

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032720\
 Data File : VX015367.D
 Acq On : 26 Mar 2020 20:16
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Manual Integrations
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 3/27/2020 5:16:10 PM

Quant Time: Mar 27 09:13:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 08:55:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1144230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1792684	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1607174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	835567	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	316830	21.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.50%	
35) Dibromofluoromethane	5.47	113	233996	20.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.02%	
50) Toluene-d8	8.70	98	872527	20.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.02%	
62) 4-Bromofluorobenzene	11.12	95	348323	21.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	42.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	213896	17.867	ug/l	98
3) Chloromethane	1.31	50	241051	17.294	ug/l	99
4) Vinyl Chloride	1.39	62	229450	16.940	ug/l	99
5) Bromomethane	1.63	94	147536	28.194	ug/l	97
6) Chloroethane	1.71	64	138062	16.304	ug/l	99
7) Trichlorofluoromethane	1.92	101	314079	17.479	ug/l	100
8) Diethyl Ether	2.17	74	119183	15.407	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	208753	15.478	ug/l	98
10) Methyl Iodide	2.49	142	245827	16.291	ug/l	99
11) Tert butyl alcohol	3.01	59	352414	114.930	ug/l	98
12) 1,1-Dichloroethene	2.36	96	210332	14.862	ug/l	95
13) Acrolein	2.27	56	184718	68.370	ug/l	97
14) Allyl chloride	2.71	41	480941	21.223	ug/l	99
15) Acrylonitrile	3.12	53	699518	93.741	ug/l	99
16) Acetone	2.42	43	651296	102.375	ug/l	99
17) Carbon Disulfide	2.55	76	637746	16.666	ug/l	100
18) Methyl Acetate	2.75	43	331335	20.689	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	797760	18.568	ug/l	99
20) Methylene Chloride	2.84	84	242124	14.444	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	228160	14.814	ug/l	98
22) Diisopropyl ether	3.83	45	869323	19.485	ug/l	96
23) Vinyl Acetate	3.79	43	3992730	109.184	ug/l	99
24) 1,1-Dichloroethane	3.67	63	447492	16.895	ug/l	99
25) 2-Butanone	4.64	43	1052402	108.413	ug/l	97
26) 2,2-Dichloropropane	4.55	77	369614	17.911	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	258247	15.175	ug/l	97
28) Bromochloromethane	4.98	49	214103	19.087	ug/l	97
29) Tetrahydrofuran	5.09	42	682162	108.342	ug/l	99
30) Chloroform	5.18	83	430396	16.123	ug/l	96
31) Cyclohexane	5.55	56	417026	20.276	ug/l	94
32) 1,1,1-Trichloroethane	5.47	97	398606	18.249	ug/l	99
36) 1,1-Dichloropropene	5.78	75	327039	19.631	ug/l	100
37) Ethyl Acetate	4.80	43	408803	24.480	ug/l	99
38) Carbon Tetrachloride	5.76	117	357015	22.284	ug/l	94

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	397673	20.555	ug/l	98
40) Benzene	6.12	78	945937	18.518	ug/l	100
41) Methacrylonitrile	5.00	41	234293	25.866	ug/l	98
42) 1,2-Dichloroethane	6.17	62	378505	23.059	ug/l	99
43) Isopropyl Acetate	6.42	43	710074	27.448	ug/l	100
44) Trichloroethene	7.20	130	256876	18.353	ug/l	93
45) 1,2-Dichloropropane	7.50	63	254129	20.600	ug/l	97
46) Dibromomethane	7.64	93	164732	19.094	ug/l	99
47) Bromodichloromethane	7.88	83	359833	21.835	ug/l	99
48) Methyl methacrylate	7.75	41	350679	28.222	ug/l	98
49) 1,4-Dioxane	7.72	88	132272	418.317	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	2076889	132.723	ug/l	99
52) Toluene	8.77	92	590690	18.867	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	416525	23.268	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	429646	21.610	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	239179	17.848	ug/l	98
56) Ethyl methacrylate	9.16	69	408816	22.437	ug/l	98
57) 1,3-Dichloropropane	9.35	76	414414	18.632	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	956188	93.910	ug/l	100
59) 2-Hexanone	9.48	43	1559956	133.563	ug/l	100
60) Dibromochloromethane	9.57	129	284880	21.157	ug/l	97
61) 1,2-Dibromoethane	9.65	107	253173	18.462	ug/l	99
64) Tetrachloroethene	9.32	164	249812	21.605	ug/l	98
65) Chlorobenzene	10.12	112	642184	19.185	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	247818	20.003	ug/l	98
67) Ethyl Benzene	10.24	91	1150573	20.209	ug/l	100
68) m/p-Xylenes	10.34	106	859764	39.874	ug/l	99
69) o-Xylene	10.68	106	415919	19.844	ug/l	97
70) Styrene	10.70	104	723529	20.657	ug/l	100
71) Bromoform	10.84	173	228952	26.727	ug/l #	99
73) Isopropylbenzene	11.01	105	1122567	18.433	ug/l	100
74) N-amyl acetate	10.88	43	595550	25.785	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	366994	18.843	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	346008m	19.675	ug/l	
77) Bromobenzene	11.24	156	288751	19.775	ug/l	100
78) n-propylbenzene	11.35	91	1279024	18.697	ug/l	99
79) 2-Chlorotoluene	11.41	91	765580	18.383	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	956819	19.449	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	139620	21.211	ug/l	100
82) 4-Chlorotoluene	11.49	91	906140	19.164	ug/l	99
83) tert-Butylbenzene	11.76	119	937743	19.416	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	959034	18.860	ug/l	99
85) sec-Butylbenzene	11.93	105	1095758	19.153	ug/l	99
86) p-Isopropyltoluene	12.05	119	1016817	19.790	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	516677	18.877	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	515477	17.970	ug/l	97
89) n-Butylbenzene	12.37	91	903331	18.689	ug/l	99
90) Hexachloroethane	12.58	117	188251	18.655	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	504686	18.400	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	96707	22.138	ug/l	98

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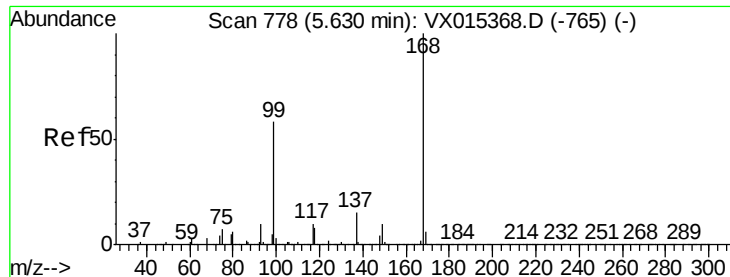
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	385114	22.463	ug/l	98
94) Hexachlorobutadiene	13.77	225	188521	26.177	ug/l	97
95) Naphthalene	13.82	128	1207788	21.676	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	376608	22.362	ug/l	99

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



#1

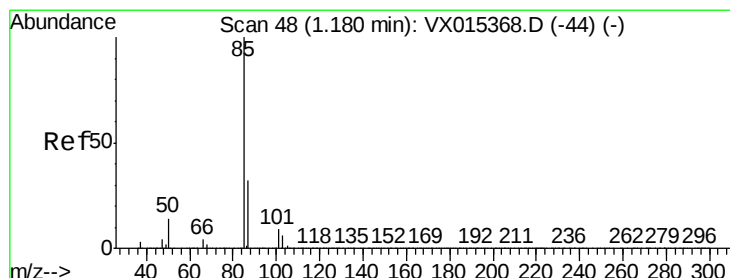
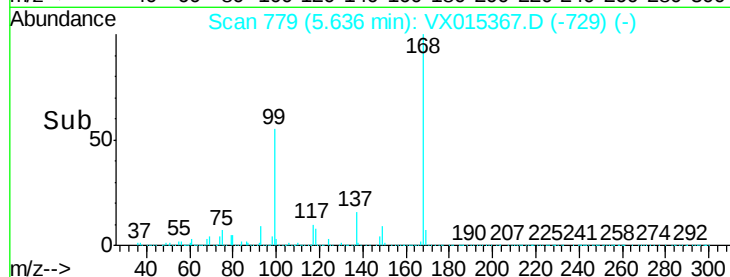
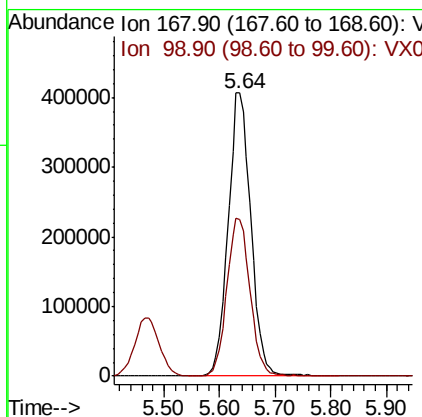
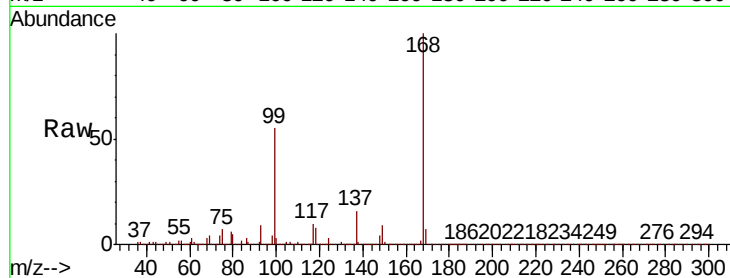
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. 0.01 min
 Lab File: VX015367.D
 Acq: 26 Mar 2020 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
168	100		
99	55.3	46.4	69.6

Manual Integrations
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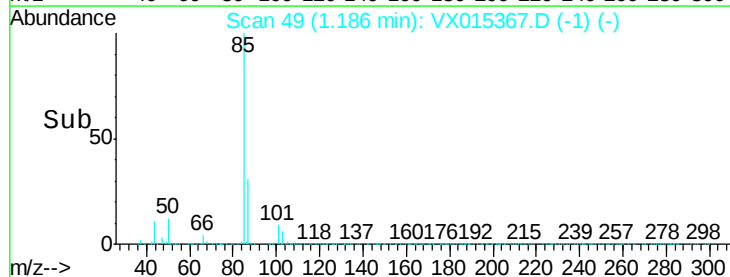
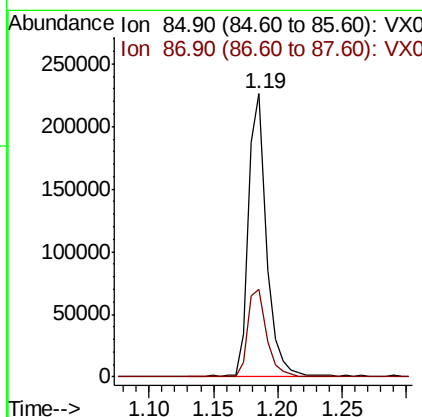
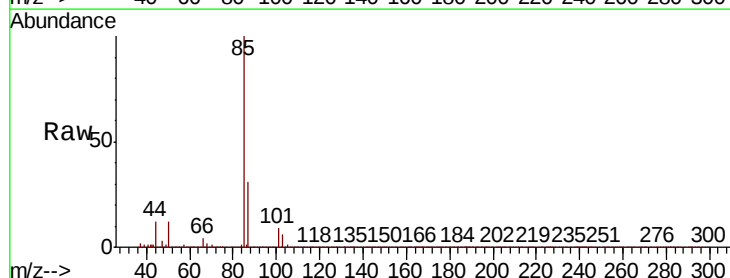
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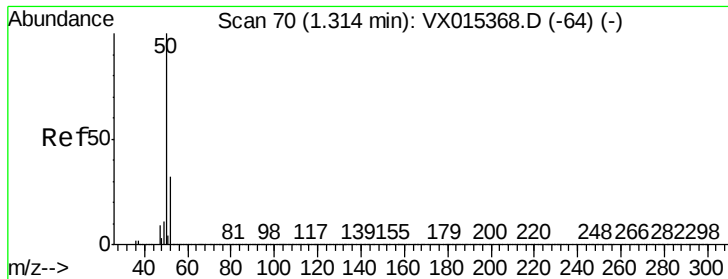


#2

Dichlorodifluoromethane
 Concen: 17.867 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. 0.01 min
 Lab File: VX015367.D
 Acq: 26 Mar 2020 20:16

Tgt Ion	Ratio	Lower	Upper
85	100		
87	30.7	16.0	47.9





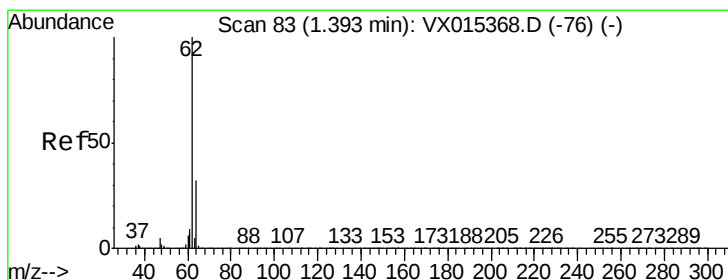
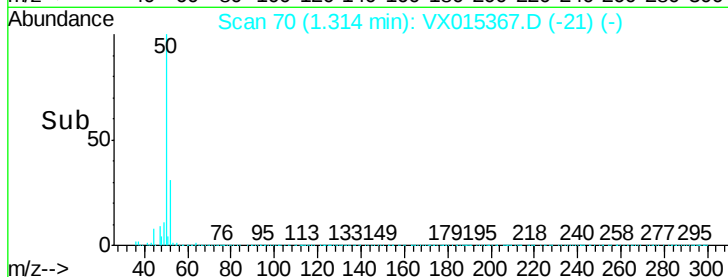
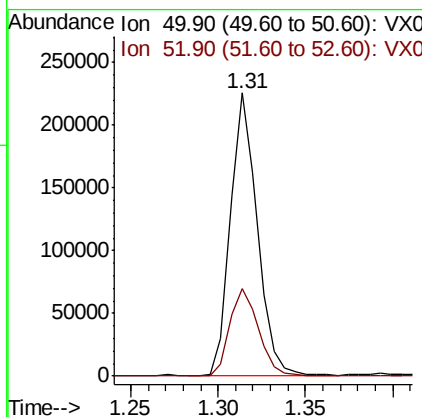
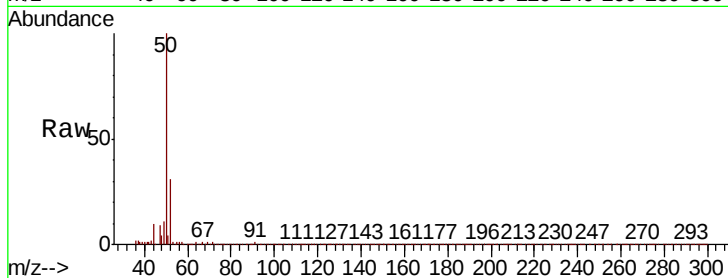
#3
Chloromethane
Concen: 17.294 ug/l
RT: 1.31 min Scan# 70
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 50 Resp: 241051
Ion Ratio Lower Upper
50 100
52 30.9 25.3 37.9

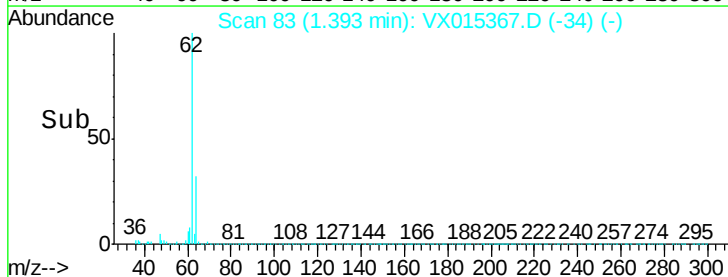
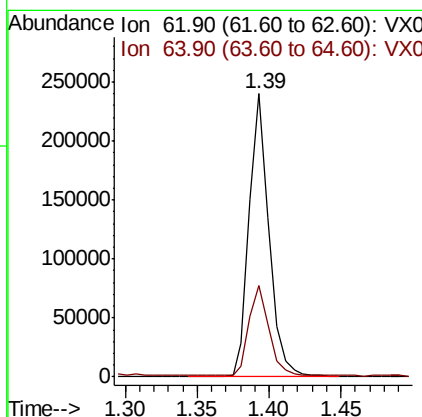
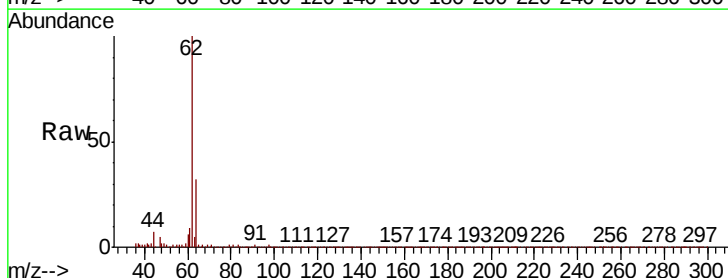
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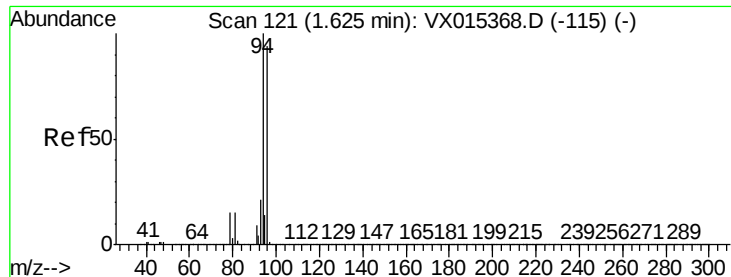
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#4
Vinyl Chloride
Concen: 16.940 ug/l
RT: 1.39 min Scan# 83
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion: 62 Resp: 229450
Ion Ratio Lower Upper
62 100
64 31.9 26.0 39.0





