

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040820\
 Data File : VX015559.D
 Acq On : 08 Apr 2020 11:23
 Operator : JC/SP
 Sample : VX0408WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBS01

Manual Integrations
 APPROVED

apatel
 4/9/2020 9:54:42 AM

Quant Time: Apr 09 06:38:41 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	1133559	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1667209	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1567959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	834013	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	723492	45.25	ug/l	0.00
Spiked Amount			Recovery	=	90.50%	
35) Dibromofluoromethane	5.47	113	529566	49.69	ug/l	0.00
Spiked Amount			Recovery	=	99.38%	
50) Toluene-d8	8.70	98	1951083	49.73	ug/l	0.00
Spiked Amount			Recovery	=	99.46%	
62) 4-Bromofluorobenzene	11.12	95	788061	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	188697	18.895	ug/l	97
3) Chloromethane	1.31	50	213581	16.793	ug/l	99
4) Vinyl Chloride	1.39	62	209624	17.950	ug/l	99
5) Bromomethane	1.63	94	135475	20.374	ug/l	98
6) Chloroethane	1.71	64	136815	18.890	ug/l	97
7) Trichlorofluoromethane	1.92	101	309142	19.739	ug/l	97
8) Diethyl Ether	2.17	74	122660	18.569	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	202464	19.831	ug/l	98
10) Methyl Iodide	2.49	142	209811	15.242	ug/l	99
11) Tert butyl alcohol	3.01	59	308892	80.720	ug/l	100
12) 1,1-Dichloroethene	2.36	96	196362	18.348	ug/l	100
13) Acrolein	2.27	56	217583	99.815	ug/l	98
14) Allyl chloride	2.70	41	437578	17.499	ug/l	97
15) Acrylonitrile	3.11	53	615733	84.372	ug/l	99
16) Acetone	2.42	43	606635	88.319	ug/l	98
17) Carbon Disulfide	2.55	76	549332	16.826	ug/l	99
18) Methyl Acetate	2.75	43	302166	17.236	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	739036	17.805	ug/l	98
20) Methylene Chloride	2.83	84	223247	17.401	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	211590	17.815	ug/l	99
22) Diisopropyl ether	3.83	45	814217	18.375	ug/l	93
23) Vinyl Acetate	3.78	43	3613564	90.071	ug/l	99
24) 1,1-Dichloroethane	3.67	63	412713	17.690	ug/l	98
25) 2-Butanone	4.64	43	924790	83.720	ug/l	97
26) 2,2-Dichloropropane	4.55	77	382068	19.952	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	241591	17.581	ug/l	96
28) Bromochloromethane	4.98	49	191386	17.182	ug/l	99
29) Tetrahydrofuran	5.09	42	581376	81.869	ug/l	99
30) Chloroform	5.17	83	408336	18.192	ug/l	99
31) Cyclohexane	5.55	56	379567	18.754	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	373018	18.363	ug/l	98
36) 1,1-Dichloropropene	5.77	75	312442	20.339	ug/l	99
37) Ethyl Acetate	4.80	43	357848	17.891	ug/l	99
38) Carbon Tetrachloride	5.75	117	332427	19.980	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	375154	21.181	ug/l	98
40) Benzene	6.11	78	879935	19.555	ug/l	98
41) Methacrylonitrile	5.00	41	206062	18.559	ug/l	99
42) 1,2-Dichloroethane	6.17	62	354644	19.621	ug/l	99
43) Isopropyl Acetate	6.41	43	612692	18.146	ug/l	100
44) Trichloroethene	7.19	130	245397	19.996	ug/l	97
45) 1,2-Dichloropropane	7.49	63	234286	19.033	ug/l	96
46) Dibromomethane	7.64	93	154040	19.077	ug/l	97
47) Bromodichloromethane	7.87	83	334686	19.452	ug/l	97
48) Methyl methacrylate	7.75	41	308595	18.298	ug/l	99
49) 1,4-Dioxane	7.72	88	115521	367.175	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1803799	94.265	ug/l	99
52) Toluene	8.76	92	555270	20.015	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	370151	18.343	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	398367	19.380	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	222516	19.577	ug/l	99
56) Ethyl methacrylate	9.16	69	370753	18.509	ug/l	99
57) 1,3-Dichloropropane	9.36	76	387796	18.937	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	929385	95.386	ug/l	100
59) 2-Hexanone	9.47	43	1365790	94.540	ug/l	99
60) Dibromochloromethane	9.56	129	258107	18.898	ug/l	97
61) 1,2-Dibromoethane	9.65	107	236377	19.126	ug/l	97
64) Tetrachloroethene	9.32	164	239789	20.264	ug/l	96
65) Chlorobenzene	10.12	112	614319	19.646	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	238797	19.115	ug/l	99
67) Ethyl Benzene	10.24	91	1093406	19.715	ug/l	99
68) m/p-Xylenes	10.34	106	821720	39.790	ug/l	100
69) o-Xylene	10.68	106	399306	19.567	ug/l	98
70) Styrene	10.70	104	687556	19.147	ug/l	99
71) Bromoform	10.84	173	206507	18.159	ug/l #	100
73) Isopropylbenzene	11.01	105	1073595	19.646	ug/l	99
74) N-amyl acetate	10.89	43	534181	17.576	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	339700	18.116	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	320321m	18.677	ug/l	
77) Bromobenzene	11.24	156	281741	19.329	ug/l	97
78) n-propylbenzene	11.35	91	1233763	19.745	ug/l	100
79) 2-Chlorotoluene	11.40	91	751192	19.614	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	920517	19.724	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	118753	16.614	ug/l	96
82) 4-Chlorotoluene	11.50	91	880609	19.613	ug/l	99
83) tert-Butylbenzene	11.76	119	921166	20.207	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	953224	20.043	ug/l	100
85) sec-Butylbenzene	11.93	105	1079701	20.479	ug/l	98
86) p-Isopropyltoluene	12.05	119	1014213	20.722	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	510505	19.564	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	517927	19.486	ug/l	98
89) n-Butylbenzene	12.37	91	901791	20.389	ug/l	100
90) Hexachloroethane	12.59	117	179318	18.823	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	502015	19.658	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	83941	15.861	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	380007	18.813	ug/l	97
94) Hexachlorobutadiene	13.77	225	185993	19.340	ug/l	97
95) Naphthalene	13.82	128	1130237	18.343	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	380676	19.574	ug/l	96

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

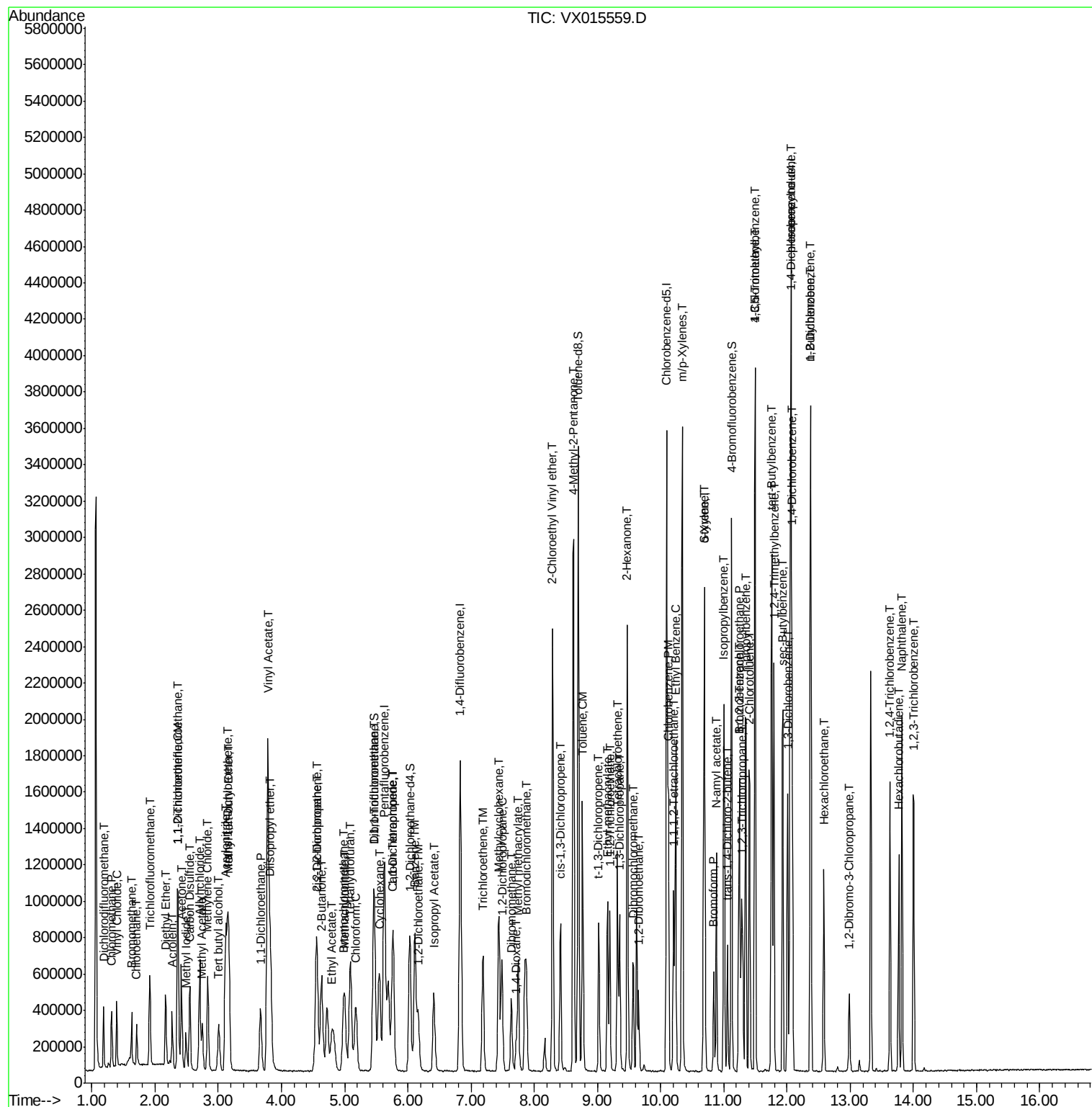
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Data File : VX015559.D
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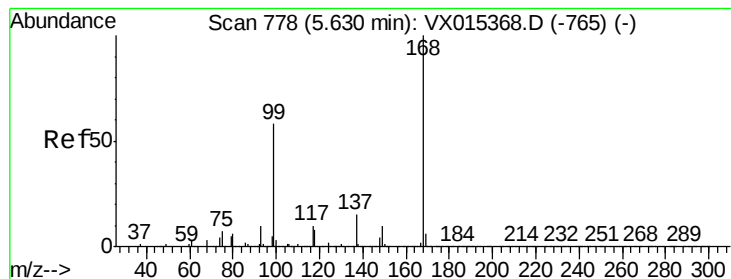
Instrument :
MSVOA_X
ClientSampleID :
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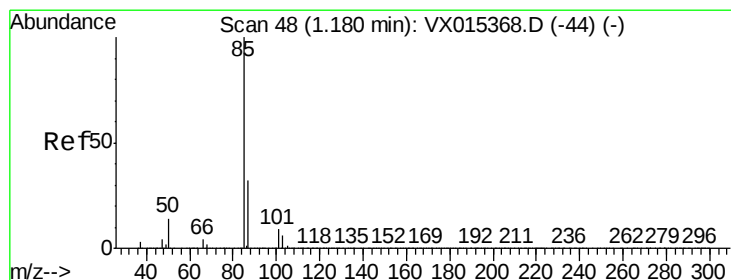
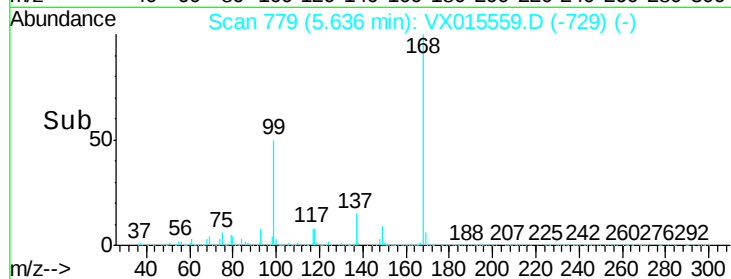
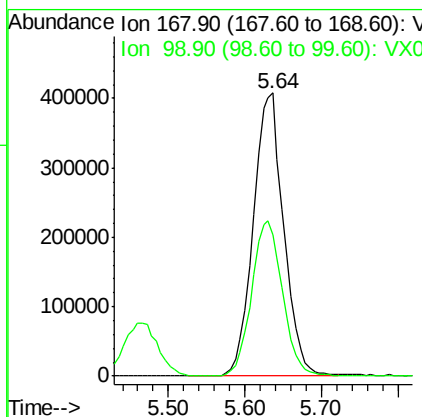
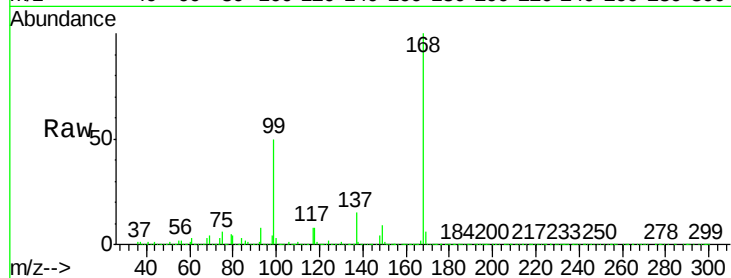
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.64 min Scan# 779
Delta R.T. 0.01 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Instrument :
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ClientSampleId :
VX0408WBS01

Tot Ion:168 Resp: 1133559
Ion Ratio Lower Upper
168 100
99 49.7 46.4 69.6

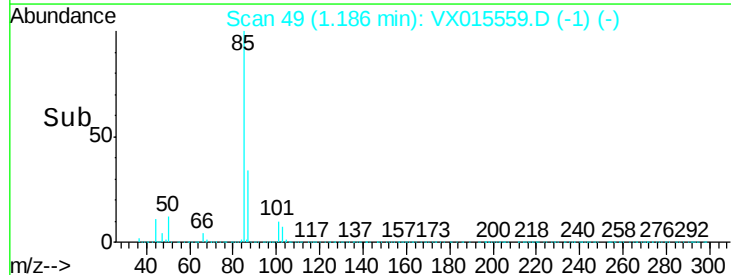
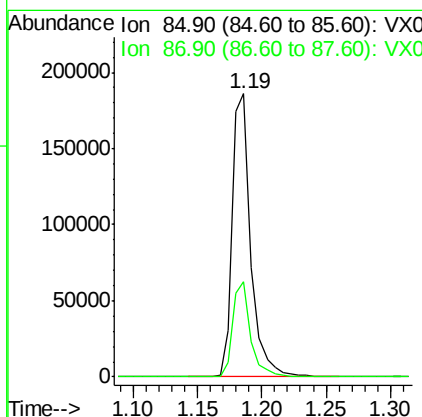
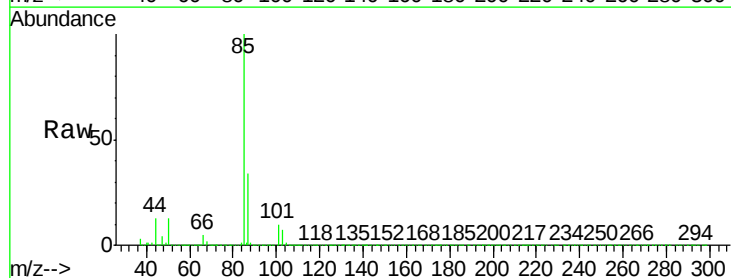
Manual Integrations
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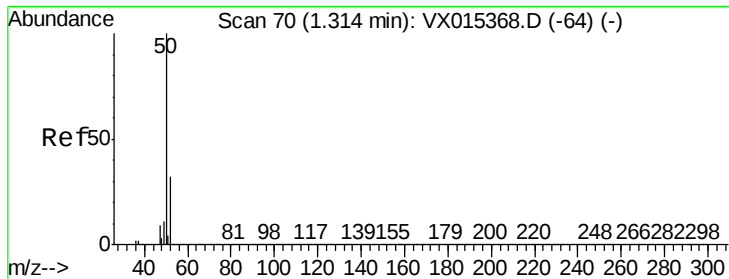
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#2
Dichlorodifluoromethane
Concen: 18.895 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.01 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Tgt Ion: 85 Resp: 188697
Ion Ratio Lower Upper
85 100
87 33.7 16.0 47.9





#3

Chloromethane

Concen: 16.793 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015559.D

Acq: 08 Apr 2020 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0408WBS01

Tot Ion: 50 Resp: 213581

Ion Ratio Lower Upper

50 100

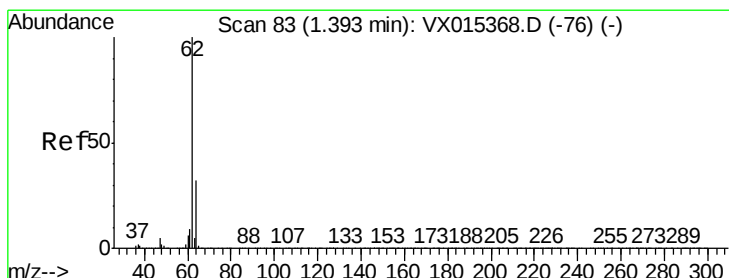
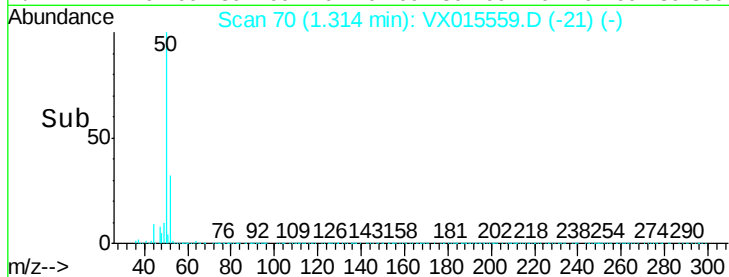
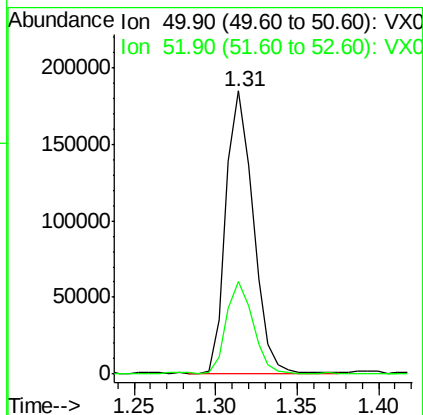
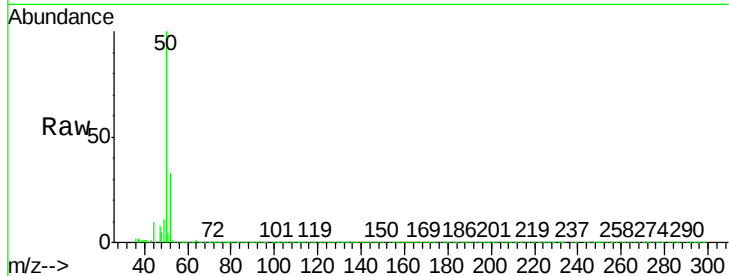
52 32.3 25.3 37.9

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#4

Vinyl Chloride

Concen: 17.950 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015559.D

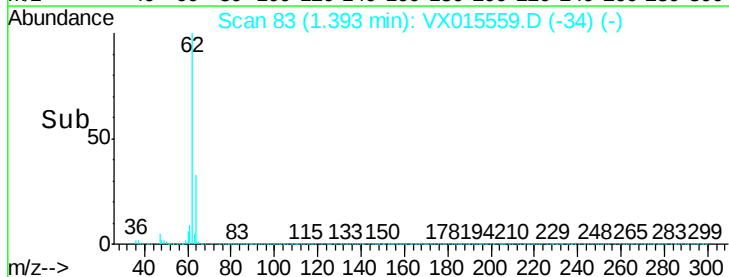
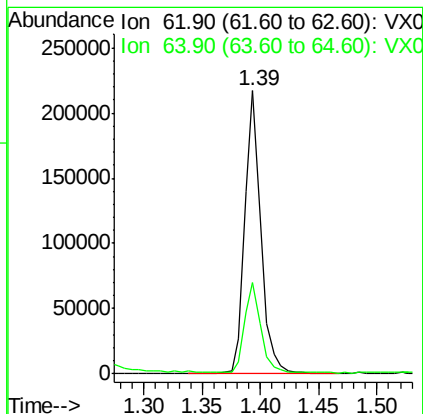
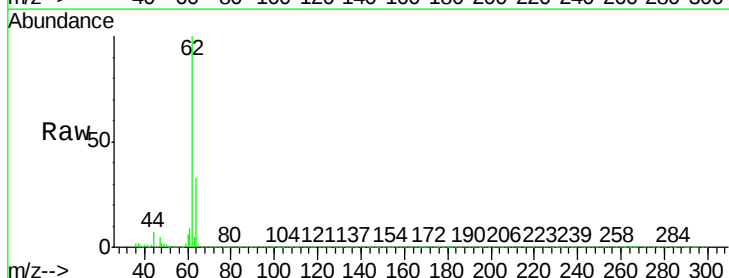
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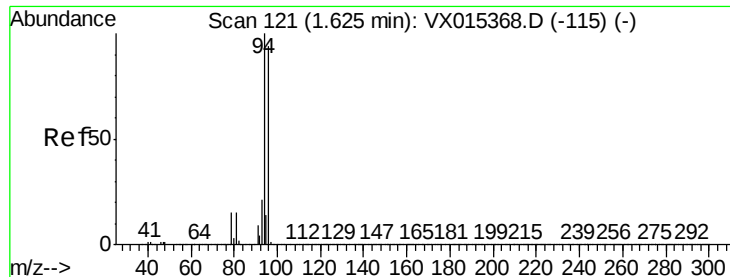
Tgt Ion: 62 Resp: 209624

Ion Ratio Lower Upper

62 100

64 32.2 26.0 39.0





#5

Bromomethane

Concen: 20.374 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015559.D

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Tot Ion: 94 Resp: 135475

Ion Ratio Lower Upper

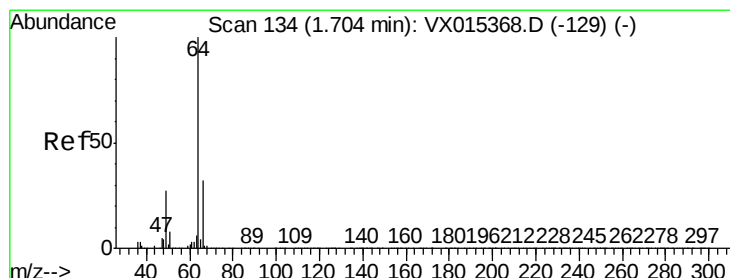
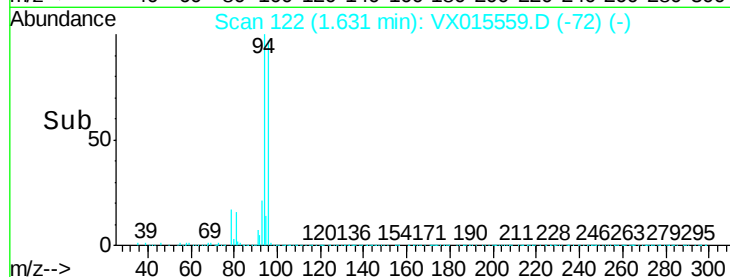
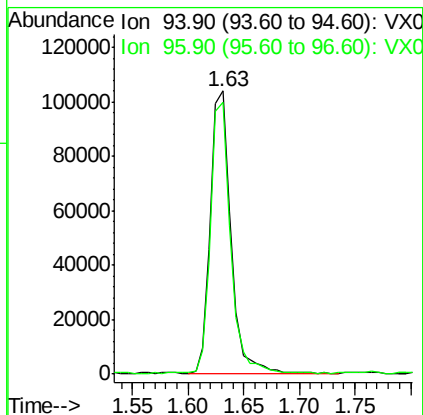
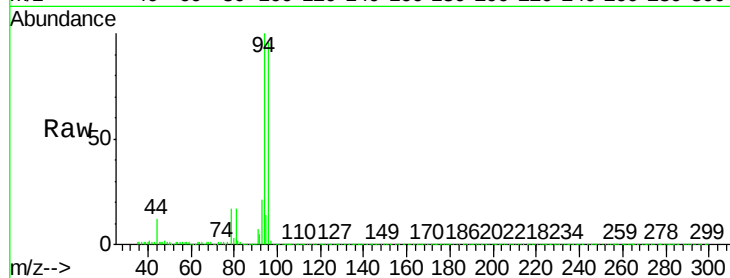
94 100

96 95.5 74.8 112.2

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#6

Chloroethane

Concen: 18.890 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015559.D

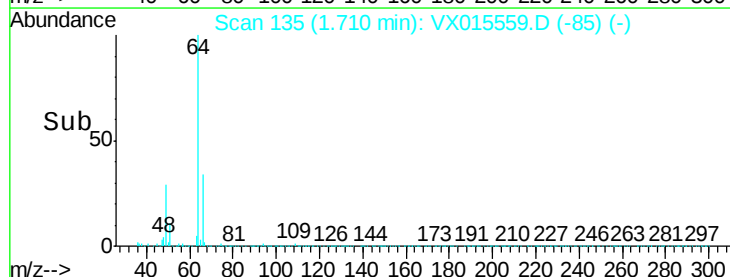
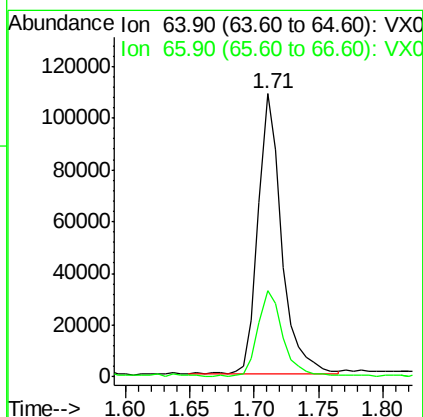
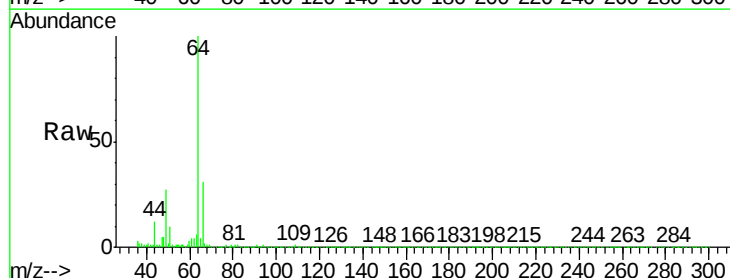
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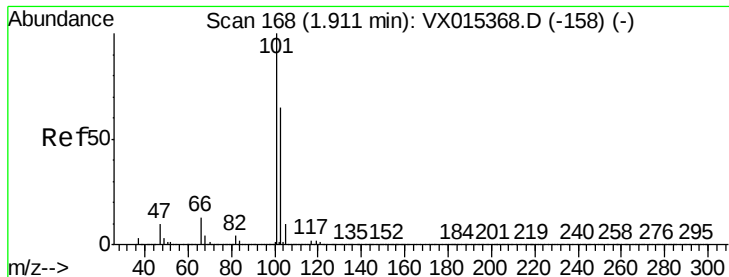
Tgt Ion: 64 Resp: 136815

Ion Ratio Lower Upper

64 100

66 30.3 25.4 38.2





#7

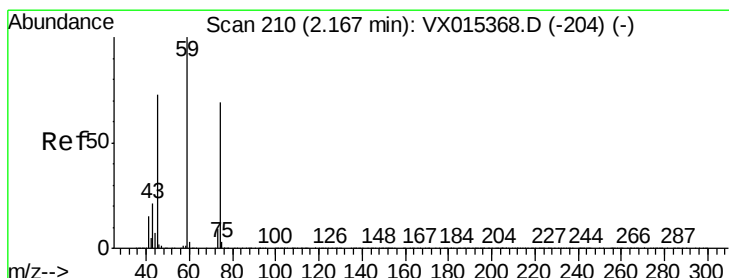
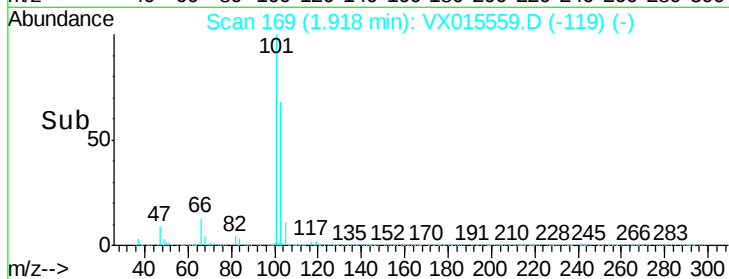
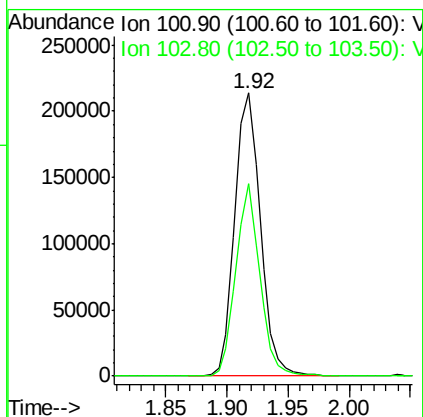
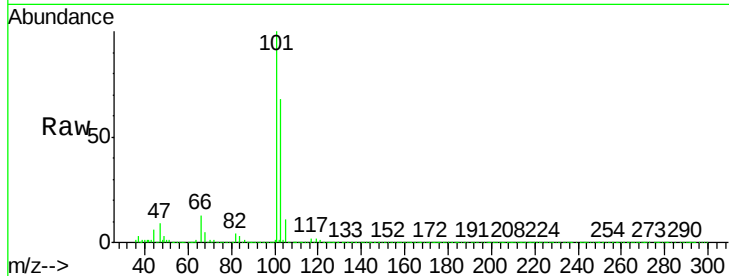
Trichlorofluoromethane
Concen: 19.739 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

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Tot Ion	Ratio	Lower	Upper
101	100		
103	68.0	52.3	78.5

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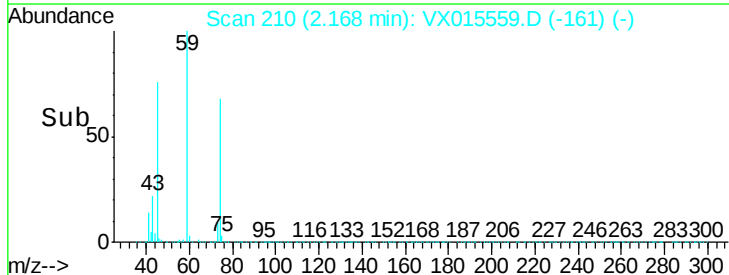
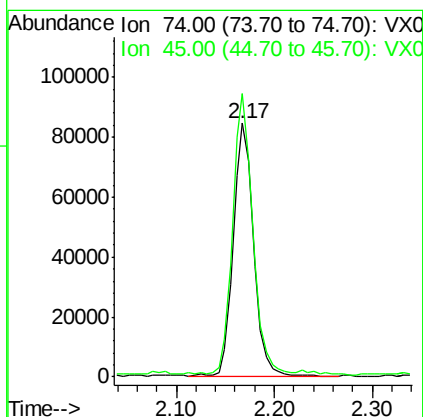
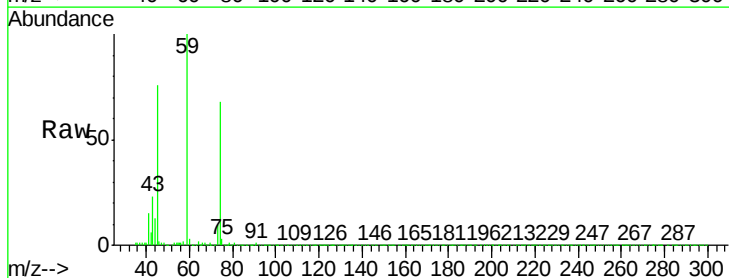
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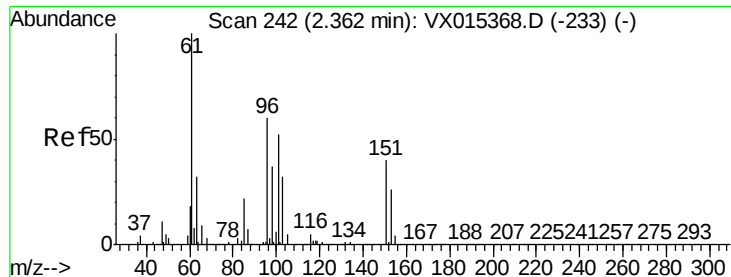


#8

Diethyl Ether
Concen: 18.569 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	107.3	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.831 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX015559.D

Acq: 08 Apr 2020 11:23

Instrument :

