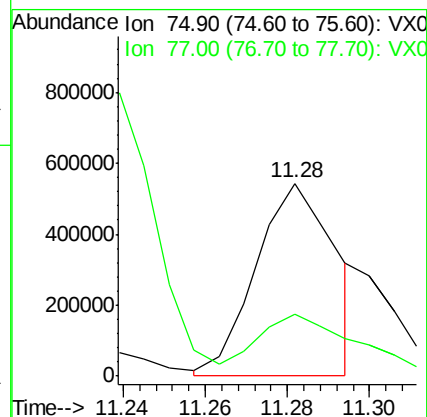
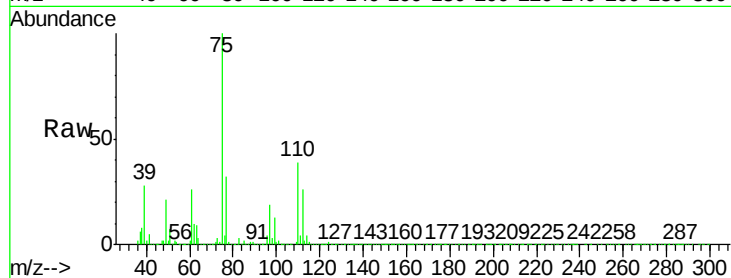
Ion Ratio Lower Upper

75 100

77 40.9 21.2 63.6

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#77

Bromobenzene

Concen: 49.853 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

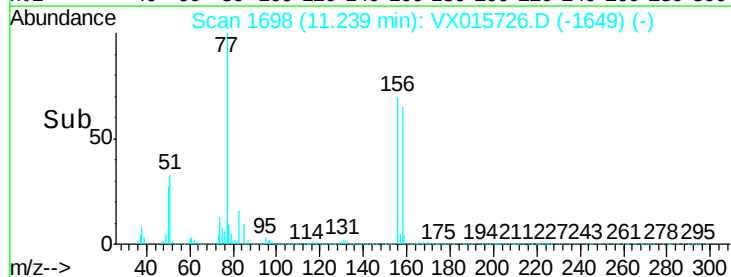
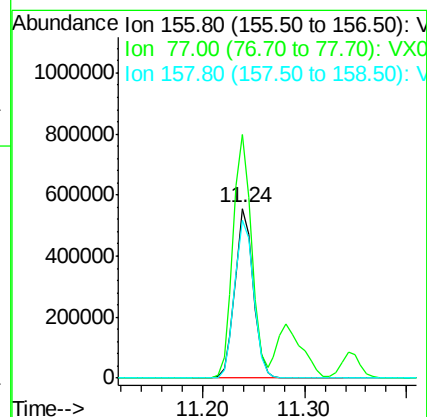
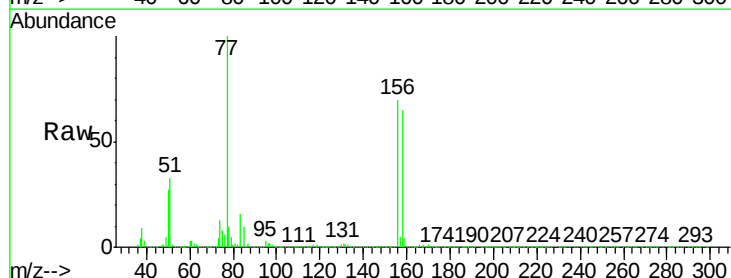
Tgt Ion: 156 Resp: 683397

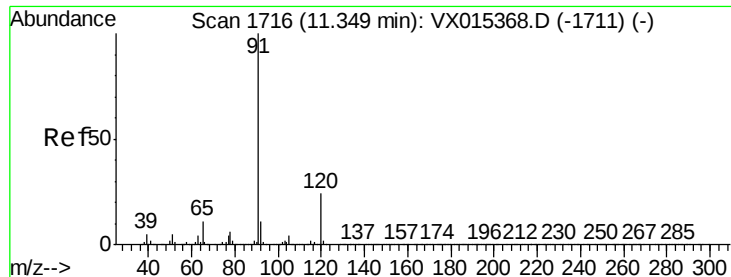
Ion Ratio Lower Upper

156 100

77 146.5 82.2 246.5

158 97.4 49.3 147.9





#78

n-propylbenzene

Concen: 46.350 ug/l

RT: 11.34 min Scan# 1715

Delta R.T. -0.01 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MS

Tot Ion: 91 Resp: 2723803

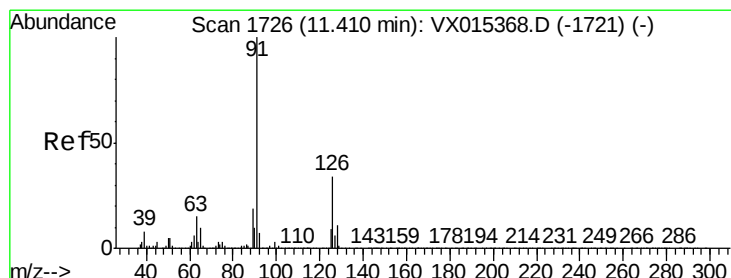
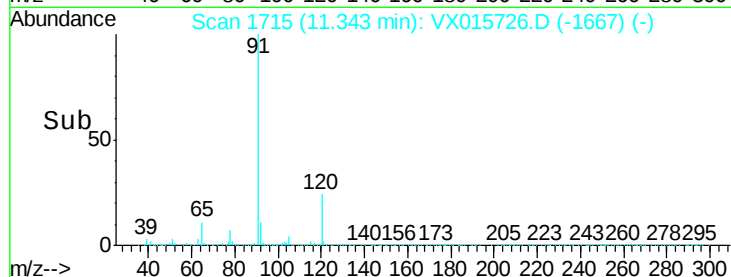
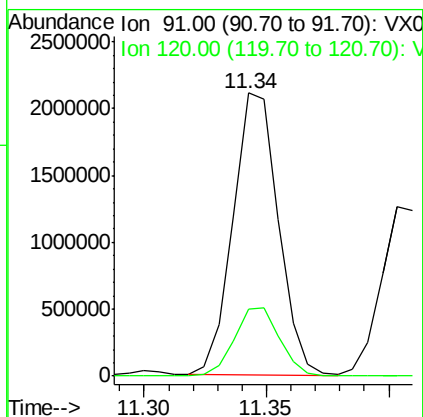
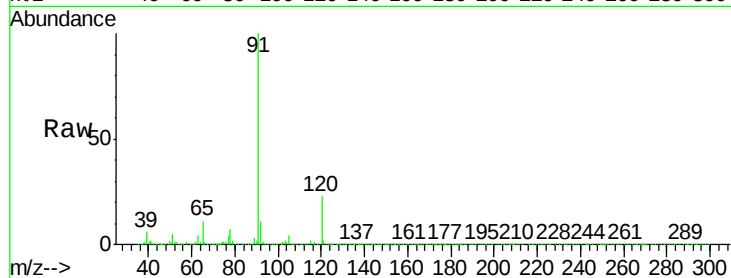
Ion Ratio Lower Upper

91 100

120 24.2 11.7 35.0

Manual Integrations
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MMDadoda
4/17/2020 11:55:09 AM