#5

Bromomethane

Concen: 28.194 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tot Ion: 94 Resp: 147536

Ion Ratio Lower Upper

94 100

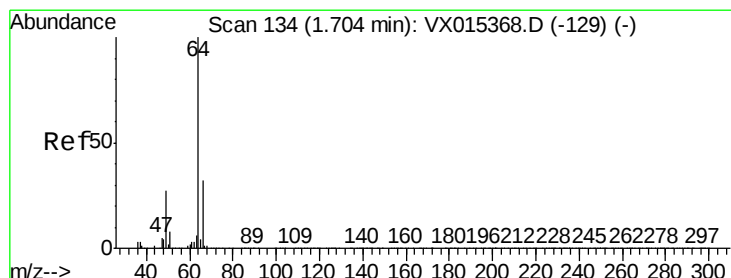
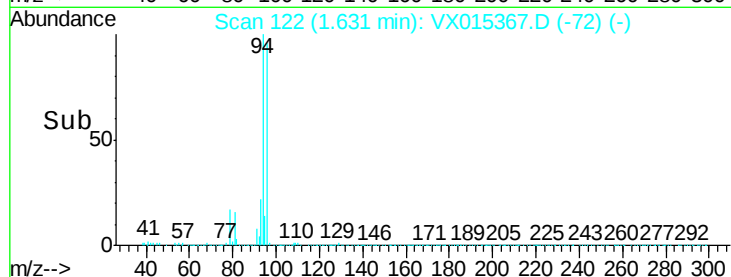
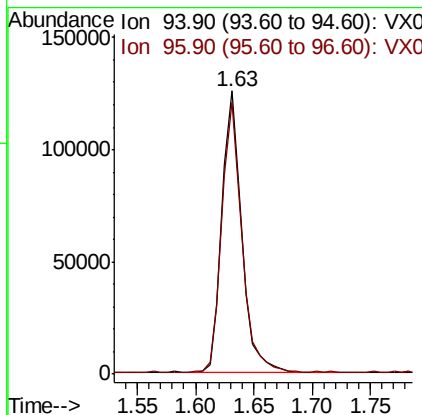
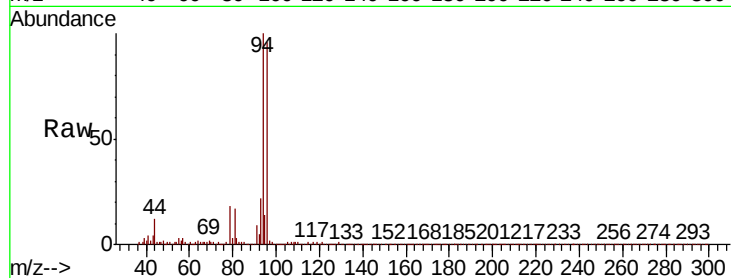
96 96.0 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 16.304 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015367.D

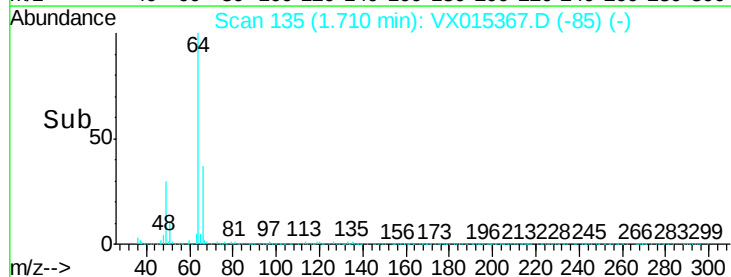
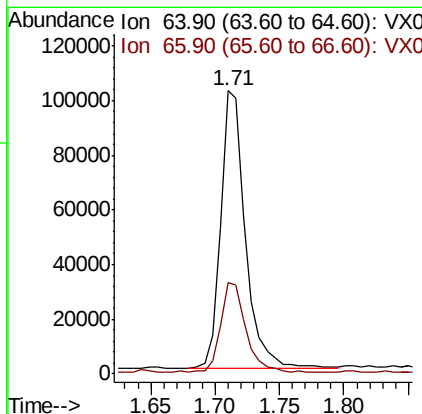
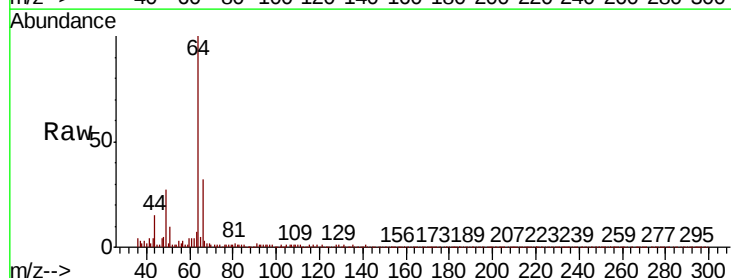
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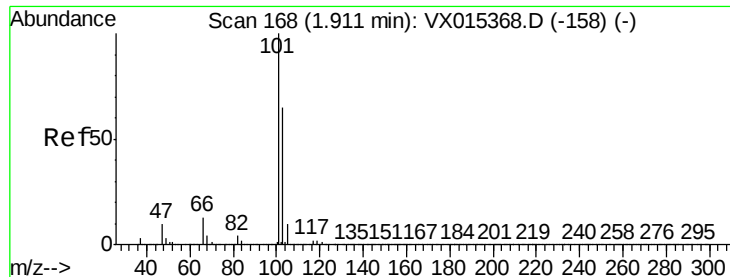
Tgt Ion: 64 Resp: 138062

Ion Ratio Lower Upper

64 100

66 32.1 25.4 38.2





#7

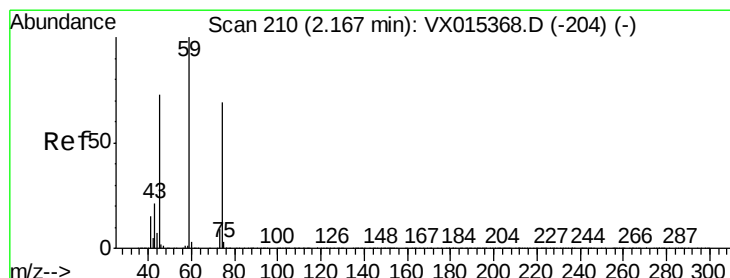
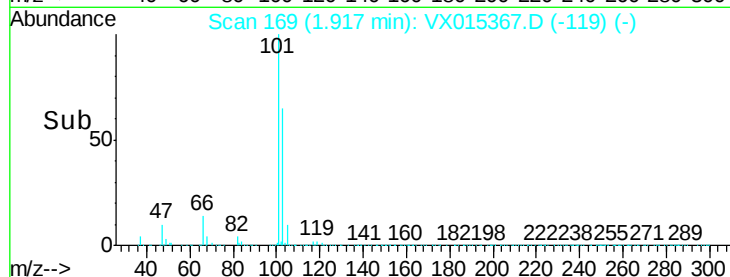
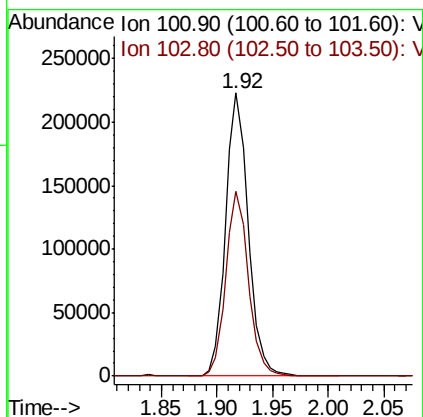
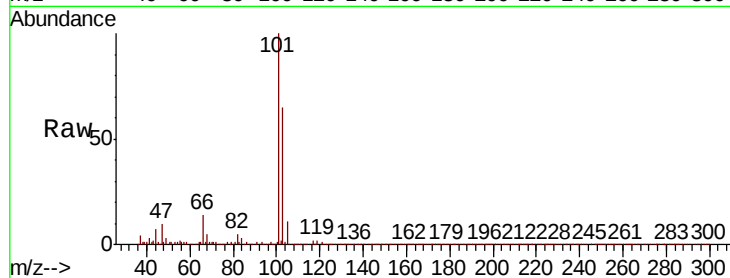
Trichlorofluoromethane
Concen: 17.479 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	52.3	78.5

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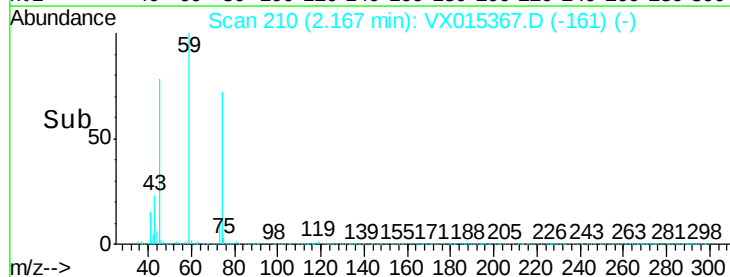
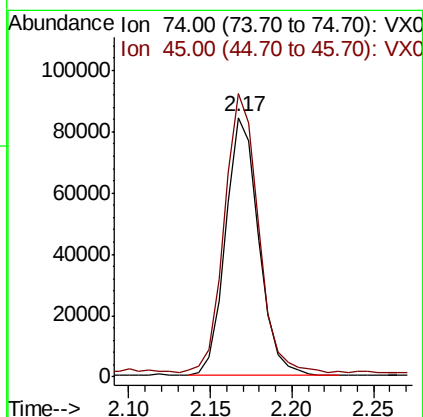
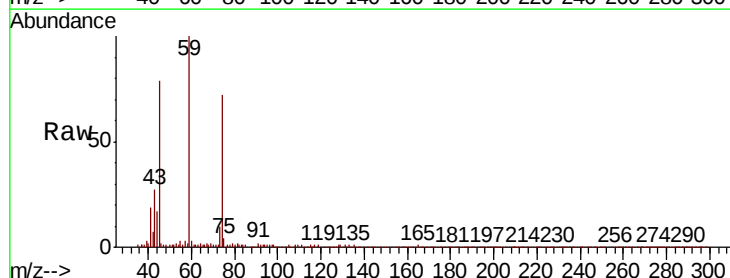
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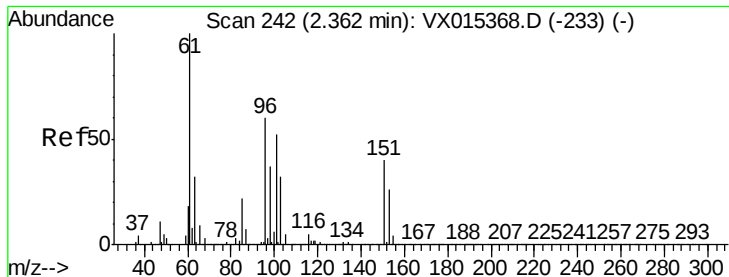


#8

Diethyl Ether
Concen: 15.407 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	109.3	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 15.478 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

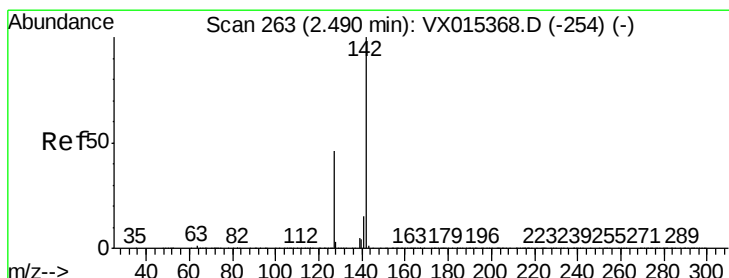
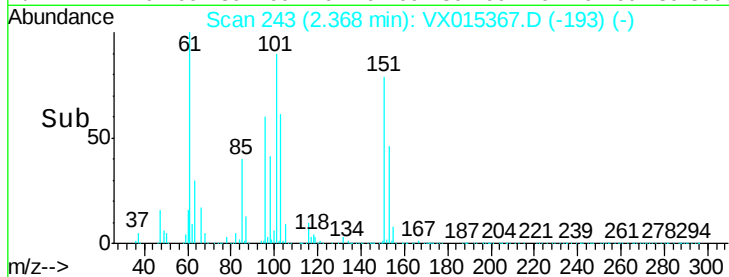
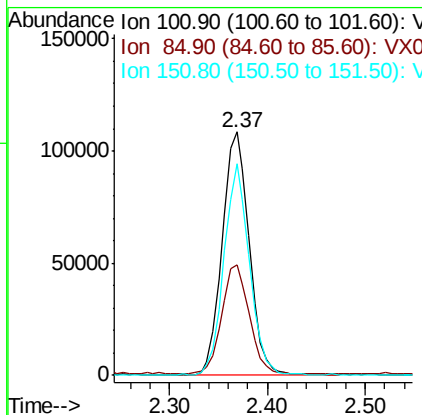
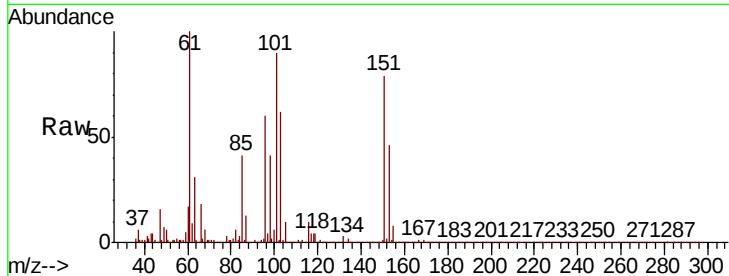
ClientSampleId :

VSTDIC020

Tot Ion:	101	Resp:	208753
Ion Ratio	Lower	Upper	
101	100		
85	45.1	35.0	52.4
151	81.4	64.1	96.1

Manual Integrations
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#10

Methyl Iodide

Concen: 16.291 ug/l

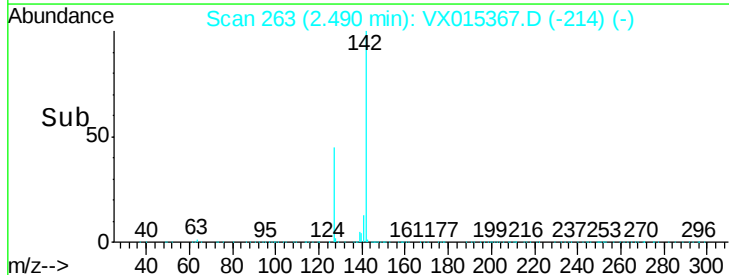
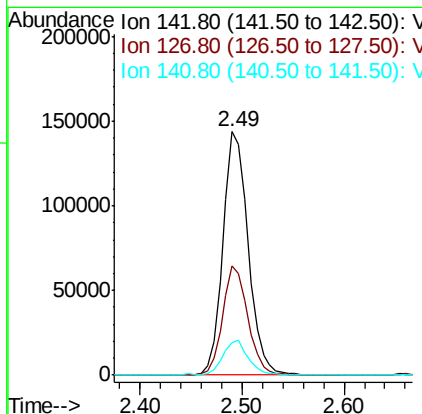
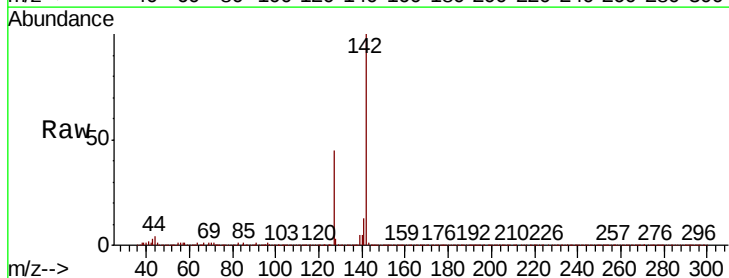
RT: 2.49 min Scan# 263