MSVOA_X

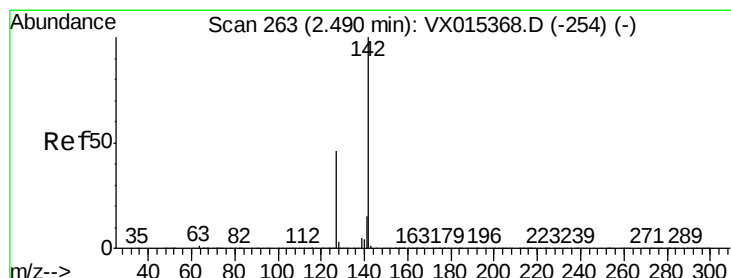
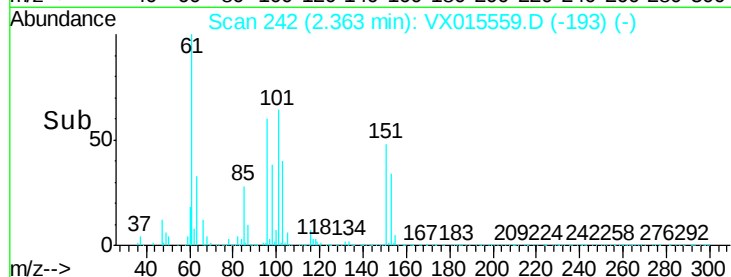
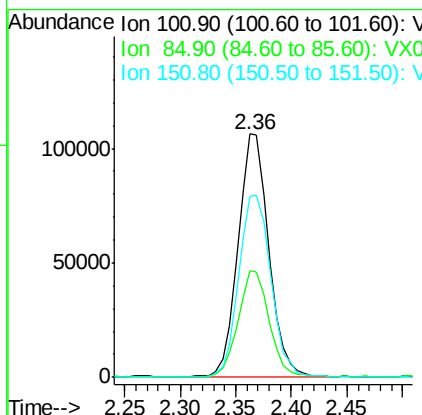
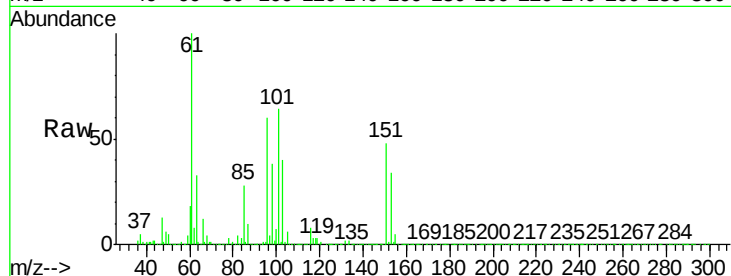
ClientSampleId :

VX0408WBS01

Tot Ion	Ratio	Resp	Lower	Upper
101	100	202464		
85	45.2	35.0	52.4	
151	79.1	64.1	96.1	

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#10

Methyl Iodide

Concen: 15.242 ug/l

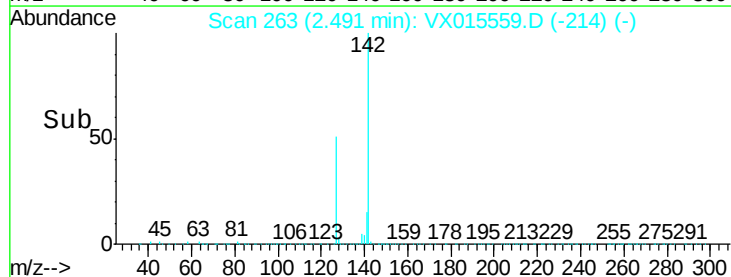
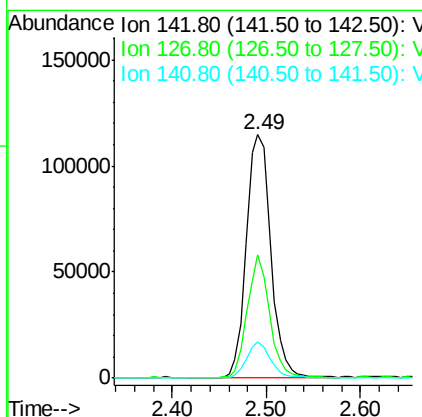
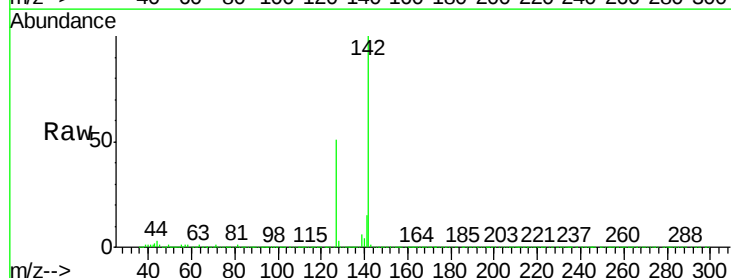
RT: 2.49 min Scan# 263

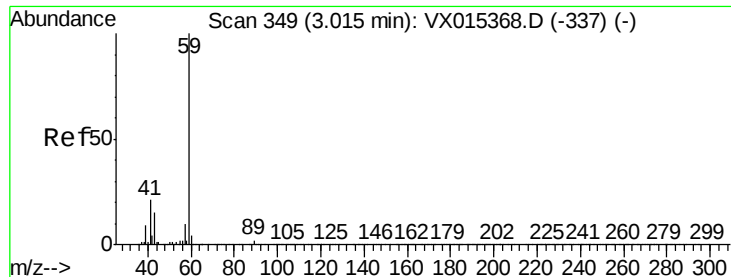
Delta R.T. 0.00 min

Lab File: VX015559.D

Acq: 08 Apr 2020 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	209811		
127	45.5	35.9	53.9	
141	14.6	11.6	17.4	





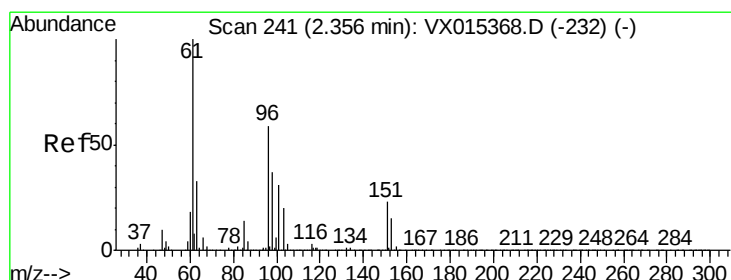
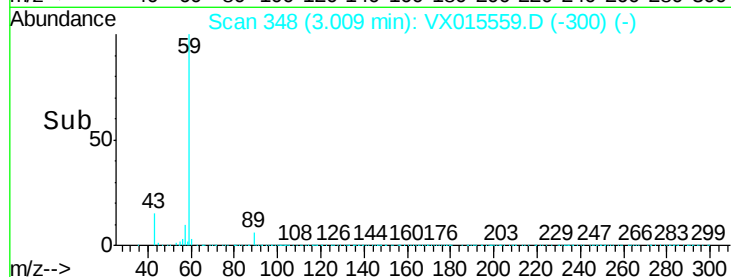
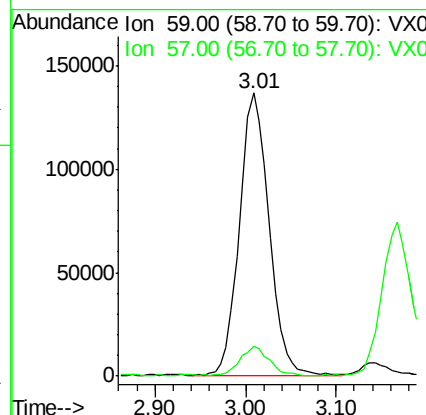
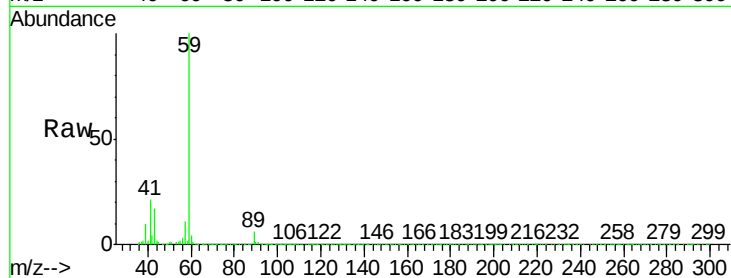
#11
Tert butyl alcohol
Concen: 80.720 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Instrument :
MSVOA_X
ClientSampled :
VX0408WBS01

Tot Ion	Ratio	Resp	Lower	Upper
59	100	308892		
57	9.9		8.1	12.1

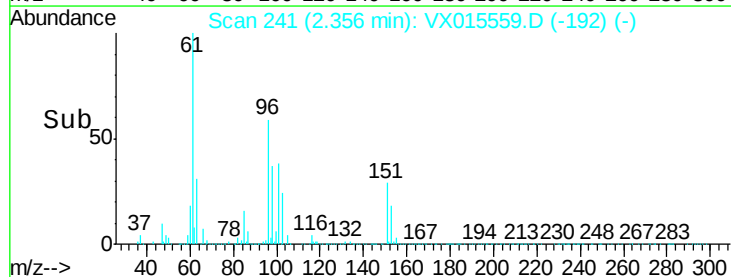
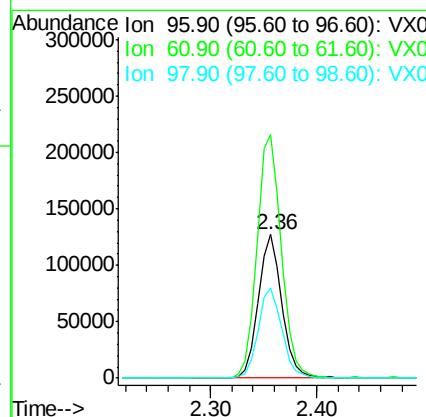
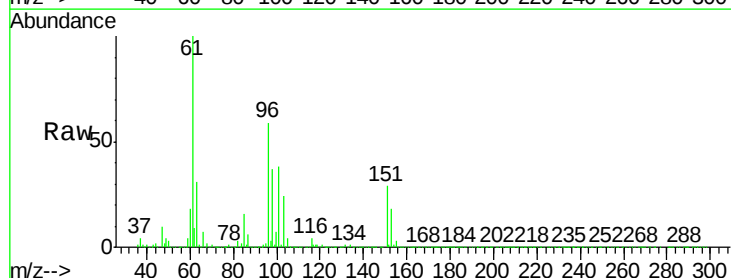
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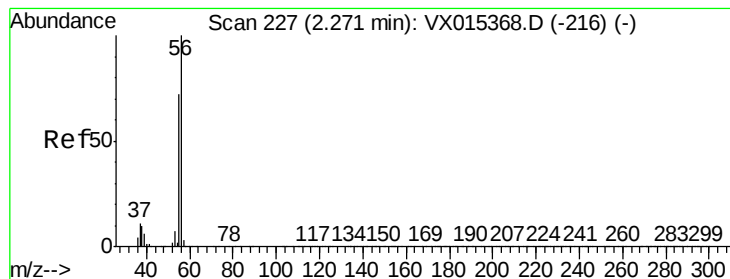
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#12
1,1-Dichloroethene
Concen: 18.348 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	196362		
61	169.4		135.7	203.5
98	62.9		50.6	75.8





#13

Acrolein

Concen: 99.815 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015559.D

Acq: 08 Apr 2020 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0408WBS01

Tot Ion: 56 Resp: 217583

Ion Ratio Lower Upper

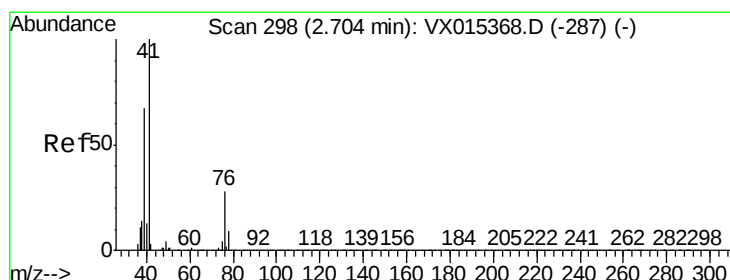
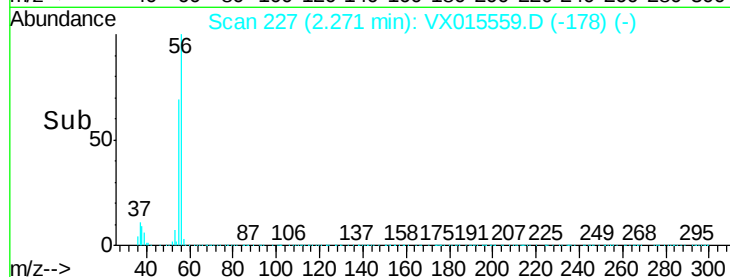
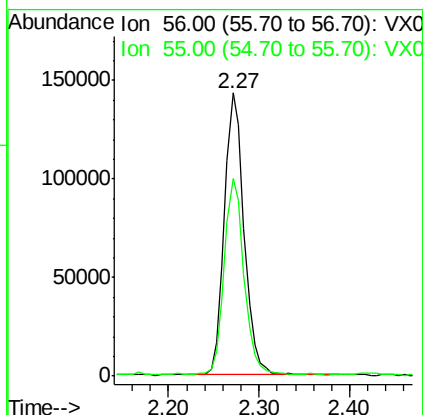
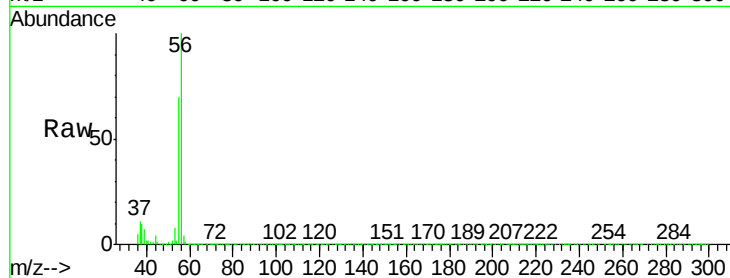
56 100

55 69.6 57.0 85.4

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#14

Allyl chloride

Concen: 17.499 ug/l

RT: 2.70 min Scan# 298

Delta R.T. 0.00 min

Lab File: VX015559.D

Acq: 08 Apr 2020 11:23

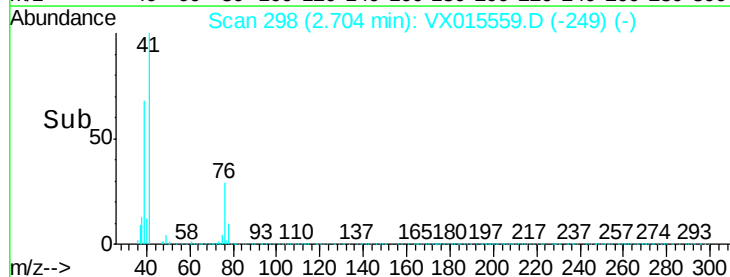
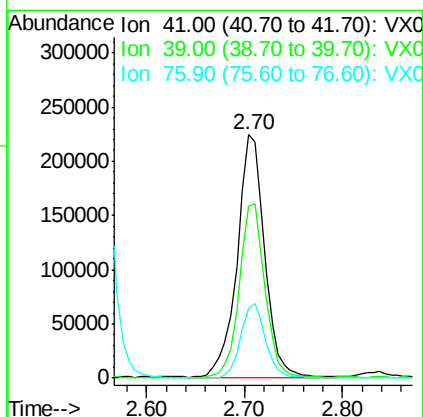
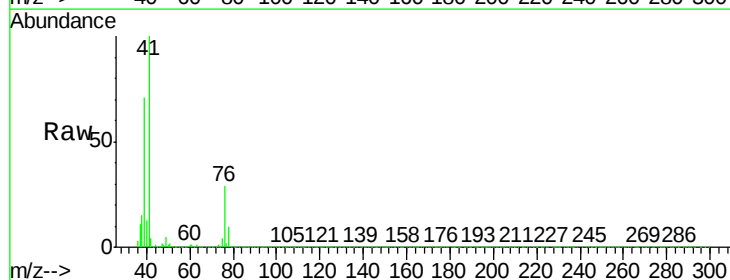
Tgt Ion: 41 Resp: 437578

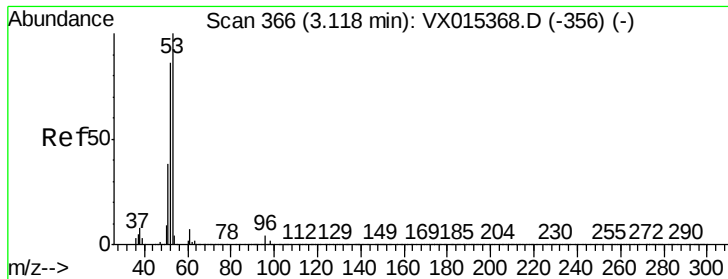
Ion Ratio Lower Upper

41 100

39 67.0 51.4 77.0

76 27.4 21.8 32.8





#15

Acrylonitrile

Concen: 84.372 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015559.D

Acq: 08 Apr 2020 11:23

Instrument :

MSVOA_X

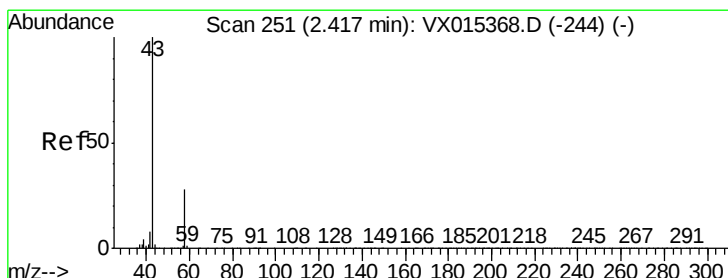
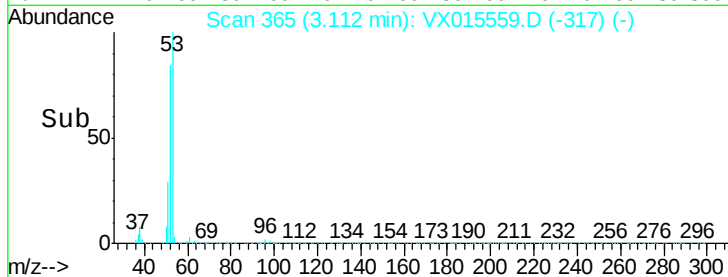
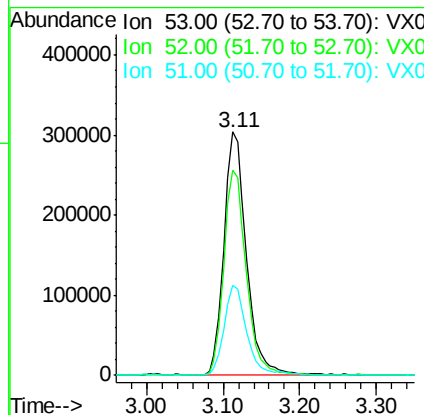
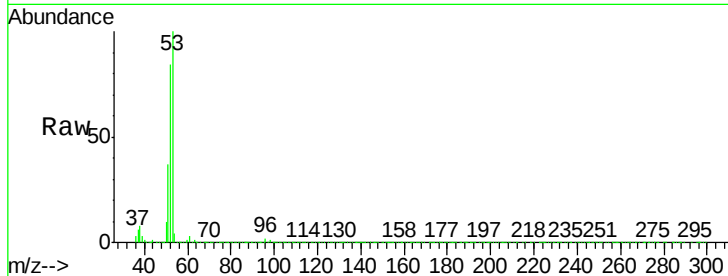
ClientSampleId :

VX0408WBS01

Tot Ion:	53	Resp:	615733
Ion	Ratio	Lower	Upper
53	100		
52	83.9	66.8	100.2
51	37.3	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 88.319 ug/l

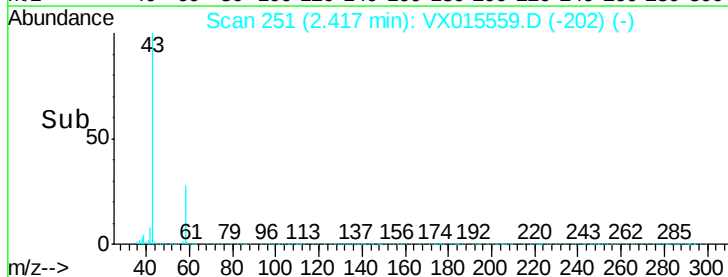
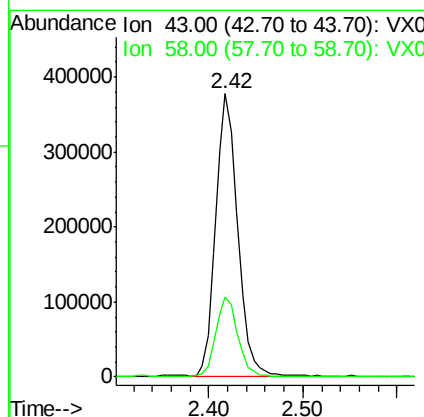
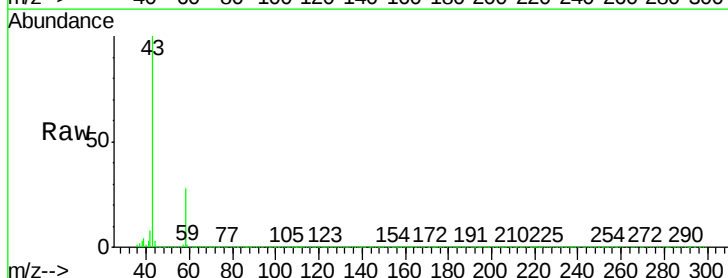
RT: 2.42 min Scan# 251

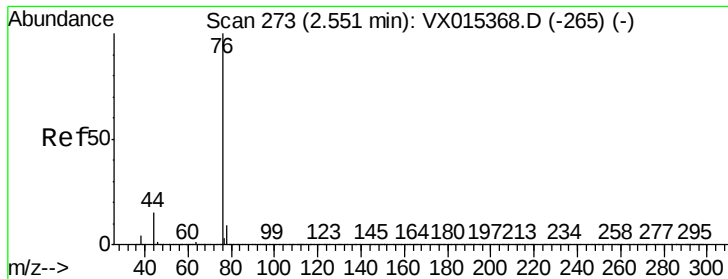
Delta R.T. 0.00 min

Lab File: VX015559.D

Acq: 08 Apr 2020 11:23

Tgt Ion:	43	Resp:	606635
Ion	Ratio	Lower	Upper
43	100		
58	28.4	22.1	33.1





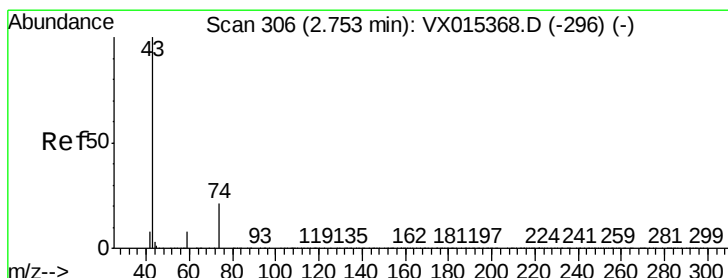
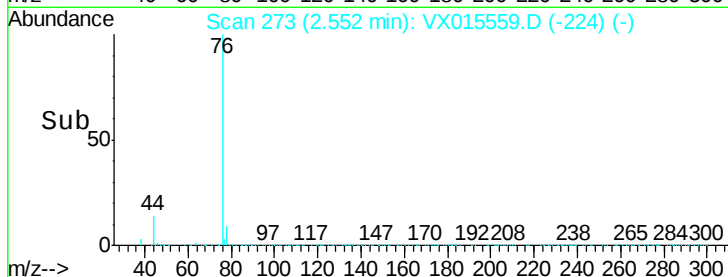
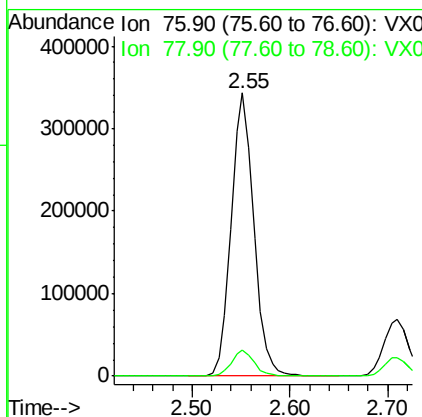
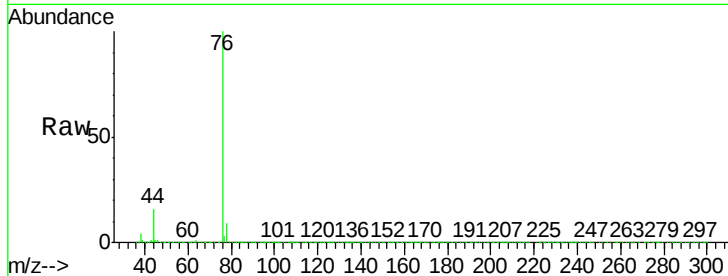
#17
Carbon Disulfide
Concen: 16.826 ug/l
RT: 2.55 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.1	10.7

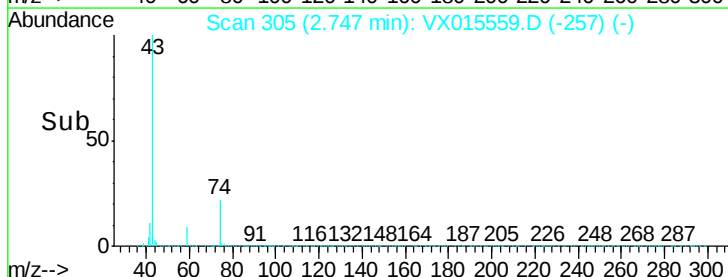
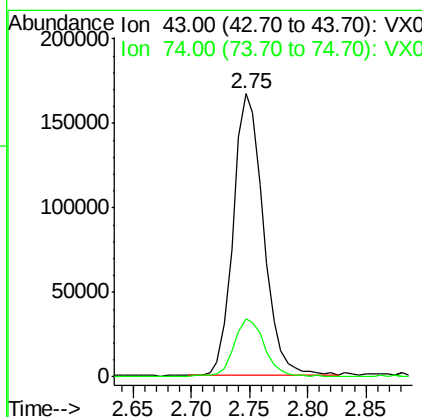
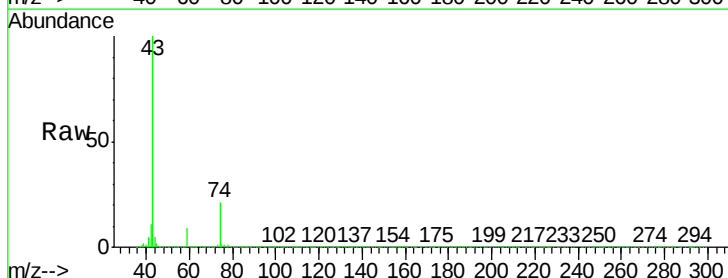
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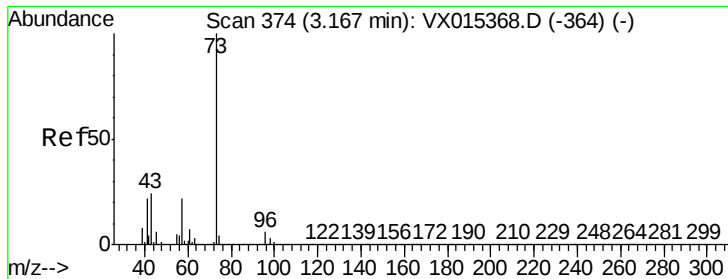
apatel
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#18
Methyl Acetate
Concen: 17.236 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.8	16.5	24.7





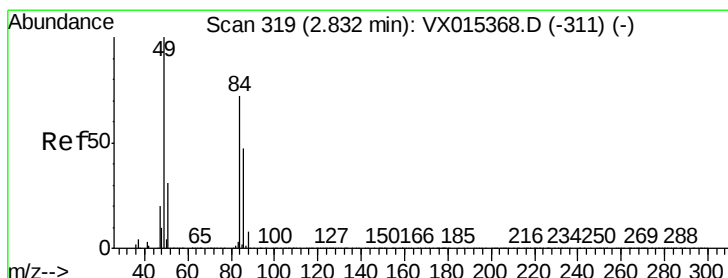
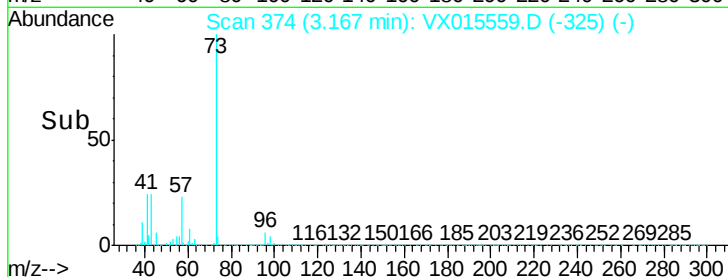
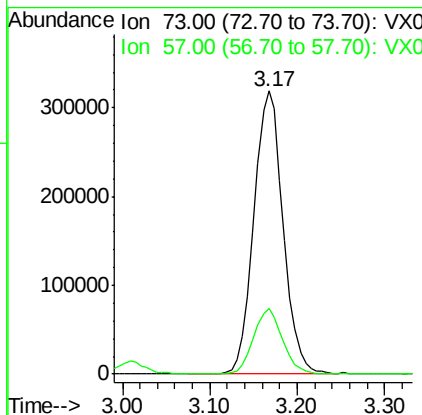
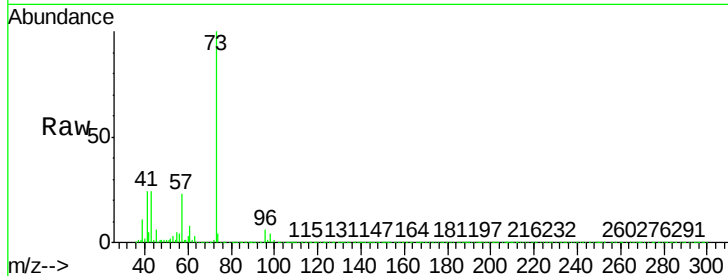
#19
Methvl tert-butvl Ether
Concen: 17.805 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.2	17.9	26.9

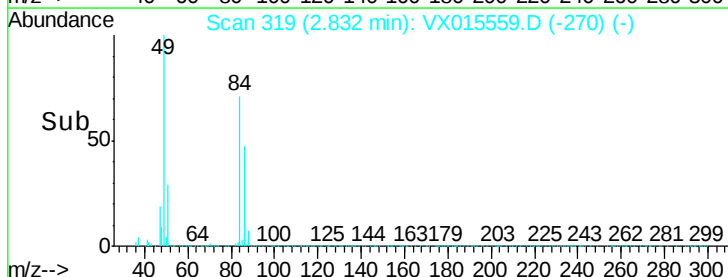
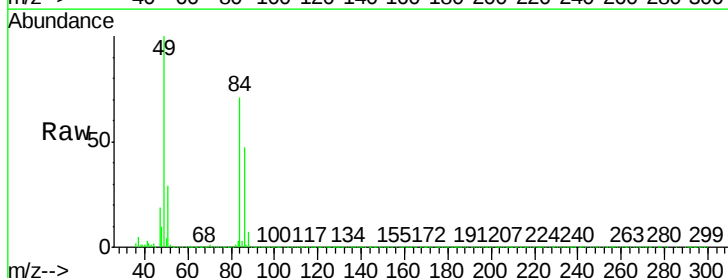
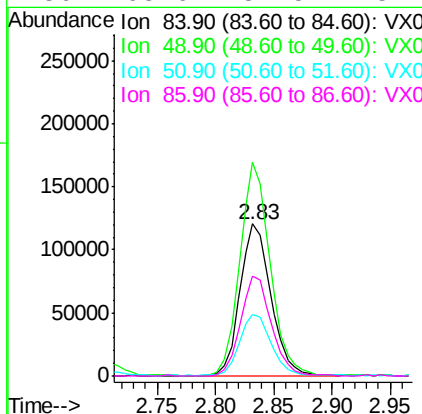
Manual Integrations
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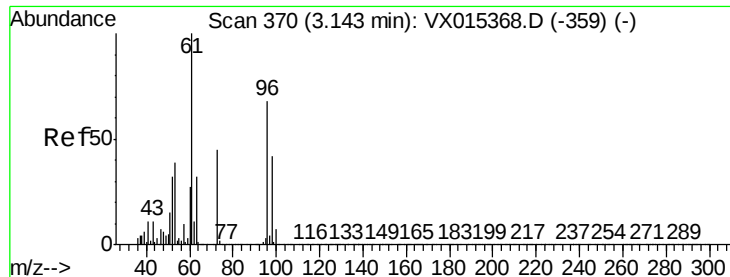
apatel
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#20
Methylene Chloride
Concen: 17.401 ug/l
RT: 2.83 min Scan# 319
Delta R.T. 0.00 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	140.6	111.3	166.9
51	39.9	34.0	51.0
86	65.6	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 17.815 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015559.D

Acq: 08 Apr 2020 11:23

Instrument :

MSVOA_X

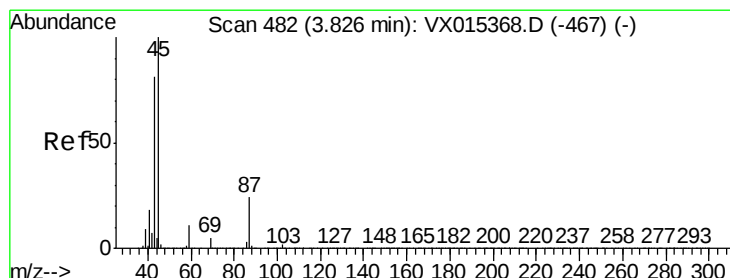
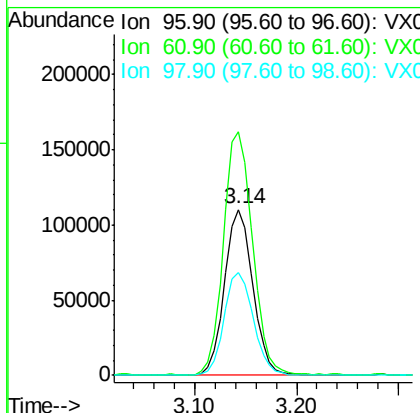
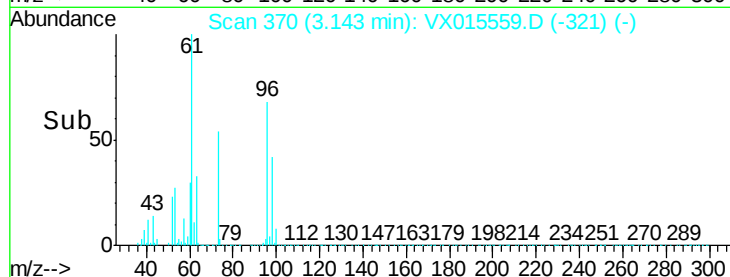
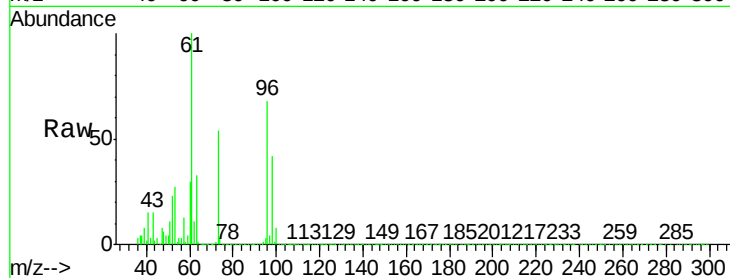
ClientSampleId :