#79

2-Chlorotoluene

Concen: 46.140 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015726.D

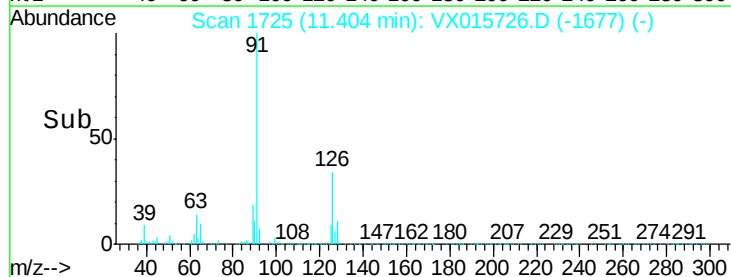
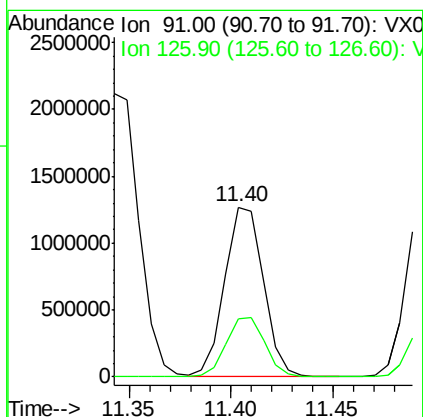
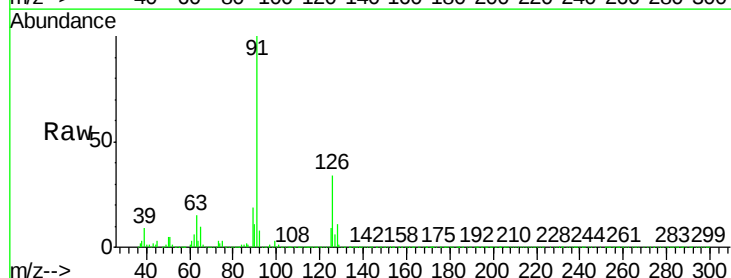
Acq: 16 Apr 2020 20:32

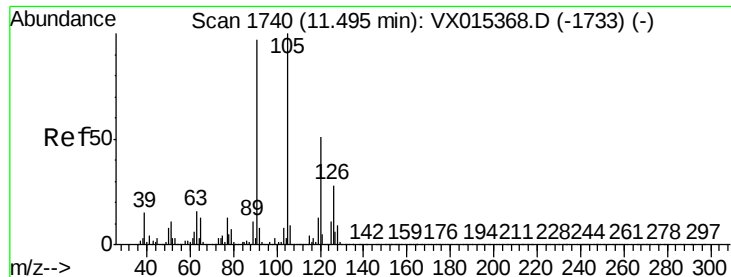
Tgt Ion: 91 Resp: 1661896

Ion Ratio Lower Upper

91 100

126 35.2 16.5 49.5





#80

1,3,5-Trimethylbenzene

Concen: 47.025 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MS

Tot Ion:105 Resp: 2063934

Ion Ratio Lower Upper

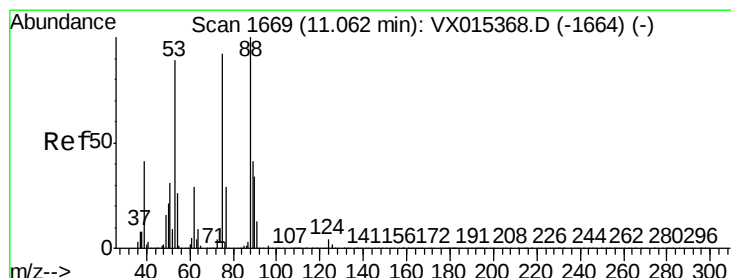
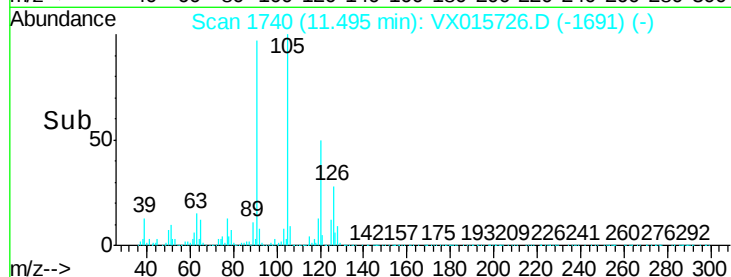
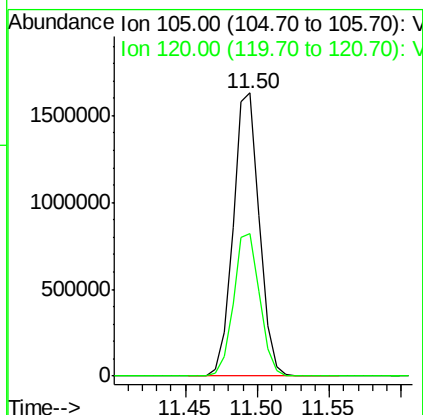
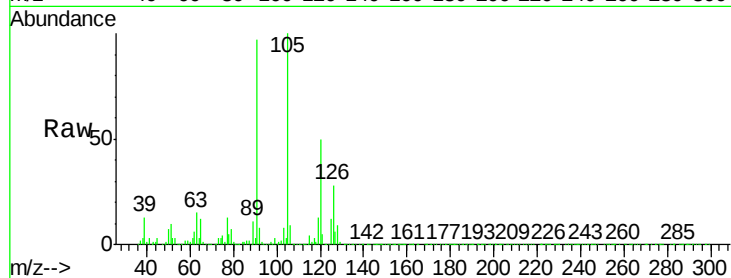
105 100

120 50.6 24.8 74.4

Manual Integrations
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MMDadoda

4/17/2020 11:55:09 AM



#81

trans-1,4-Dichloro-2-butene

Concen: 38.142 ug/l

RT: 11.06 min Scan# 1669

Delta R.T. 0.00 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

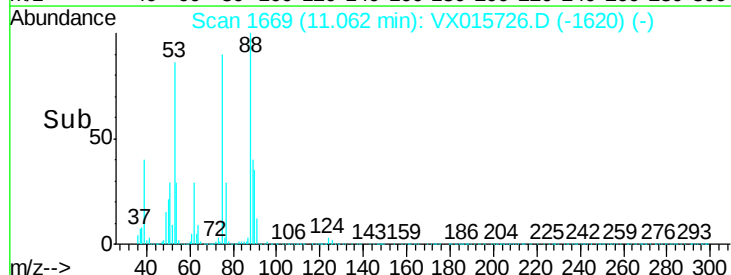
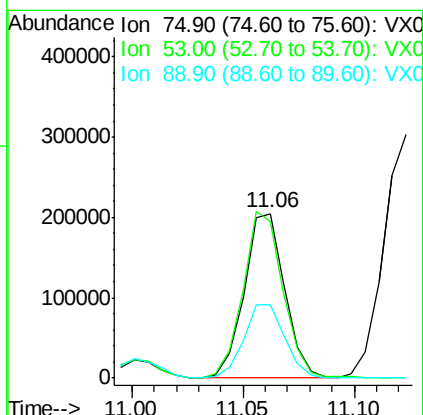
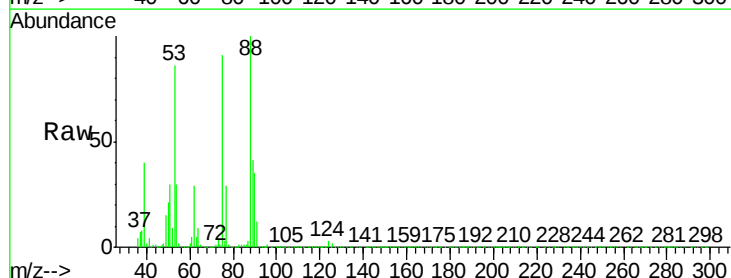
Tgt Ion: 75 Resp: 256398