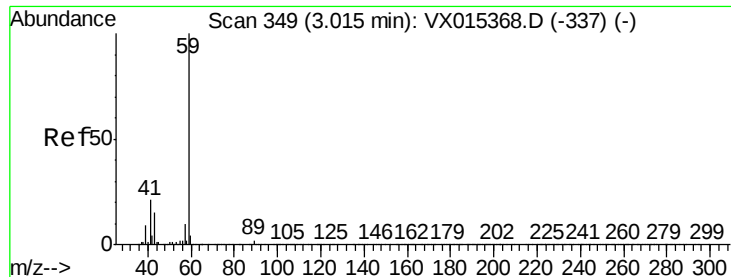
Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Tgt Ion:	142	Resp:	245827
Ion Ratio	Lower	Upper	
142	100		
127	44.3	35.9	53.9
141	14.1	11.6	17.4





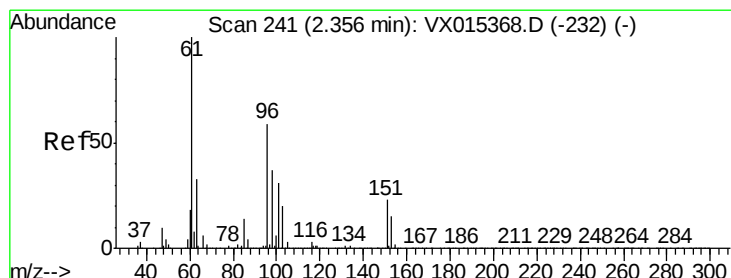
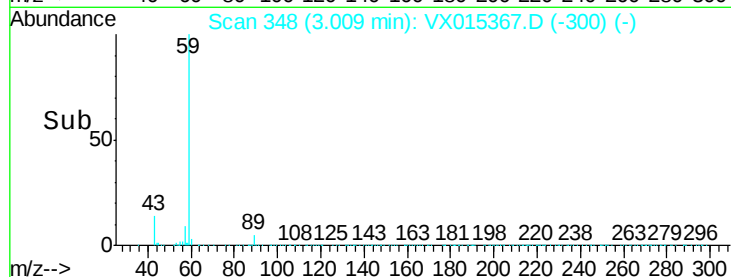
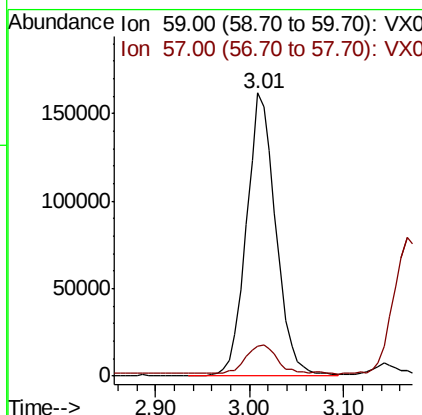
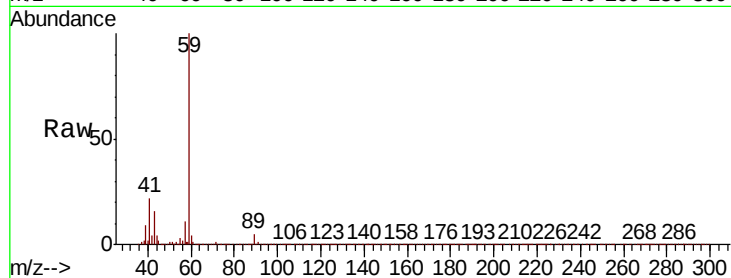
#11
Tert butyl alcohol
Concen: 114.930 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.8	8.1	12.1

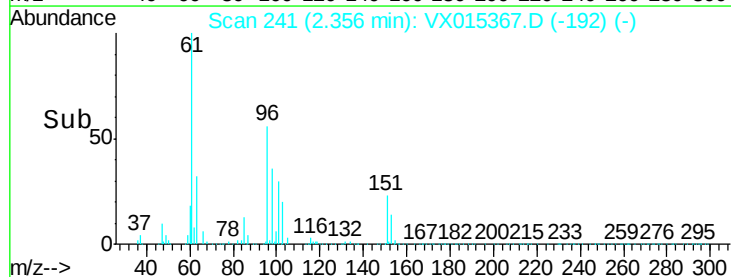
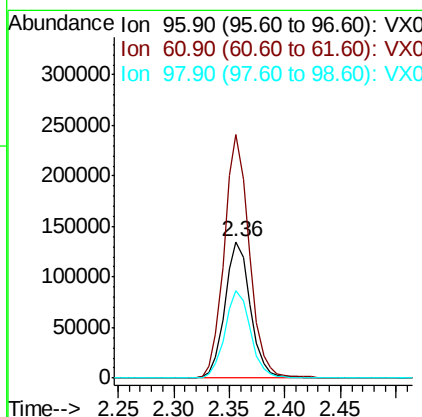
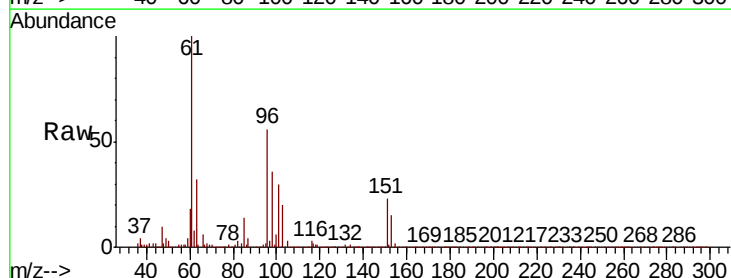
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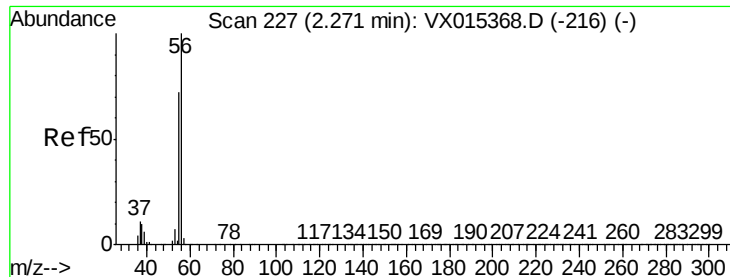
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#12
1,1-Dichloroethene
Concen: 14.862 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion	Ratio	Lower	Upper
96	100		
61	178.6	135.7	203.5
98	64.1	50.6	75.8





#13

Acrolein

Concen: 68.370 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tot Ion: 56 Resp: 184718

Ion Ratio Lower Upper

56 100

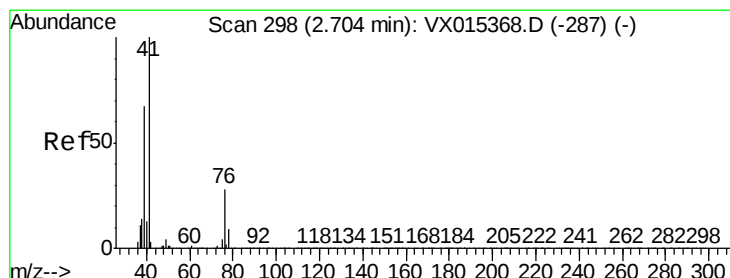
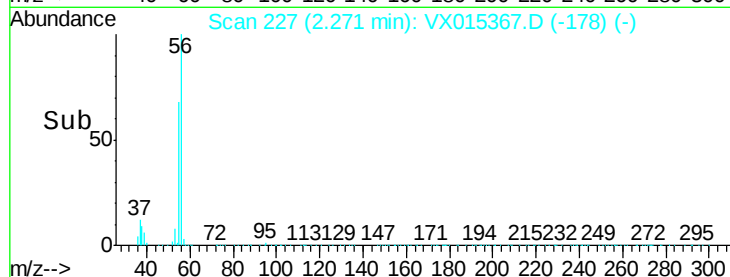
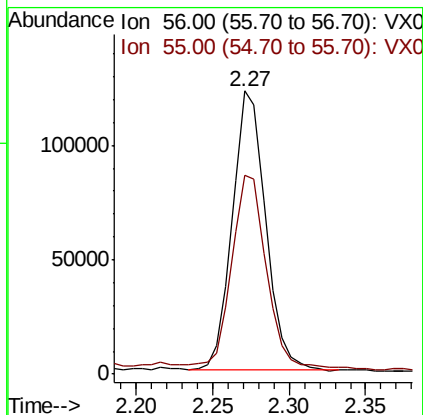
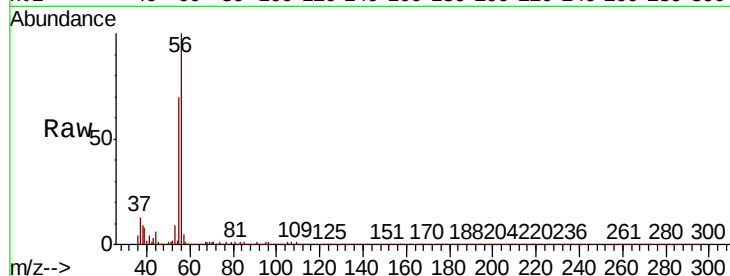
55 73.6 57.0 85.4

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#14

Allyl chloride

Concen: 21.223 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

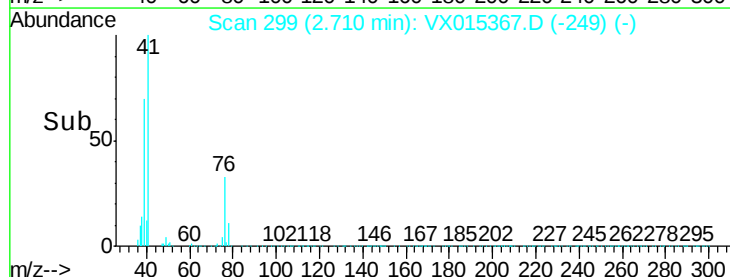
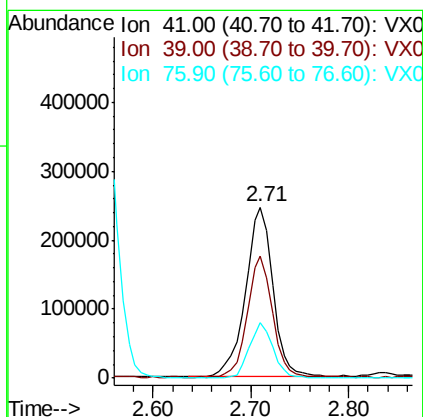
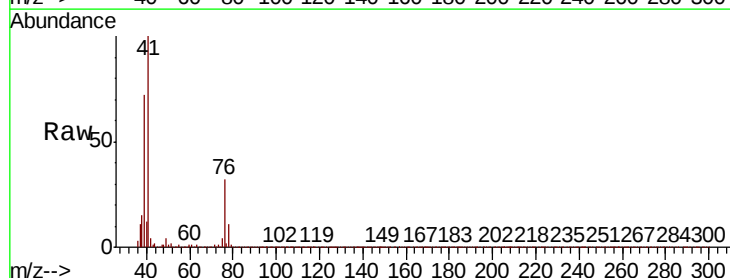
Tgt Ion: 41 Resp: 480941

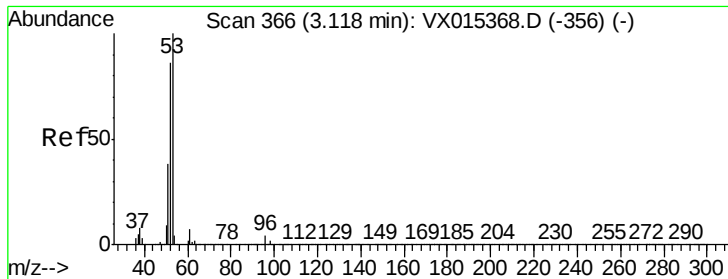
Ion Ratio Lower Upper

41 100

39 64.9 51.4 77.0

76 27.7 21.8 32.8





#15

Acrylonitrile

Concen: 93.741 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

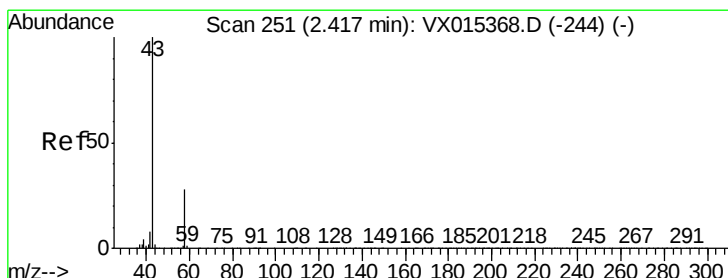
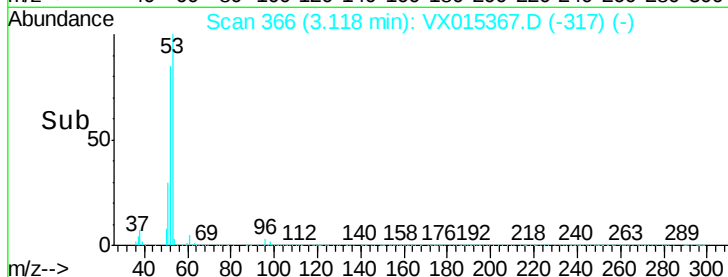
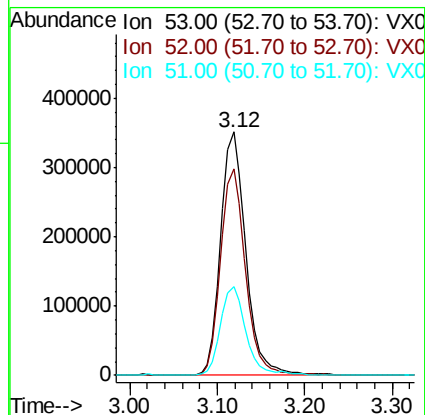
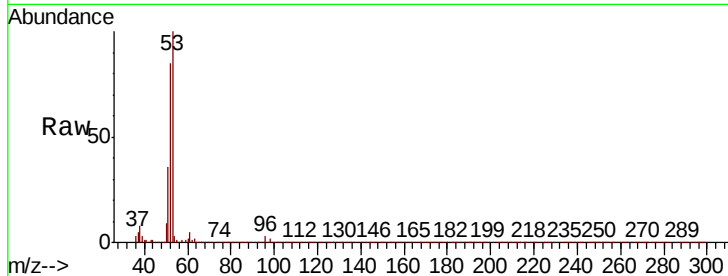
ClientSampleId :

VSTDIC020

Tot Ion:	53	Resp:	699518
Ion Ratio	Lower	Upper	
53	100		
52	84.5	66.8	100.2
51	36.9	29.5	44.3

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#16

Acetone

Concen: 102.375 ug/l

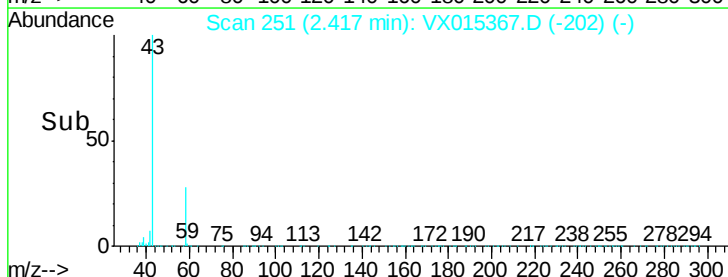
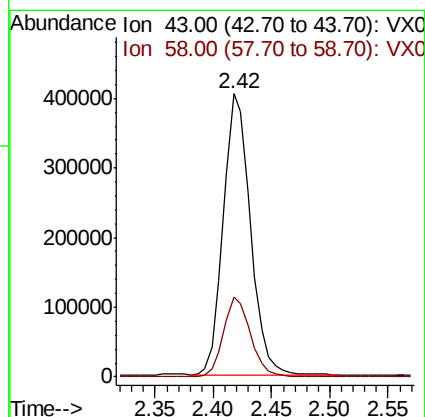
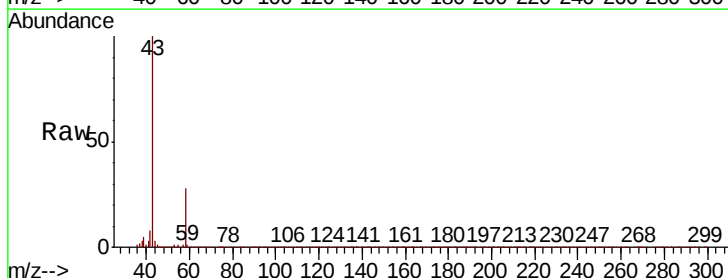
RT: 2.42 min Scan# 251

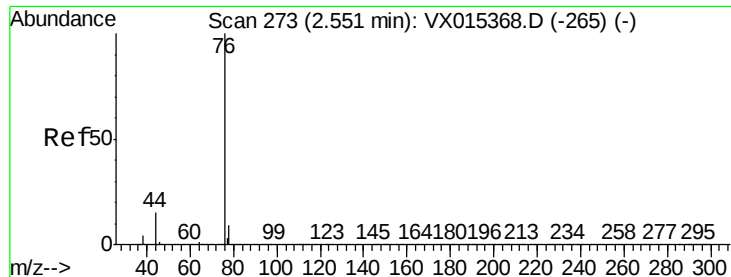
Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Tgt Ion:	43	Resp:	651296
Ion Ratio	Lower	Upper	
43	100		
58	28.2	22.1	33.1