VX0408WBS01

Tot Ion:	96	Resp:	211590
Ion	Ratio	Lower	Upper
96	100		
61	146.8	116.9	175.3
98	61.5	48.6	73.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.375 ug/l

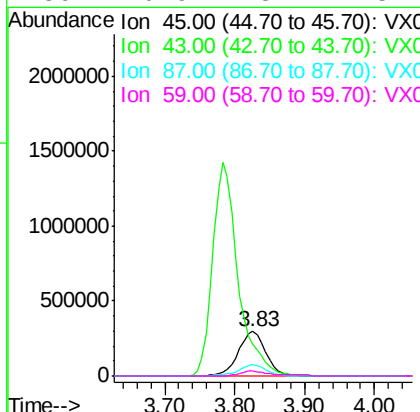
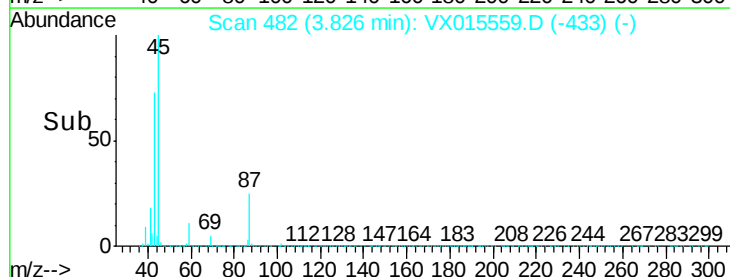
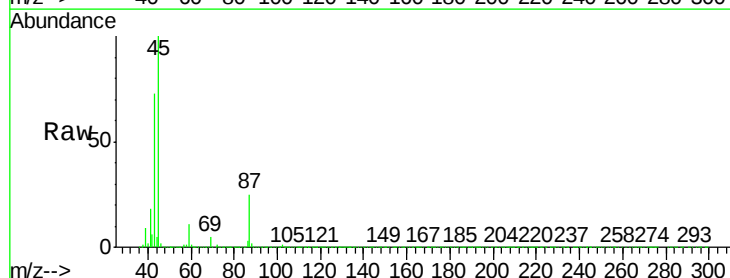
RT: 3.83 min Scan# 482

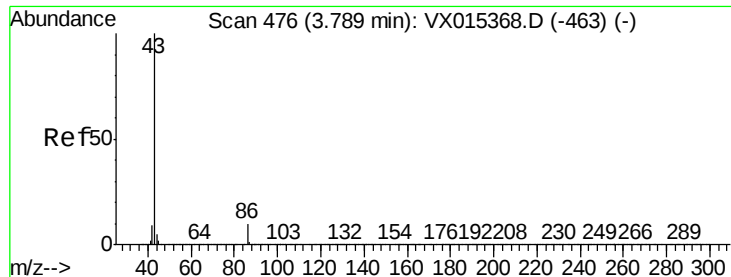
Delta R.T. 0.00 min

Lab File: VX015559.D

Acq: 08 Apr 2020 11:23

Tgt Ion:	45	Resp:	814217
Ion	Ratio	Lower	Upper
45	100		
43	71.9	64.7	97.1
87	24.6	19.4	29.0
59	10.9	8.7	13.1





#23

Vinyl Acetate

Concen: 90.071 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015559.D

Acq: 08 Apr 2020 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0408WBS01

Tot Ion: 43 Resp: 3613564

Ion Ratio Lower Upper

43 100

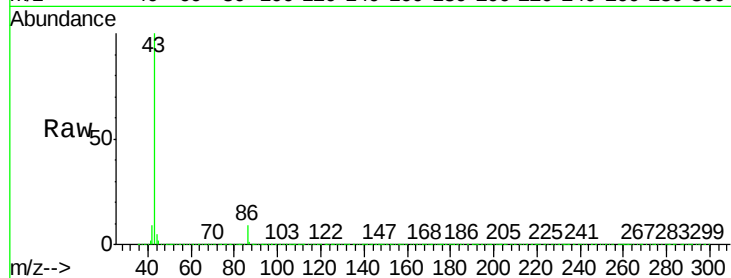
86 9.3 7.8 11.6

Manual Integrations

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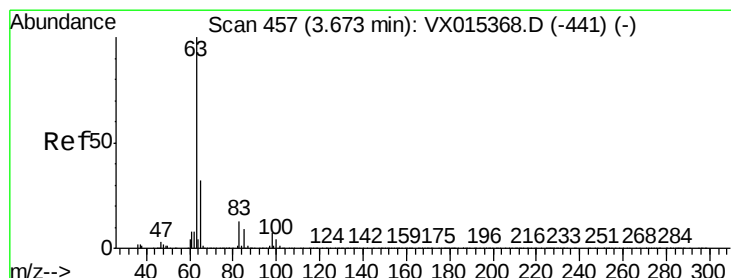
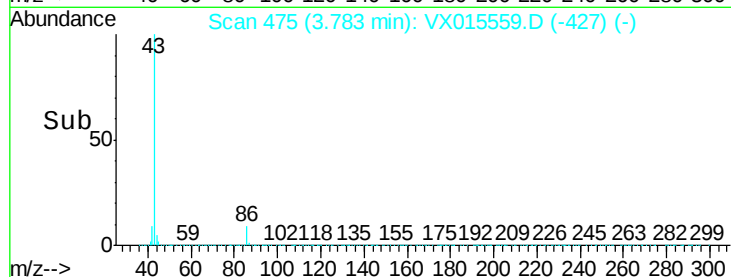
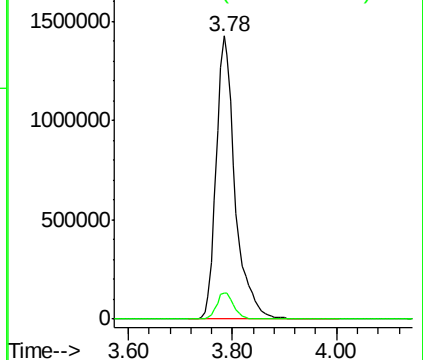
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 17.690 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015559.D

Acq: 08 Apr 2020 11:23

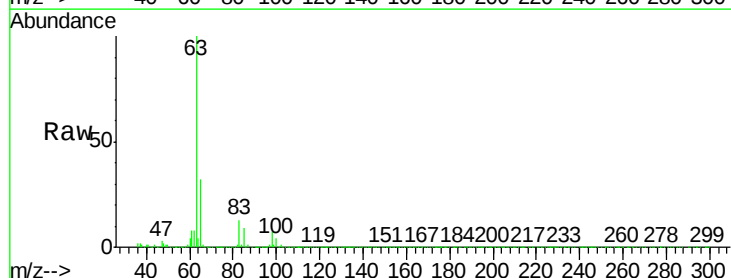
Tgt Ion: 63 Resp: 412713

Ion Ratio Lower Upper

63 100

98 7.2 3.3 9.8

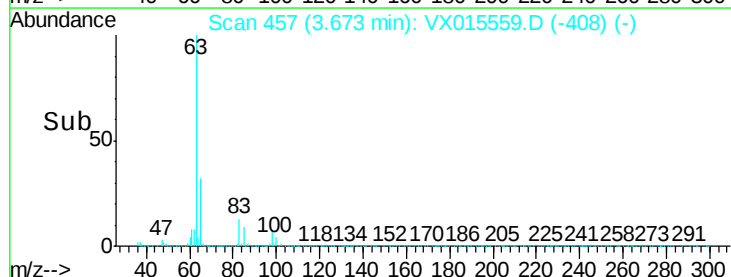
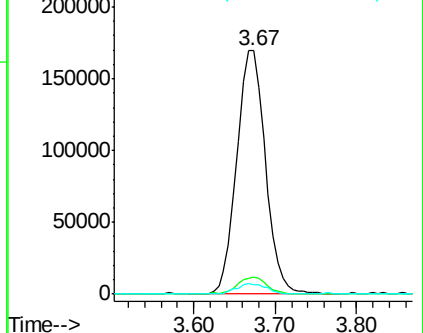
100 3.9 2.1 6.5

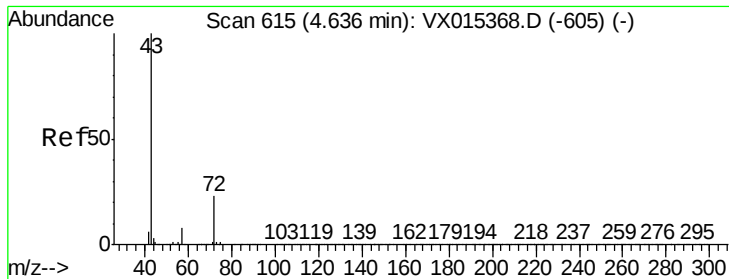


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 83.720 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015559.D

Acq: 08 Apr 2020 11:23

Tot Ion: 43 Resp: 924790

Ion Ratio Lower Upper

43 100

72 22.4 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

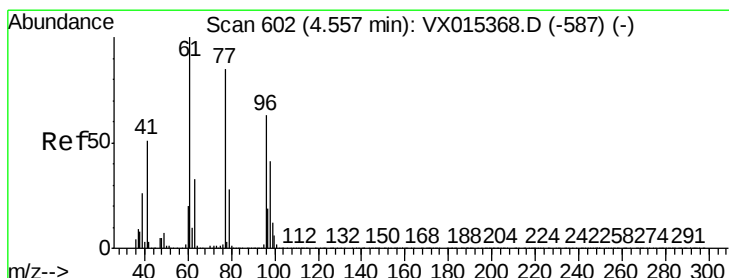
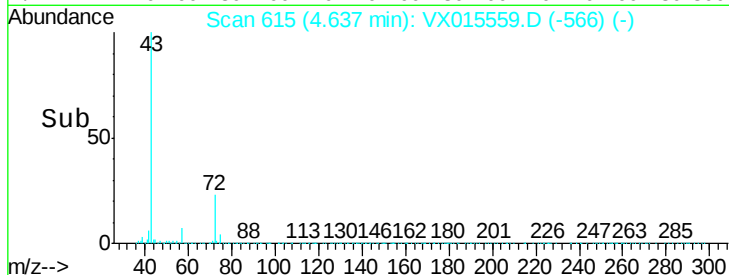
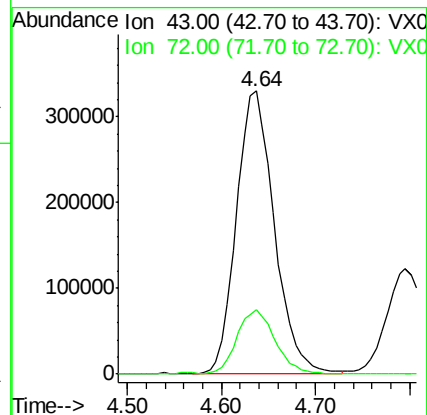
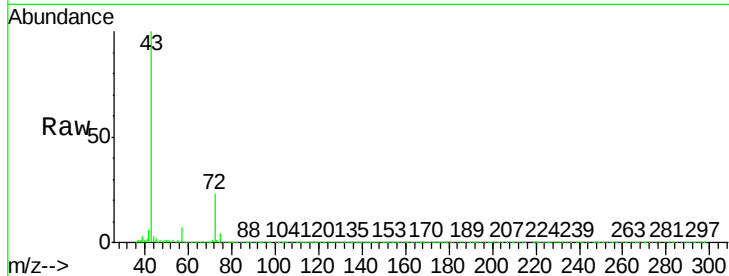
VX0408WBS01

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 19.952 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015559.D

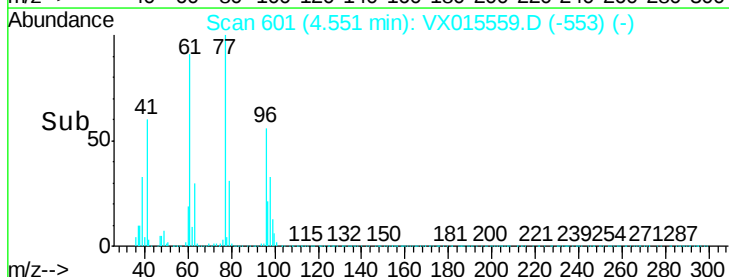
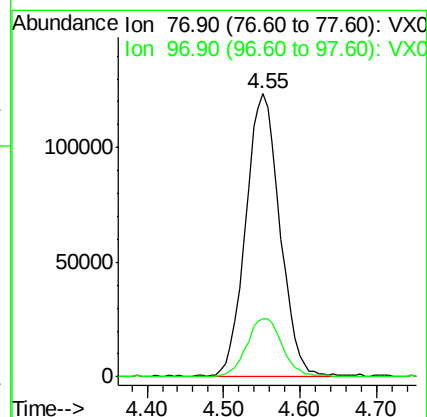
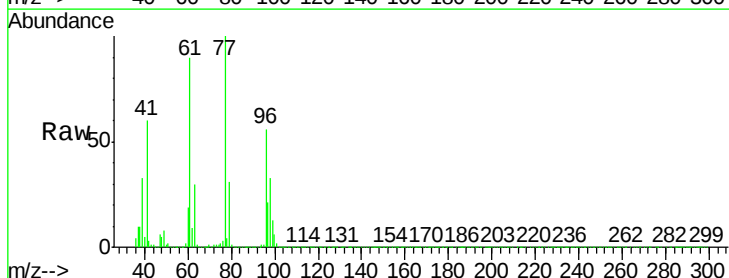
Acq: 08 Apr 2020 11:23

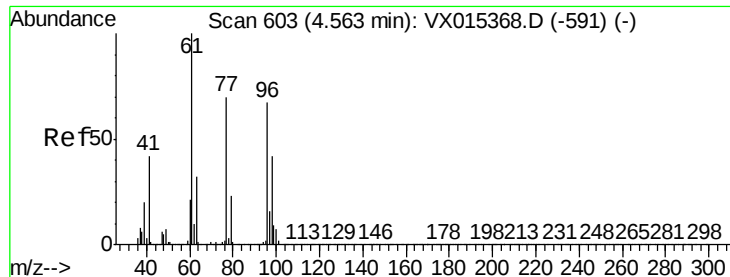
Tgt Ion: 77 Resp: 382068

Ion Ratio Lower Upper

77 100

97 21.4 11.3 33.8





#27

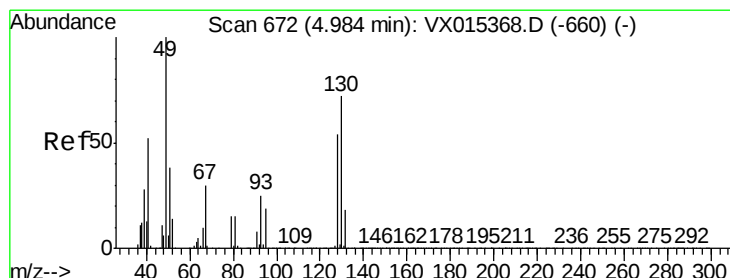
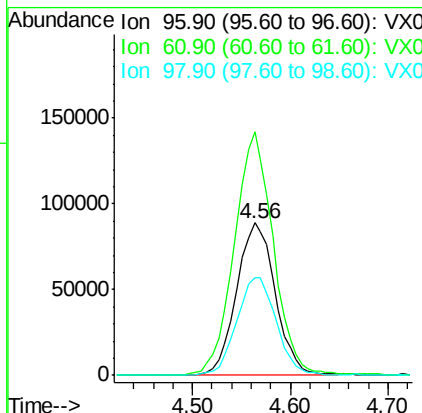
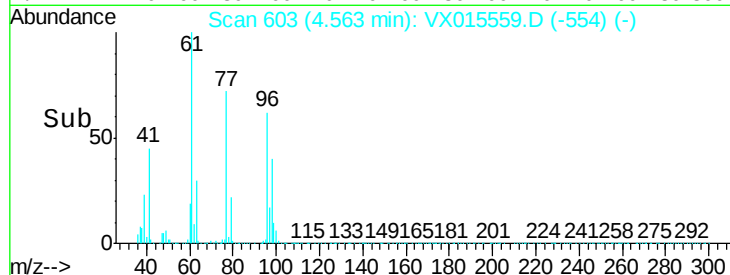
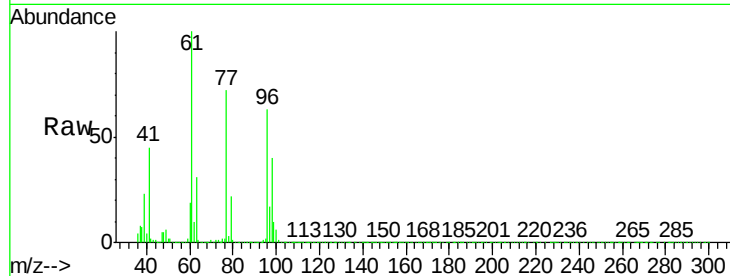
cis-1,2-Dichloroethene
Concen: 17.581 ug/l
RT: 4.56 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	241591		
61	161.2	0.0	308.4	
98	65.7	0.0	129.2	

Manual Integrations
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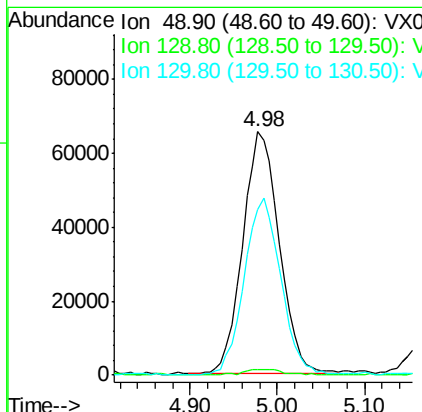
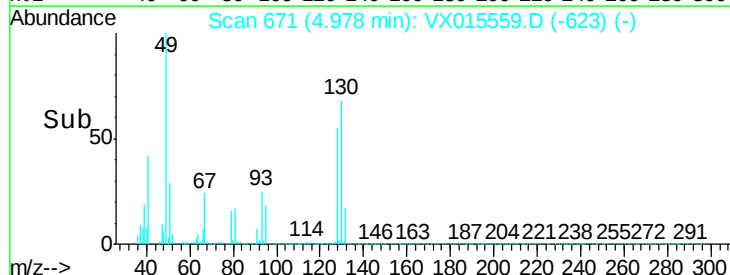
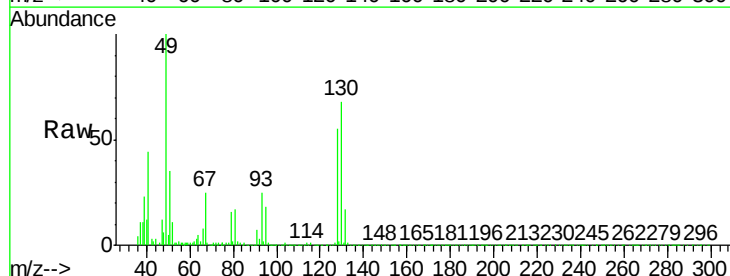
apatel
4/9/2020 9:54:42 AM

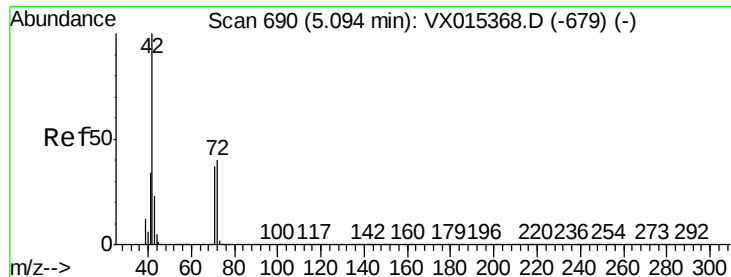


#28

Bromochloromethane
Concen: 17.182 ug/l
RT: 4.98 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	191386		
129	2.9	0.0	4.4	
130	72.6	57.7	86.5	





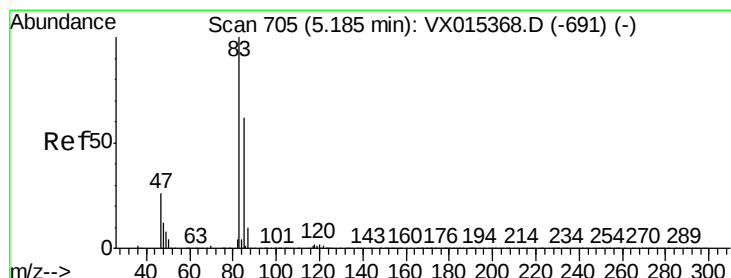
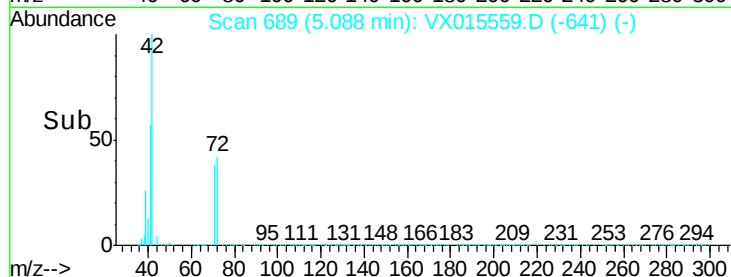
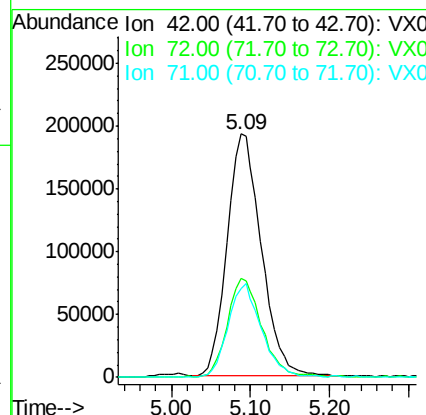
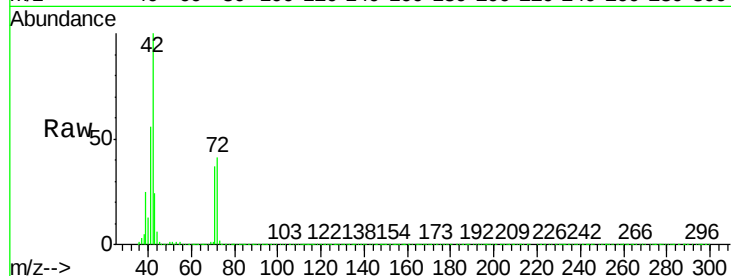
#29
Tetrahydrofuran
Concen: 81.869 ug/l
RT: 5.09 min Scan# 689
Delta R.T. -0.01 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.6	31.7	47.5
71	37.6	29.6	44.4

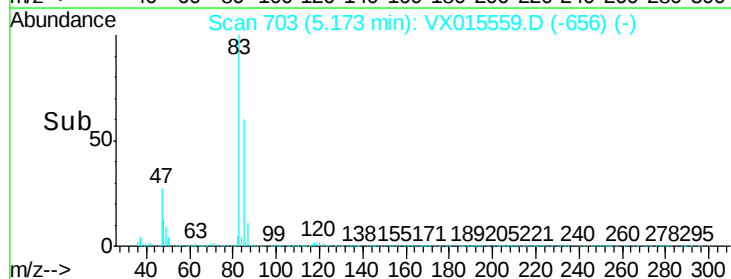
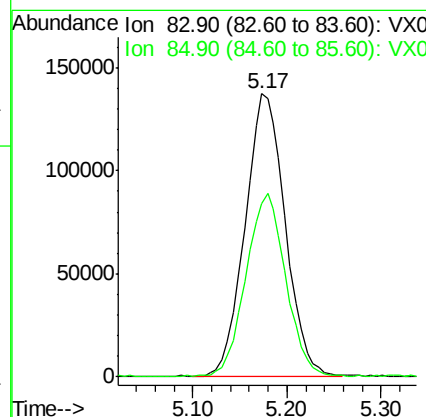
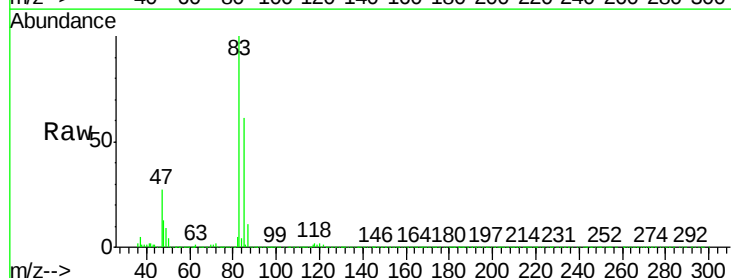
Manual Integrations
APPROVED

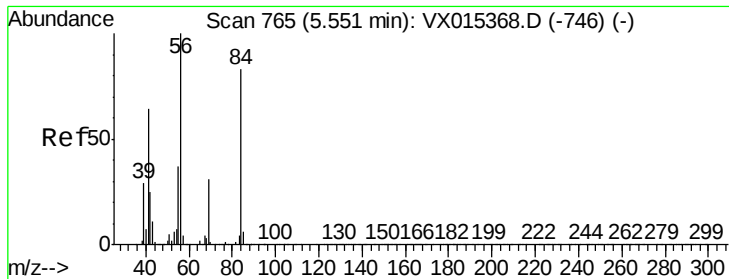
apatel
4/9/2020 9:54:42 AM



#30
Chloroform
Concen: 18.192 ug/l
RT: 5.17 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	61.2	49.5	74.3





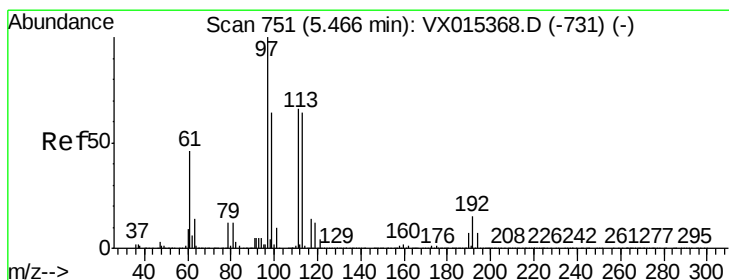
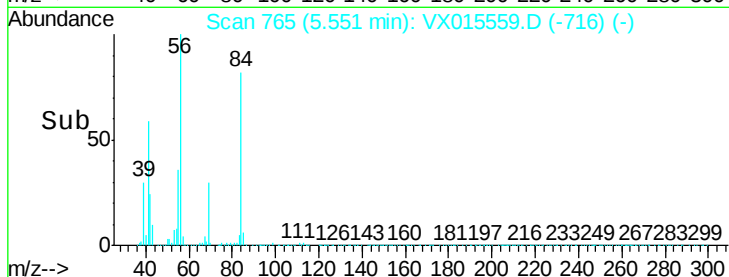
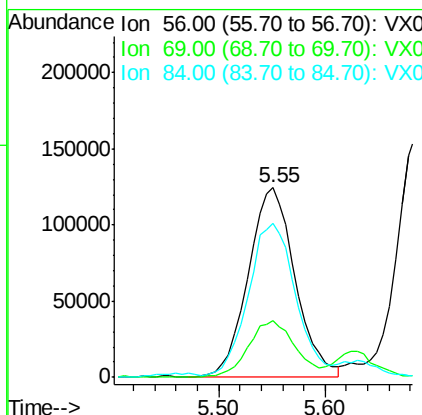
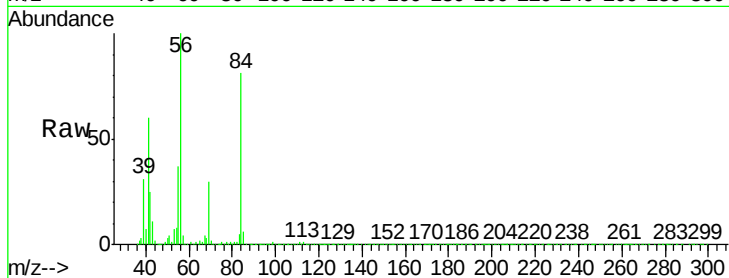
#31
Cyclohexane
Concen: 18.754 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.1	24.6	36.8
84	80.0	66.1	99.1

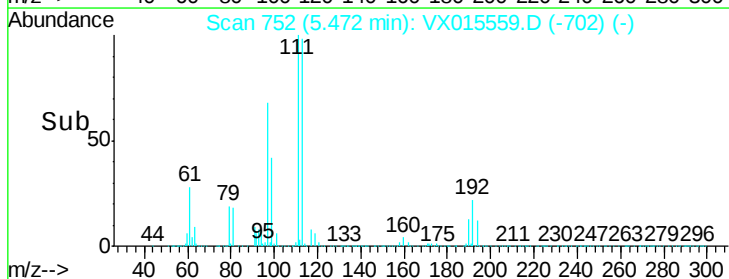
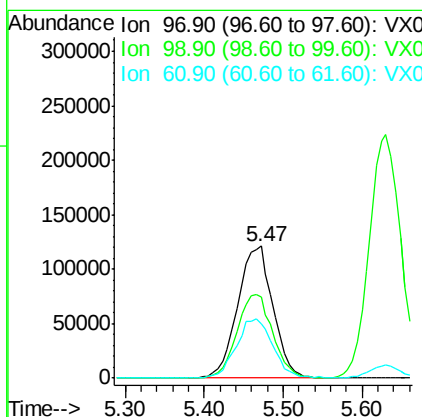
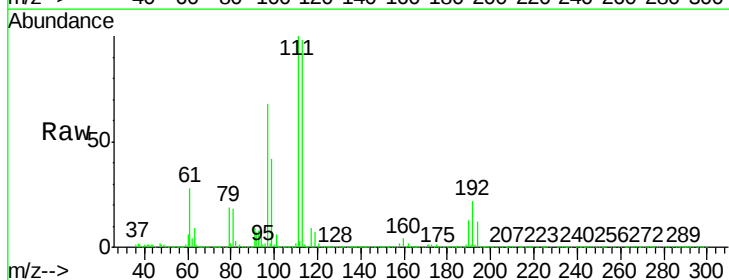
Manual Integrations
APPROVED

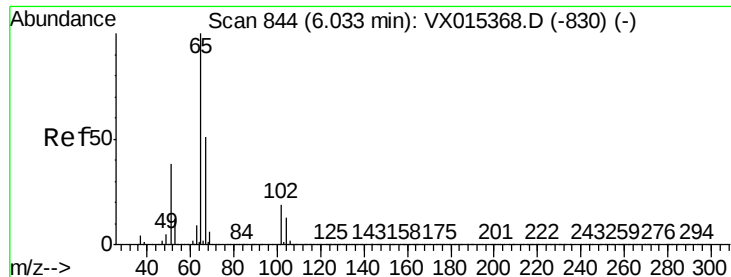
apatel
4/9/2020 9:54:42 AM



#32
1,1,1-Trichloroethane
Concen: 18.363 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.0	76.4
61	46.4	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 45.253 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015559.D

Acq: 08 Apr 2020 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0408WBS01

Tot Ion: 65 Resp: 723492

Ion Ratio Lower Upper

65 100

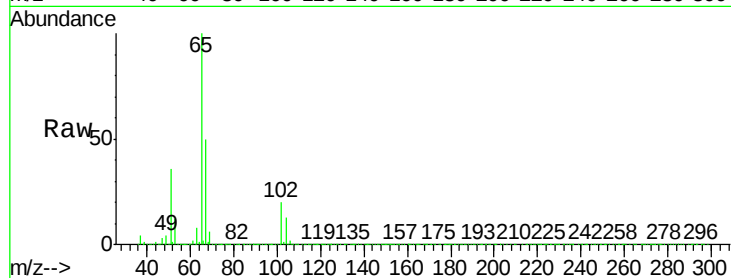
67 50.5 0.0 102.6

Manual Integrations

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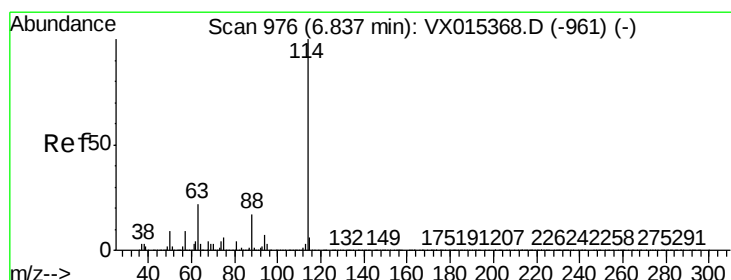
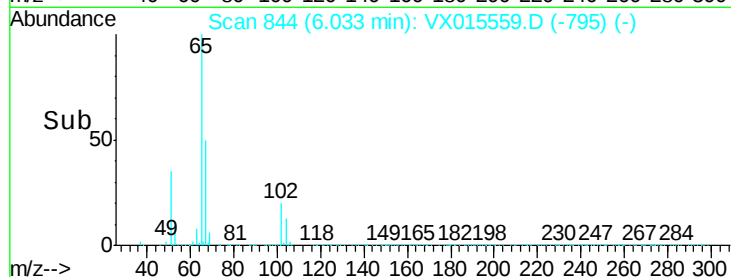
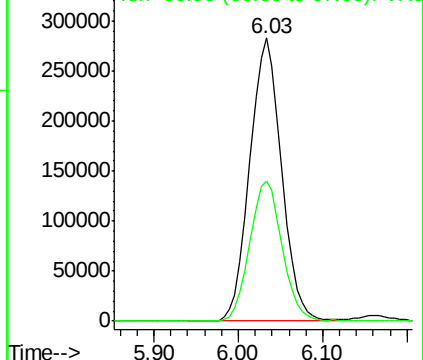
apatel