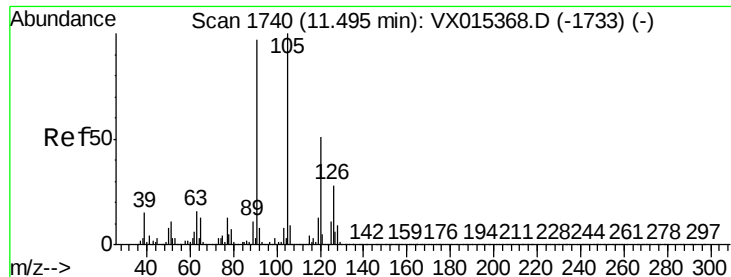
Ion Ratio Lower Upper

75 100

53 101.8 80.1 120.1

89 46.1 36.1 54.1





#82

4-Chlorotoluene

Concen: 46.305 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

Instrument :

MSVOA_X

ClientSampleId :

SS042MW032-200413MS

Tot Ion: 91 Resp: 1955244

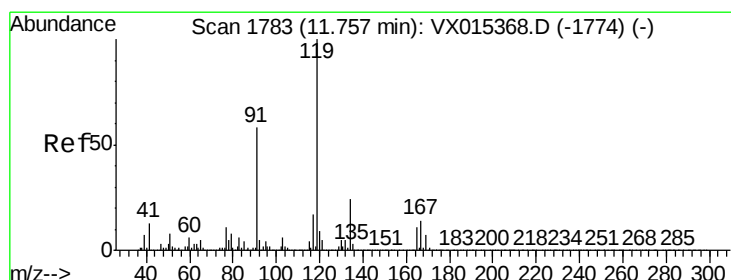
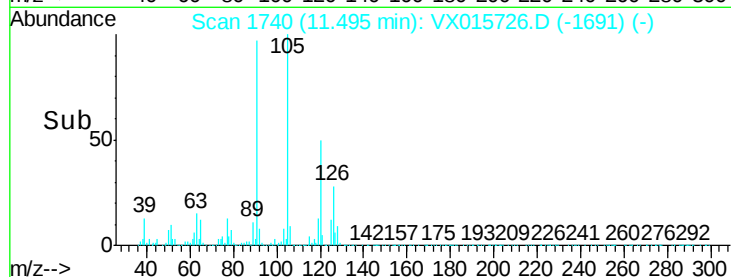
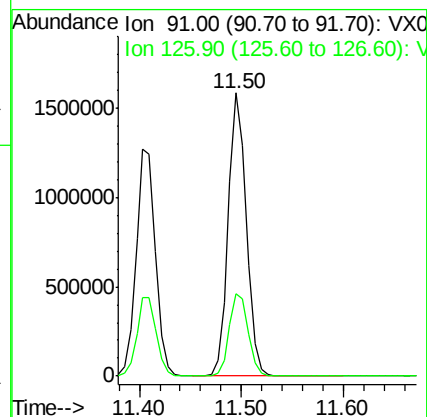
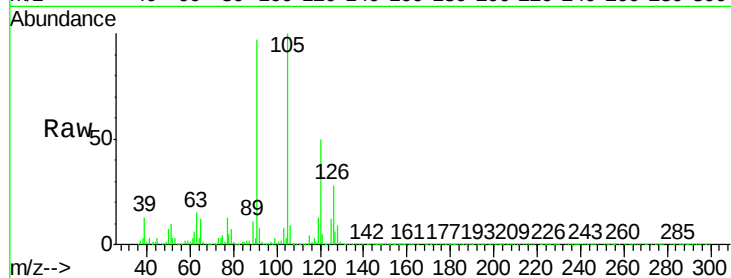
Ion Ratio Lower Upper

91 100

126 30.4 14.7 44.1

Manual Integrations
APPROVED

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#83

tert-Butylbenzene

Concen: 49.281 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

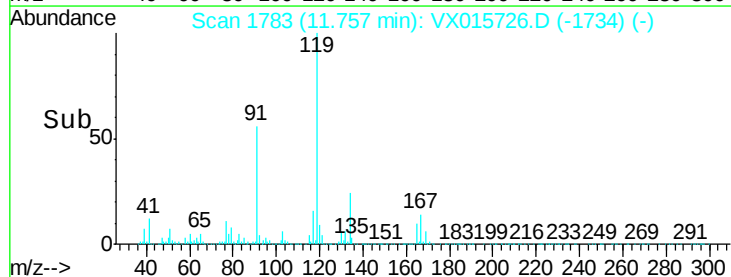
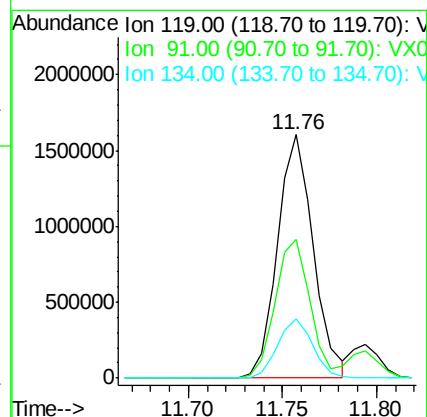
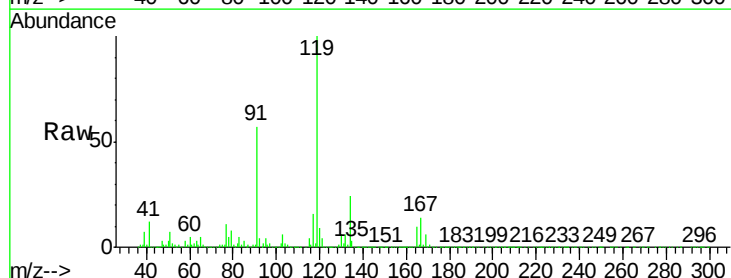
Tgt Ion: 119 Resp: 2112781