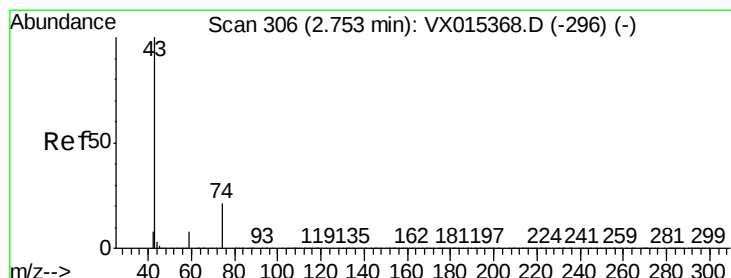
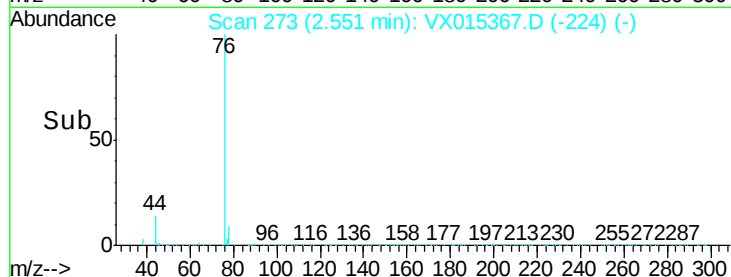
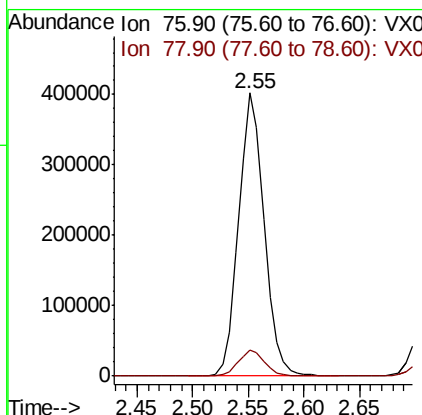
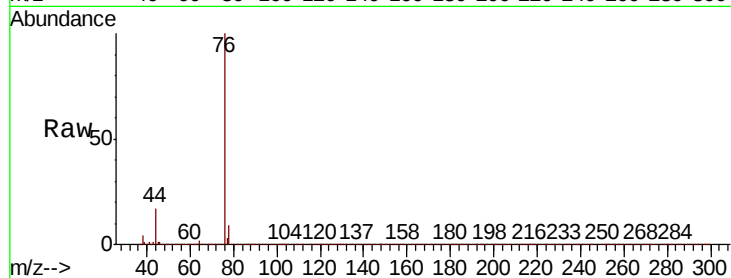
#17
Carbon Disulfide
Concen: 16.666 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.1	10.7

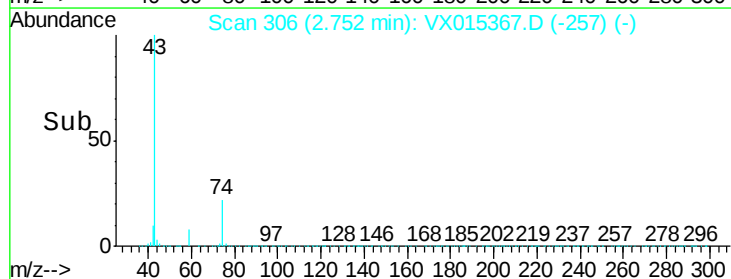
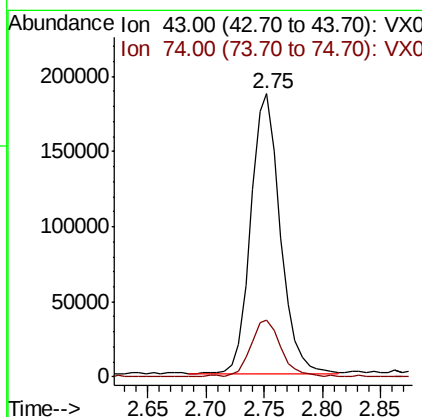
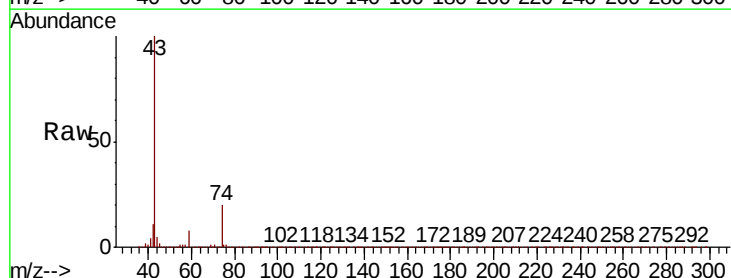
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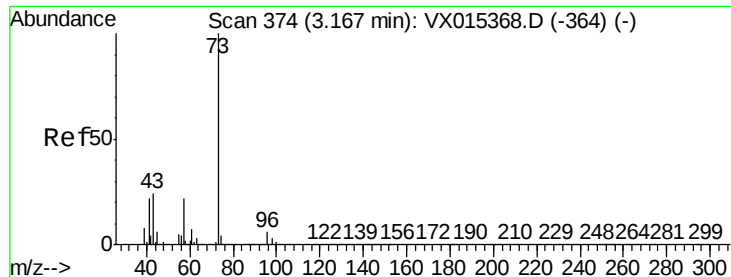
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#18
Methyl Acetate
Concen: 20.689 ug/l
RT: 2.75 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.7	16.5	24.7





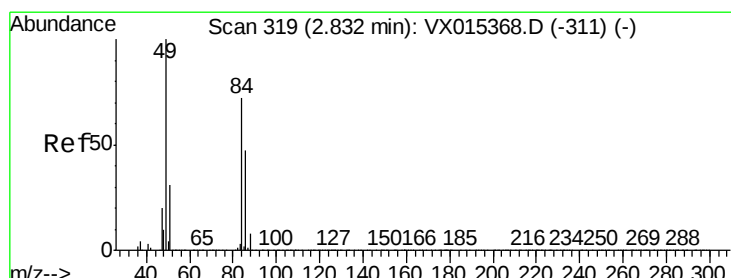
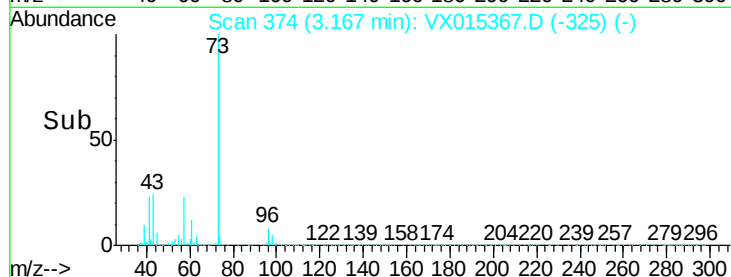
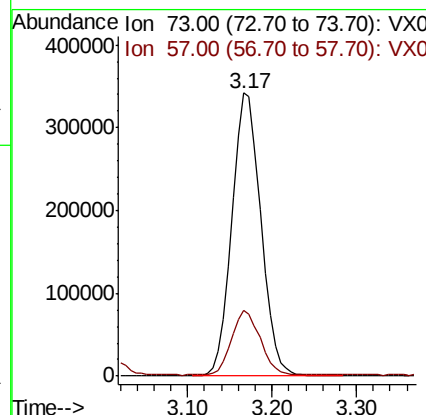
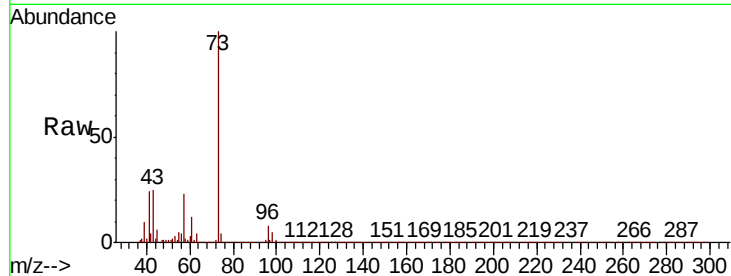
#19
Methyl tert-butyl Ether
Concen: 18.568 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.8	17.9	26.9

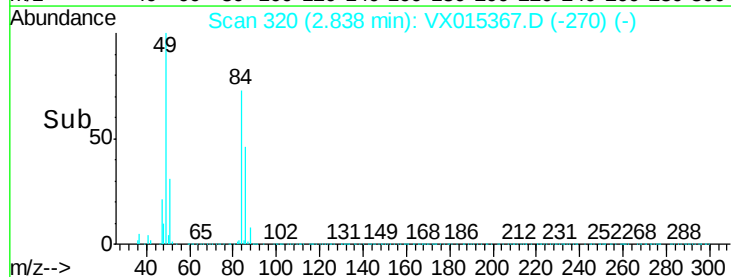
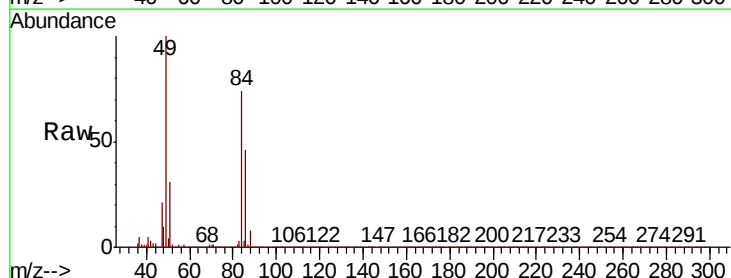
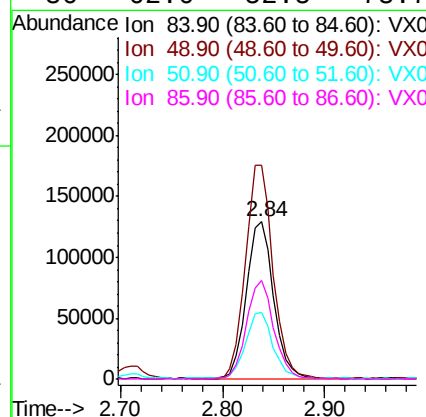
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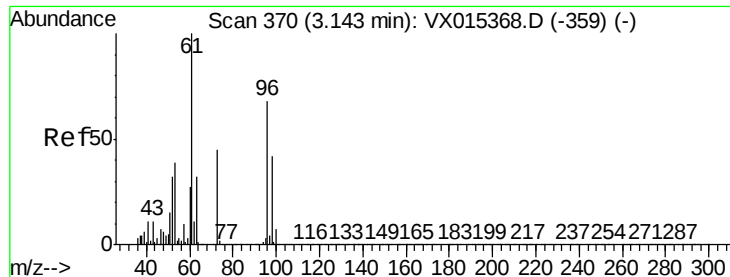
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#20
Methylene Chloride
Concen: 14.444 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion	Ratio	Lower	Upper
84	100		
49	135.4	111.3	166.9
51	41.6	34.0	51.0
86	62.0	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 14.814 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

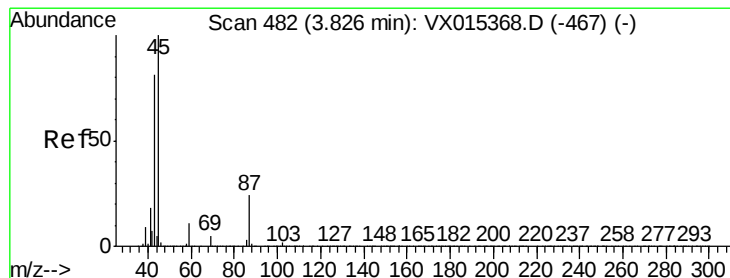
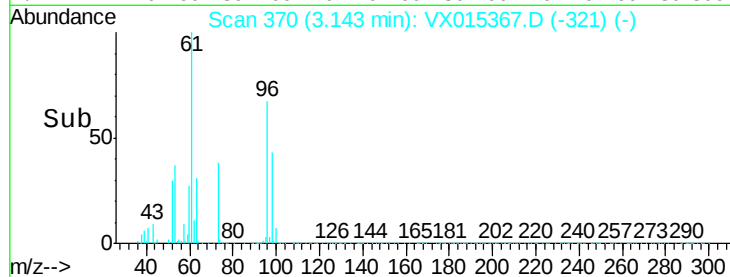
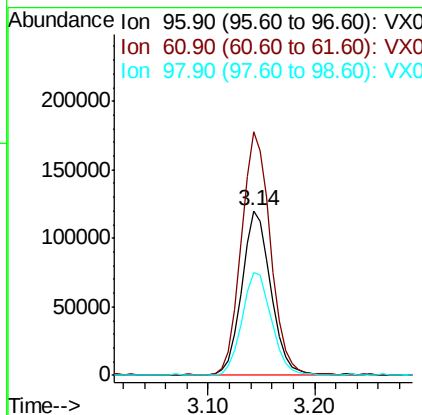
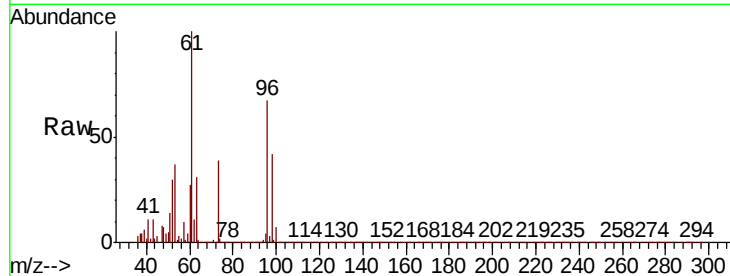
ClientSampleId :

VSTDIC020

Tot Ion:	96	Resp:	228160
Ion Ratio	Lower	Upper	
96	100		
61	147.9	116.9	175.3
98	62.7	48.6	73.0

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#22

Diisopropyl ether

Concen: 19.485 ug/l

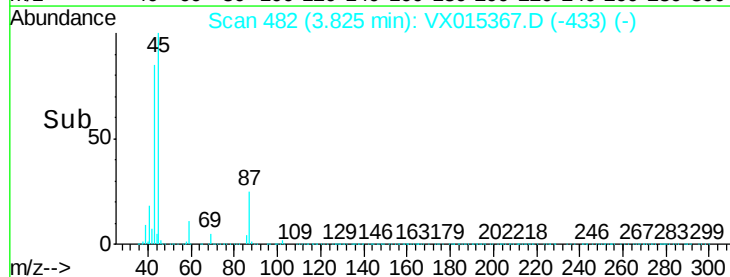
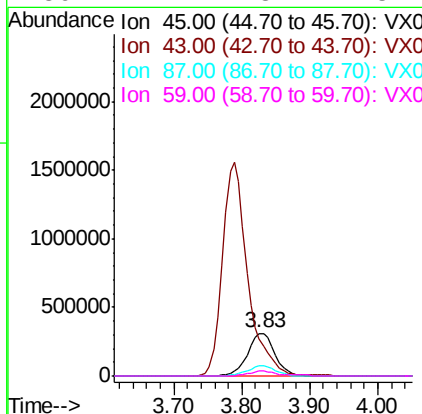
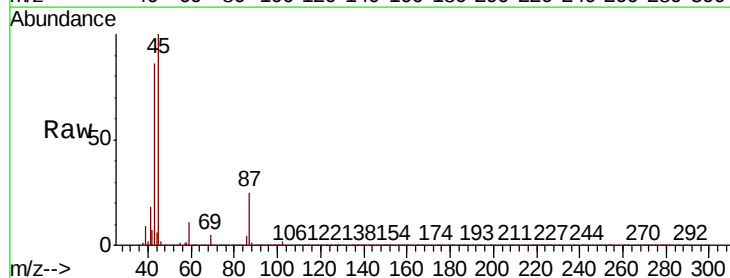
RT: 3.83 min Scan# 482

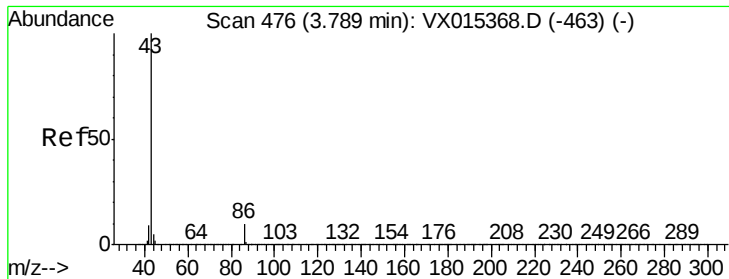
Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Tgt Ion:	45	Resp:	869323
Ion Ratio	Lower	Upper	
45	100		
43	85.2	64.7	97.1
87	24.8	19.4	29.0
59	11.1	8.7	13.1