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015559.D

Acq: 08 Apr 2020 11:23

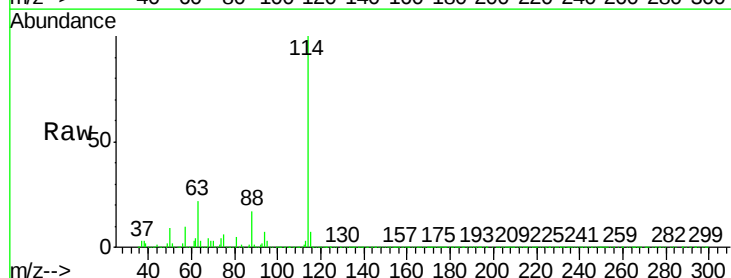
Tgt Ion: 114 Resp: 1667209

Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.2

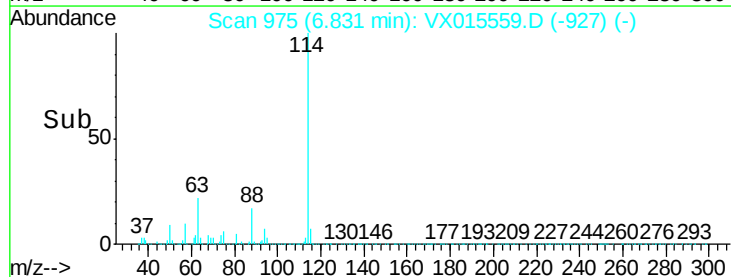
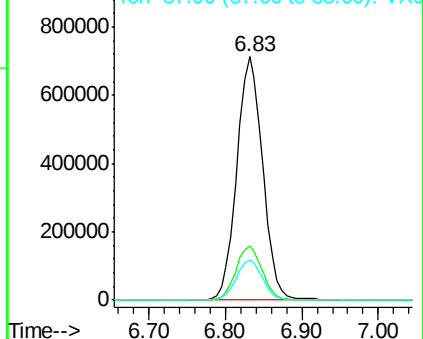
88 16.5 0.0 33.8

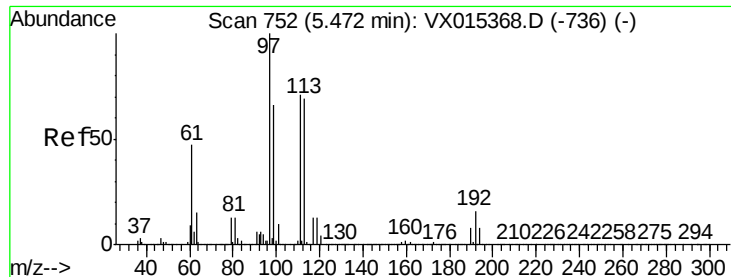


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





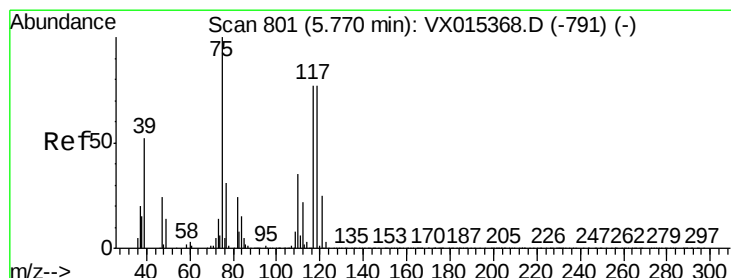
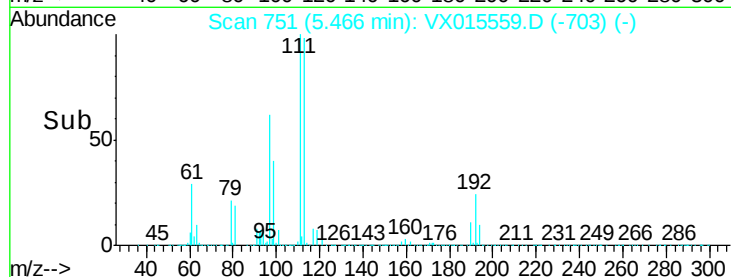
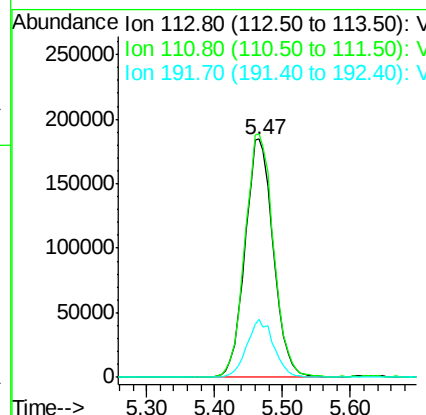
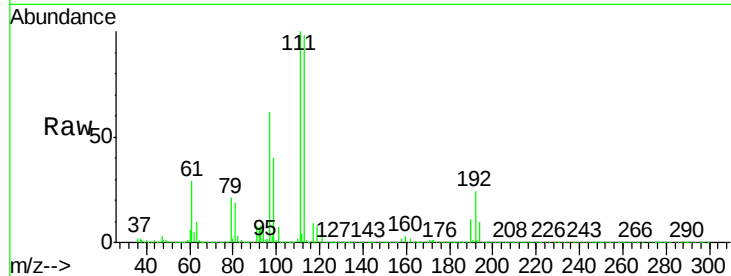
#35
Dibromofluoromethane
Concen: 49.691 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
111	103.9	81.5	122.3	
192	23.0	17.8	26.6	

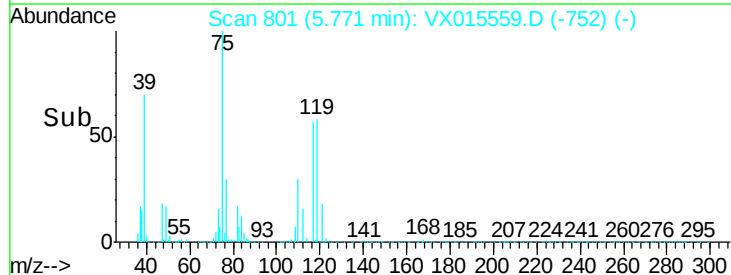
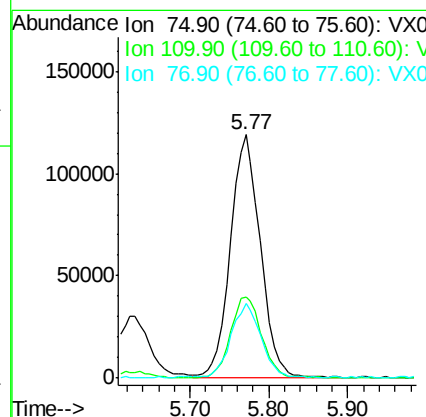
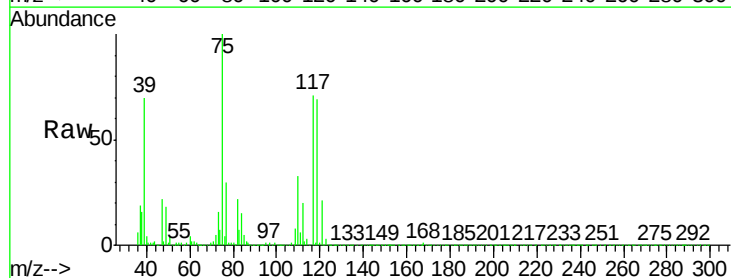
Manual Integrations
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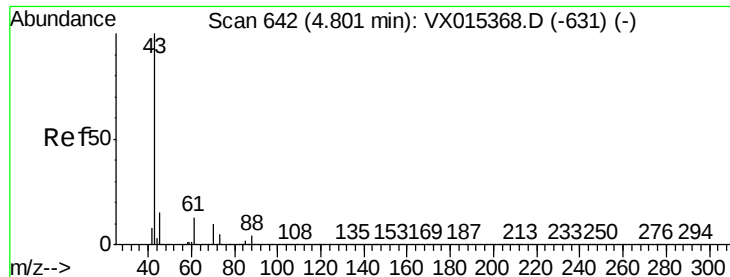
apatel
4/9/2020 9:54:42 AM



#36
1,1-Dichloropropene
Concen: 20.339 ug/l
RT: 5.77 min Scan# 801
Delta R.T. 0.00 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
110	34.9	17.1	51.3	
77	30.3	24.6	36.8	





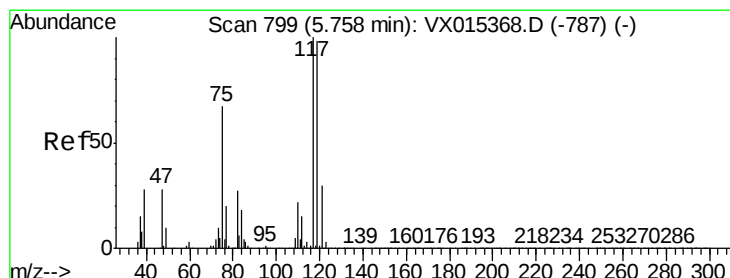
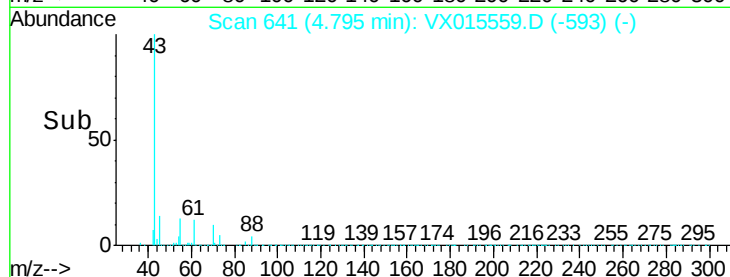
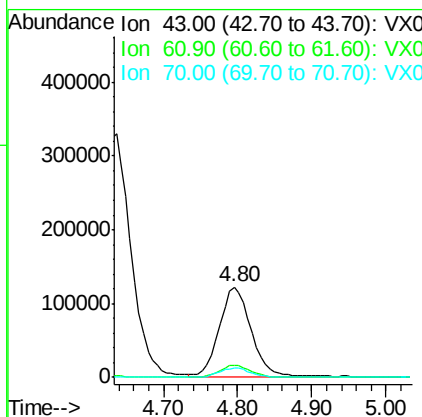
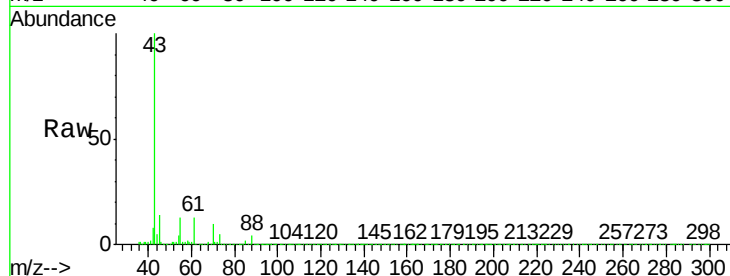
#37
Ethyl Acetate
Concen: 17.891 ug/l
RT: 4.80 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.5	9.9	14.9
70	10.8	8.1	12.1

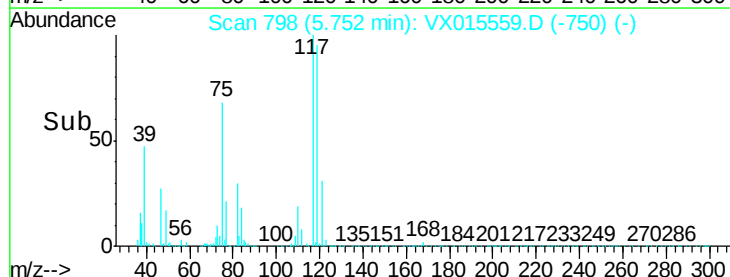
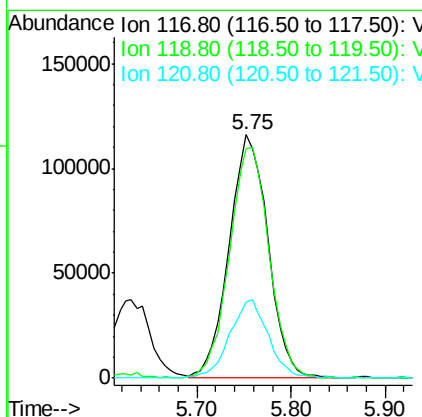
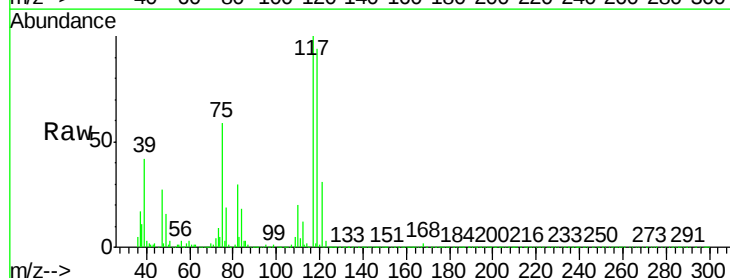
Manual Integrations
APPROVED

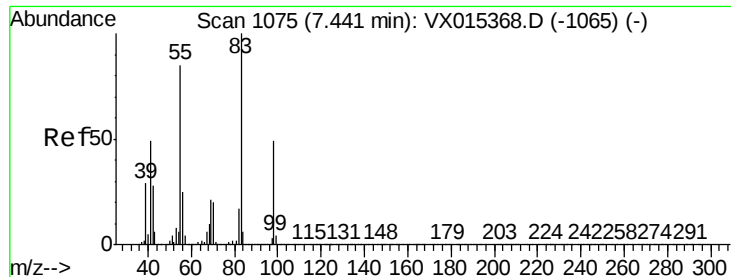
apatel
4/9/2020 9:54:42 AM



#38
Carbon Tetrachloride
Concen: 19.980 ug/l
RT: 5.75 min Scan# 798
Delta R.T. -0.01 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.4	78.0	117.0
121	31.1	23.8	35.8





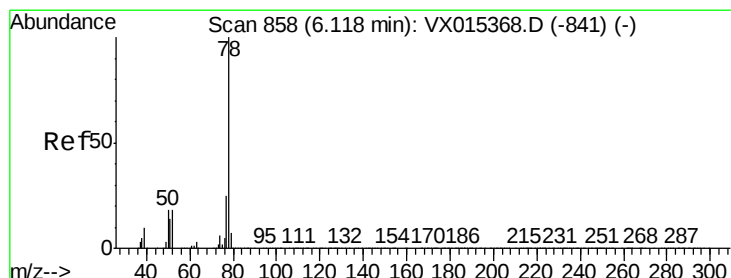
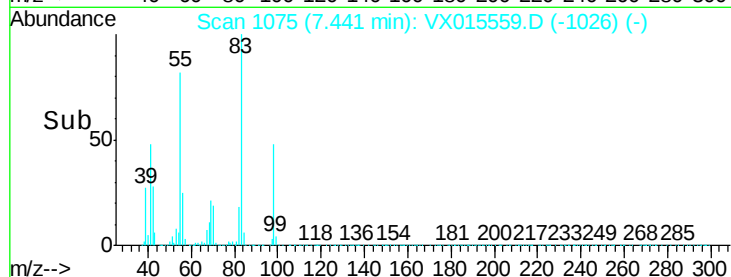
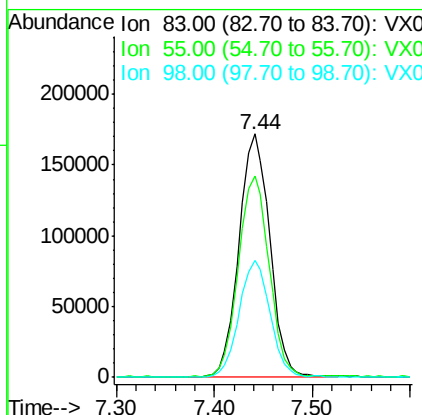
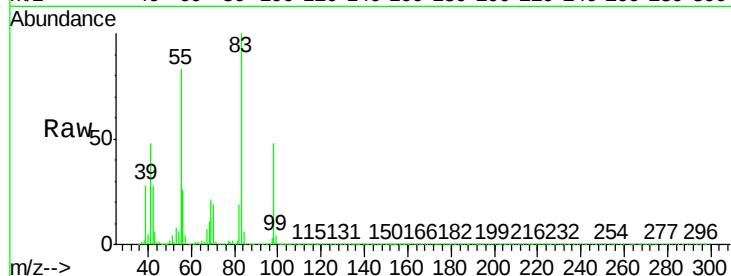
#39
Methvlcvclohexane
Concen: 21.181 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.6	67.8	101.6
98	47.7	39.3	58.9

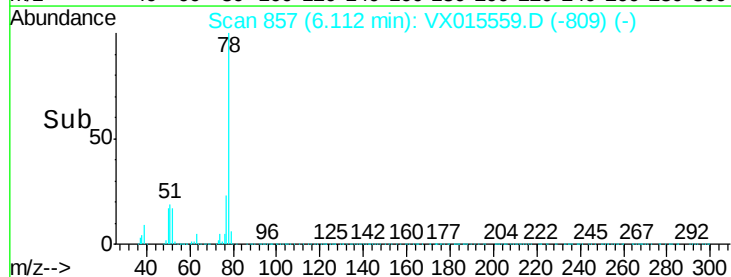
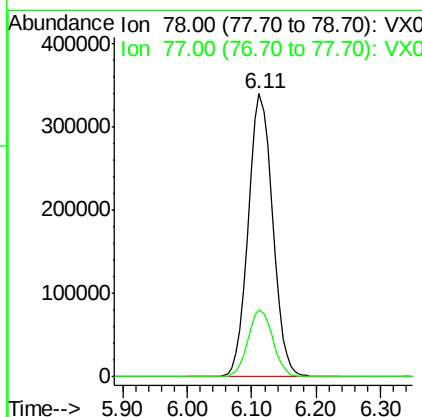
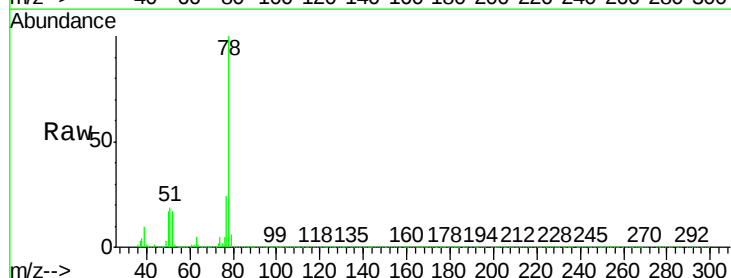
Manual Integrations
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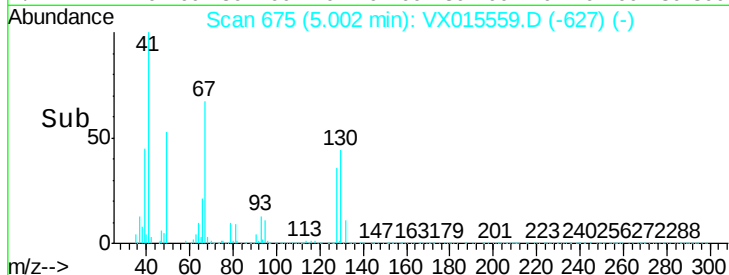
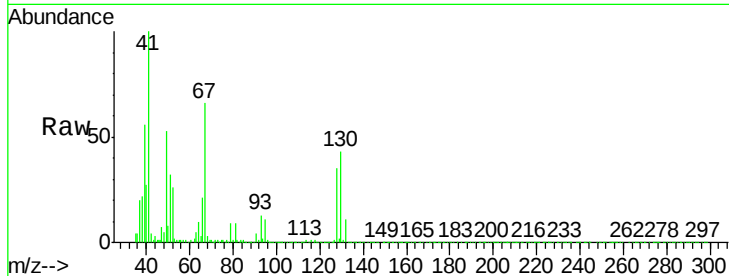
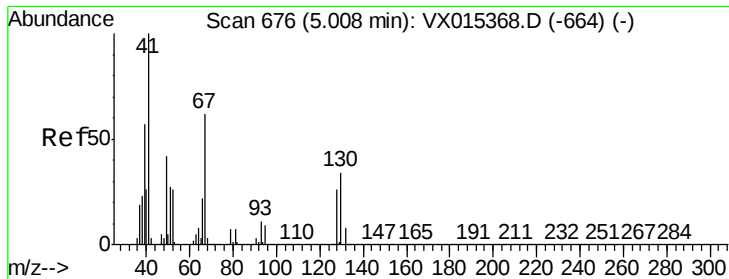
apatel
4/9/2020 9:54:42 AM



#40
Benzene
Concen: 19.555 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

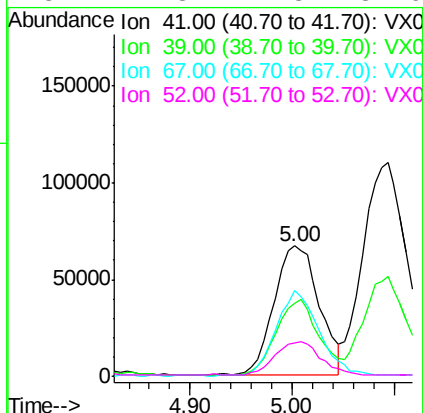
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.8	29.8





#41
Methacrylonitrile
Concen: 18.559 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

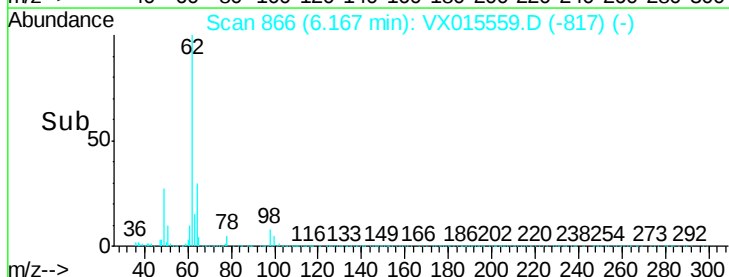
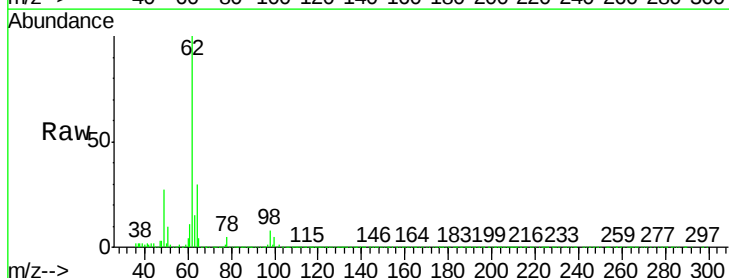
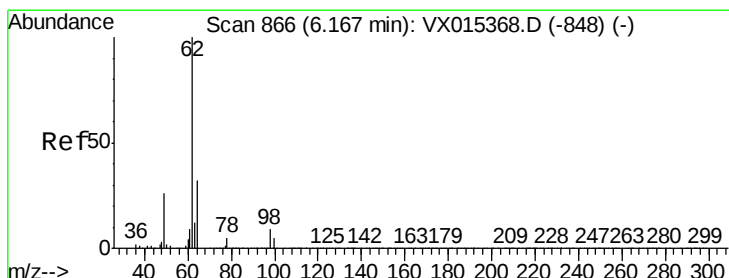
Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		206062		
39	56.2	44.5	66.7		
67	62.4	48.9	73.3		
52	27.3	21.8	32.6		



Instrument :
MSVOA_X
ClientSampleId :
VX0408WBS01

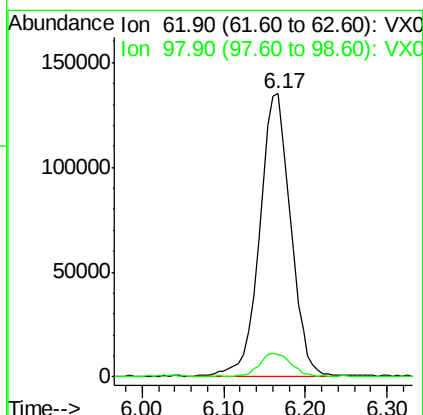
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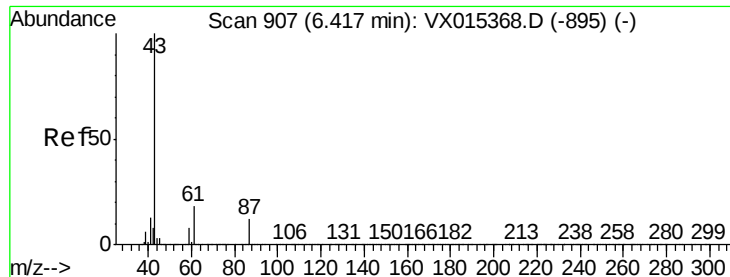
apatel
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#42
1,2-Dichloroethane
Concen: 19.621 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		354644		
98	8.4	0.0	17.6		





#43

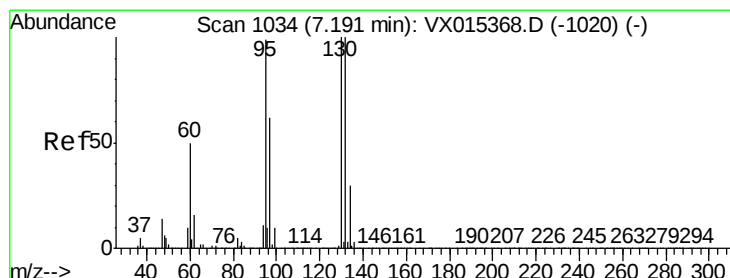
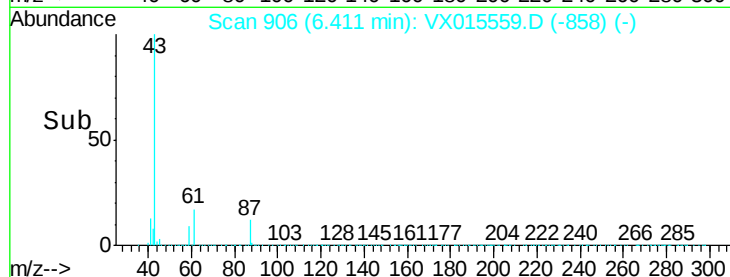
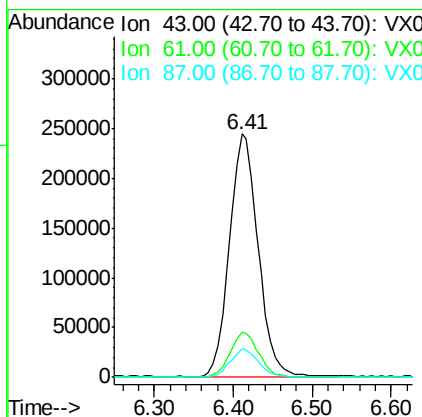
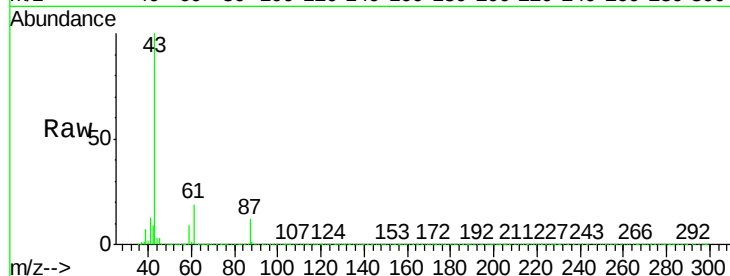
Isopropyl Acetate
 Concen: 18.146 ug/l
 RT: 6.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: VX015559.D
 Acq: 08 Apr 2020 11:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.5	14.8	22.2
87	11.8	9.4	14.0

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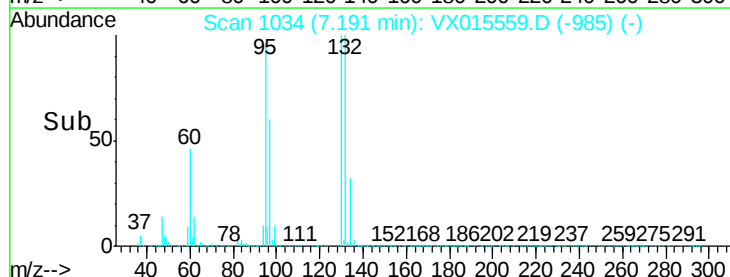
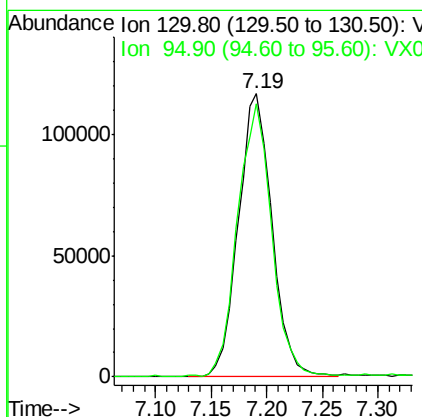
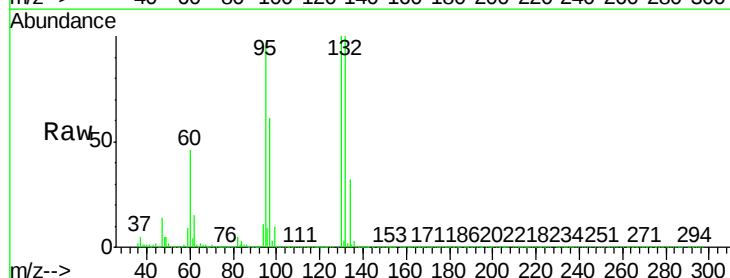
apatel
 4/9/2020 9:54:42 AM

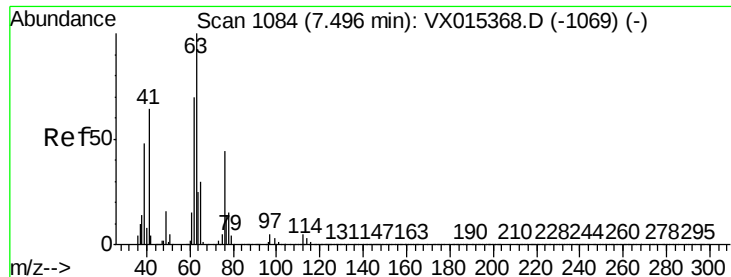


#44

Trichloroethene
 Concen: 19.996 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015559.D
 Acq: 08 Apr 2020 11:23

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.1	0.0	199.0





#45

1,2-Dichloropropane

Concen: 19.033 ug/l

RT: 7.49 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VX015559.D

Acq: 08 Apr 2020 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0408WBS01

Tot Ion: 63 Resp: 234286

Ion Ratio Lower Upper

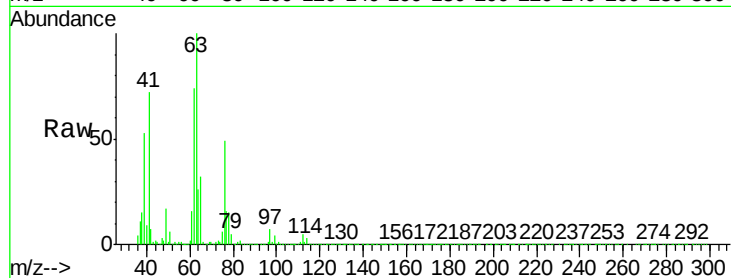
63 100

65 32.1 23.9 35.9

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

120000

100000

80000

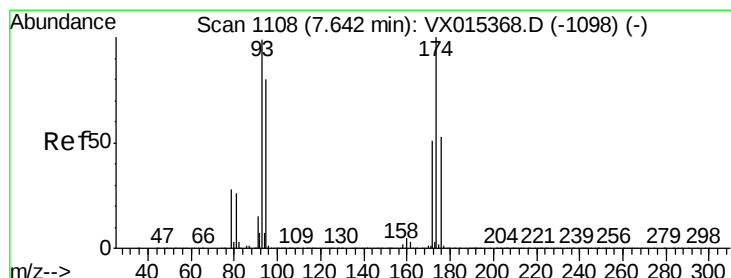
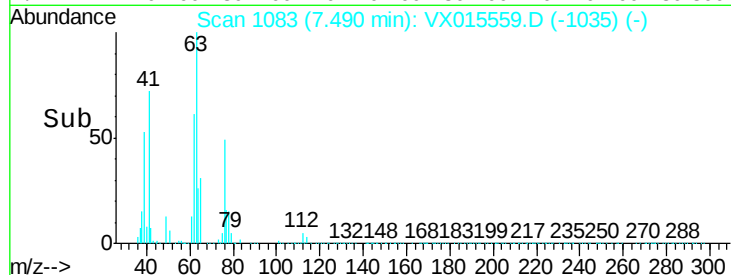
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 19.077 ug/l

RT: 7.64 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VX015559.D

Acq: 08 Apr 2020 11:23

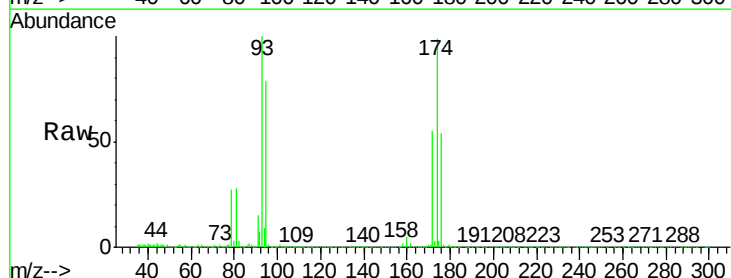
Tgt Ion: 93 Resp: 154040

Ion Ratio Lower Upper

93 100

95 82.9 65.8 98.8

174 112.9 86.2 129.2



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

120000

100000

80000

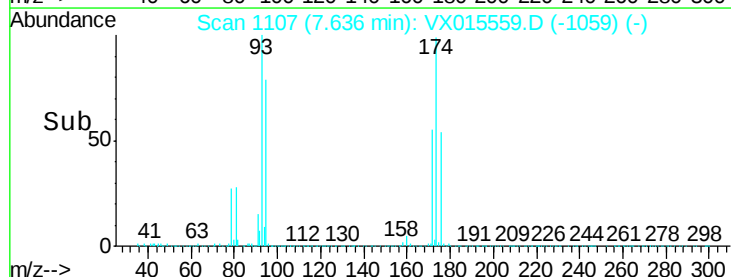
60000

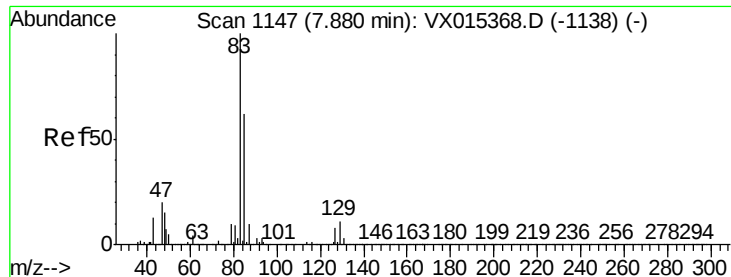
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 19.452 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015559.D