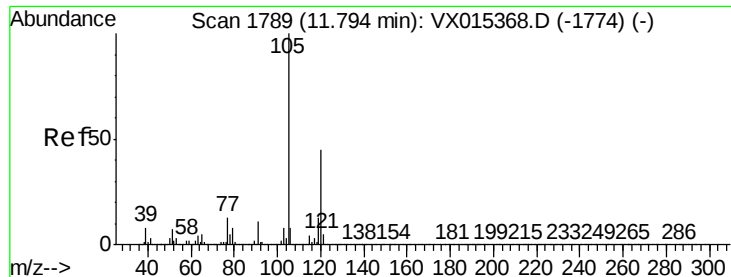
Ion Ratio Lower Upper

119 100

91 55.0 28.6 85.8

134 23.7 11.8 35.3





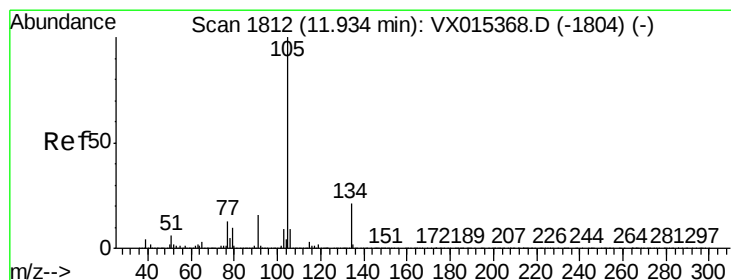
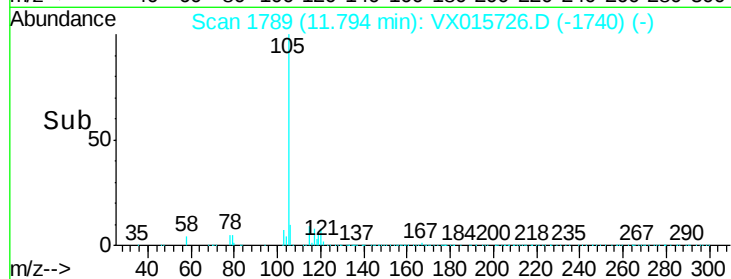
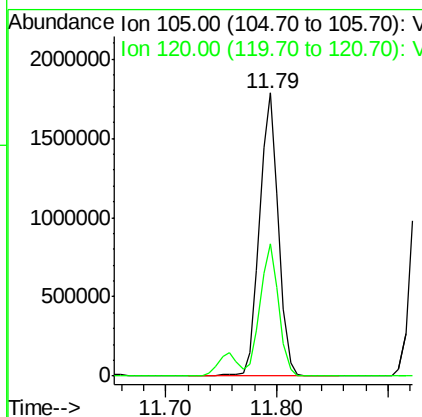
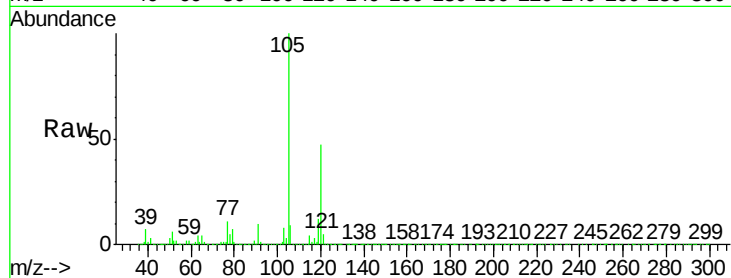
#84
 1,2,4-Trimethylbenzene
 Concen: 47.241 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX015726.D
 Acq: 16 Apr 2020 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW032-200413MS

Tot Ion:105 Resp: 2112939
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.7 68.1

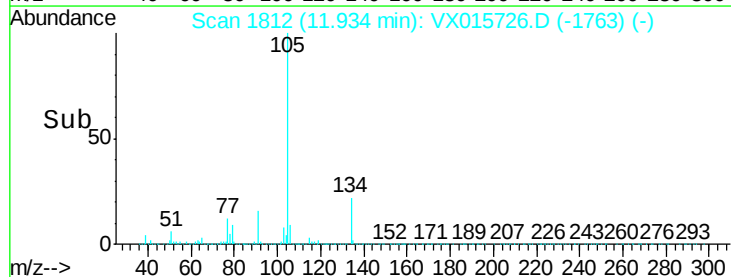
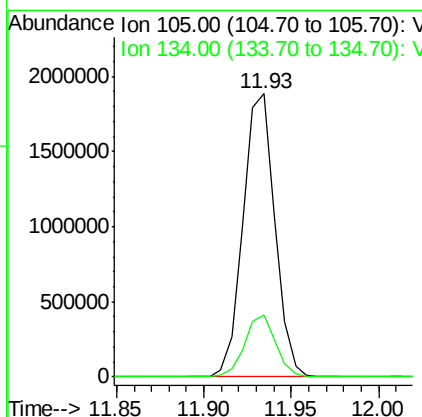
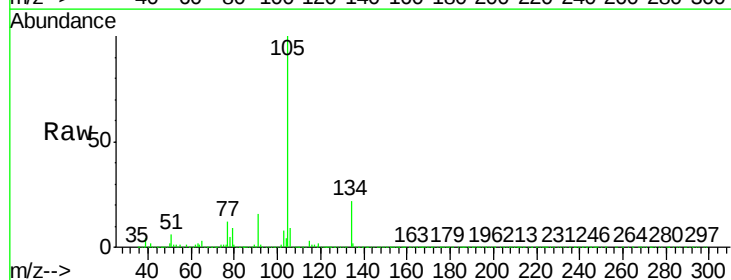
Manual Integrations
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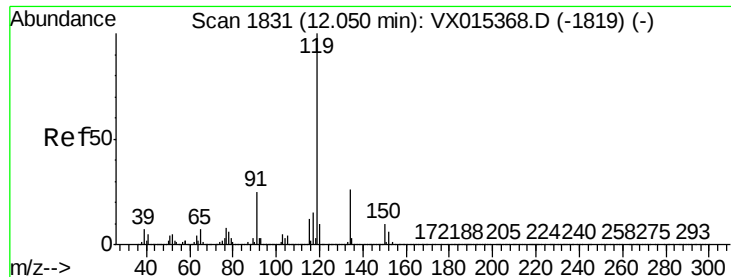
MMDadoda
 4/17/2020 11:55:09 AM



#85
 sec-Butylbenzene
 Concen: 48.038 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VX015726.D
 Acq: 16 Apr 2020 20:32

Tgt Ion:105 Resp: 2381856
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.4 31.1





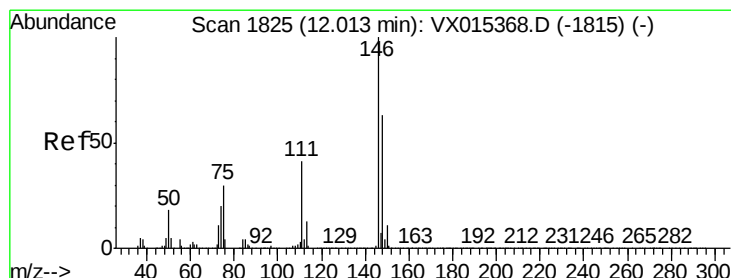
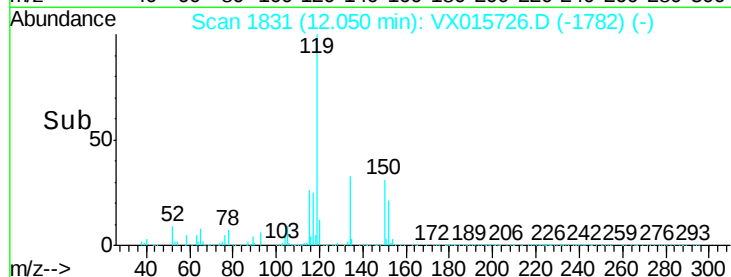
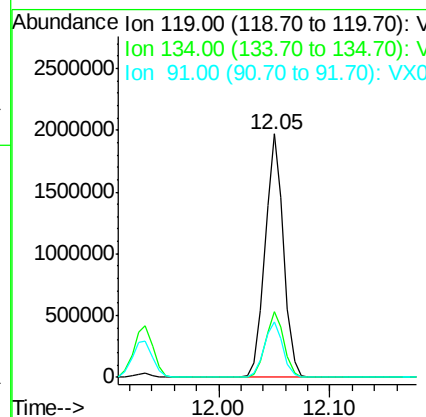
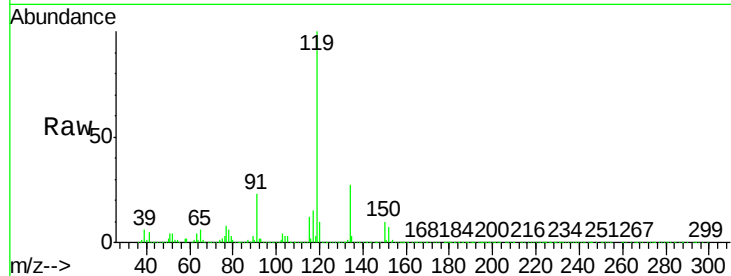
#86
p-Isopropyltoluene
Concen: 49.286 ug/l
RT: 12.05 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MS