#23

Vinyl Acetate

Concen: 109.184 ug/l

RT: 3.79 min Scan# 476

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 3992730

Ion Ratio Lower Upper

43 100

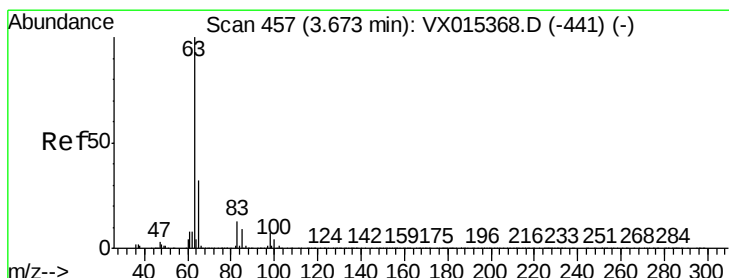
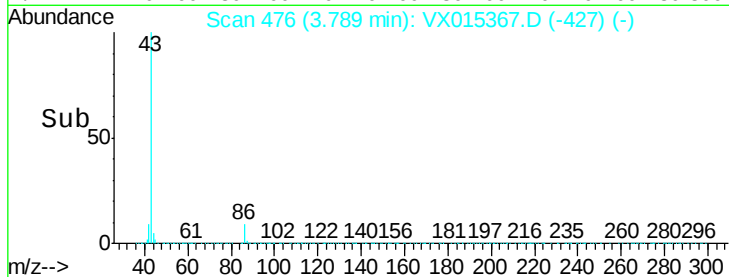
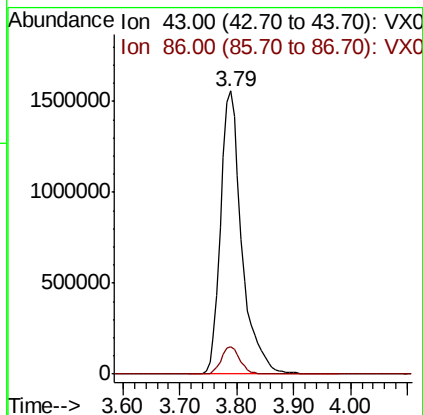
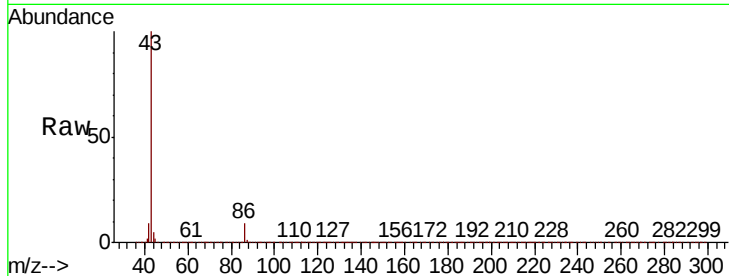
86 9.5 7.8 11.6

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#24

1,1-Dichloroethane

Concen: 16.895 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

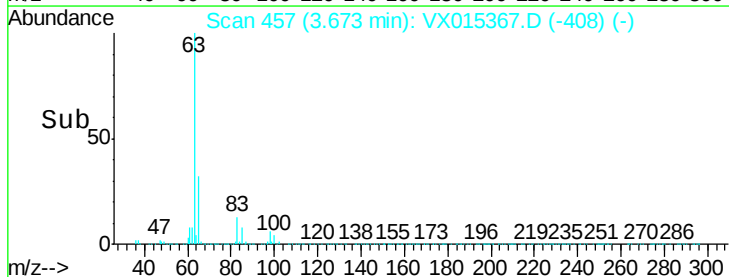
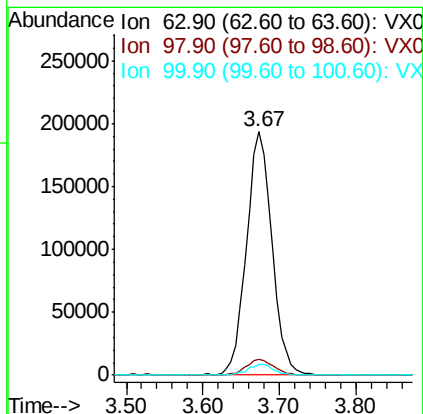
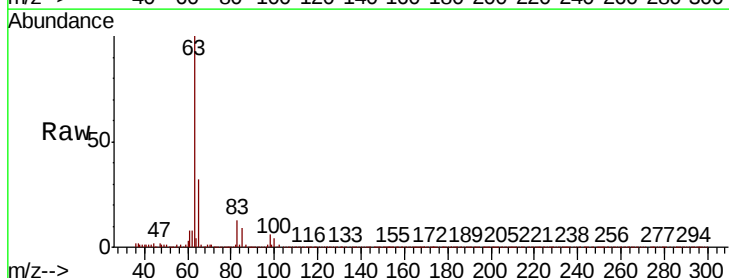
Tgt Ion: 63 Resp: 447492

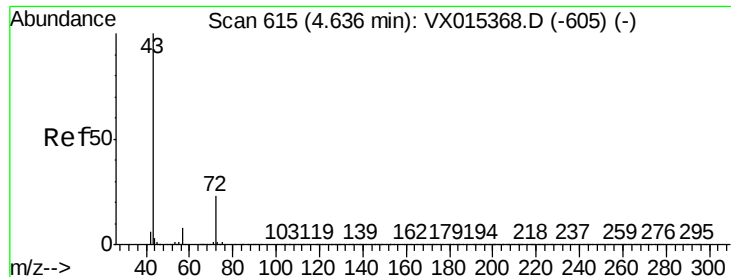
Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.8

100 4.3 2.1 6.5





#25

2-Butanone

Concen: 108.413 ug/l

RT: 4.64 min Scan# 616

Delta R.T. 0.01 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 43 Resp: 1052402

Ion Ratio Lower Upper

43 100

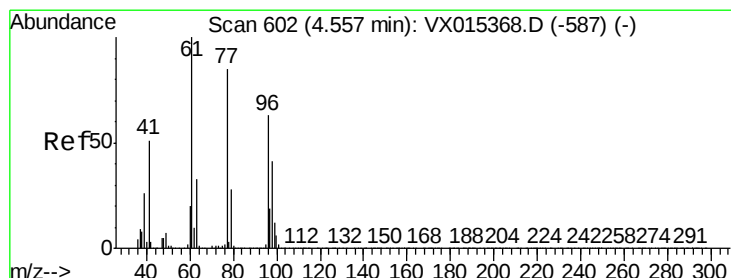
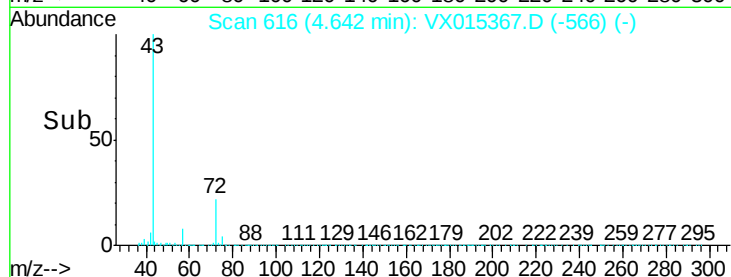
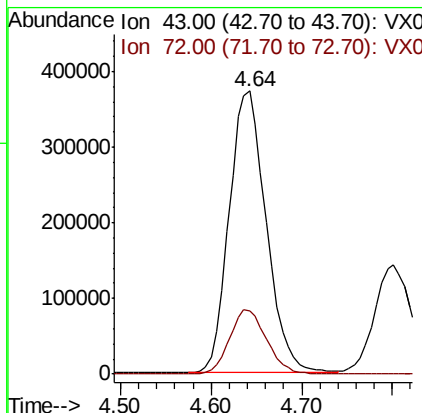
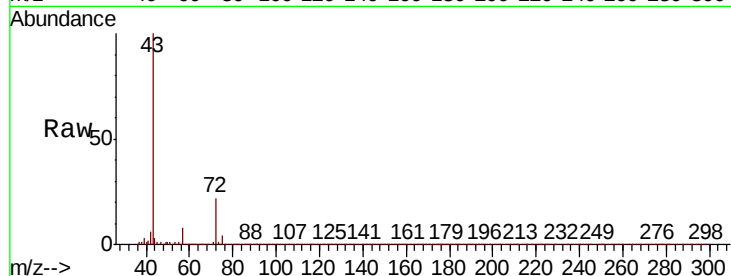
72 22.1 19.0 28.4

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#26

2,2-Dichloropropane

Concen: 17.911 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015367.D

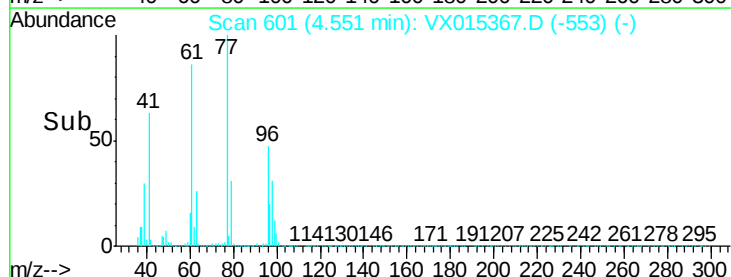
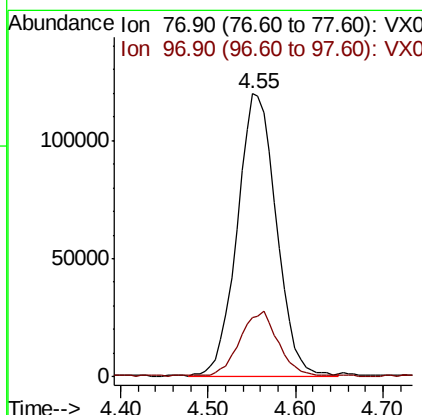
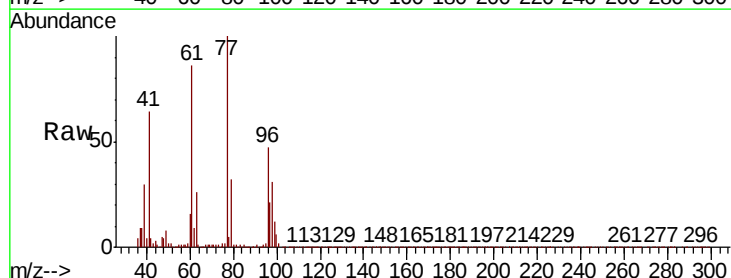
Acq: 26 Mar 2020 20:16

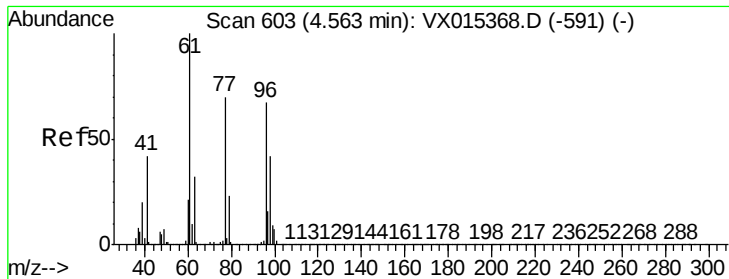
Tgt Ion: 77 Resp: 369614

Ion Ratio Lower Upper

77 100

97 22.2 11.3 33.8





#27

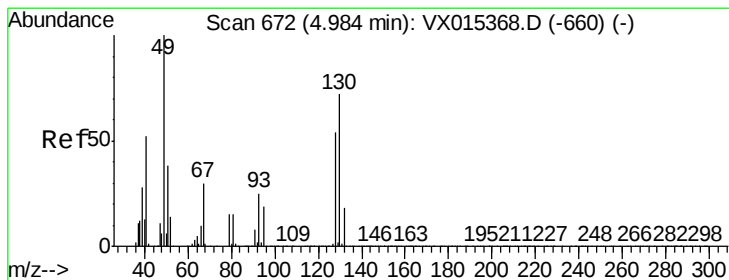
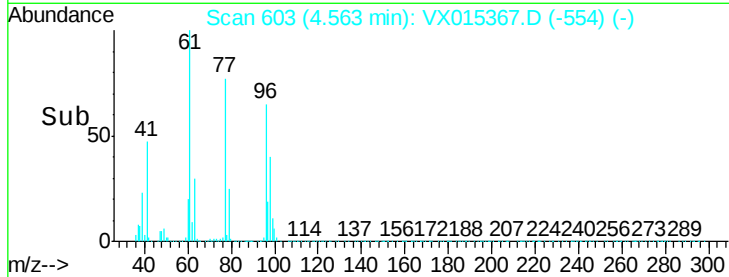
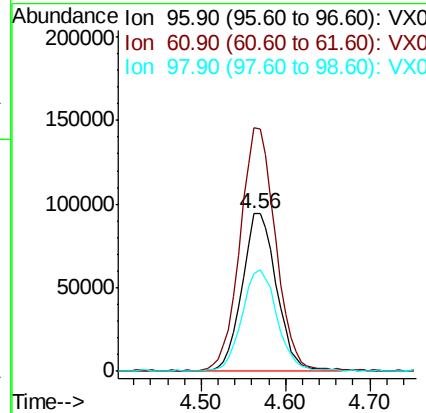
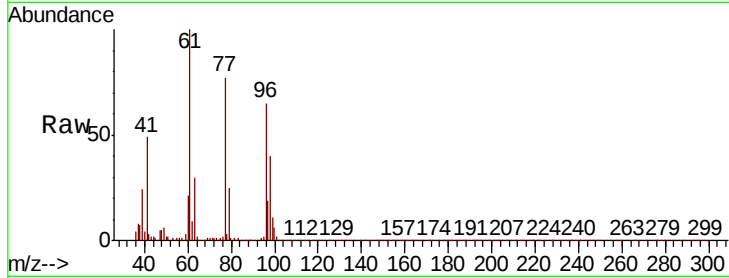
cis-1,2-Dichloroethene
Concen: 15.175 ug/l
RT: 4.56 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
96	100	258247		
61	159.8	0.0	308.4	
98	65.1	0.0	129.2	

Manual Integrations
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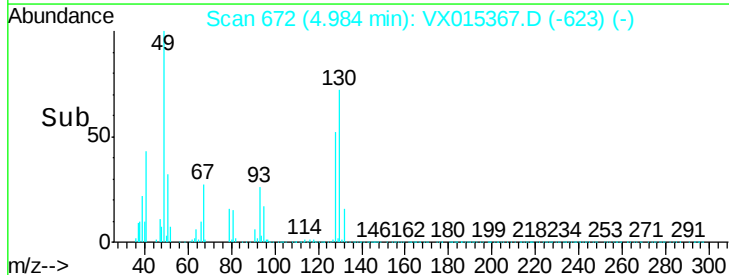
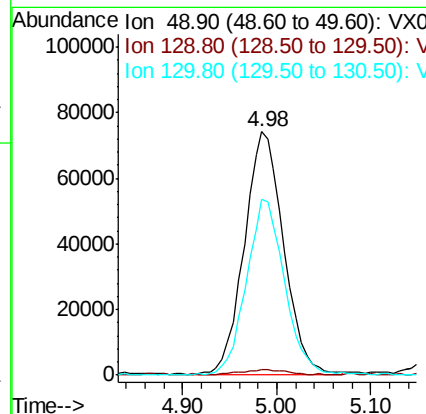
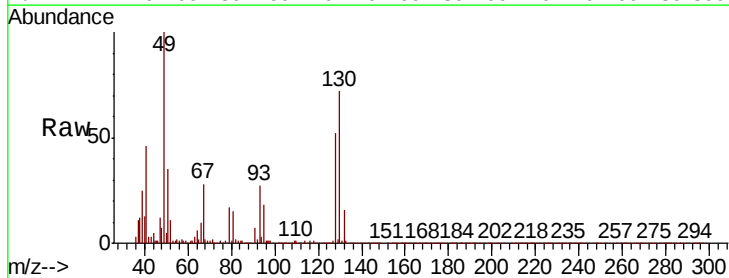
apatel
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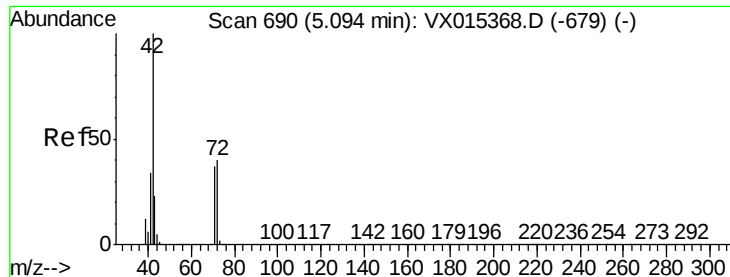


#28

Bromochloromethane
Concen: 19.087 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	214103		
129	2.7	0.0	4.4	
130	69.9	57.7	86.5	