Acq: 08 Apr 2020 11:23

Instrument :

MSVOA_X

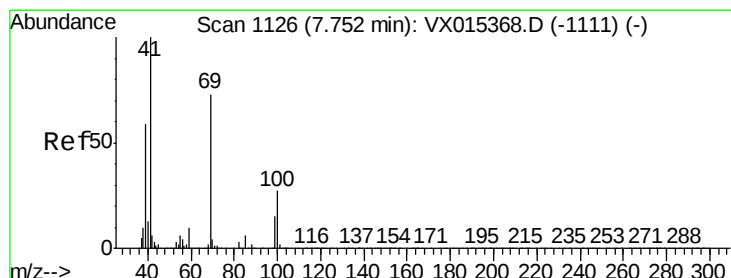
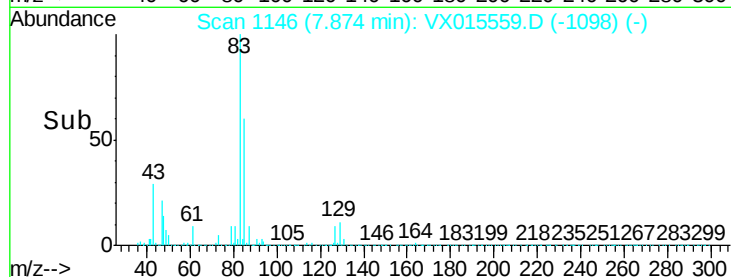
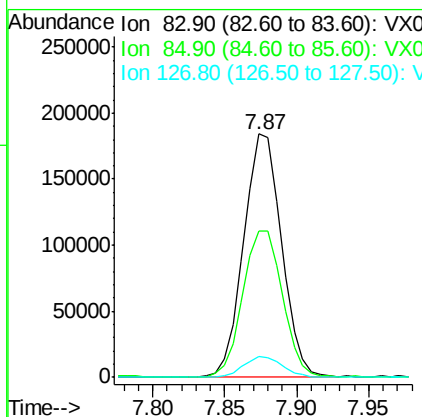
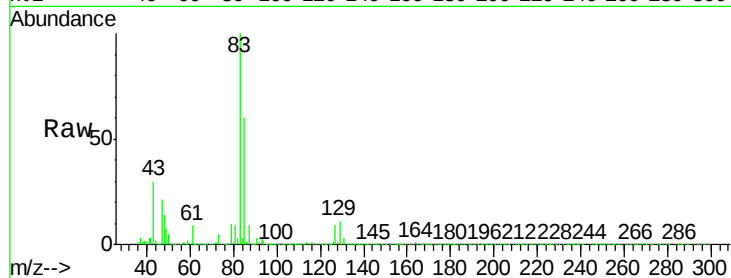
ClientSampleId :

VX0408WBS01

Tot Ion:	83	Resp:	334686
Ion Ratio	Lower	Upper	
83	100		
85	59.8	49.7	74.5
127	8.5	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.298 ug/l

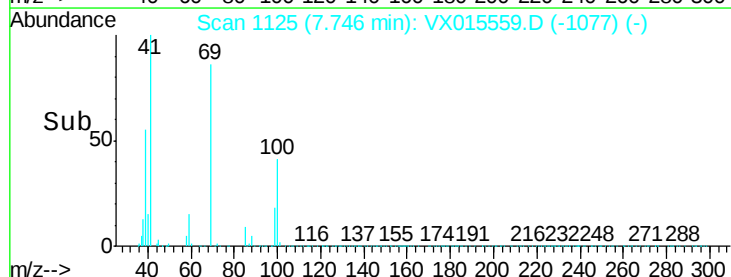
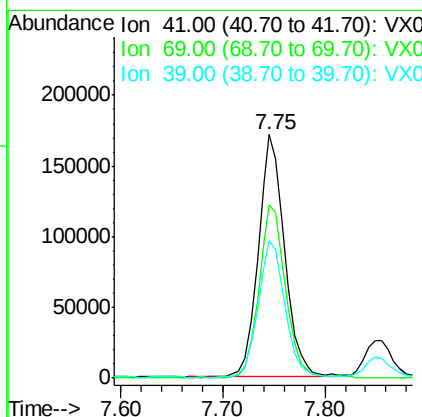
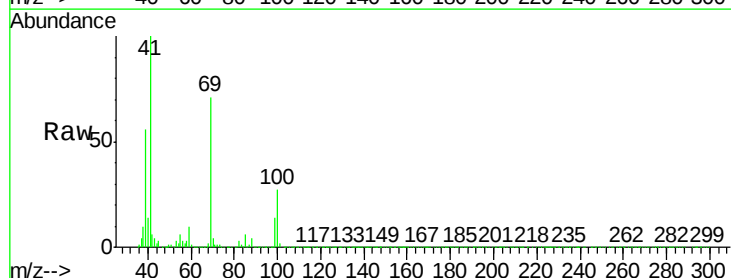
RT: 7.75 min Scan# 1125

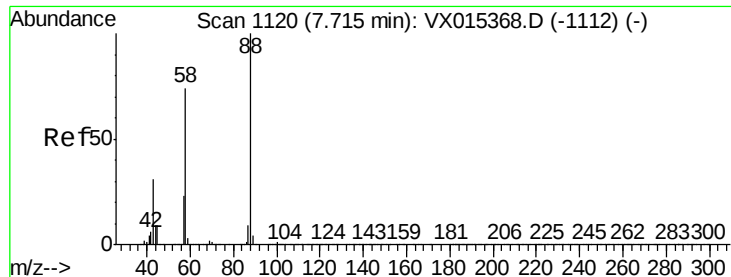
Delta R.T. -0.01 min

Lab File: VX015559.D

Acq: 08 Apr 2020 11:23

Tgt Ion:	41	Resp:	308595
Ion Ratio	Lower	Upper	
41	100		
69	71.2	56.7	85.1
39	57.6	46.5	69.7





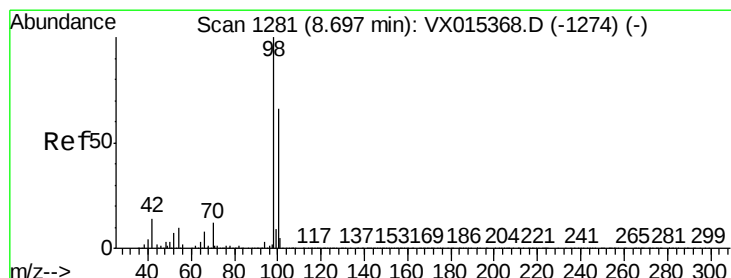
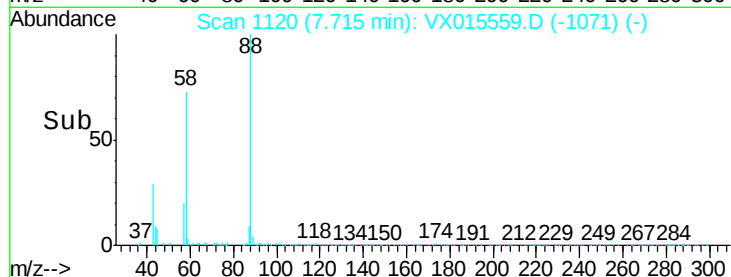
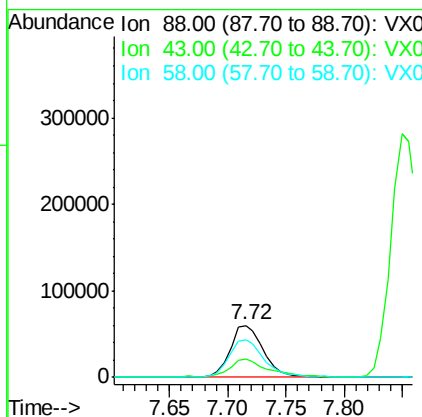
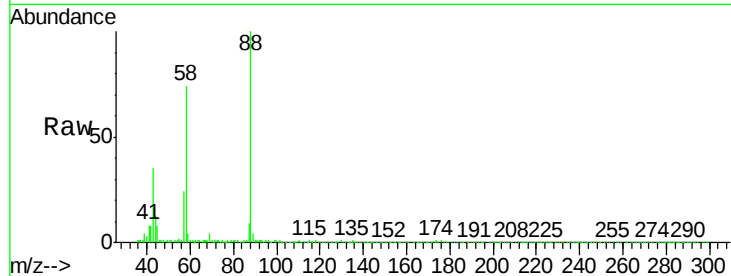
#49
1,4-Dioxane
Concen: 367.175 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. 0.00 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.1	30.1	45.1
58	78.2	60.6	90.8

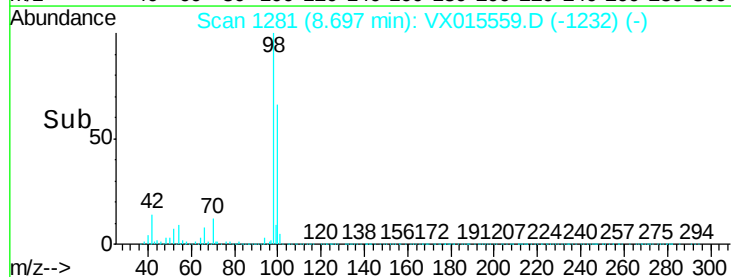
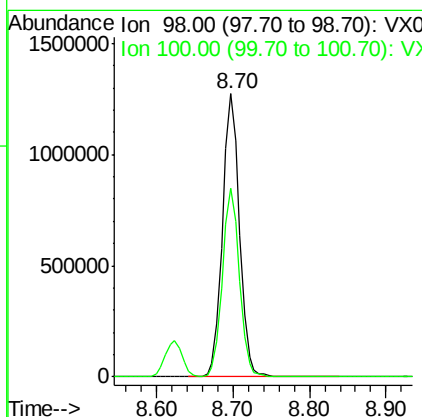
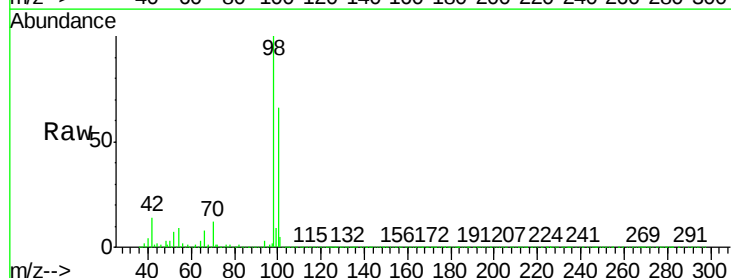
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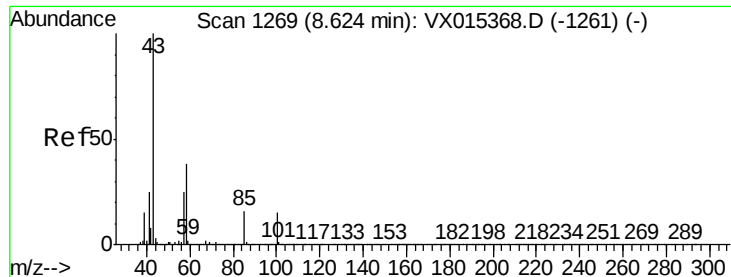
apatel
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#50
Toluene-d8
Concen: 49.725 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	53.5	80.3





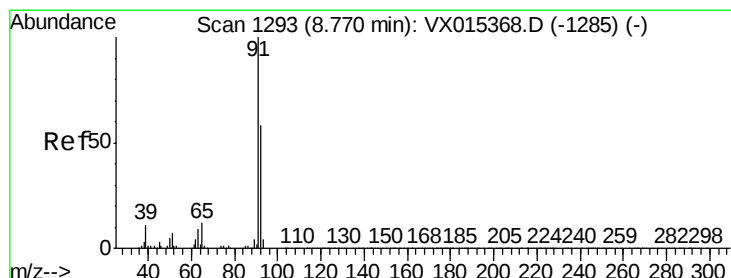
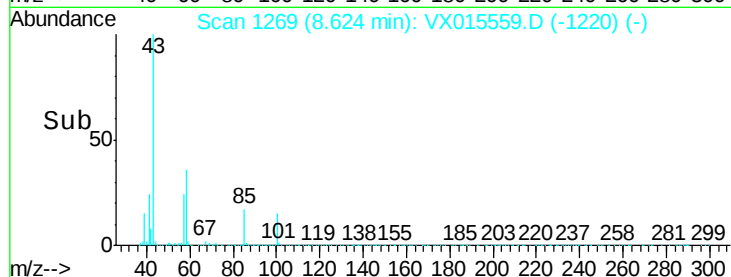
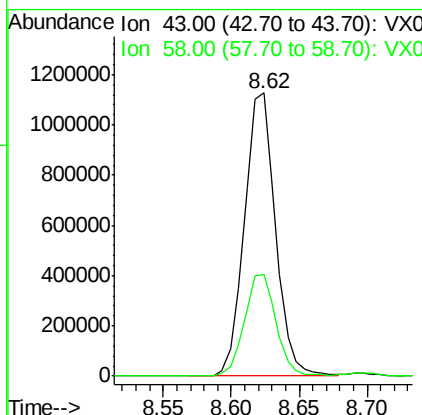
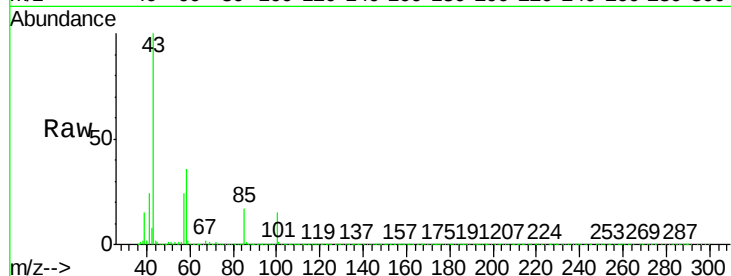
#51
4-Methyl-2-Pentanone
Concen: 94.265 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBS01

Tot Ion: 43 Resp: 1803799
Ion Ratio Lower Upper
43 100
58 36.7 29.7 44.5

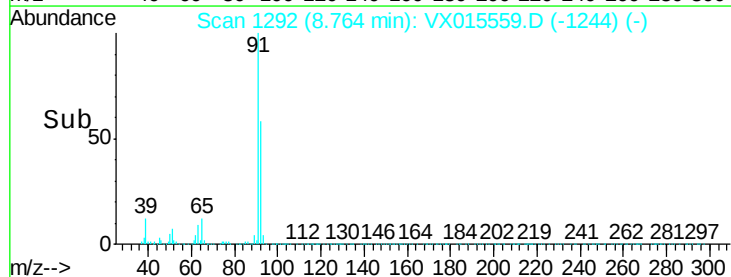
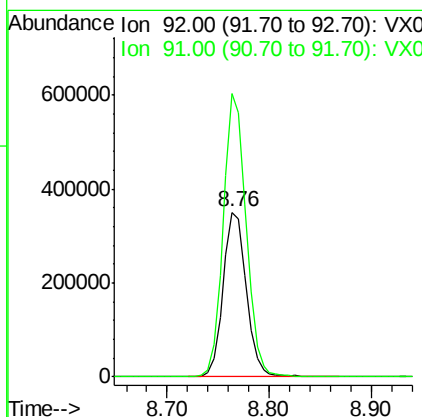
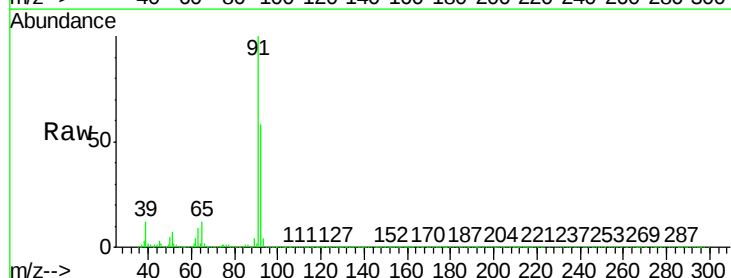
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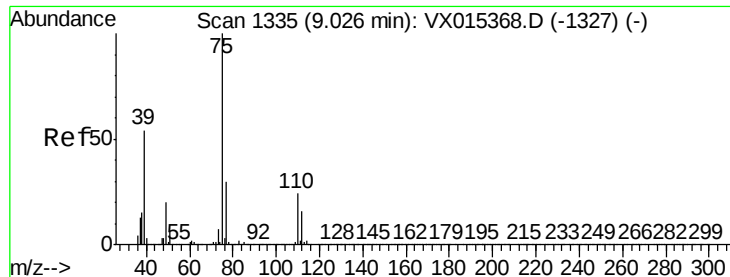
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#52
Toluene
Concen: 20.015 ug/l
RT: 8.76 min Scan# 1292
Delta R.T. -0.01 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Tgt Ion: 92 Resp: 555270
Ion Ratio Lower Upper
92 100
91 168.9 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 18.343 ug/l

RT: 9.02 min Scan# 1334

Delta R.T. -0.01 min

Lab File: VX015559.D

Acq: 08 Apr 2020 11:23

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.1	36.1

Instrument :

MSVOA_X

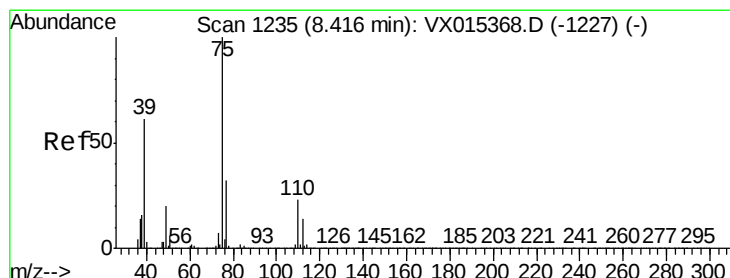
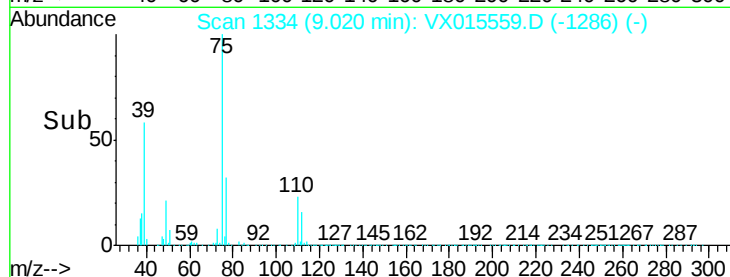
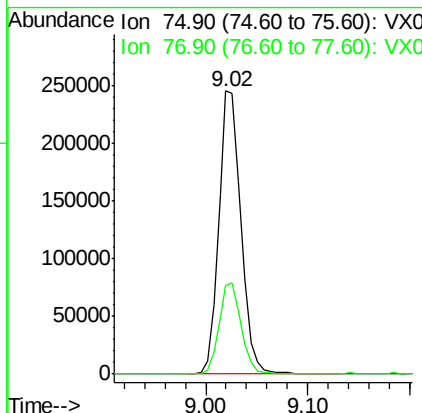
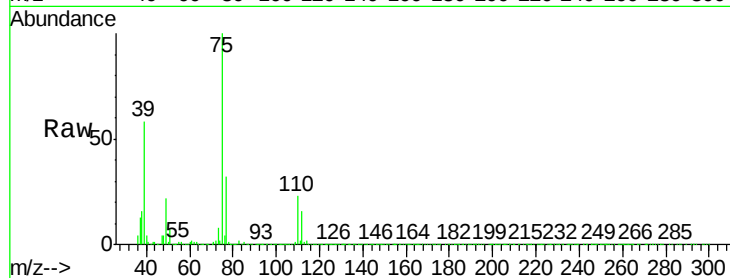
ClientSampleId :

VX0408WBS01

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#54

cis-1,3-Dichloropropene

Concen: 19.380 ug/l

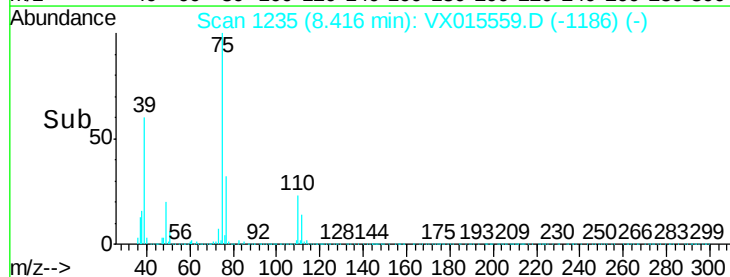
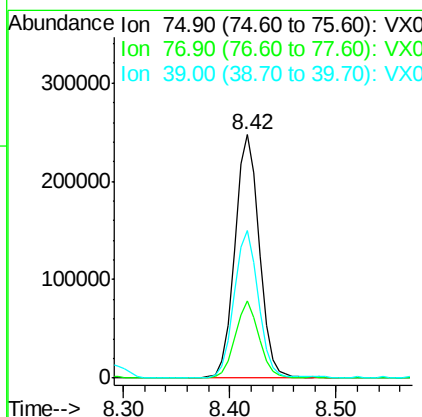
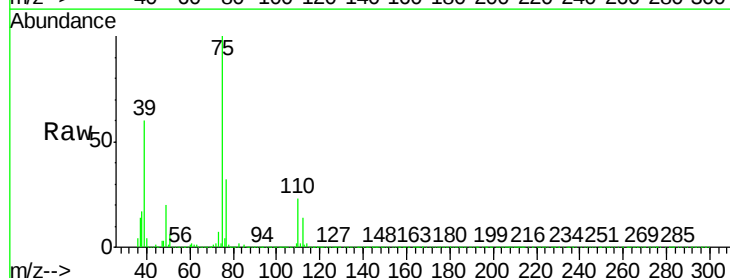
RT: 8.42 min Scan# 1235

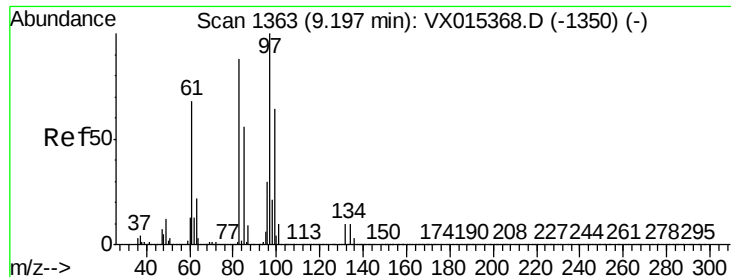
Delta R.T. 0.00 min

Lab File: VX015559.D

Acq: 08 Apr 2020 11:23

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.6	25.8	38.6
39	60.2	49.0	73.4





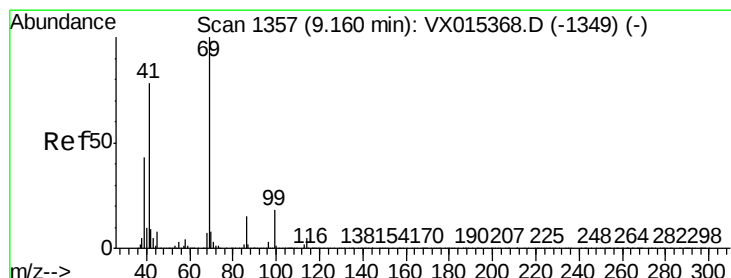
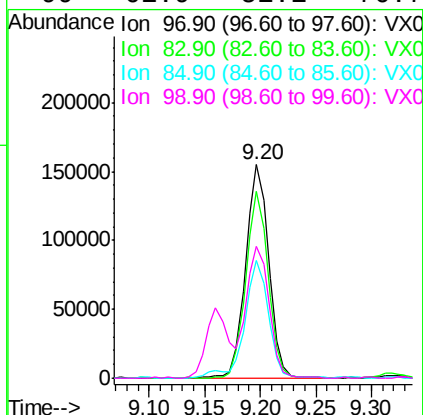
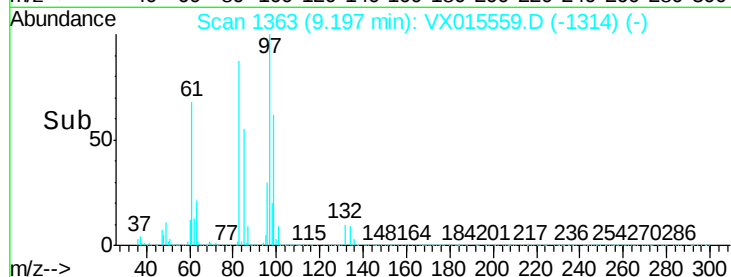
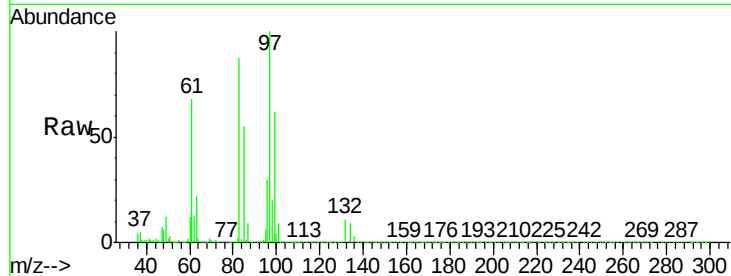
#55
 1,1,2-Trichloroethane
 Concen: 19.577 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015559.D
 Acq: 08 Apr 2020 11:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		222516		
83	87.5	70.2	105.4		
85	55.3	44.7	67.1		
99	61.9	51.1	76.7		

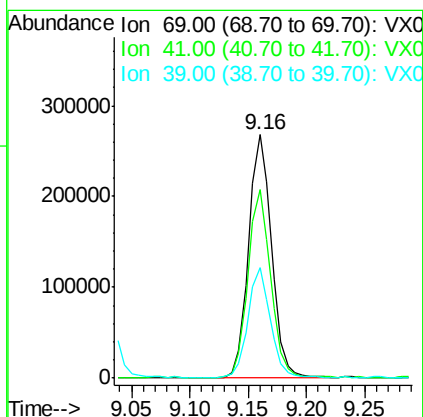
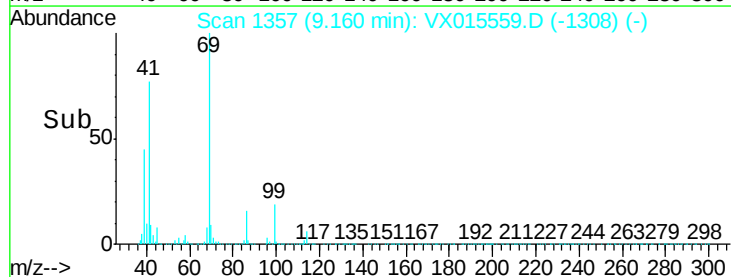
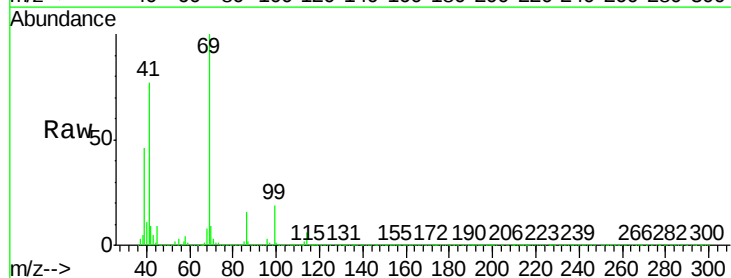
Manual Integrations
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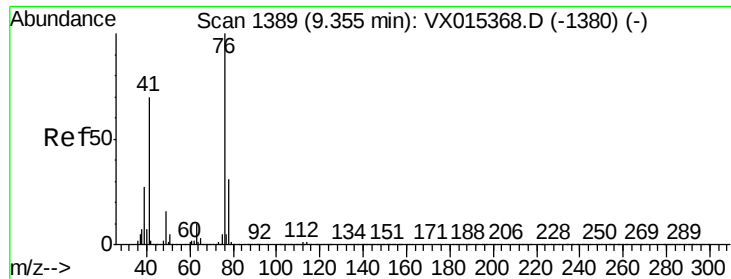
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#56
 Ethyl methacrylate
 Concen: 18.509 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015559.D
 Acq: 08 Apr 2020 11:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		370753		
41	76.5	61.6	92.4		
39	43.7	34.0	51.0		





#57

1,3-Dichloropropane

Concen: 18.937 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015559.D

Acq: 08 Apr 2020 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0408WBS01

Tot Ion: 76 Resp: 387796

Ion Ratio Lower Upper

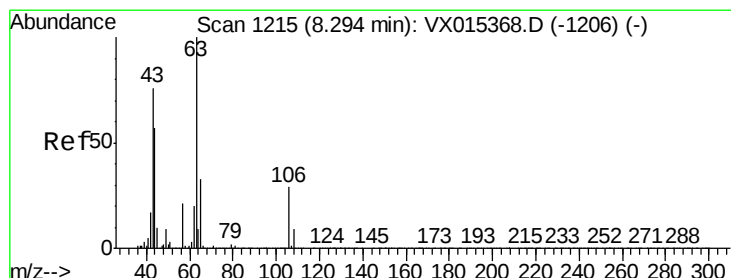
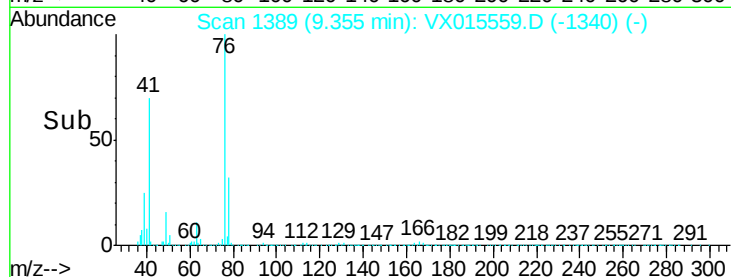
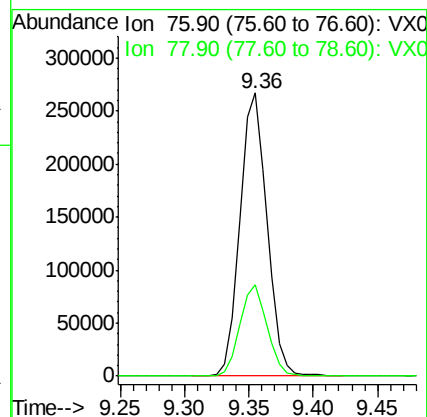
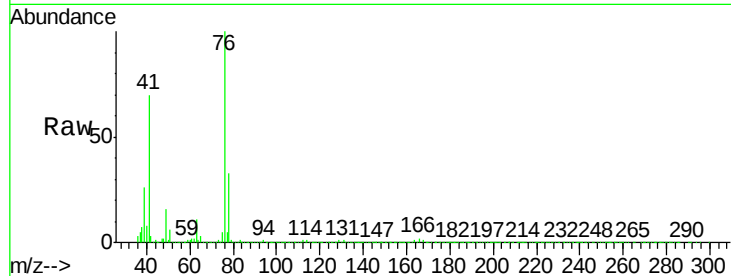
76 100

78 32.6 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 95.386 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015559.D

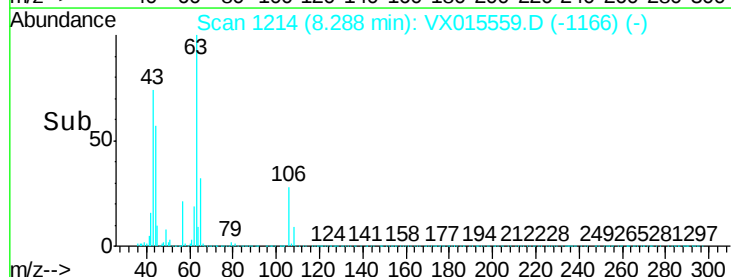
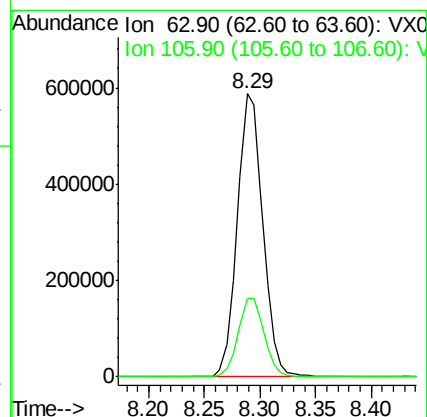
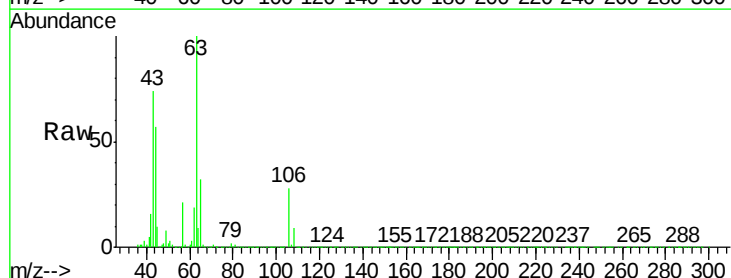
Acq: 08 Apr 2020 11:23