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.1	39.3
91	22.9	12.4	37.4

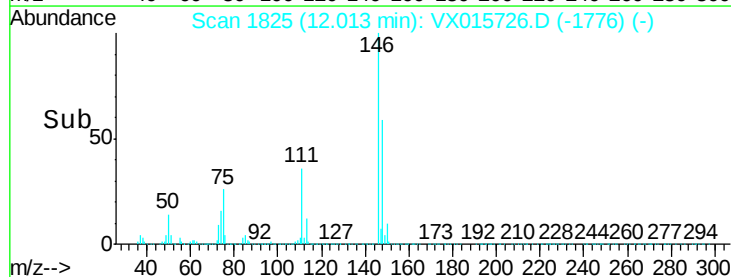
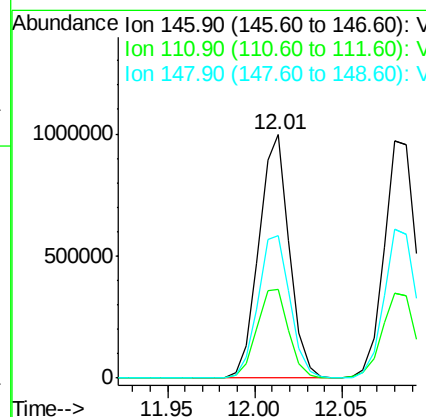
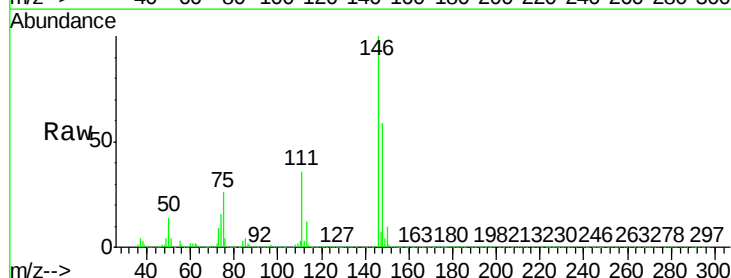
Manual Integrations
APPROVED

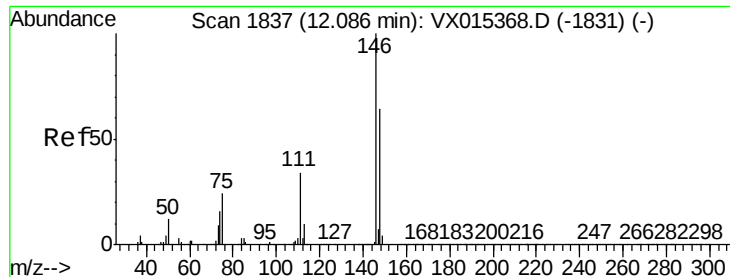
MMDadoda
4/17/2020 11:55:09 AM



#87
1,3-Dichlorobenzene
Concen: 49.525 ug/l
RT: 12.01 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	20.3	60.9
148	61.8	31.3	93.9





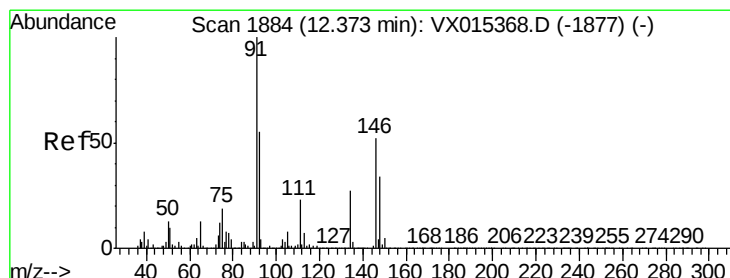
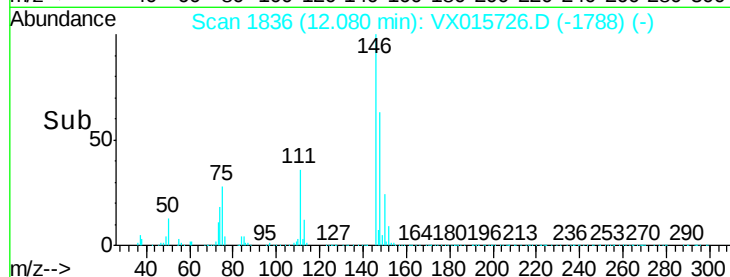
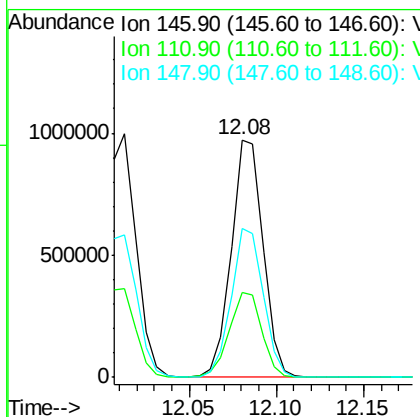
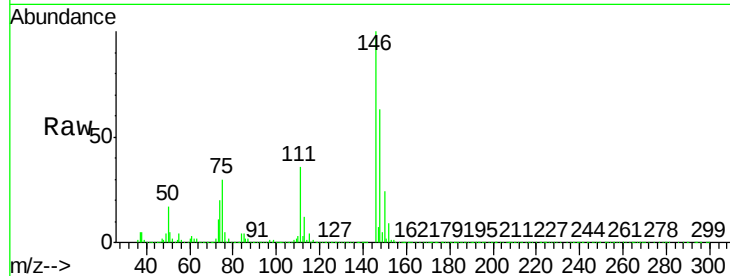
#88
 1,4-Dichlorobenzene
 Concen: 49.175 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015726.D
 Acq: 16 Apr 2020 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW032-200413MS

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	19.1	57.5
148	62.9	32.4	97.2