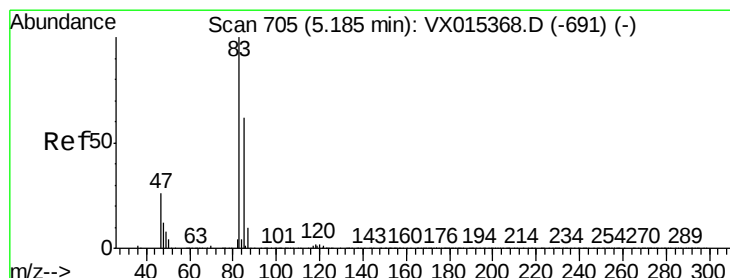
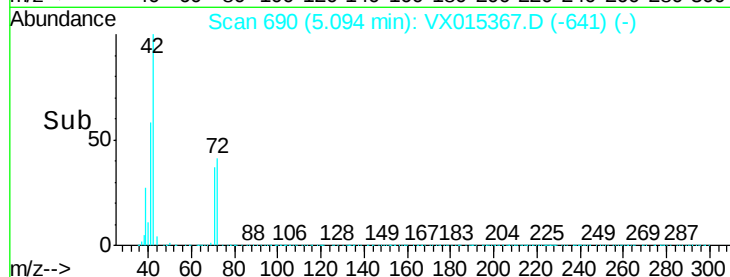
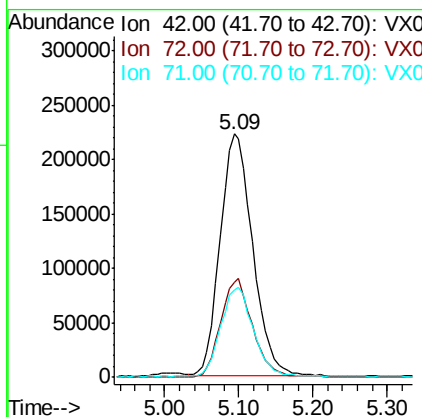
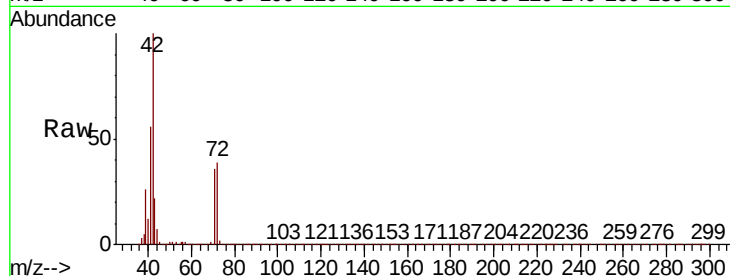
#29
Tetrahydrofuran
Concen: 108.342 ug/l
RT: 5.09 min Scan# 690
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.5	31.7	47.5
71	36.2	29.6	44.4

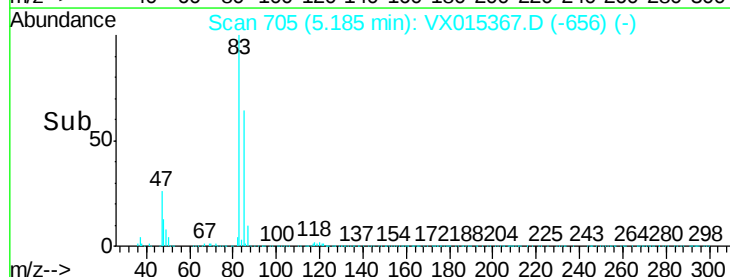
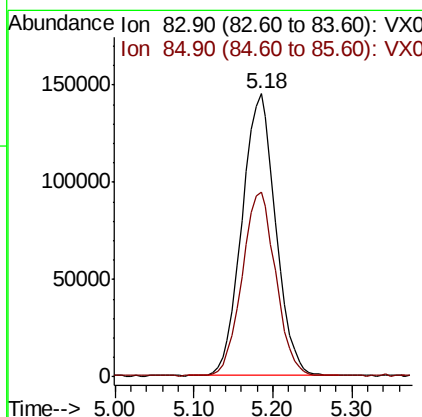
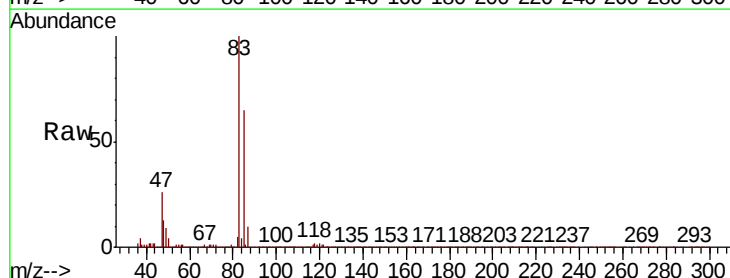
Manual Integrations
APPROVED

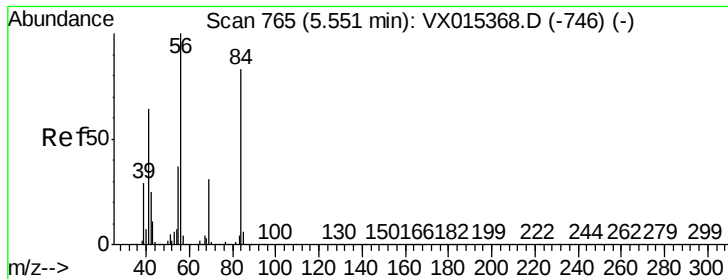
apatel
3/27/2020 5:16:10 PM



#30
Chloroform
Concen: 16.123 ug/l
RT: 5.18 min Scan# 705
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.1	49.5	74.3





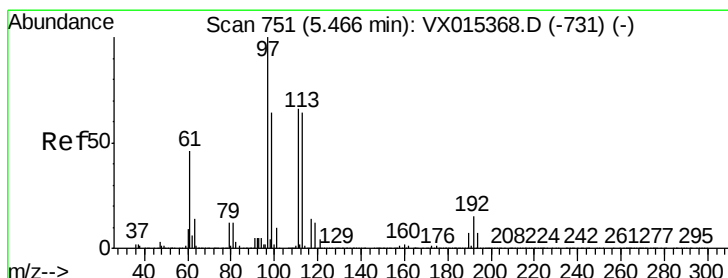
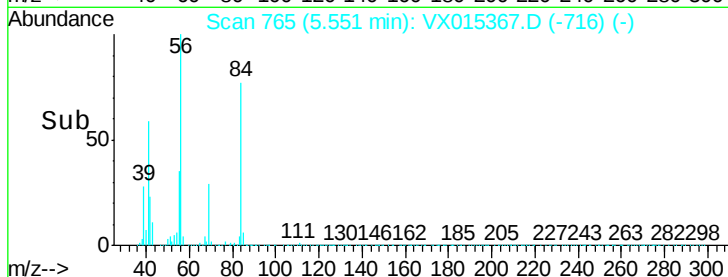
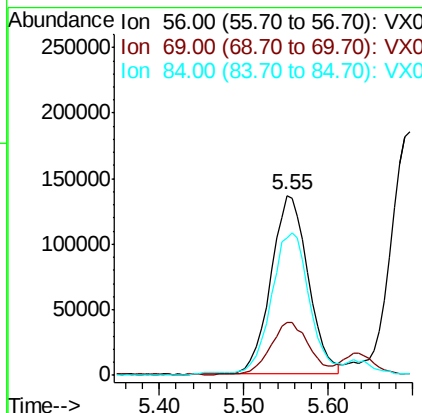
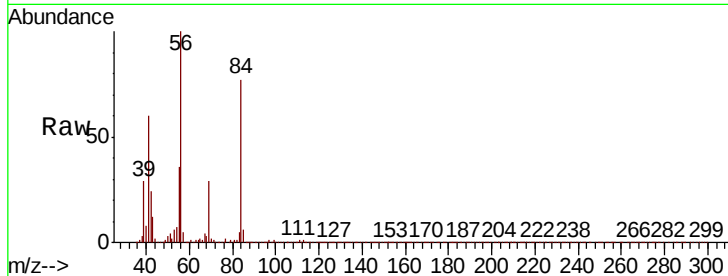
#31
Cyclohexane
Concen: 20.276 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
56	100		
69	28.9	24.6	36.8
84	76.6	66.1	99.1

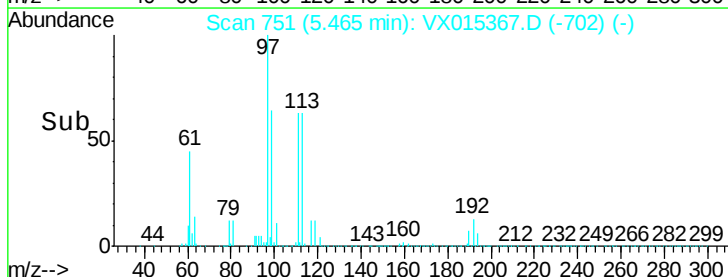
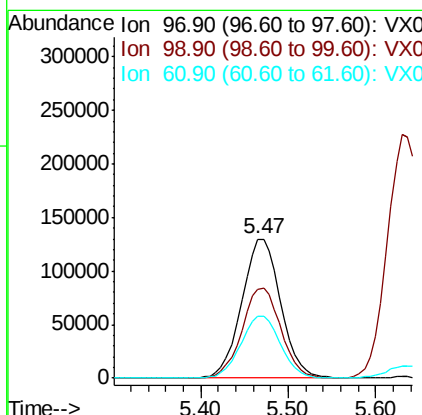
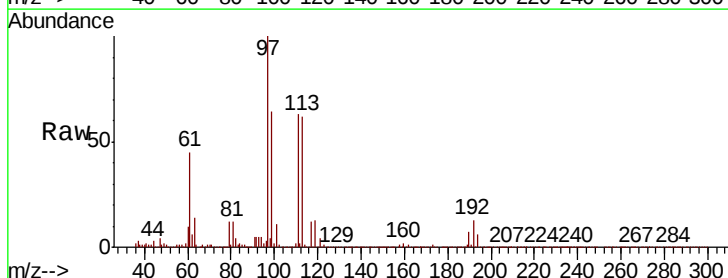
Manual Integrations
APPROVED

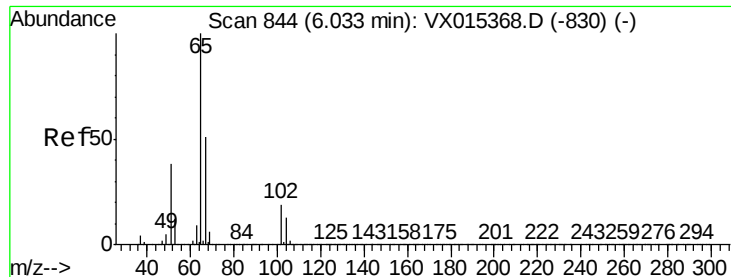
apatel
3/27/2020 5:16:10 PM



#32
1,1,1-Trichloroethane
Concen: 18.249 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.0	76.4
61	45.2	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 21.247 ug/l

RT: 6.04 min Scan# 845

Delta R.T. 0.01 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 65 Resp: 316830

Ion Ratio Lower Upper

65 100

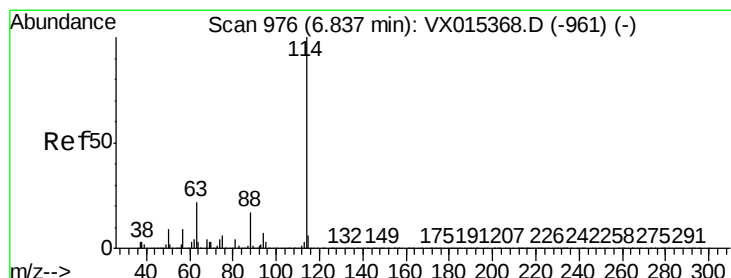
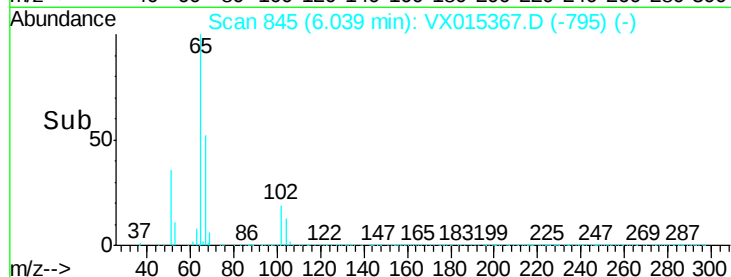
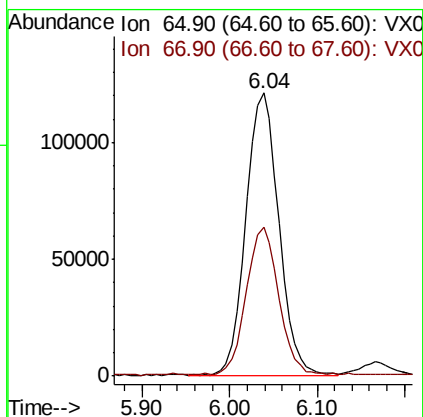
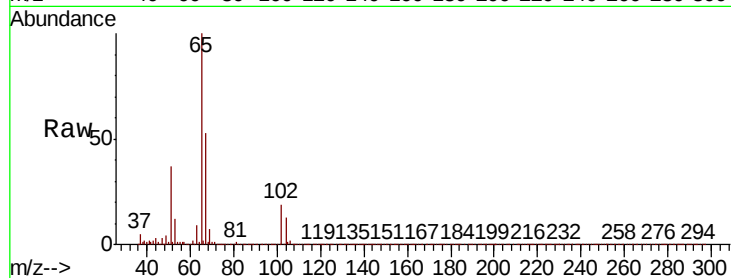
67 51.7 0.0 102.6

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

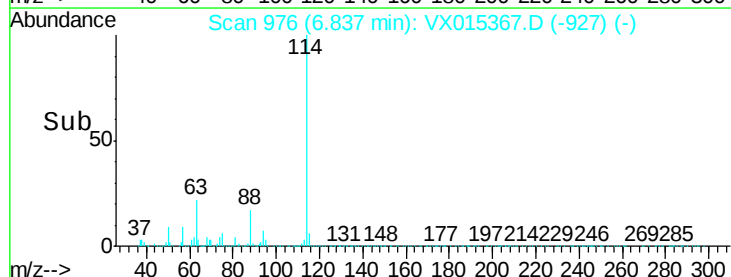
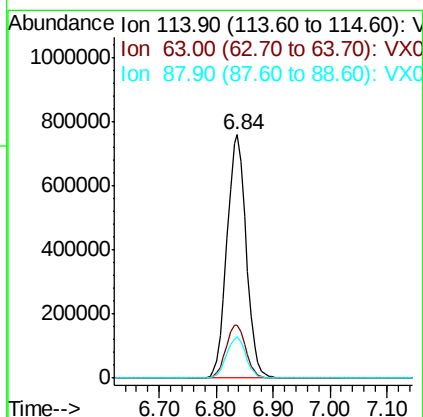
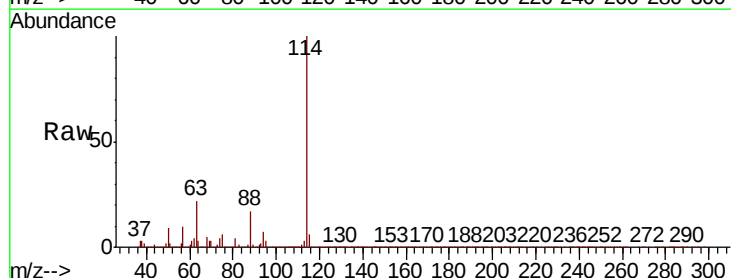
Tgt Ion: 114 Resp: 1792684

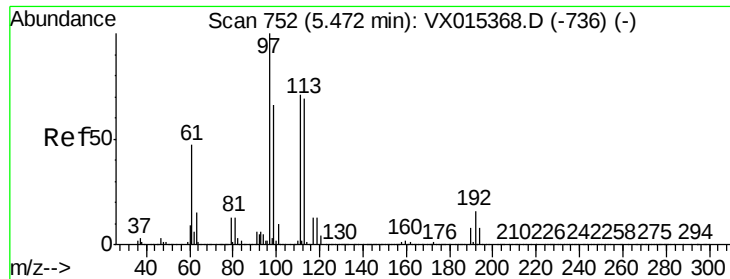
Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.2