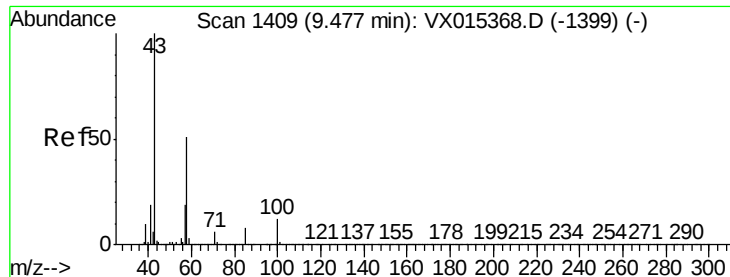
Tgt Ion: 63 Resp: 929385

Ion Ratio Lower Upper

63 100

106 28.4 22.7 34.1





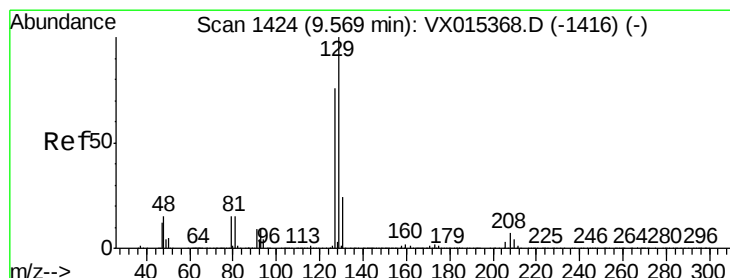
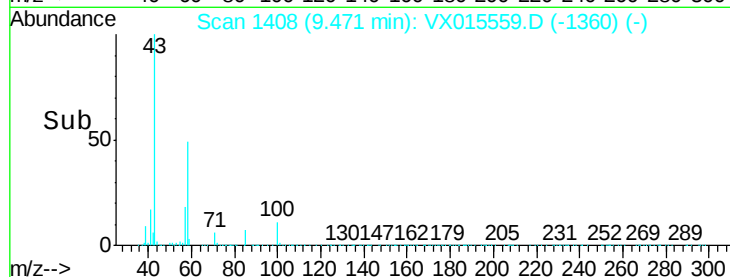
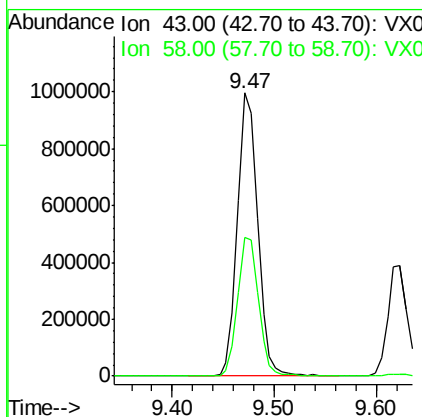
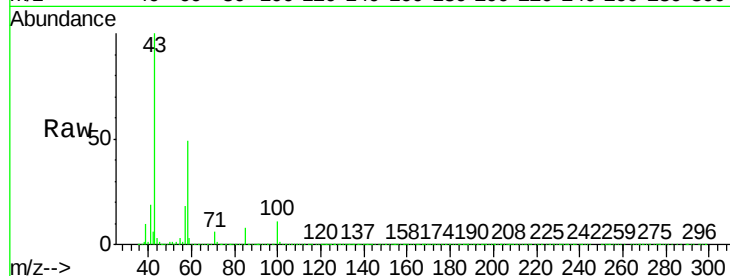
#59
2-Hexanone
Concen: 94.540 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBS01

Tot Ion: 43 Resp: 1365790
Ion Ratio Lower Upper
43 100
58 50.6 25.6 76.6

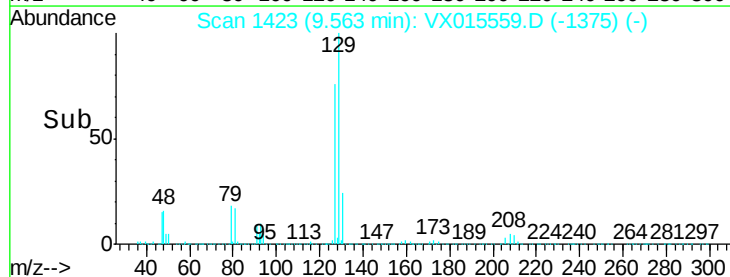
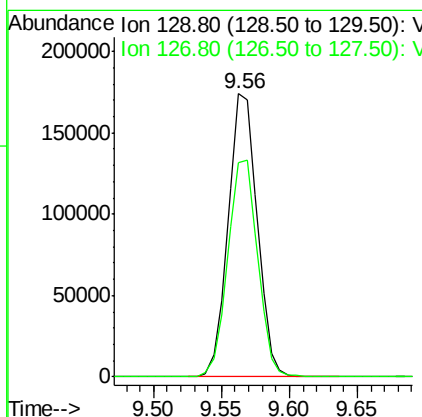
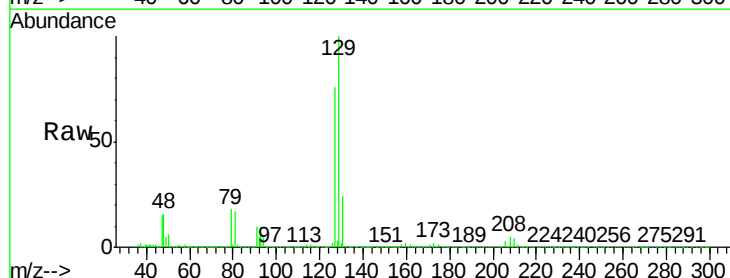
Manual Integrations
APPROVED

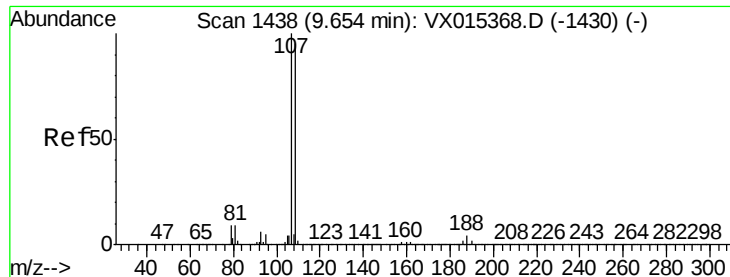
apatel
4/9/2020 9:54:42 AM



#60
Dibromochloromethane
Concen: 18.898 ug/l
RT: 9.56 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Tgt Ion: 129 Resp: 258107
Ion Ratio Lower Upper
129 100
127 78.8 38.2 114.6





#61

1,2-Dibromoethane

Concen: 19.126 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015559.D

Acq: 08 Apr 2020 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0408WBS01

Tot Ion: 107 Resp: 236377

Ion Ratio Lower Upper

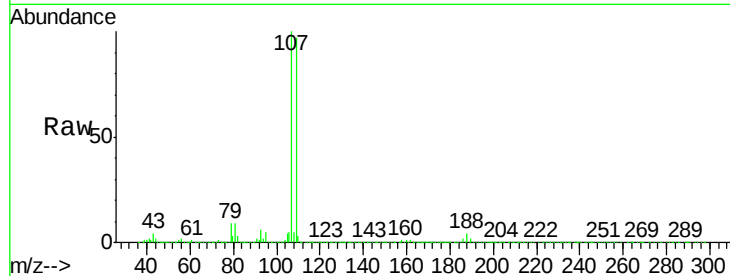
107 100

109 96.5 74.8 112.2

Manual Integrations
APPROVED

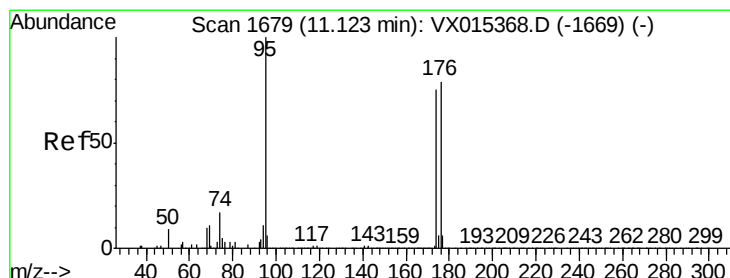
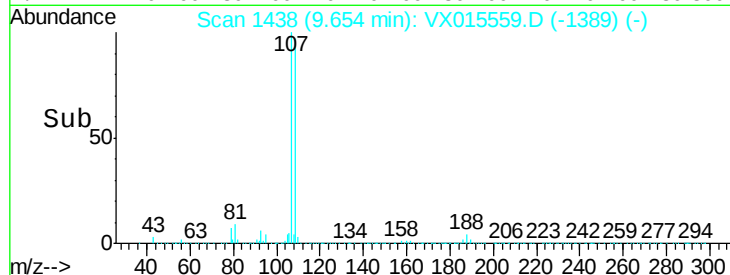
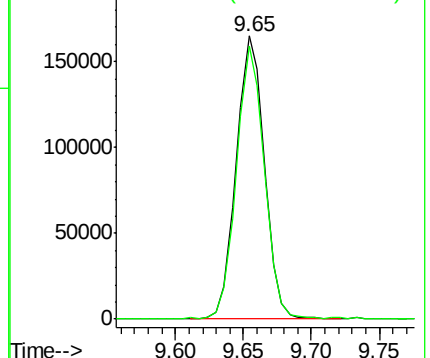
apatel

4/9/2020 9:54:42 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.420 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015559.D

Acq: 08 Apr 2020 11:23

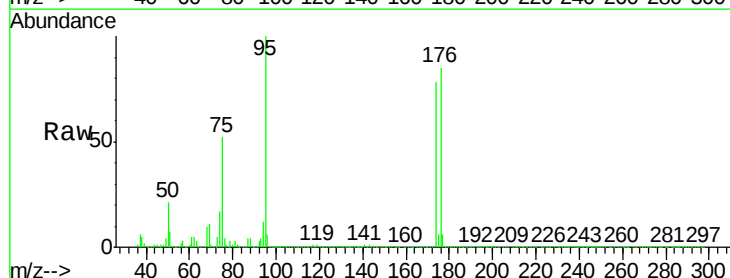
Tgt Ion: 95 Resp: 788061

Ion Ratio Lower Upper

95 100

174 81.6 0.0 158.6

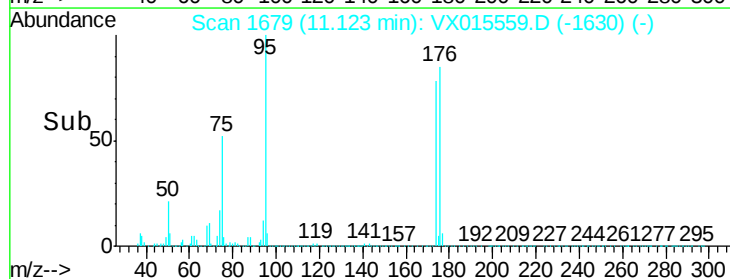
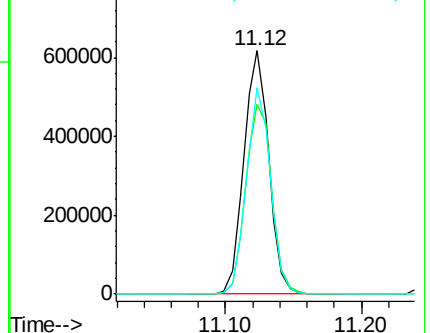
176 82.4 0.0 159.0

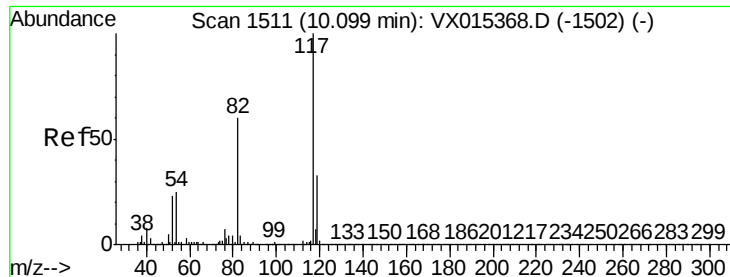


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





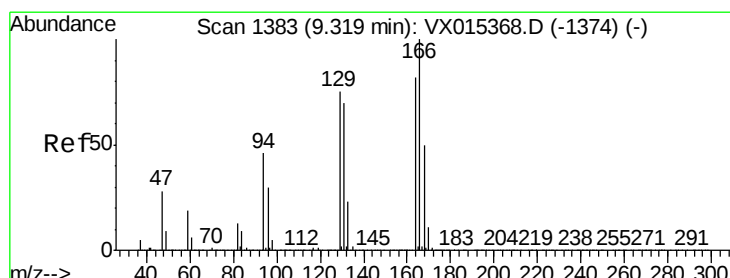
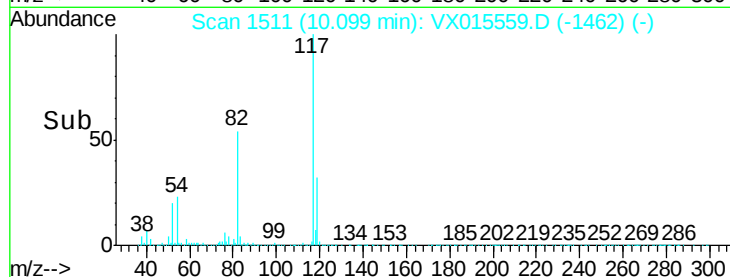
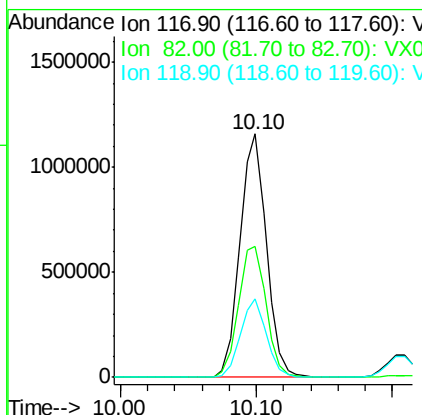
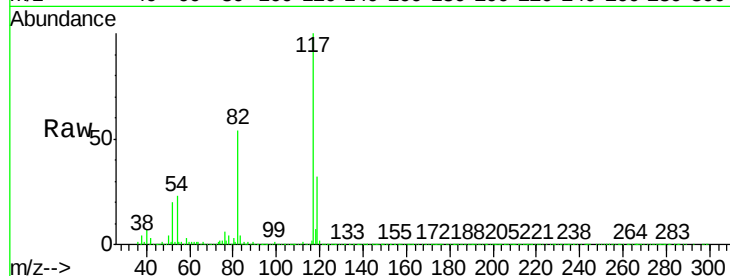
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	47.8	71.8
119	32.4	26.8	40.2

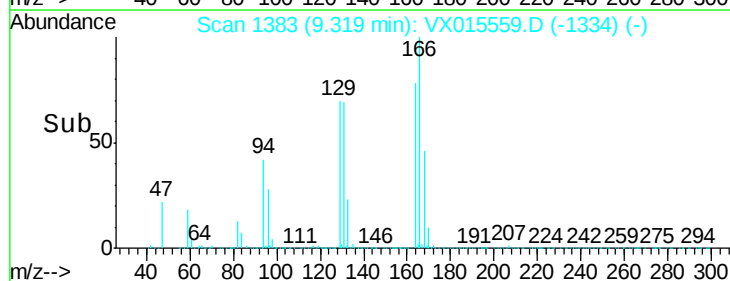
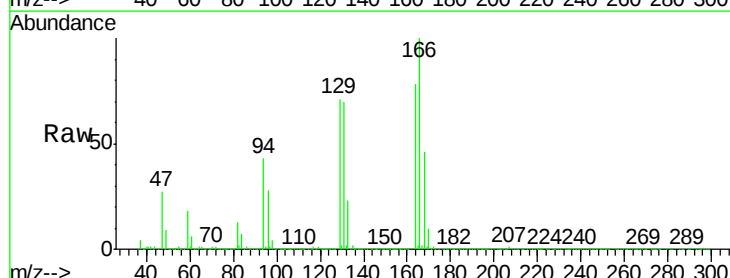
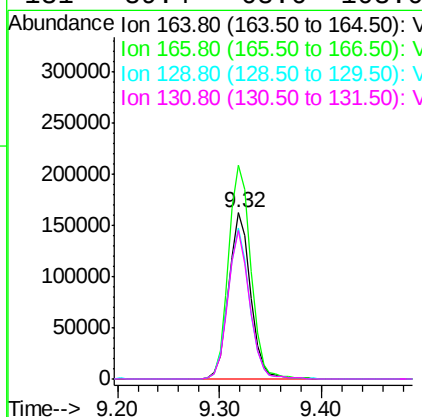
Manual Integrations
APPROVED

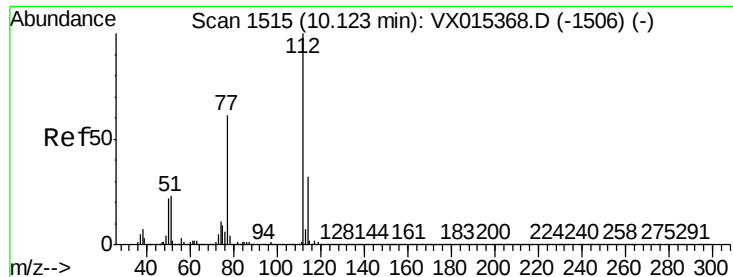
apatel
4/9/2020 9:54:42 AM



#64
Tetrachloroethene
Concen: 20.264 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.6	97.8	146.6
129	90.6	73.0	109.4
131	89.4	68.6	103.0





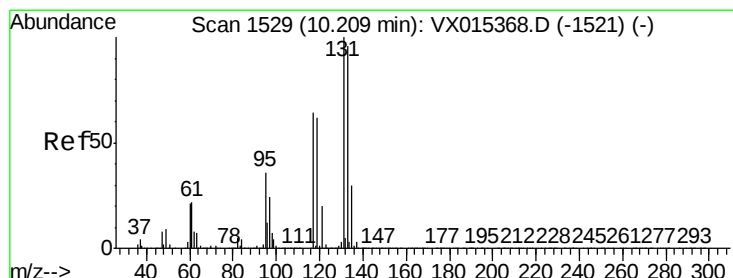
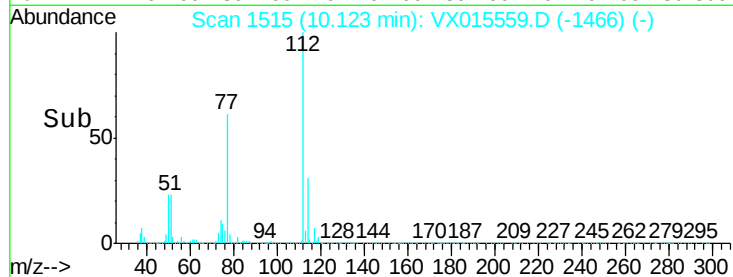
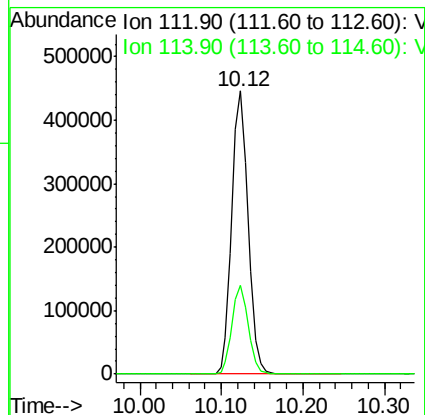
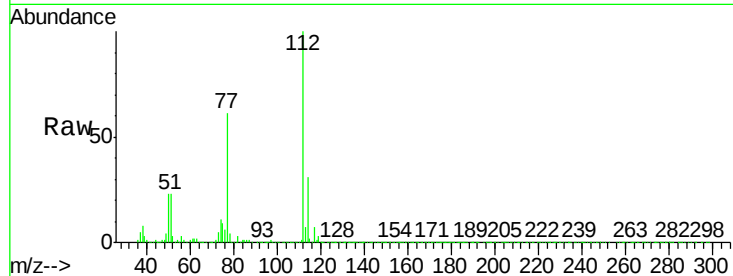
#65
Chlorobenzene
Concen: 19.646 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Instrument :
MSVOA_X
ClientSampled :
VX0408WBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.2	25.5	38.3

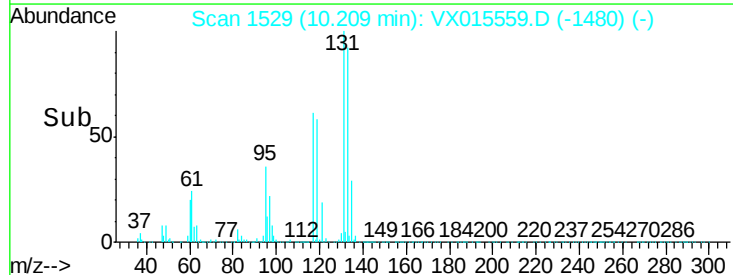
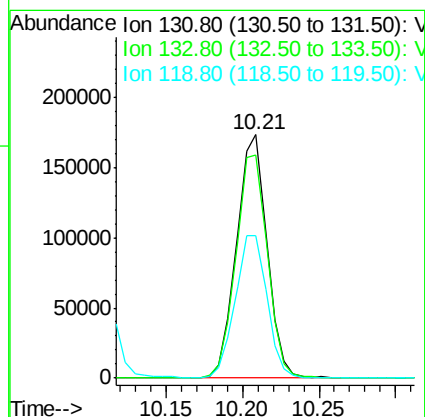
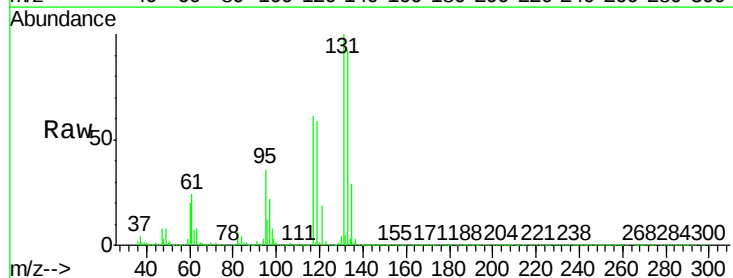
Manual Integrations
APPROVED

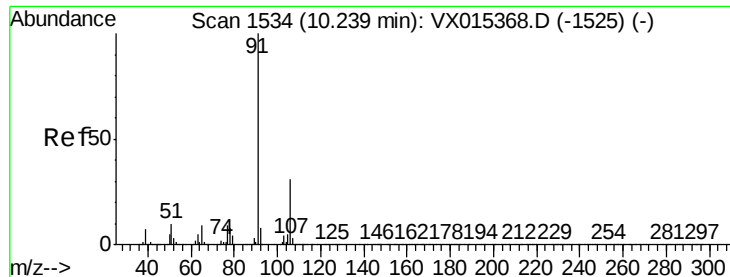
apatel
4/9/2020 9:54:42 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.115 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.0	47.6	142.9
119	60.8	31.1	93.3





#67

Ethyl Benzene

Concen: 19.715 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015559.D

Acq: 08 Apr 2020 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0408WBS01

Tot Ion: 91 Resp: 1093406

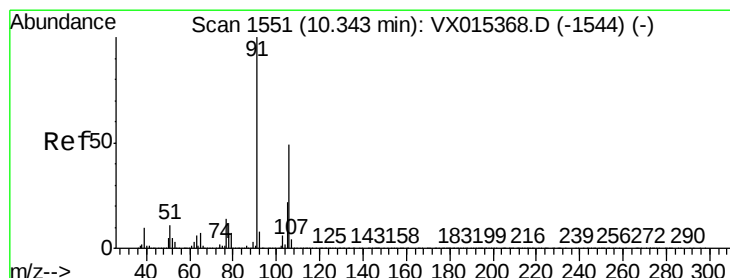
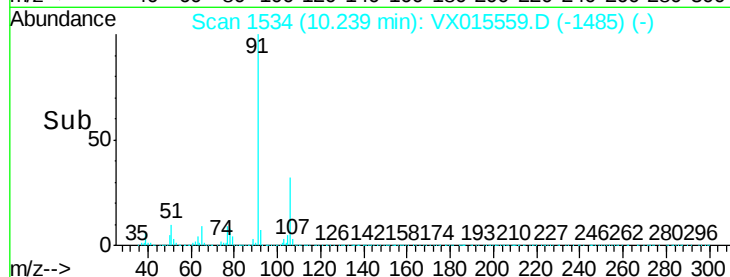
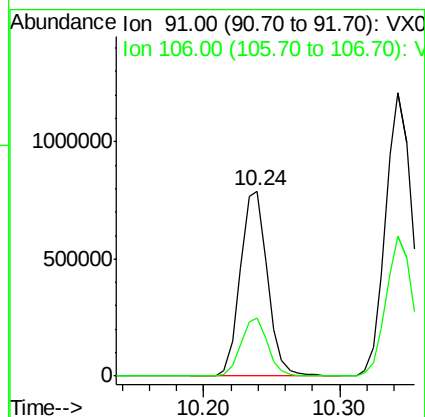
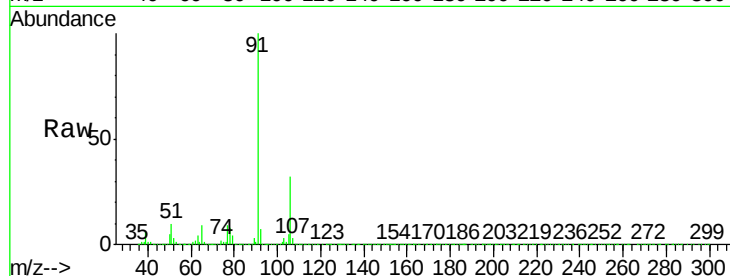
Ion Ratio Lower Upper

91 100

106 31.5 24.8 37.2

Manual Integrations
APPROVED

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#68

m/p-Xylenes

Concen: 39.790 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015559.D

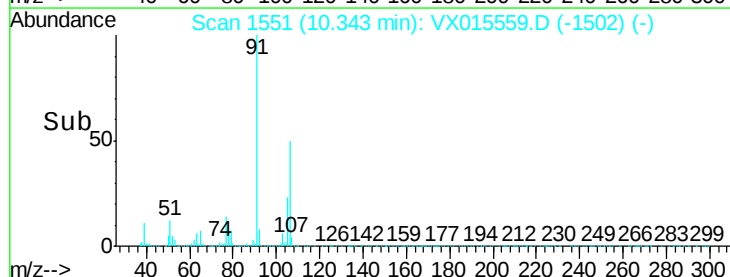
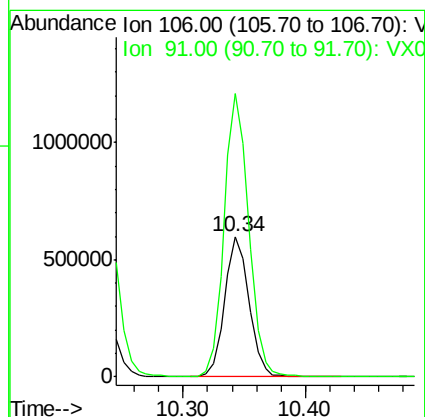
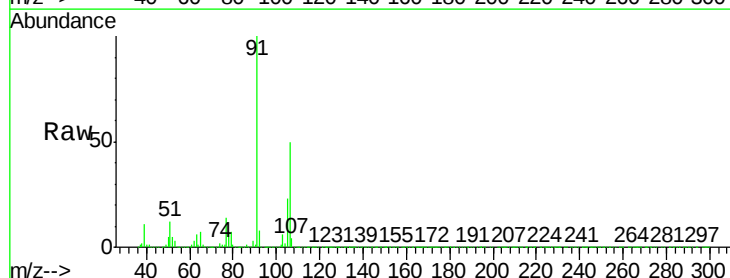
Acq: 08 Apr 2020 11:23

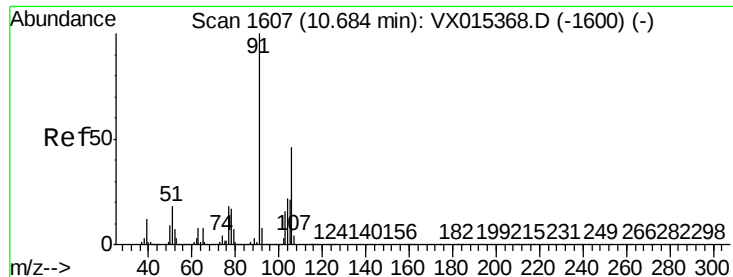
Tgt Ion: 106 Resp: 821720

Ion Ratio Lower Upper

106 100

91 203.7 163.4 245.0





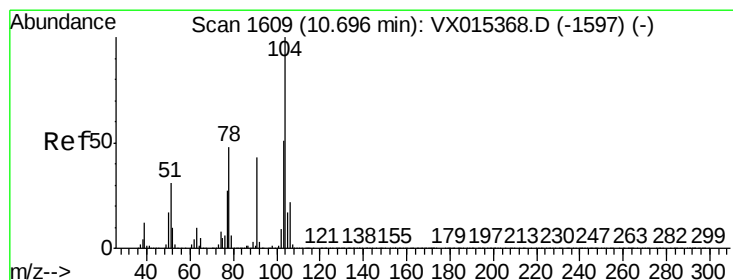
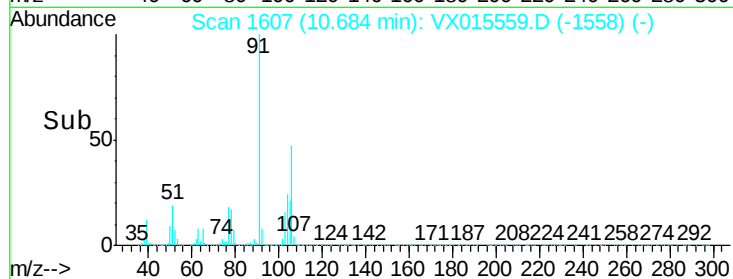
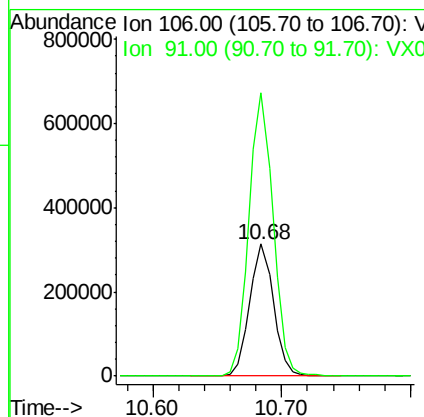
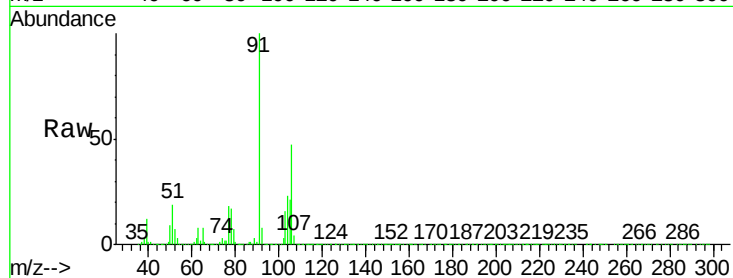
#69
o-Xylene
Concen: 19.567 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBS01

Tot Ion	Ratio	Resp	Lower	Upper
106	100	399306		
91	216.8	107.1	321.3	

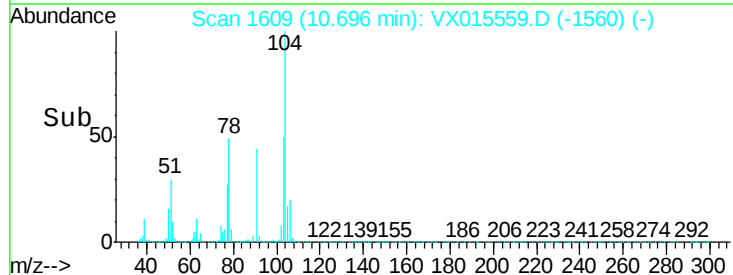
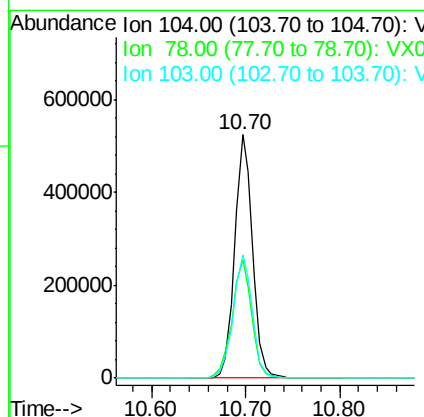
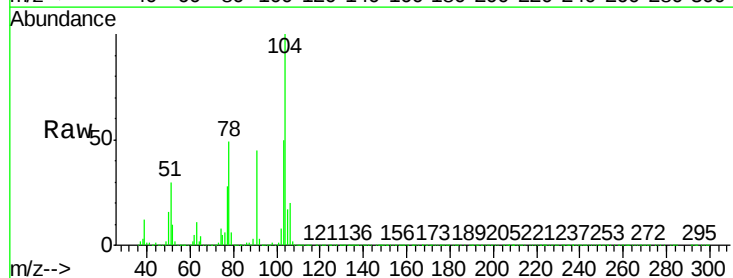
Manual Integrations
APPROVED

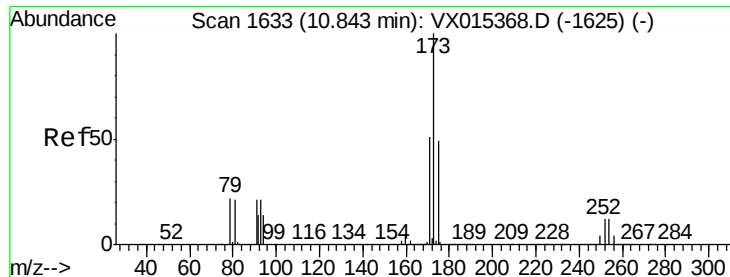
apatel
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#70
Styrene
Concen: 19.147 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	687556		
78	53.2	42.0	63.0	
103	54.6	43.4	65.0	