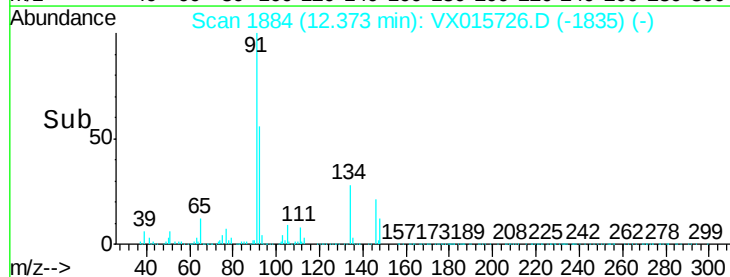
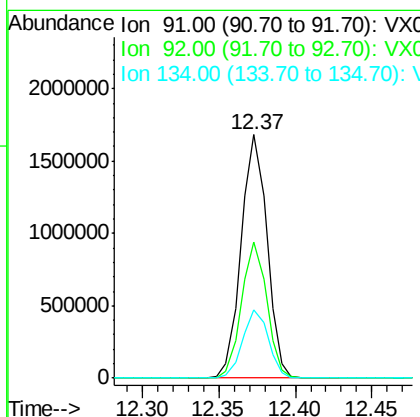
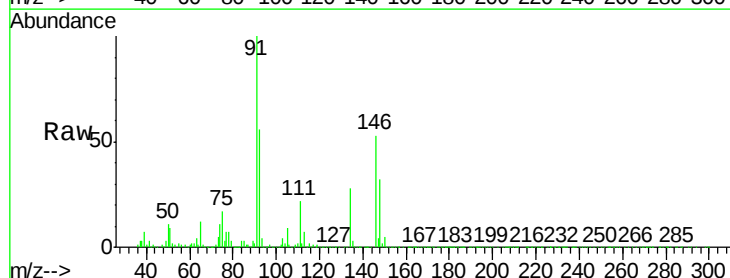
Manual Integrations
 APPROVED

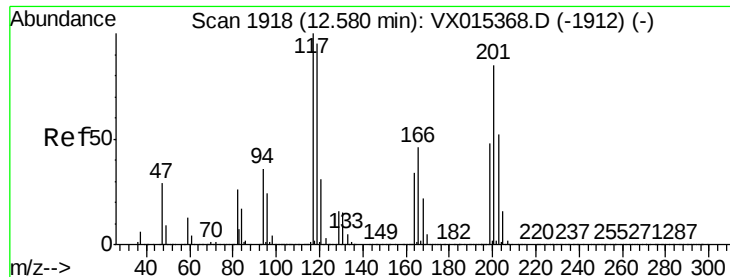
MMDadoda
 4/17/2020 11:55:09 AM



#89
 n-Butylbenzene
 Concen: 47.559 ug/l
 RT: 12.37 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VX015726.D
 Acq: 16 Apr 2020 20:32

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.2	81.5
134	27.9	13.4	40.2





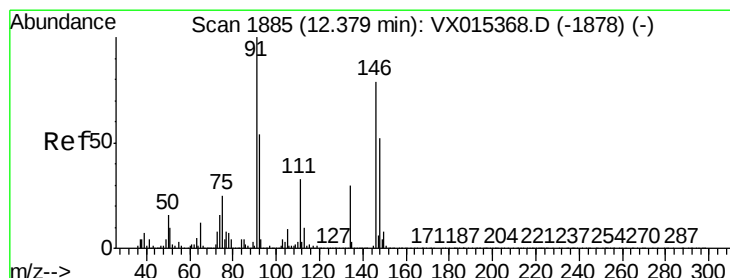
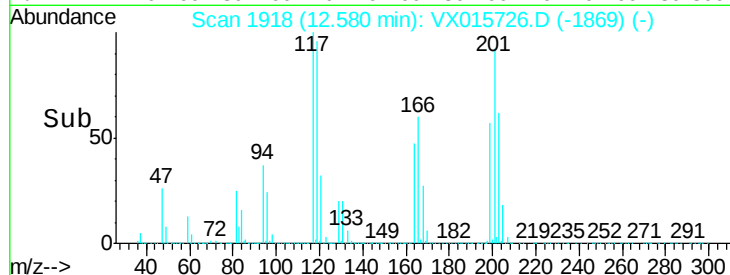
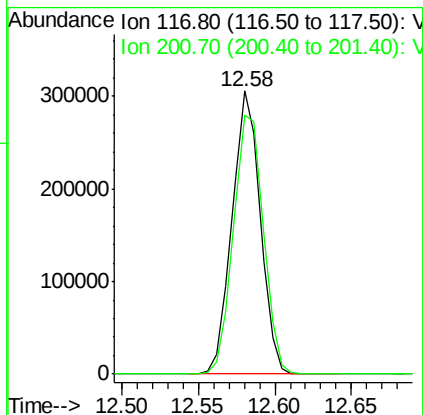
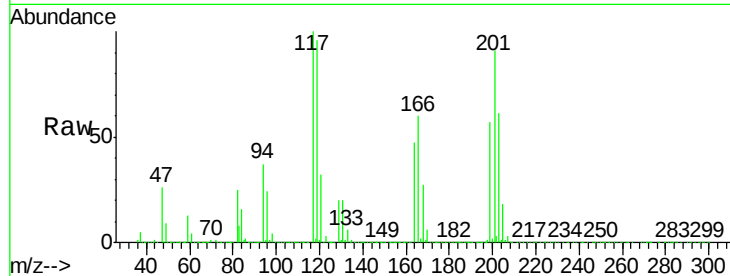
#90
Hexachloroethane
Concen: 43.472 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Instrument :
MSVOA_X
ClientSampleId :
SS042MW032-200413MS

Tot Ion:117 Resp: 389470
Ion Ratio Lower Upper
117 100
201 97.5 42.6 128.0

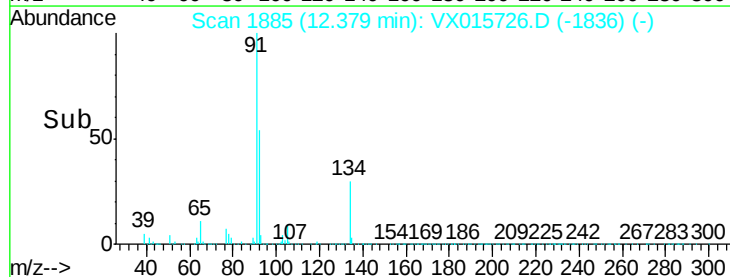
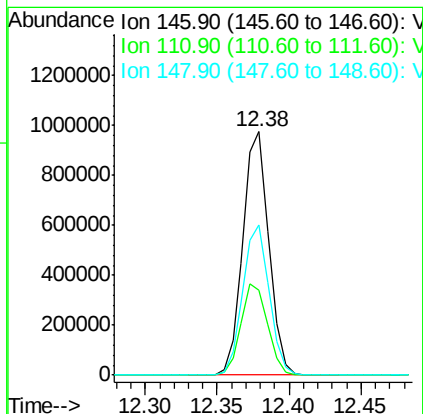
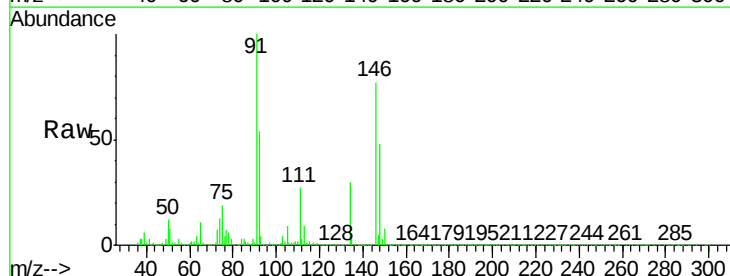
Manual Integrations
APPROVED