88 17.1 0.0 33.8





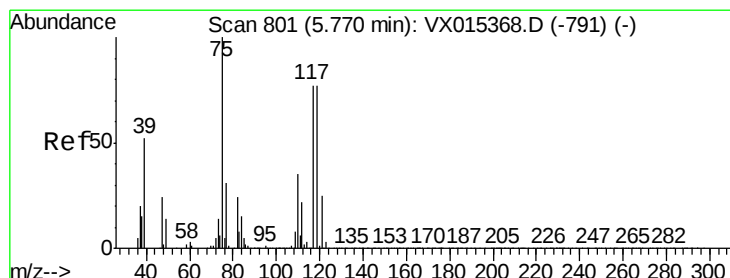
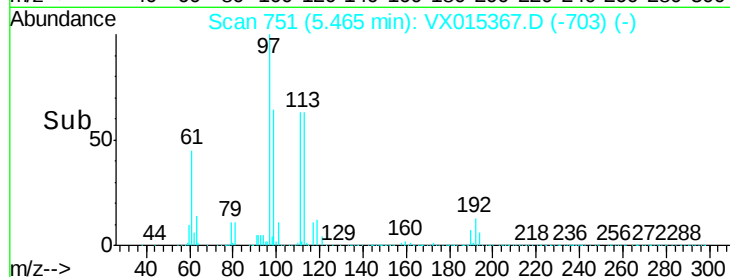
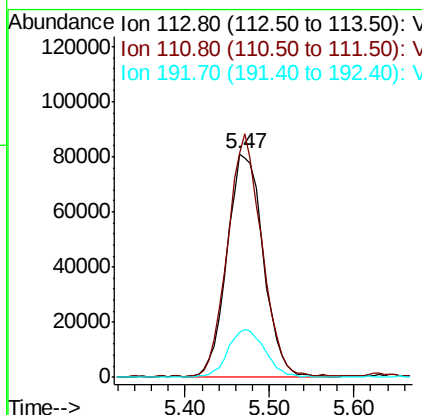
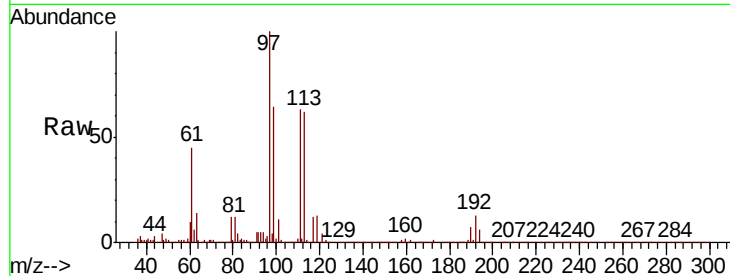
#35
Dibromofluoromethane
Concen: 20.005 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
113	100	233996		
111	103.1	81.5	122.3	
192	22.5	17.8	26.6	

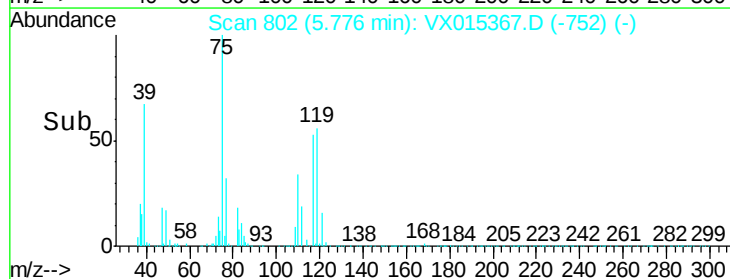
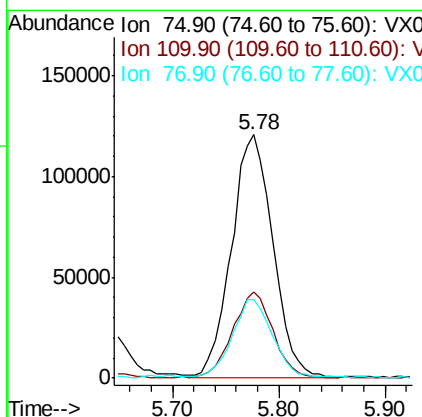
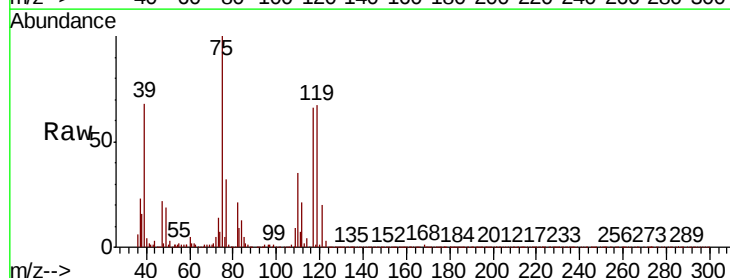
Manual Integrations
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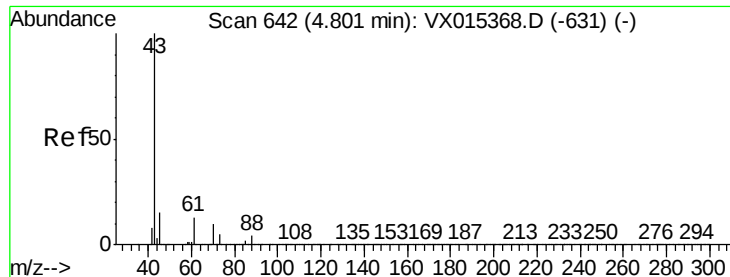
apatel
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#36
1,1-Dichloropropene
Concen: 19.631 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.01 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	327039		
110	34.2	17.1	51.3	
77	30.4	24.6	36.8	





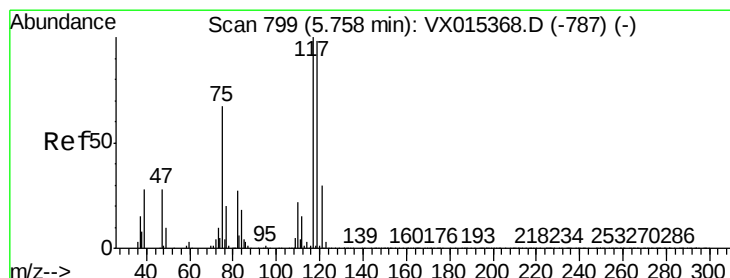
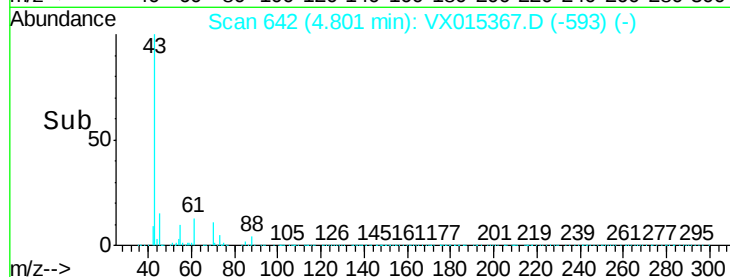
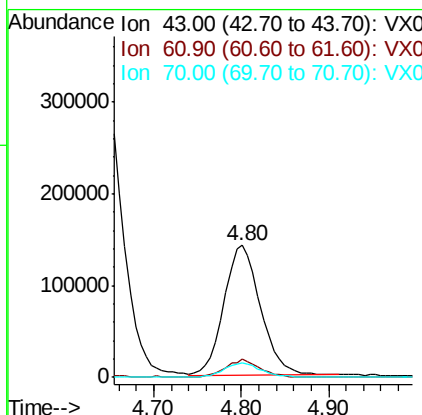
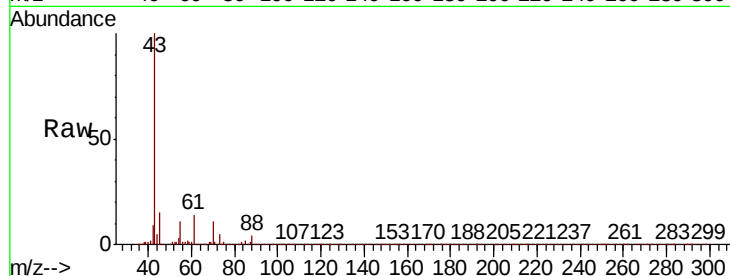
#37
Ethyl Acetate
Concen: 24.480 ug/l
RT: 4.80 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	43	Resp	408803
Ion Ratio	Lower	Upper	
43	100		
61	12.6	9.9	14.9
70	10.8	8.1	12.1

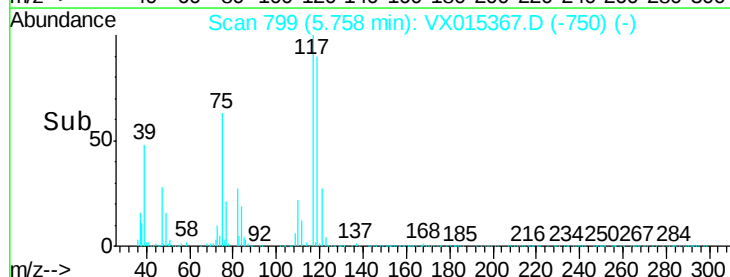
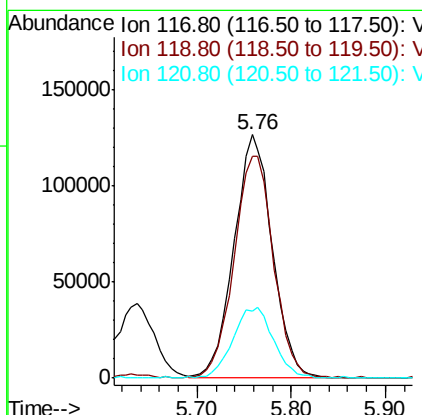
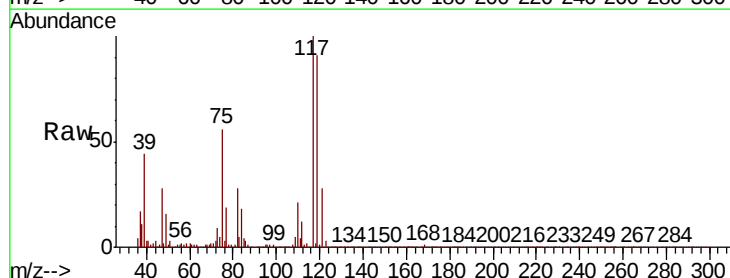
Manual Integrations
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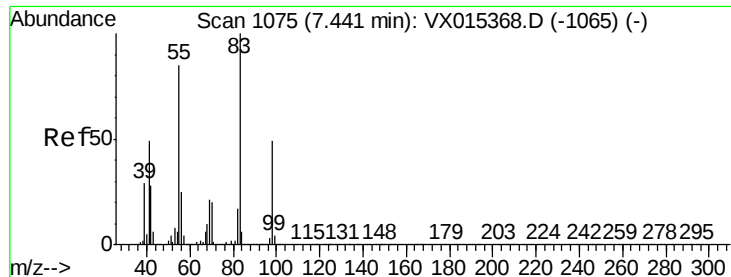
apatel
3/27/2020 5:16:10 PM



#38
Carbon Tetrachloride
Concen: 22.284 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion	117	Resp	357015
Ion Ratio	Lower	Upper	
117	100		
119	90.9	78.0	117.0
121	27.6	23.8	35.8





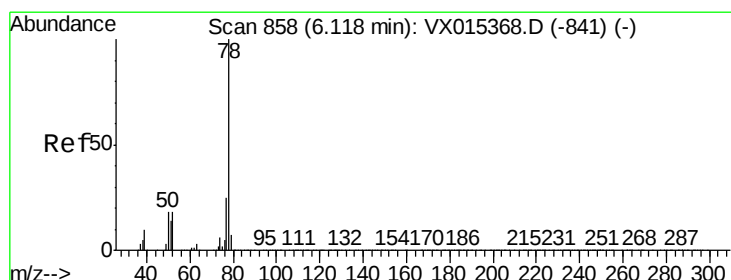
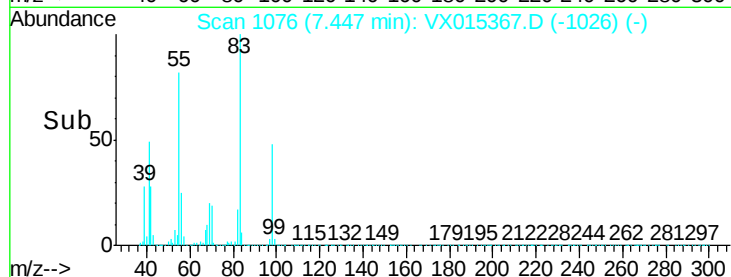
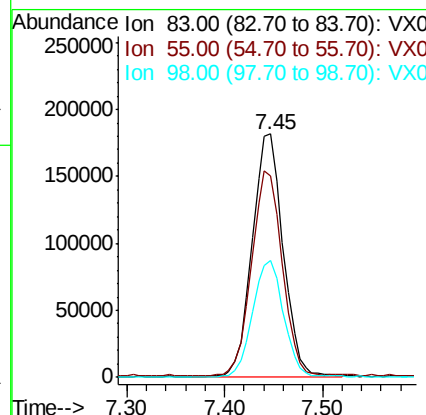
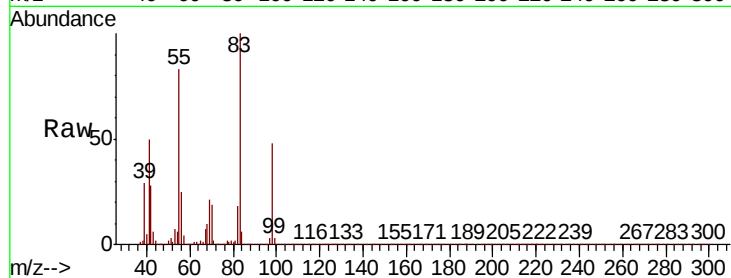
#39
Methvlcvclohexane
Concen: 20.555 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
83	100		
55	82.3	67.8	101.6
98	48.1	39.3	58.9

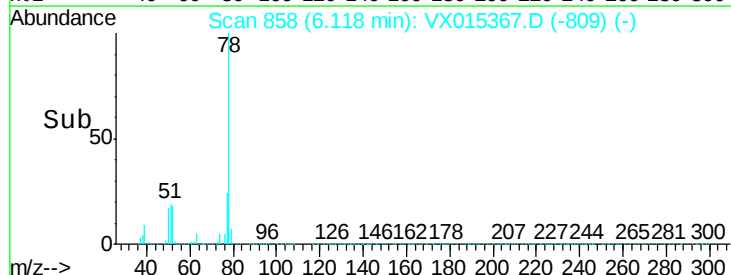
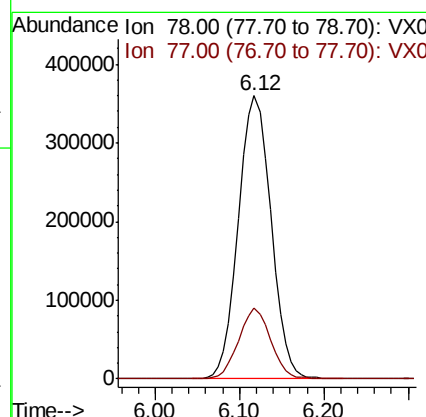
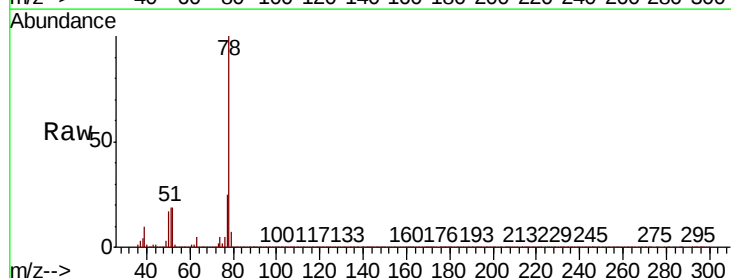
Manual Integrations
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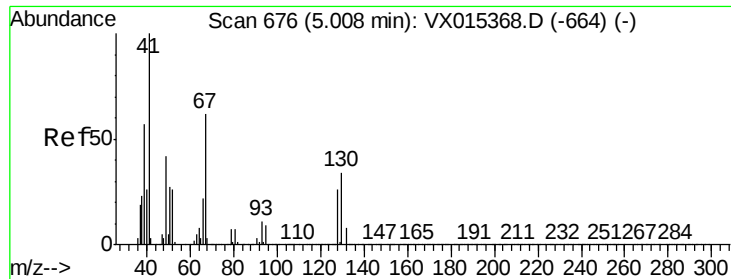
apatel
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#40
Benzene
Concen: 18.518 ug/l
RT: 6.12 min Scan# 858
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.8	29.8