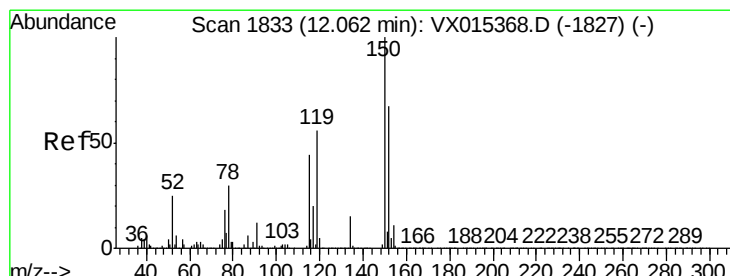
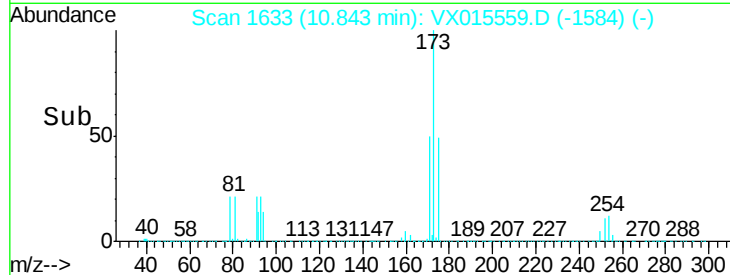
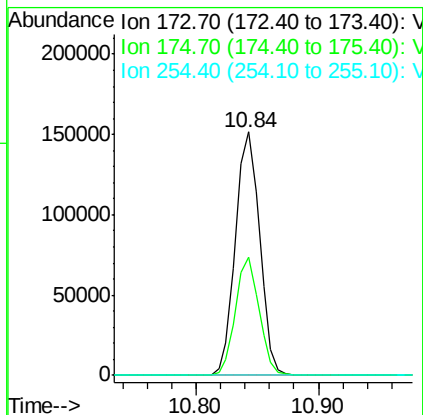
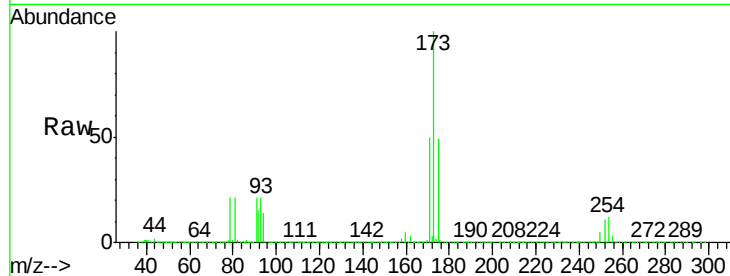
#71
Bromoform
Concen: 18.159 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBS01

Tot Ion	Ratio	Resp	Lower	Upper
173	100	206507		
175	47.9	23.9	71.7	
254	0.3	0.1	0.1#	

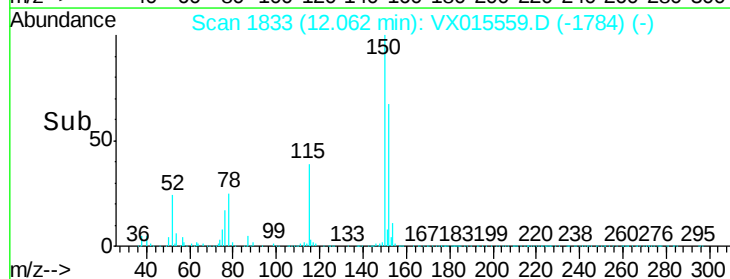
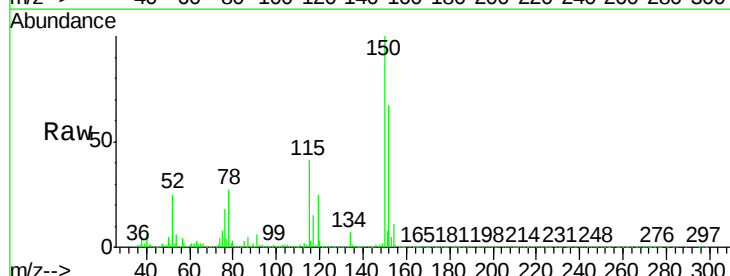
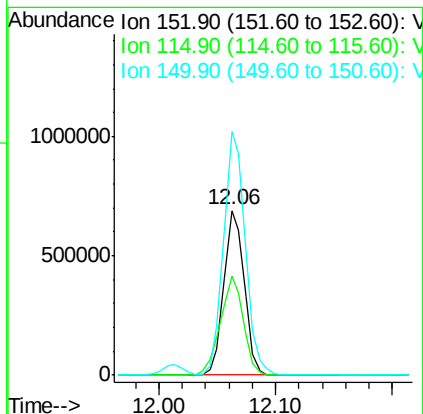
Manual Integrations
APPROVED

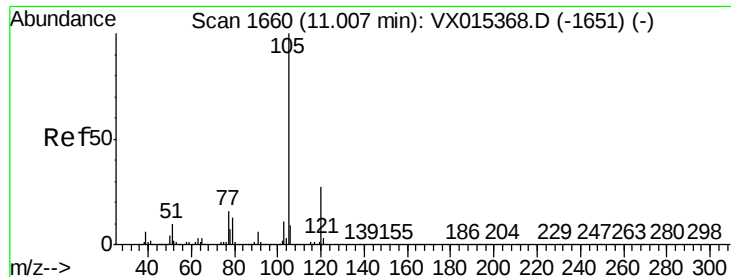
apatel
4/9/2020 9:54:42 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	834013		
115	66.9	39.0	116.9	
150	158.0	0.0	340.8	





#73

Isopropylbenzene

Concen: 19.646 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VX015559.D

Acq: 08 Apr 2020 11:23

Instrument :

MSVOA_X

ClientSampleId :

VX0408WBS01

Tot Ion: 105 Resp: 1073595

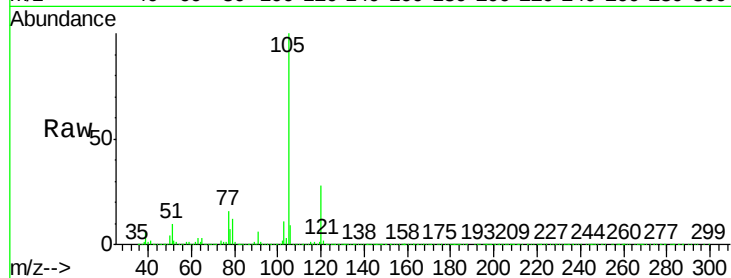
Ion Ratio Lower Upper

105 100

120 27.0 13.2 39.5

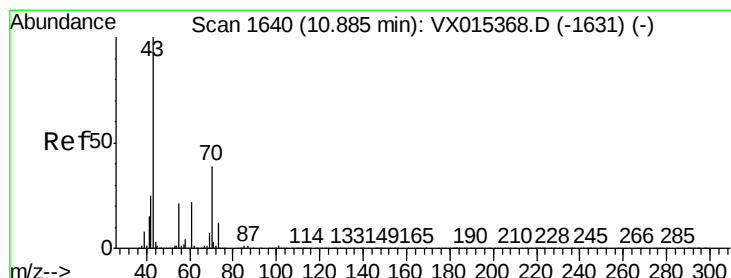
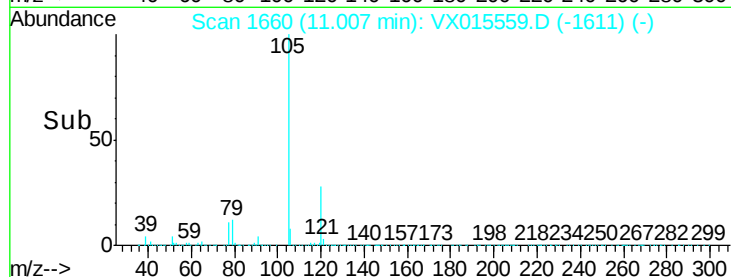
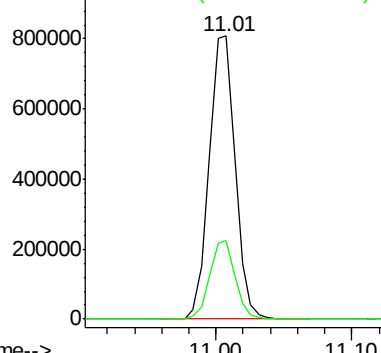
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 17.576 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. 0.00 min

Lab File: VX015559.D

Acq: 08 Apr 2020 11:23

Tgt Ion: 43 Resp: 534181

Ion Ratio Lower Upper

43 100

70 38.2 30.2 45.4

55 21.9 16.8 25.2

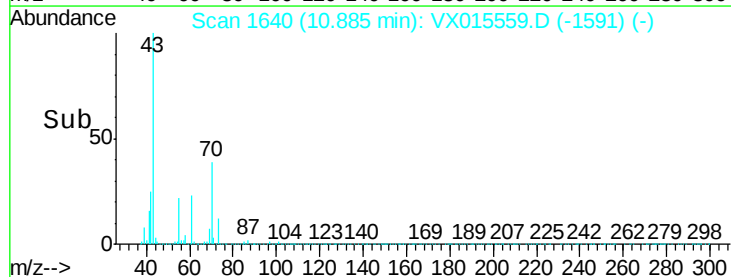
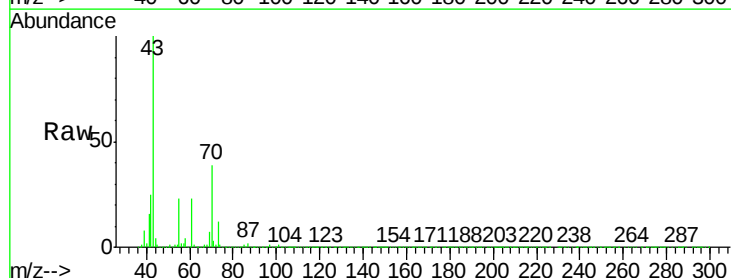
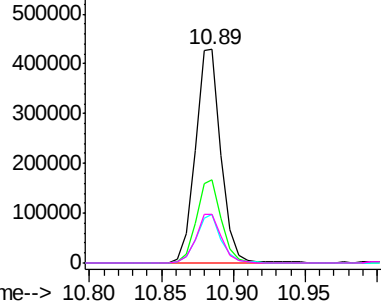
61 22.6 18.2 27.2

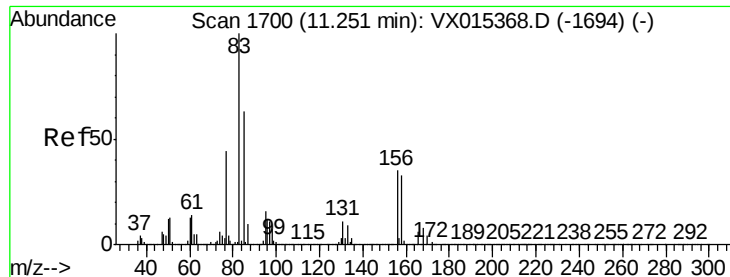
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.116 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015559.D

Acq: 08 Apr 2020 11:23

Instrument :

MSVOA_X

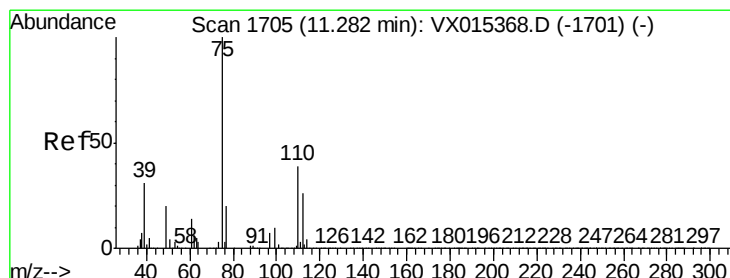
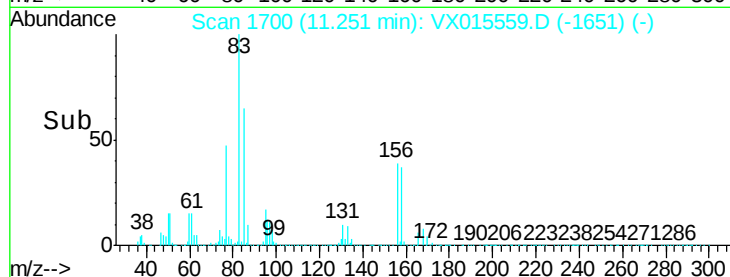
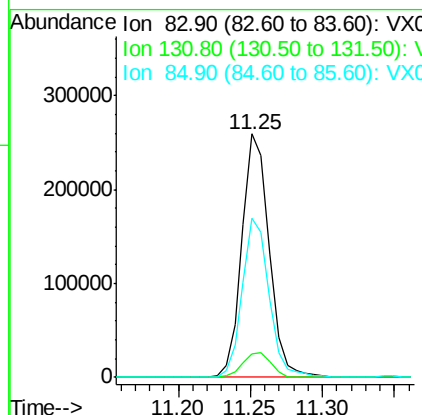
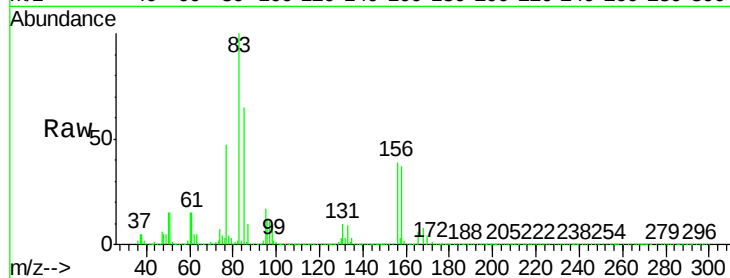
ClientSampleId :

VX0408WBS01

Tot Ion:	83	Resp:	339700
Ion Ratio	Lower	Upper	
83	100		
131	10.8	5.3	16.1
85	64.9	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 18.677 ug/l m

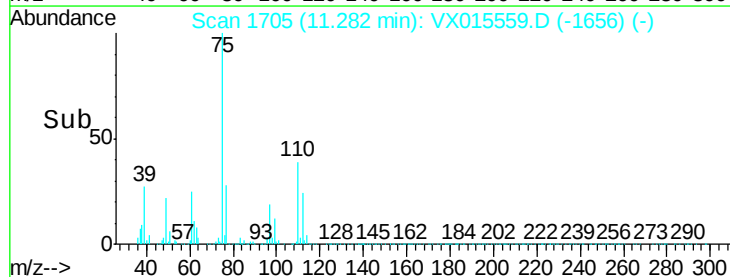
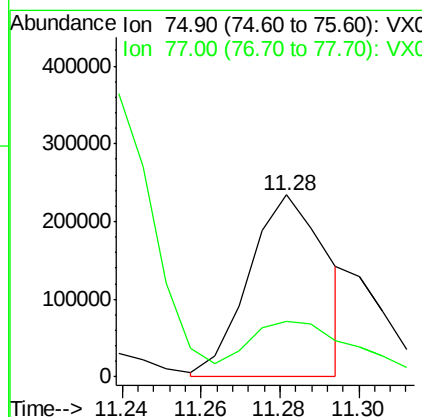
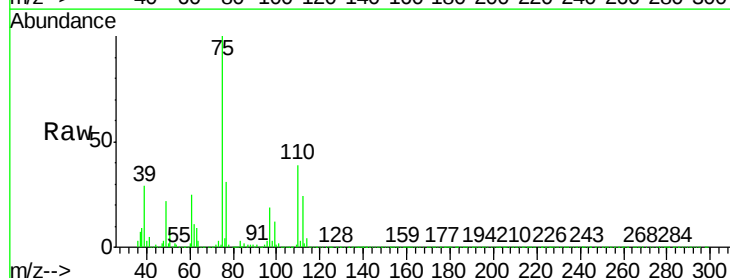
RT: 11.28 min Scan# 1705

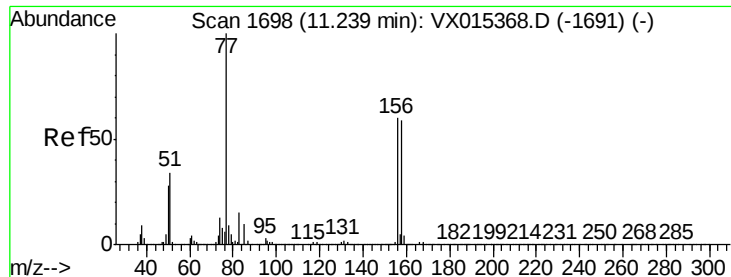
Delta R.T. 0.00 min

Lab File: VX015559.D

Acq: 08 Apr 2020 11:23

Tgt Ion:	75	Resp:	320321
Ion Ratio	Lower	Upper	
75	100		
77	41.6	21.2	63.6





#77

Bromobenzene

Concen: 19.329 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015559.D

Acq: 08 Apr 2020 11:23

Instrument :

MSVOA_X

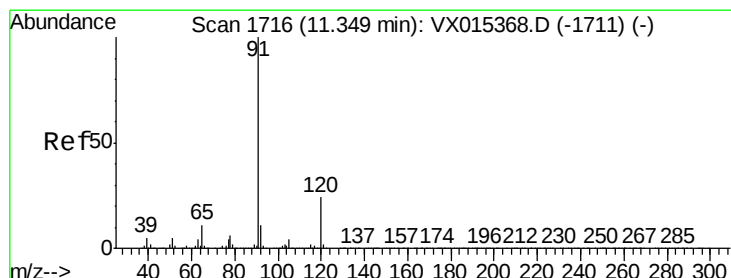
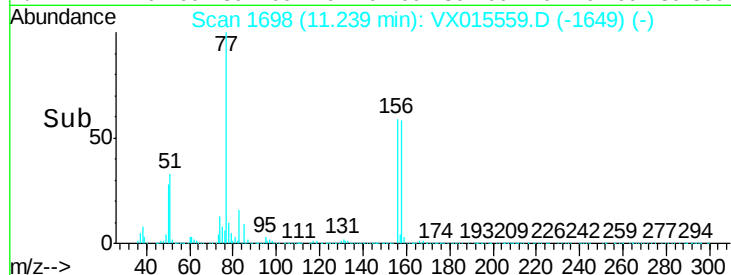
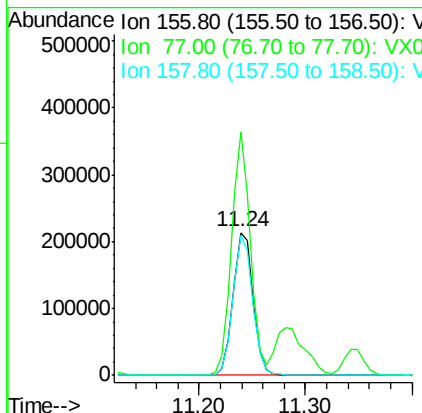
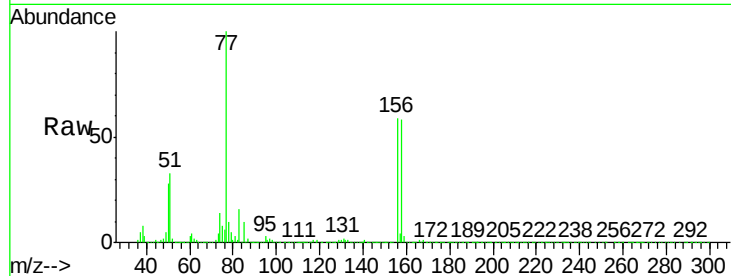
ClientSampleId :

VX0408WBS01

Tot Ion:	156	Resp:	281741
Ion Ratio	Lower	Upper	
156	100		
77	160.4	82.2	246.5
158	96.7	49.3	147.9

Manual Integrations
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#78

n-propylbenzene

Concen: 19.745 ug/l

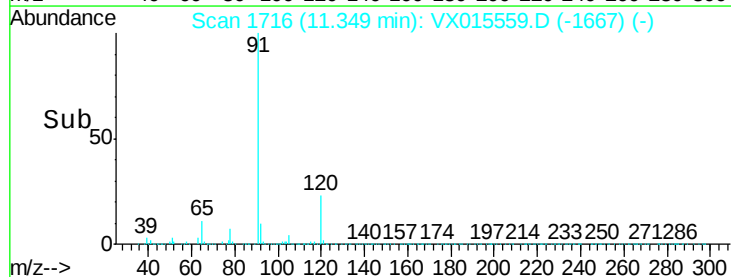
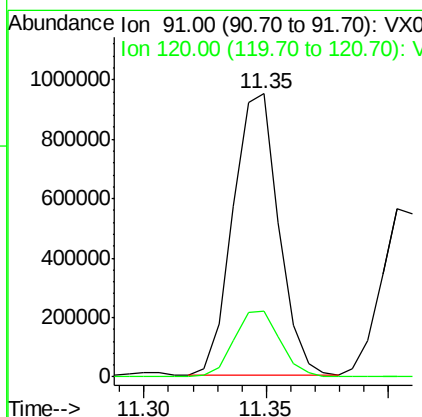
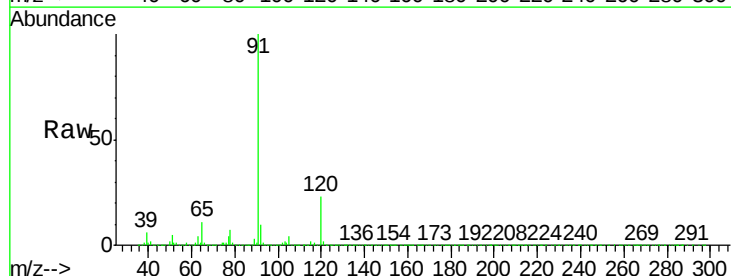
RT: 11.35 min Scan# 1716

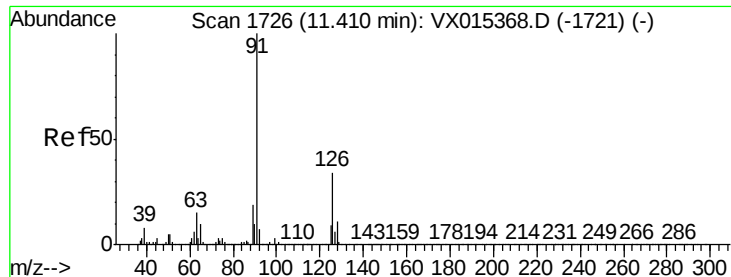
Delta R.T. 0.00 min

Lab File: VX015559.D

Acq: 08 Apr 2020 11:23

Tgt Ion:	91	Resp:	1233763
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.7	35.0





#79

2-Chlorotoluene

Concen: 19.614 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015559.D

Acq: 08 Apr 2020 11:23

Instrument :

MSVOA_X

ClientSampled :

VX0408WBS01

Tot Ion: 91 Resp: 751192

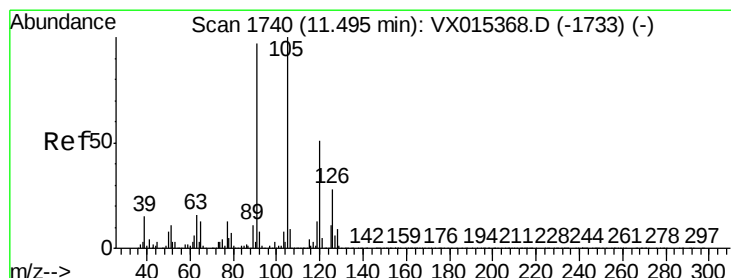
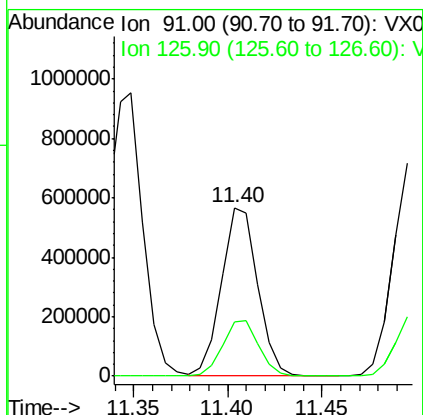
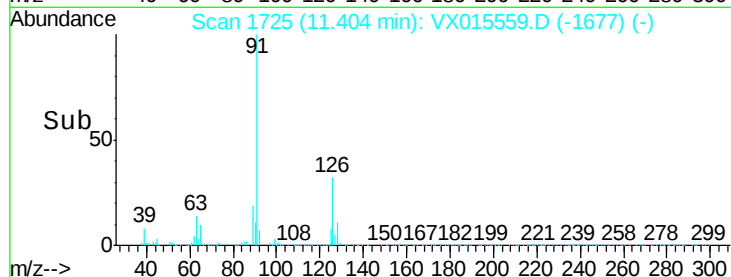
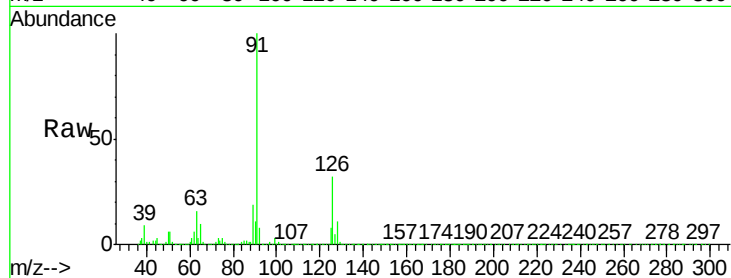
Ion Ratio Lower Upper

91 100

126 33.1 16.5 49.5

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#80

1,3,5-Trimethylbenzene

Concen: 19.724 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015559.D

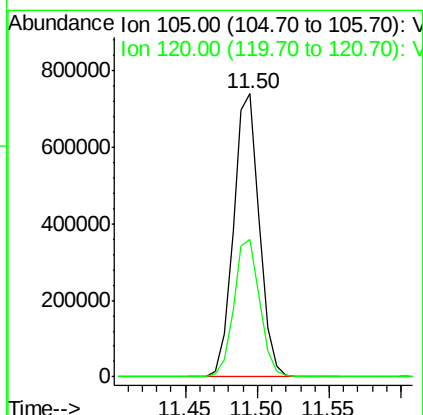
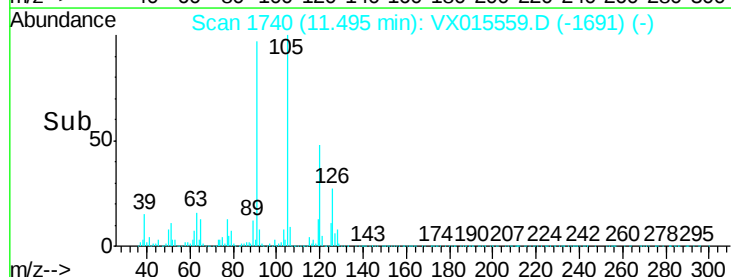
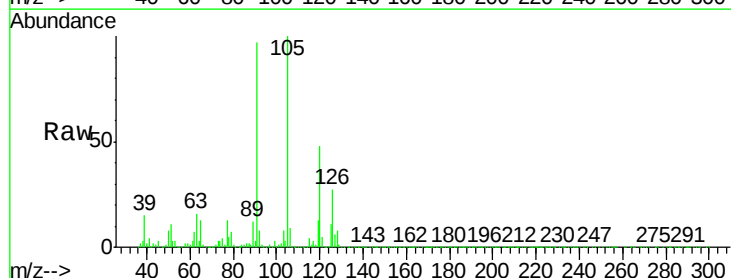
Acq: 08 Apr 2020 11:23

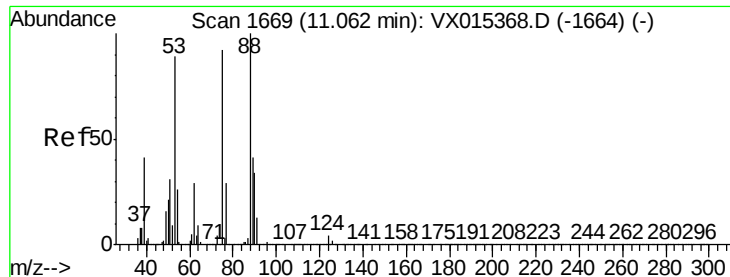
Tgt Ion: 105 Resp: 920517

Ion Ratio Lower Upper

105 100

120 48.8 24.8 74.4





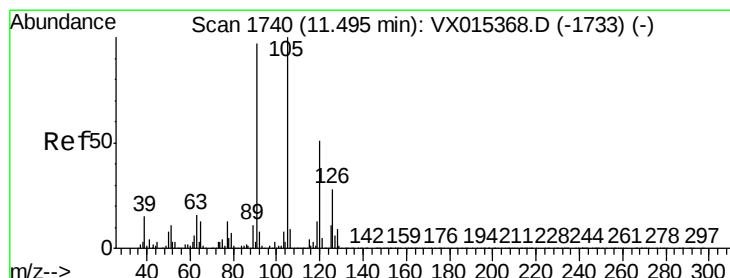
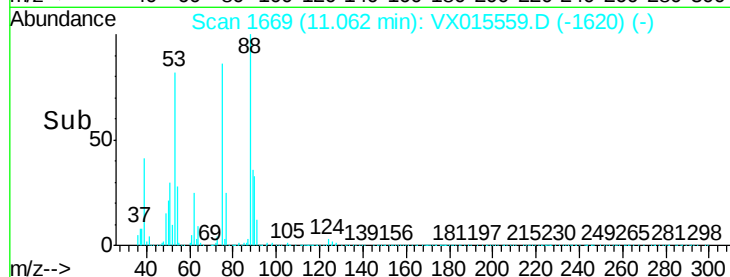
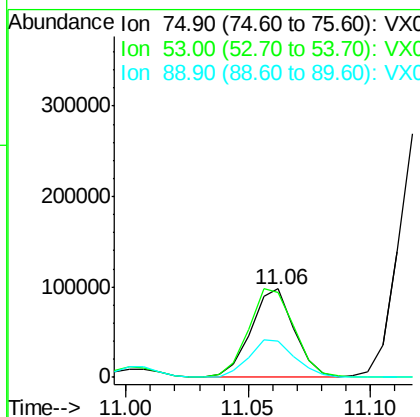
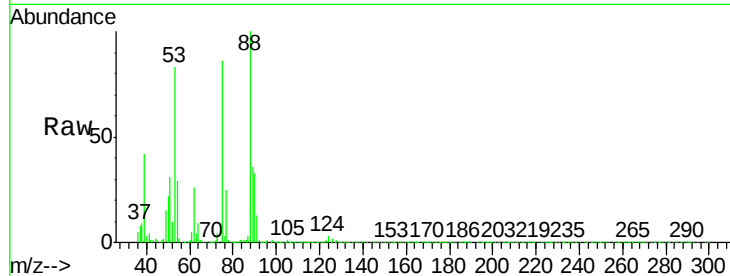
#81
trans-1,4-Dichloro-2-butene
Concen: 16.614 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. 0.00 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.6	80.1	120.1
89	45.8	36.1	54.1

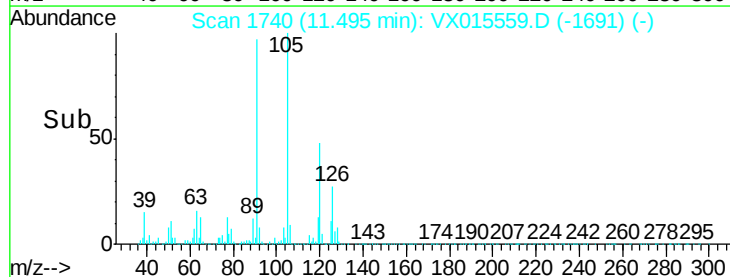
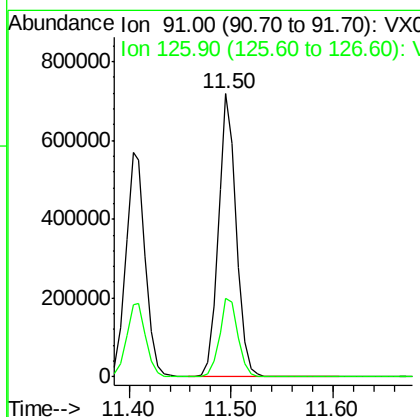
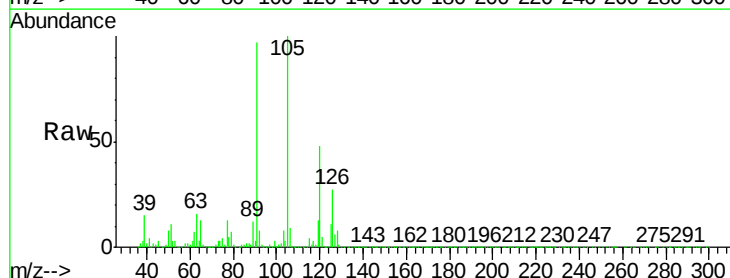
Manual Integrations
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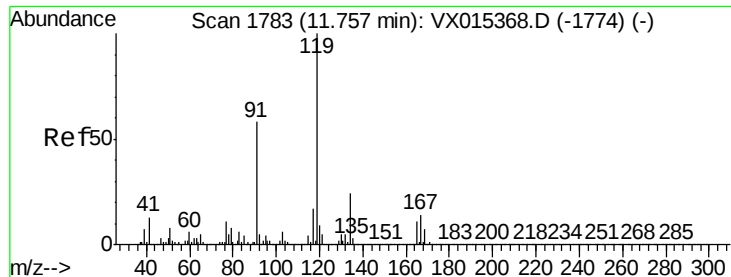
apatel
4/9/2020 9:54:42 AM



#82
4-Chlorotoluene
Concen: 19.613 ug/l
RT: 11.50 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.9	14.7	44.1





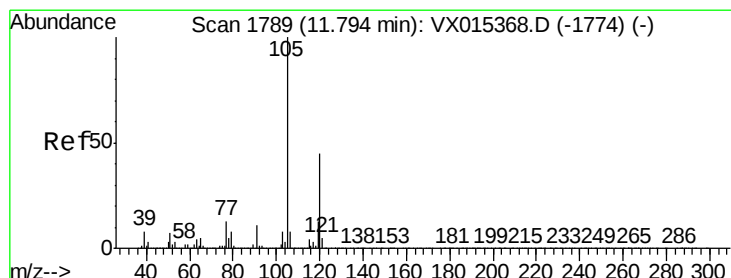
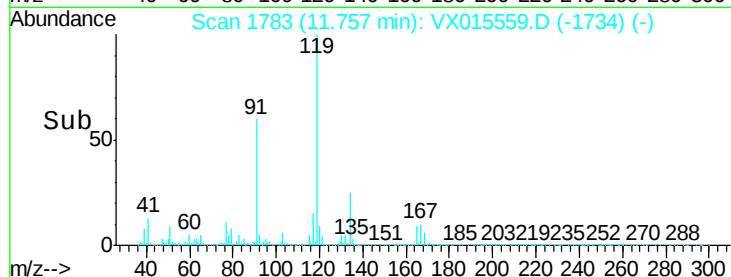
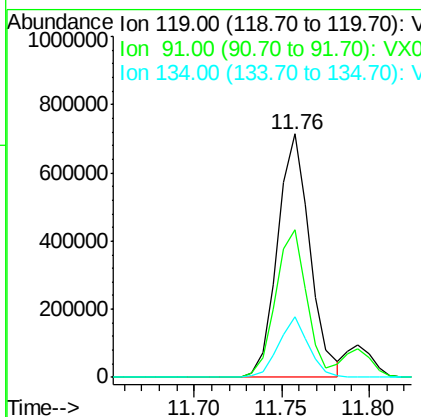
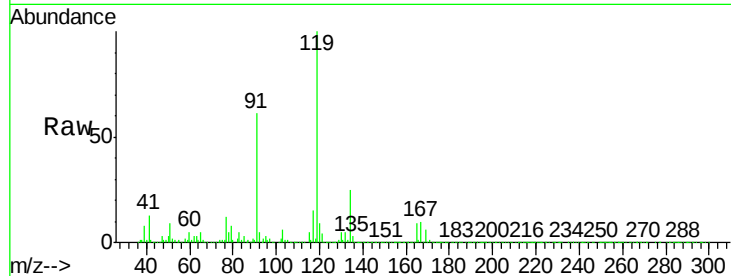
#83
tert-Butylbenzene
Concen: 20.207 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBS01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	921166		
91	58.0	28.6	85.8	
134	22.8	11.8	35.3	