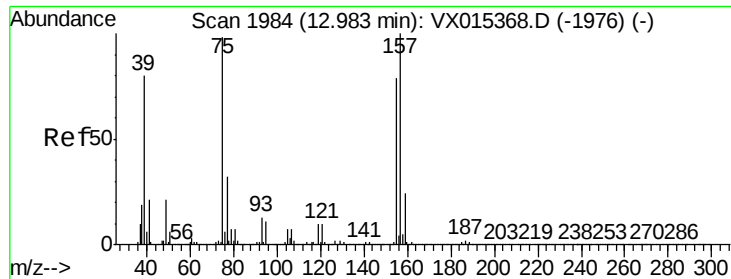
MMDadoda
4/17/2020 11:55:09 AM



#91
1,2-Dichlorobenzene
Concen: 50.481 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX015726.D
Acq: 16 Apr 2020 20:32

Tgt Ion:146 Resp: 1212350
Ion Ratio Lower Upper
146 100
111 38.7 21.0 63.0
148 62.9 32.4 97.0





#92

1,2-Dibromo-3-Chloropropane

Concen: 38.159 ug/l

RT: 12.98 min Scan# 1984

Delta R.T. 0.00 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

Instrument :

MSVOA_X

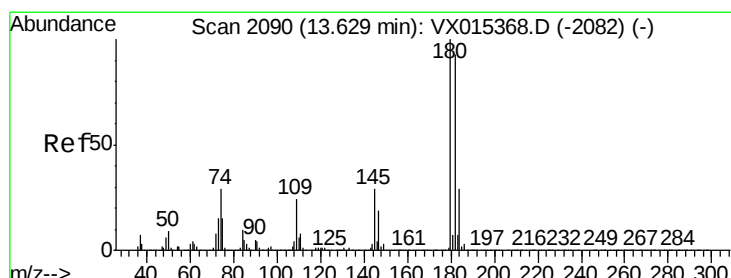
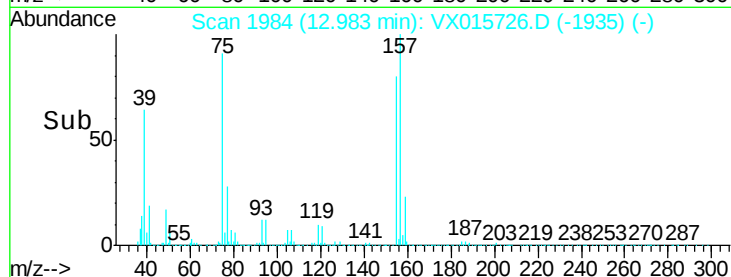
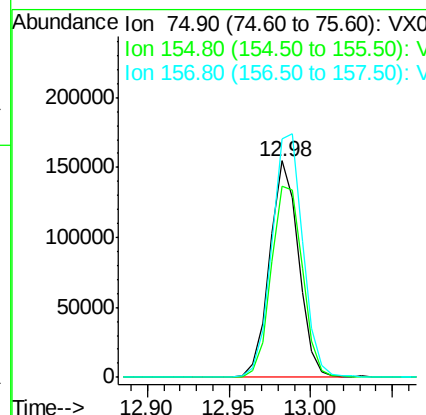
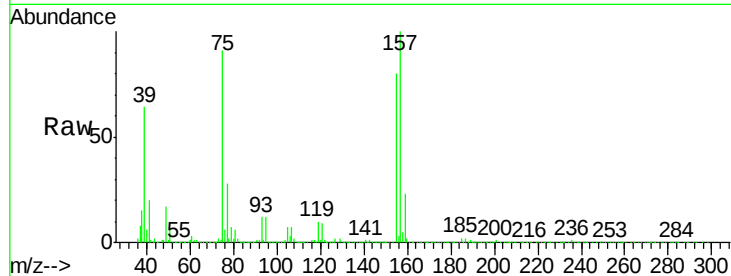
ClientSampleId :

SS042MW032-200413MS

Tot Ion:	75	Resp:	189928
Ion Ratio	Lower	Upper	
75	100		
155	95.5	42.8	128.4
157	120.6	53.4	160.3

Manual Integrations
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#93

1,2,4-Trichlorobenzene

Concen: 50.799 ug/l

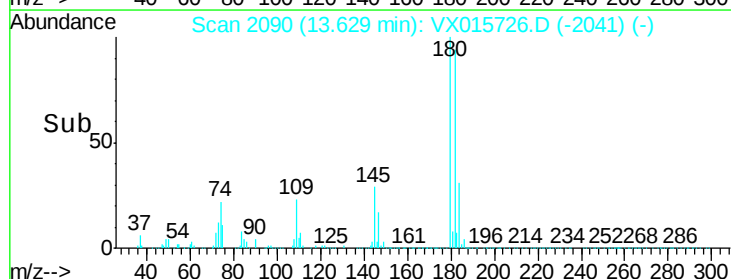
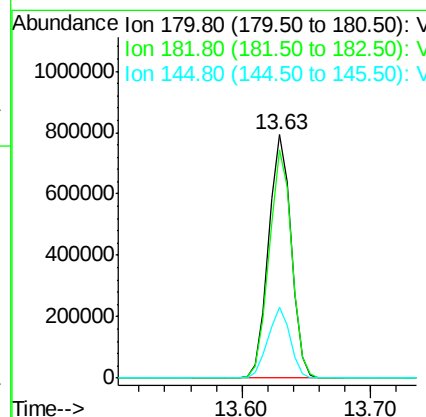
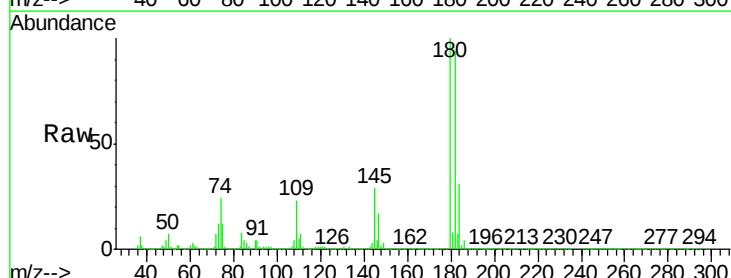
RT: 13.63 min Scan# 2090

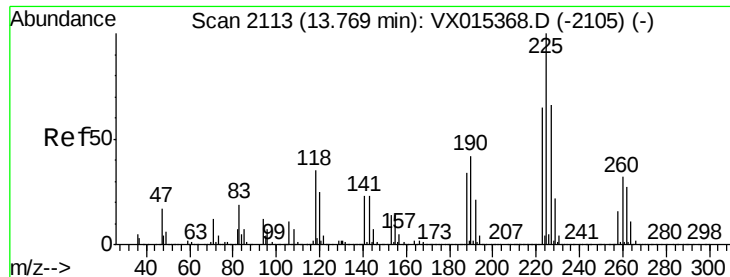
Delta R.T. 0.00 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

Tgt Ion:	180	Resp:	965020
Ion Ratio	Lower	Upper	
180	100		
182	93.6	46.9	140.7
145	28.7	14.9	44.5