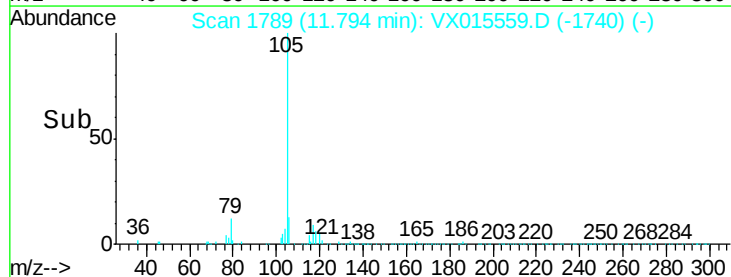
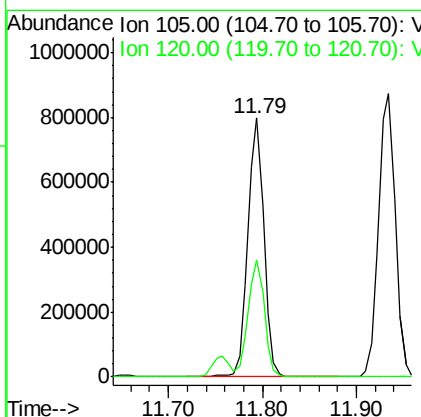
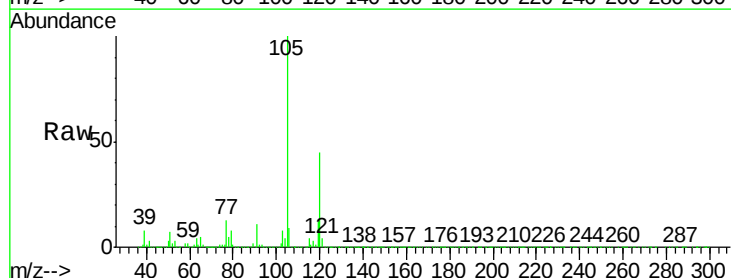
Manual Integrations
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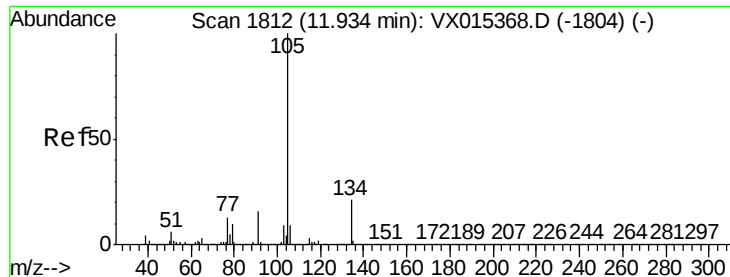
apatel
4/9/2020 9:54:42 AM



#84
1,2,4-Trimethylbenzene
Concen: 20.043 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	953224		
120	45.6	22.7	68.1	





#85

sec-Butylbenzene

Concen: 20.479 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015559.D

Acq: 08 Apr 2020 11:23

Instrument :

MSVOA_X

ClientSampled :

VX0408WBS01

Tot Ion:105 Resp: 1079701

Ion Ratio Lower Upper

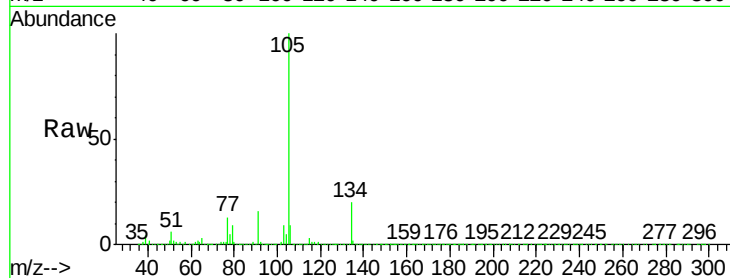
105 100

134 20.0 10.4 31.1

Manual Integrations
APPROVED

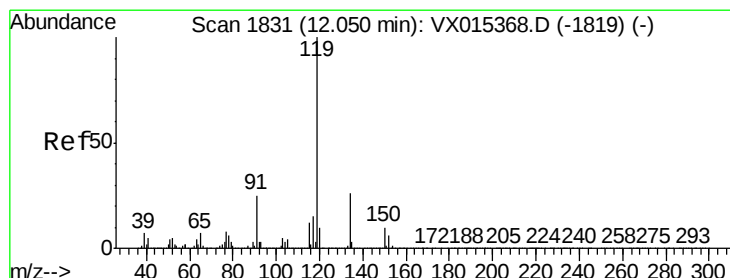
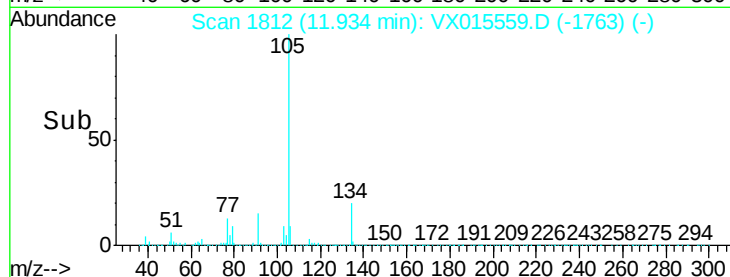
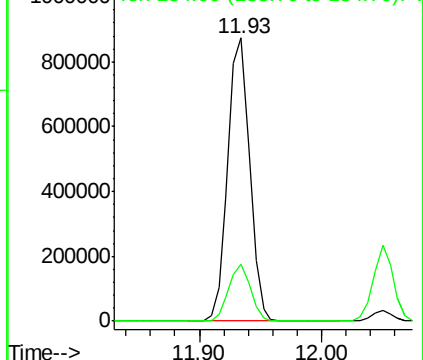
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.722 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015559.D

Acq: 08 Apr 2020 11:23

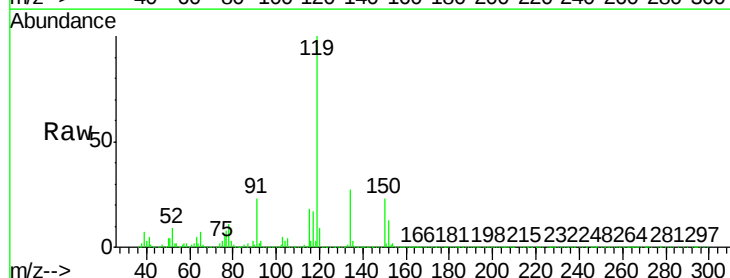
Tgt Ion:119 Resp: 1014213

Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.3

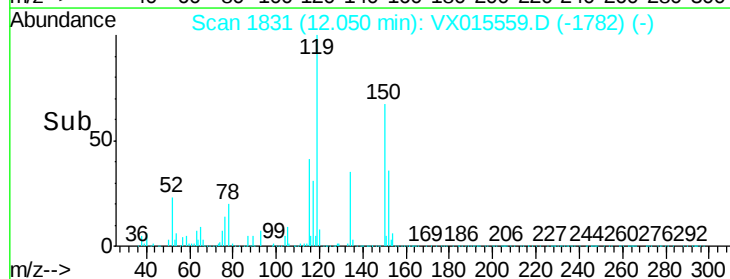
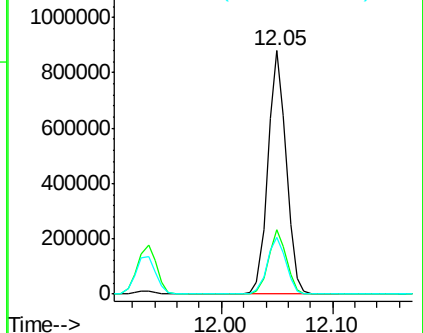
91 23.9 12.4 37.4

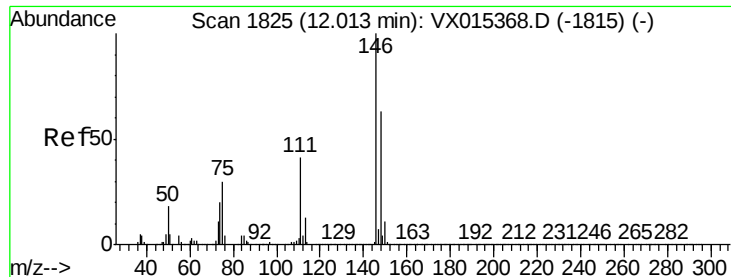


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





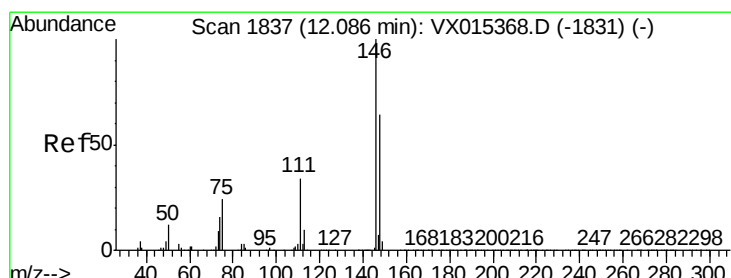
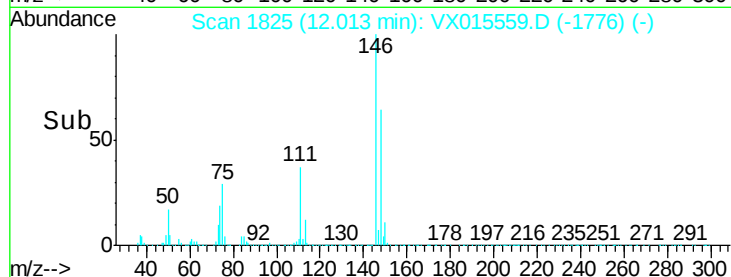
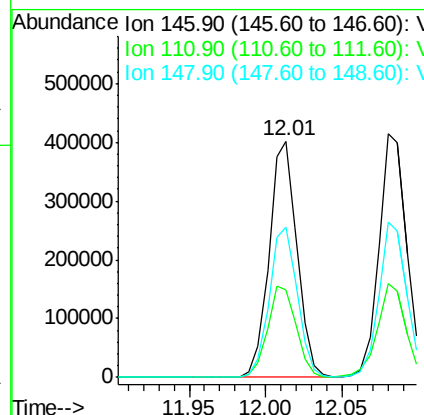
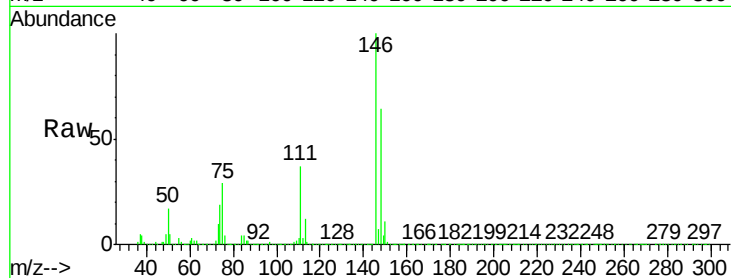
#87
 1,3-Dichlorobenzene
 Concen: 19.564 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015559.D
 Acq: 08 Apr 2020 11:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.3	60.9
148	64.4	31.3	93.9

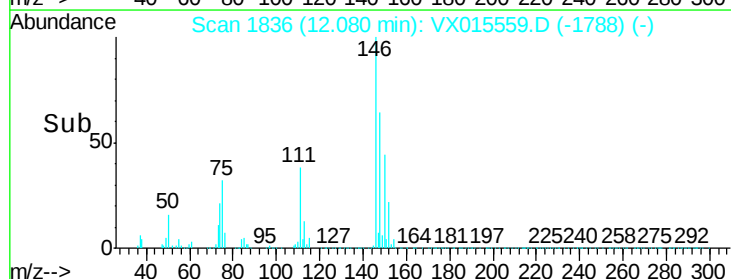
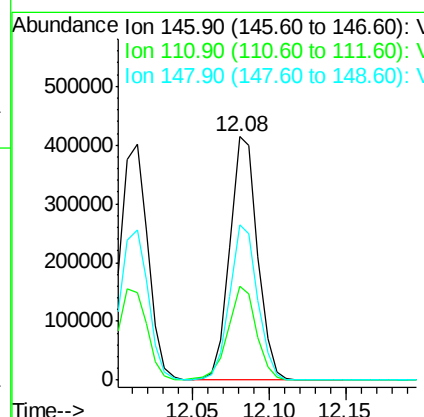
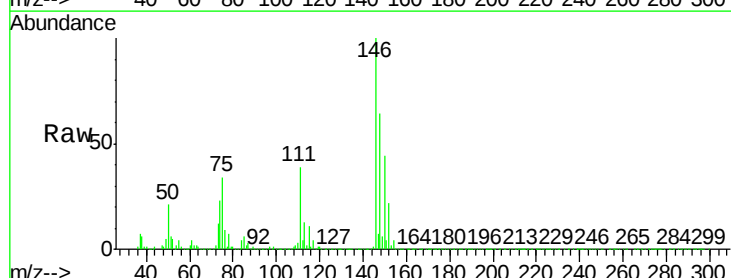
Manual Integrations
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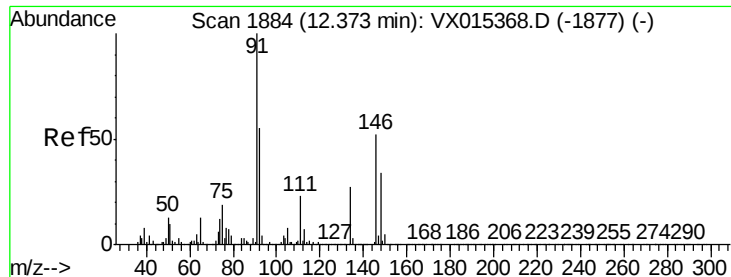
apatel
 4/9/2020 9:54:42 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.486 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015559.D
 Acq: 08 Apr 2020 11:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.1	57.5
148	63.5	32.4	97.2





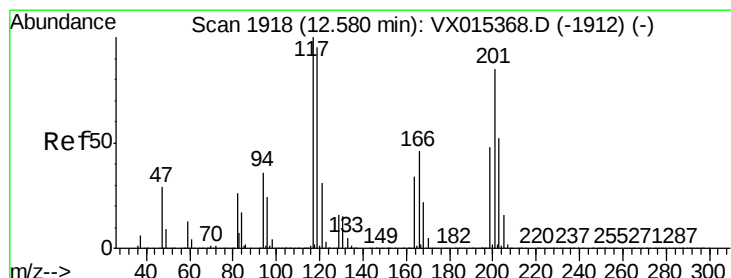
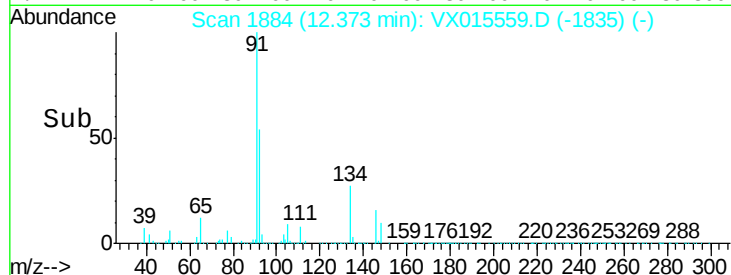
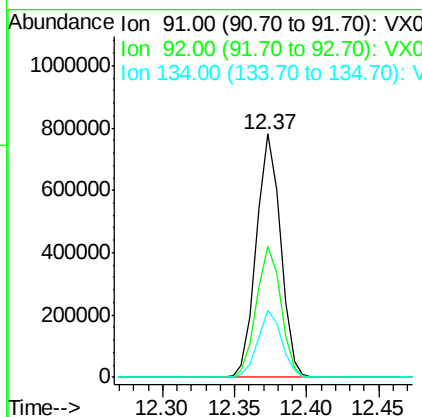
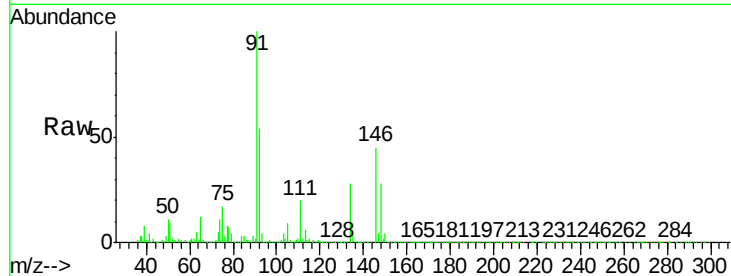
#89
n-Butylbenzene
Concen: 20.389 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Instrument :
MSVOA_X
ClientSampled :
VX0408WBS01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	901791		
92	54.3	27.2	81.5	
134	27.1	13.4	40.2	

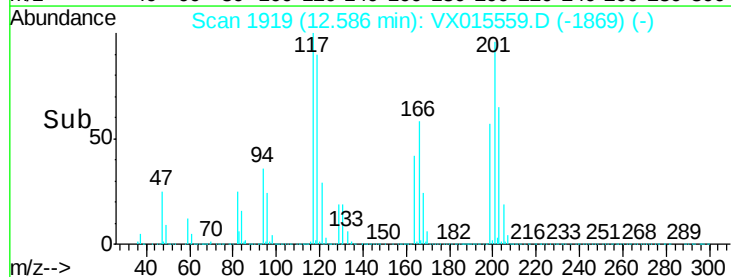
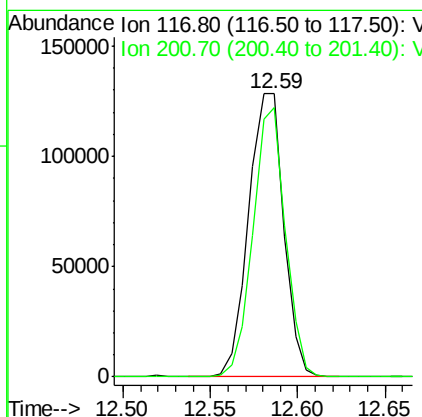
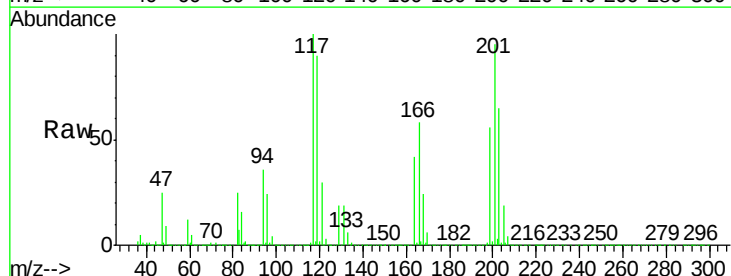
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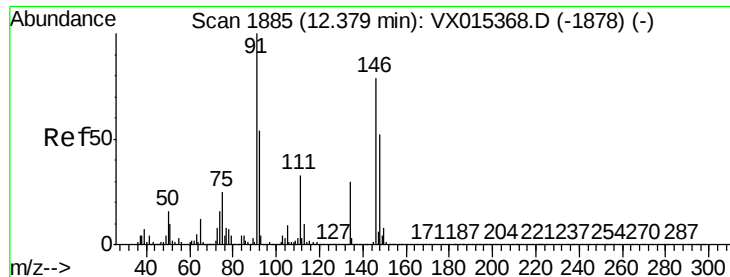
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#90
Hexachloroethane
Concen: 18.823 ug/l
RT: 12.59 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	179318		
201	88.2	42.6	128.0	





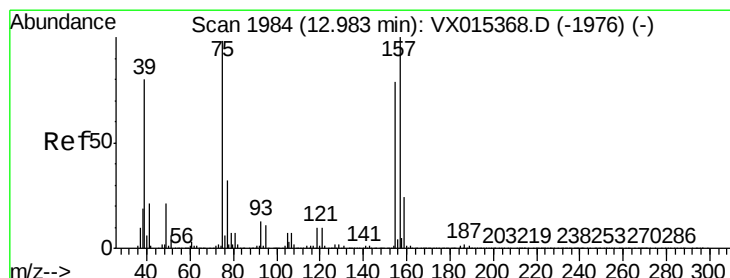
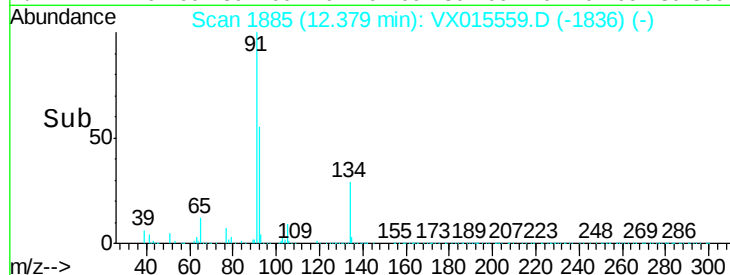
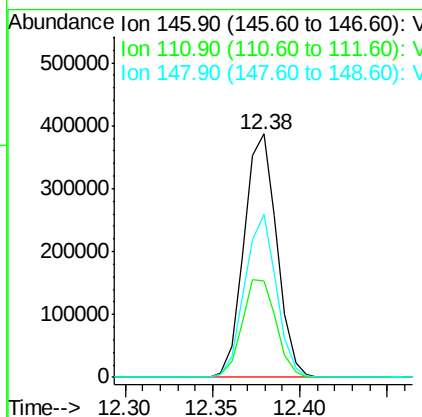
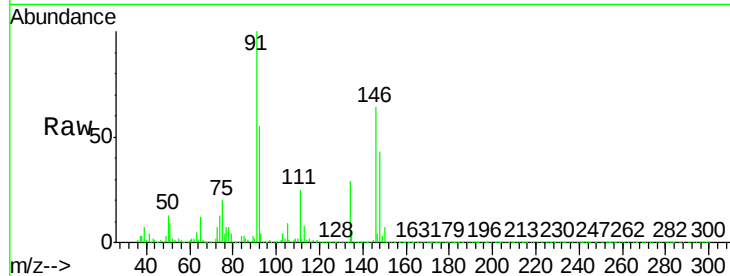
#91
 1,2-Dichlorobenzene
 Concen: 19.658 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015559.D
 Acq: 08 Apr 2020 11:23

Instrument :
 MSVOA_X
 ClientSampled :
 VX0408WBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	41.6	21.0	63.0	
148	64.7	32.4	97.0	

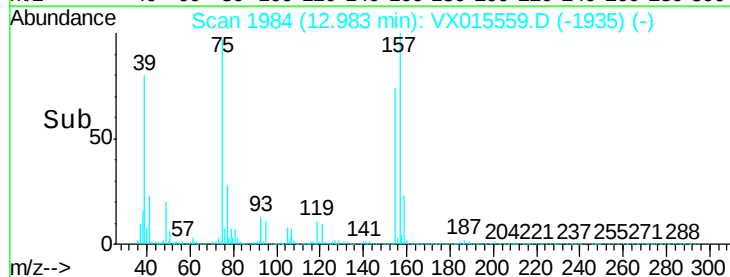
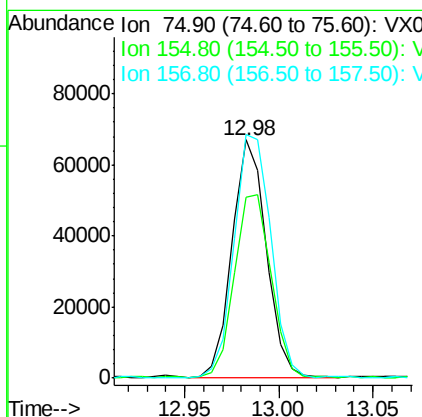
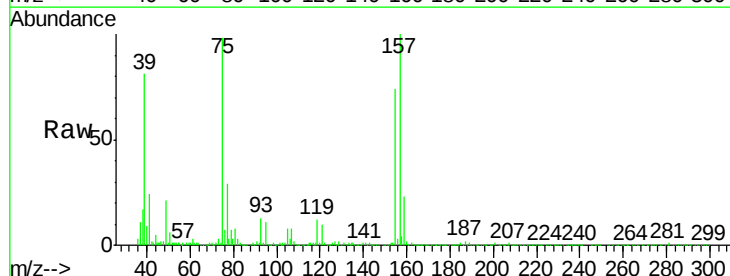
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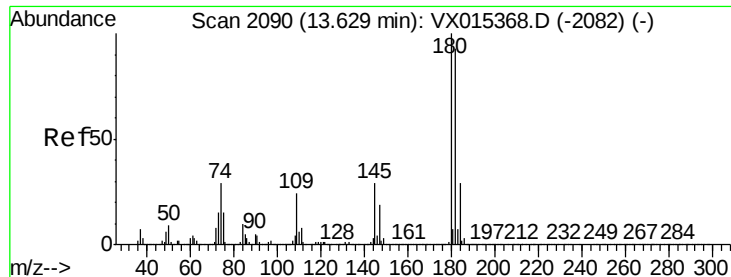
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.861 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015559.D
 Acq: 08 Apr 2020 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	83.2	42.8	128.4	
157	110.5	53.4	160.3	





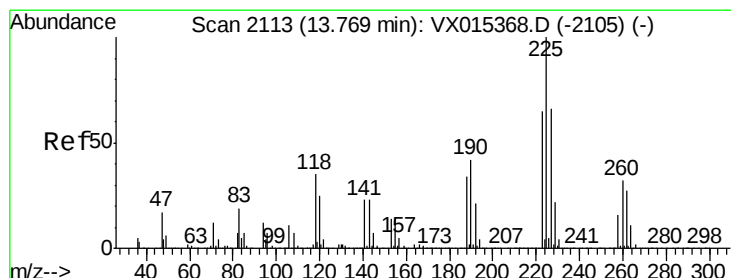
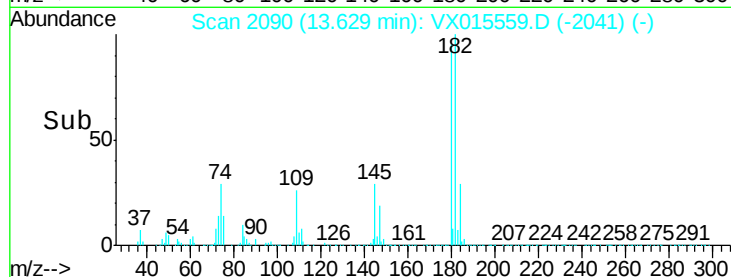
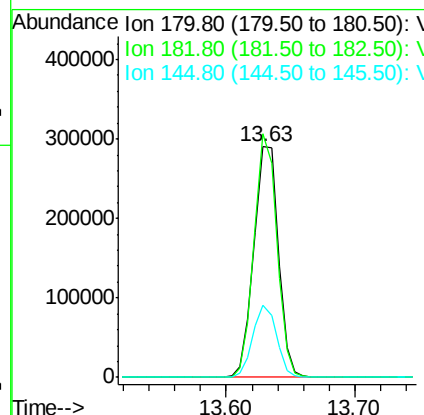
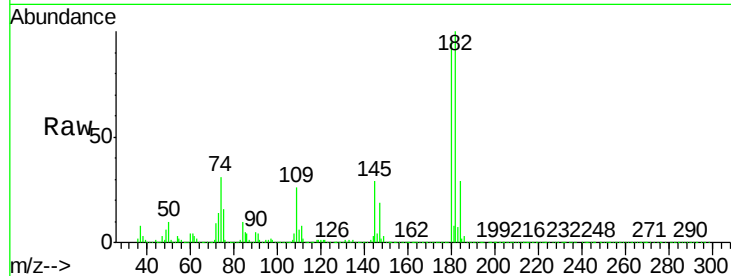
#93
 1,2,4-Trichlorobenzene
 Concen: 18.813 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015559.D
 Acq: 08 Apr 2020 11:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0408WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	97.7	46.9	140.7	
145	30.3	14.9	44.5	

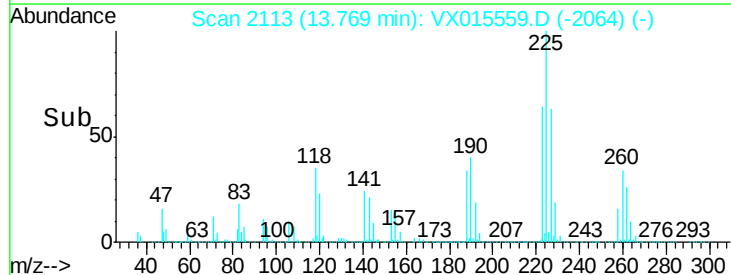
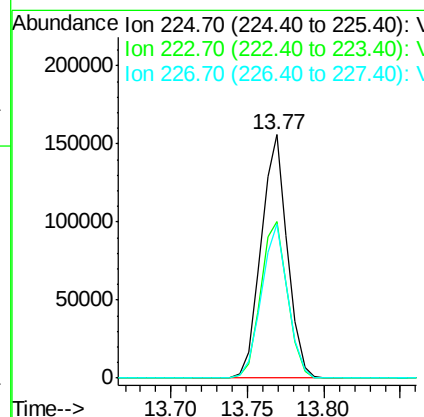
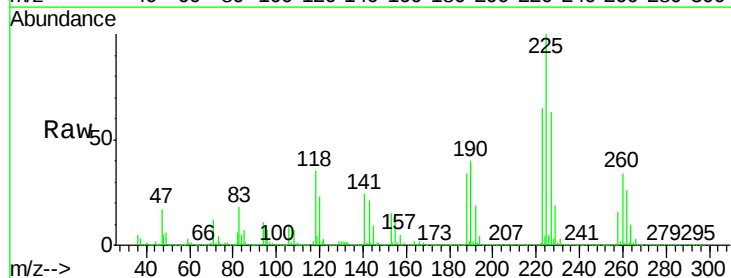
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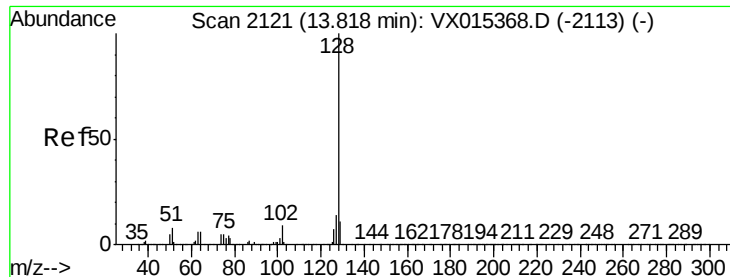
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#94
 Hexachlorobutadiene
 Concen: 19.340 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015559.D
 Acq: 08 Apr 2020 11:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	65.4	31.9	95.7	
227	63.4	30.4	91.3	





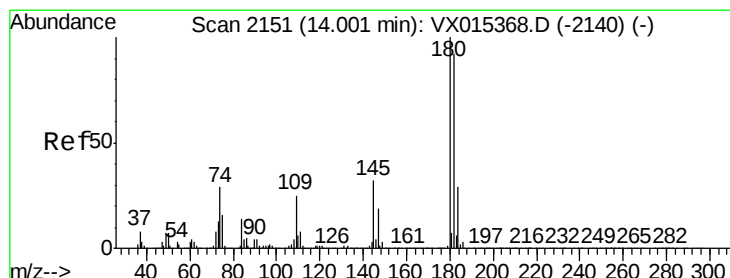
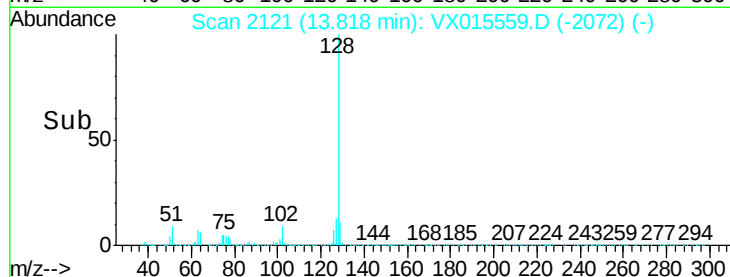
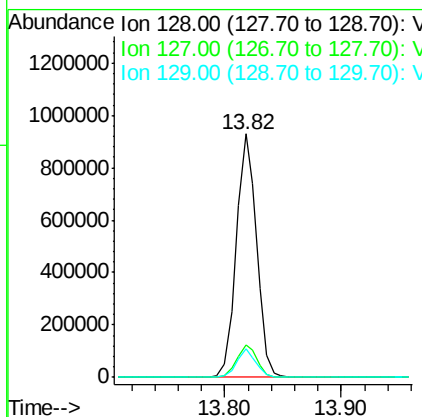
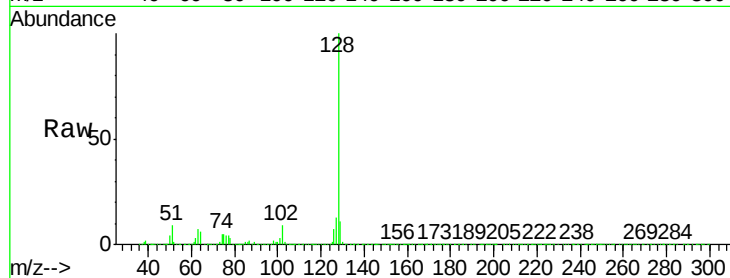
#95
Naphthalene
Concen: 18.343 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Instrument :
MSVOA_X
ClientSampleId :
VX0408WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	15.8
129	10.9	8.8	13.2

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.574 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015559.D
Acq: 08 Apr 2020 11:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.6	46.7	140.0
145	30.7	15.8	47.3