#94

Hexachlorobutadiene

Concen: 49.656 ug/l

RT: 13.77 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

Instrument :

MSVOA_X

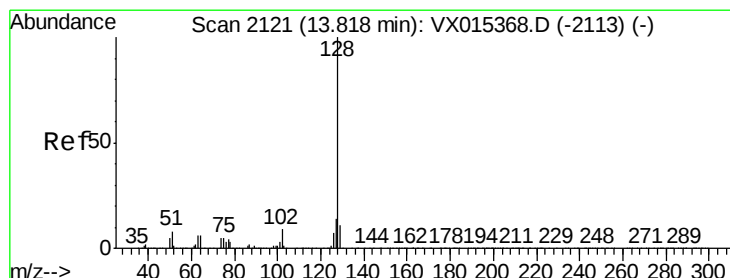
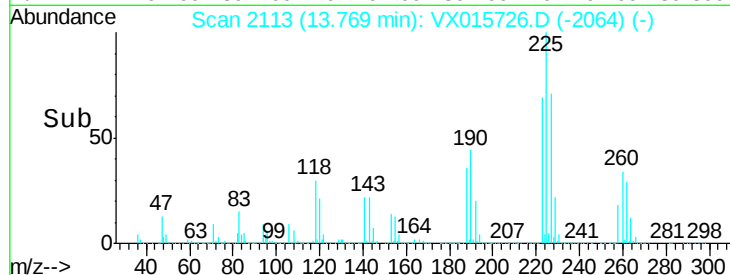
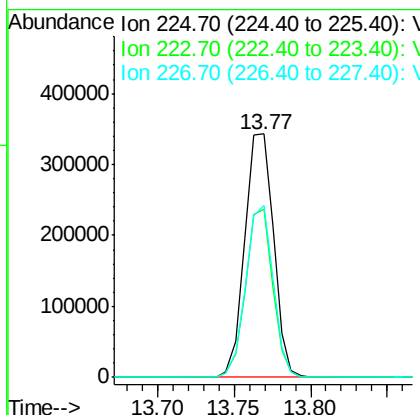
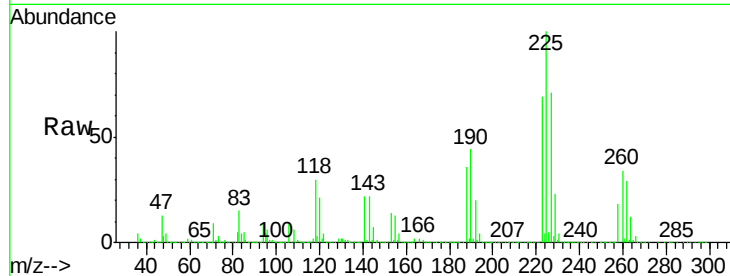
ClientSampleId :

SS042MW032-200413MS

Tot Ion:	225	Resp:	449116
Ion Ratio		Lower	Upper
225	100		
223	65.3	31.9	95.7
227	67.1	30.4	91.3

Manual Integrations
APPROVED

MMDadoda
4/17/2020 11:55:09 AM



#95

Naphthalene

Concen: 47.825 ug/l

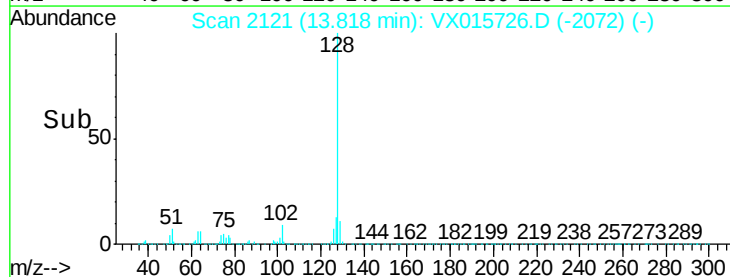
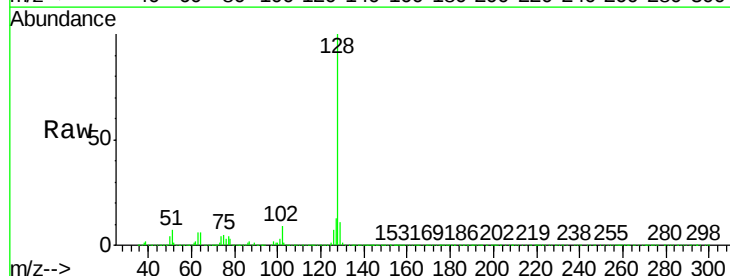
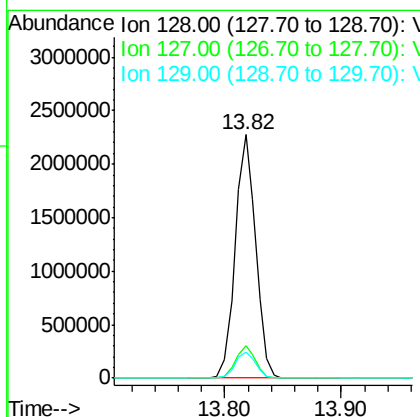
RT: 13.82 min Scan# 2121

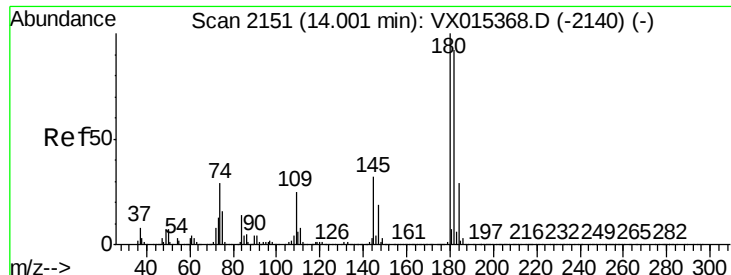
Delta R.T. 0.00 min

Lab File: VX015726.D

Acq: 16 Apr 2020 20:32

Tgt Ion:	128	Resp:	2771282
Ion Ratio		Lower	Upper
128	100		
127	13.1	10.6	15.8
129	10.9	8.8	13.2





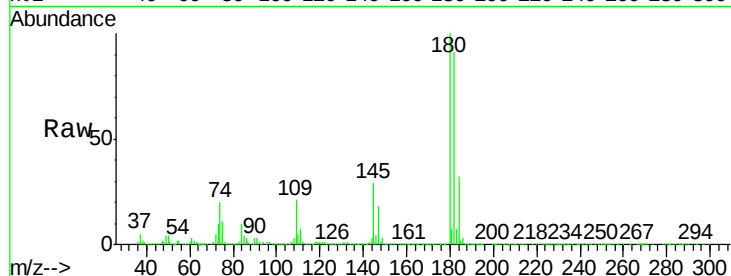
#96
 1,2,3-Trichlorobenzene
 Concen: 51.932 ug/l
 RT: 14.01 min Scan# 2152
 Delta R.T. 0.01 min
 Lab File: VX015726.D
 Acq: 16 Apr 2020 20:32

Instrument :
 MSVOA_X
 ClientSampleId :
 SS042MW032-200413MS

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.6	46.7	140.0
145	30.0	15.8	47.3

Manual Integrations
 APPROVED

MMDadoda
 4/17/2020 11:55:09 AM



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