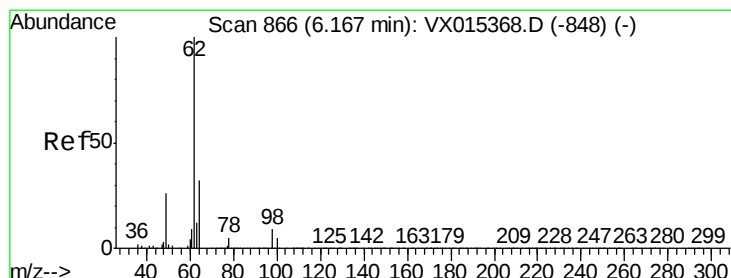
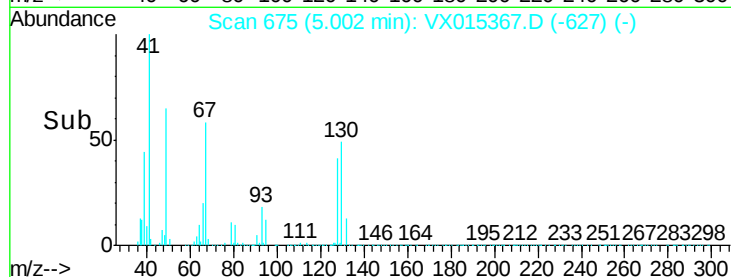
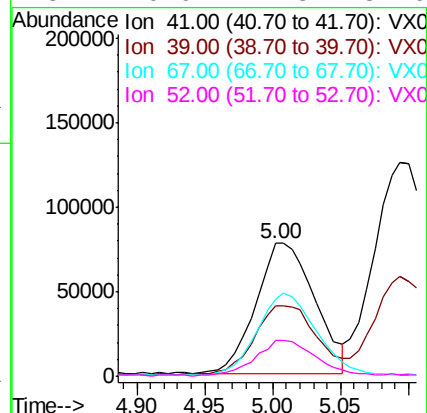
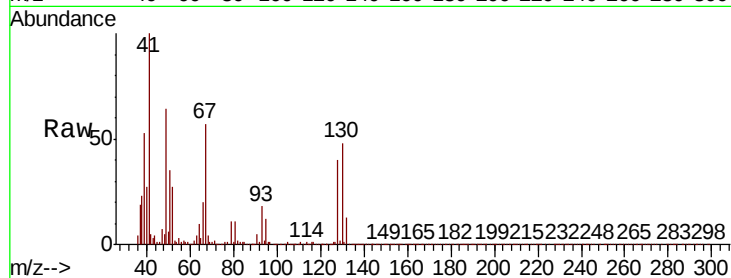
#41
Methacrylonitrile
Concen: 25.866 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	57.1	44.5	66.7
67	62.9	48.9	73.3
52	26.9	21.8	32.6

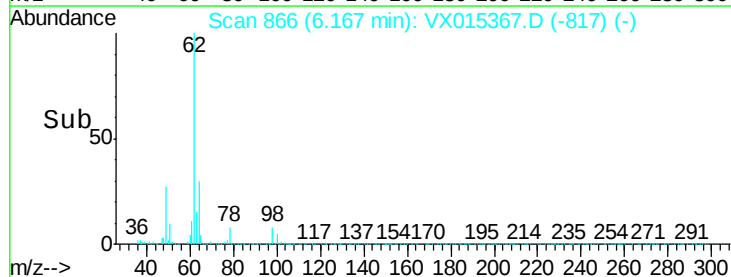
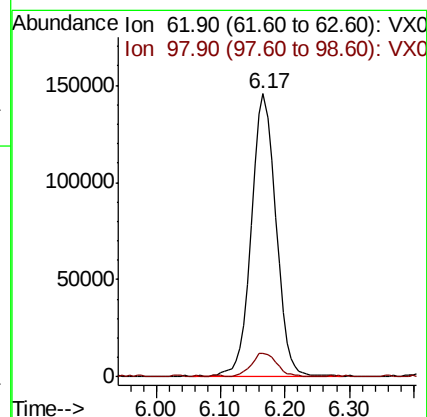
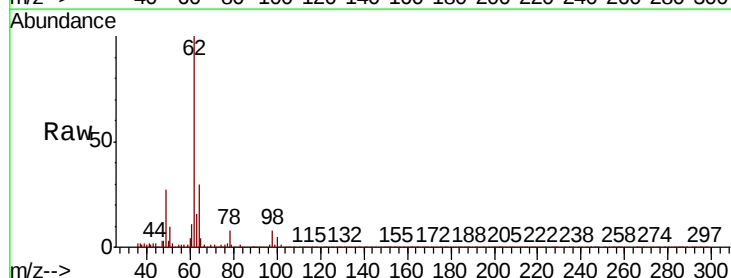
Manual Integrations
APPROVED

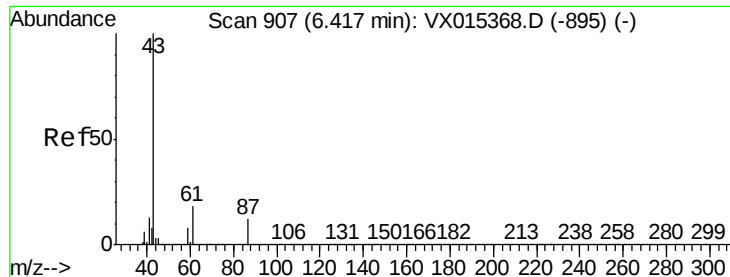
apatel
3/27/2020 5:16:10 PM



#42
1,2-Dichloroethane
Concen: 23.059 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.6





#43

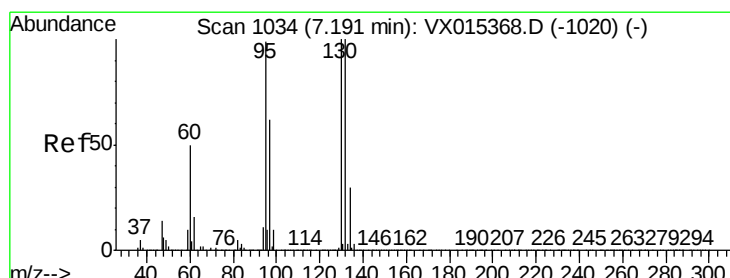
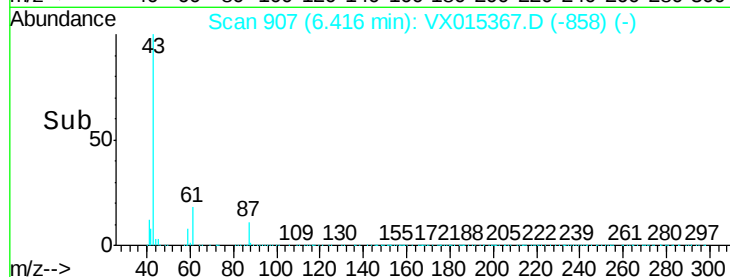
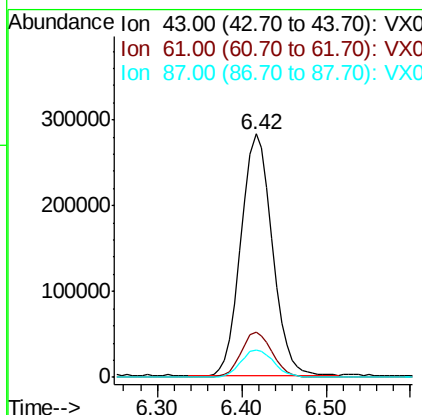
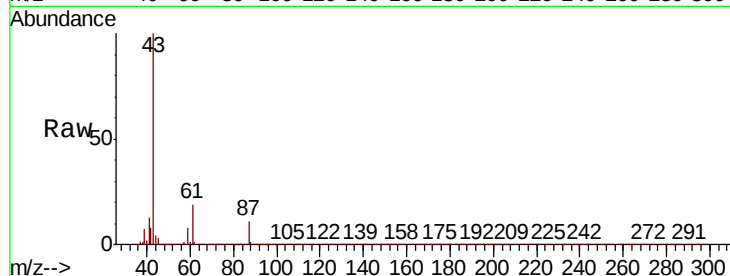
Isopropyl Acetate
 Concen: 27.448 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: VX015367.D
 Acq: 26 Mar 2020 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion:	43	Resp:	710074
Ion	Ratio	Lower	Upper
43	100		
61	18.4	14.8	22.2
87	11.8	9.4	14.0

Manual Integrations
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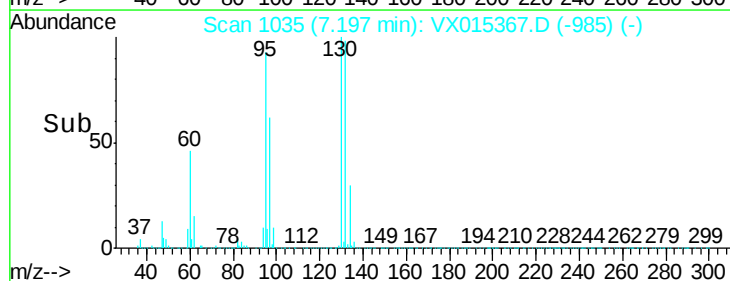
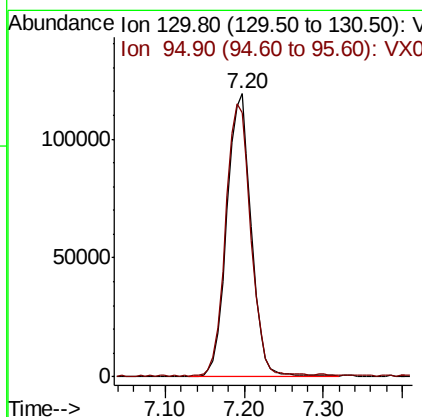
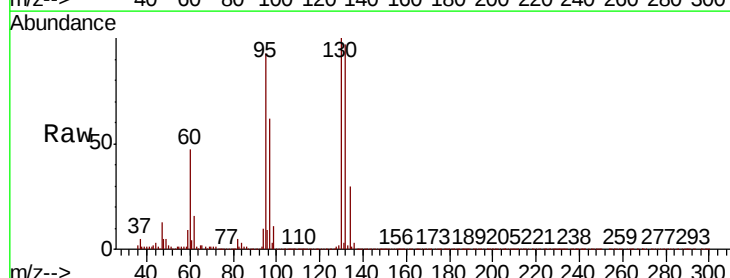
apatel
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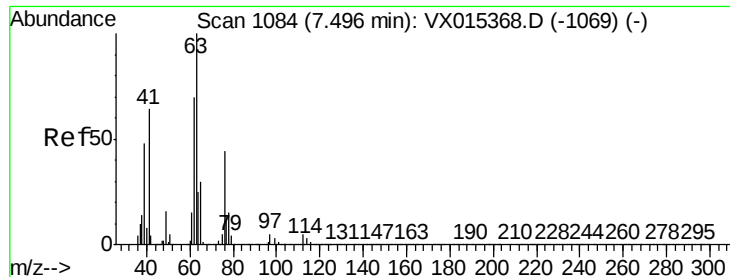


#44

Trichloroethene
 Concen: 18.353 ug/l
 RT: 7.20 min Scan# 1035
 Delta R.T. 0.01 min
 Lab File: VX015367.D
 Acq: 26 Mar 2020 20:16

Tgt Ion:	130	Resp:	256876
Ion	Ratio	Lower	Upper
130	100		
95	92.8	0.0	199.0





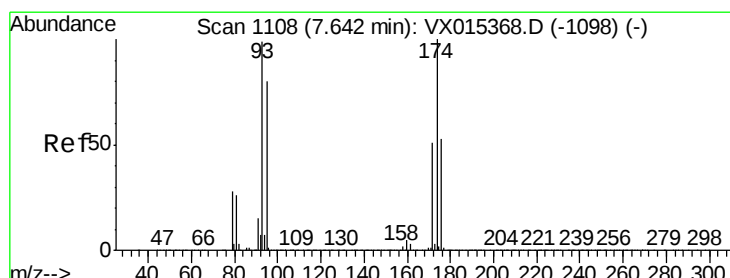
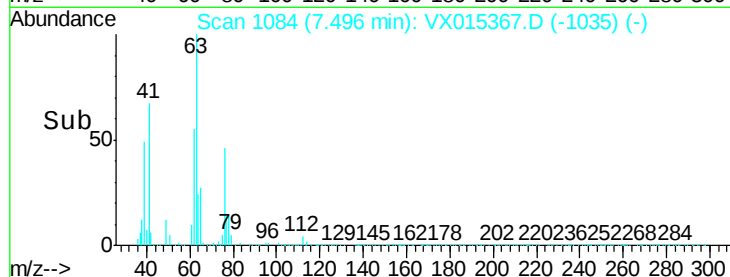
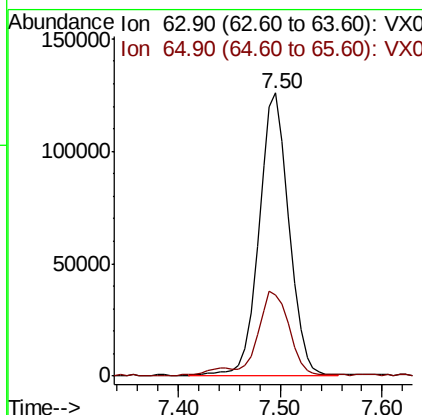
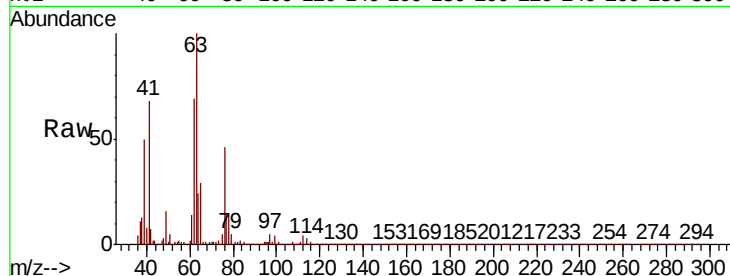
#45
1,2-Dichloropropane
Concen: 20.600 ug/l
RT: 7.50 min Scan# 1084
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.3	23.9	35.9

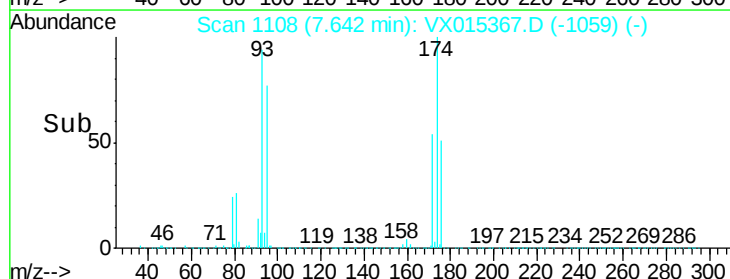
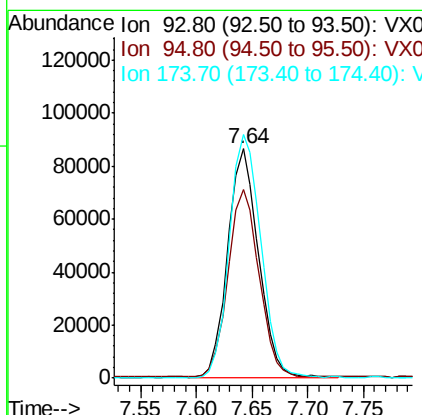
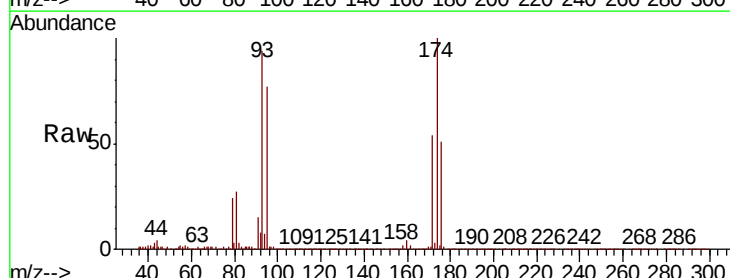
Manual Integrations
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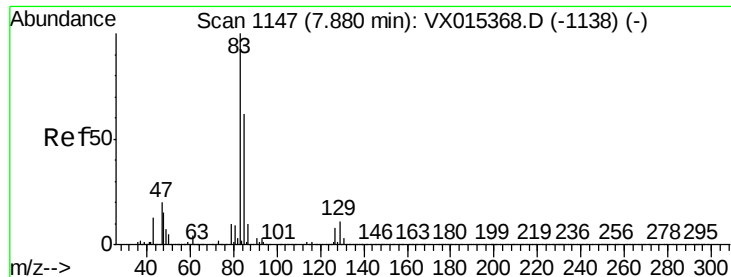
apatel
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#46
Dibromomethane
Concen: 19.094 ug/l
RT: 7.64 min Scan# 1108
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.8	65.8	98.8
174	109.3	86.2	129.2





#47

Bromodichloromethane

Concen: 21.835 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

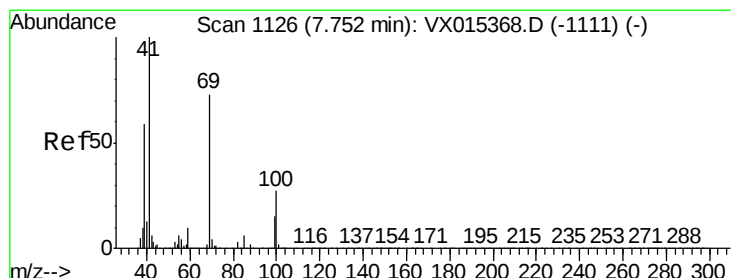
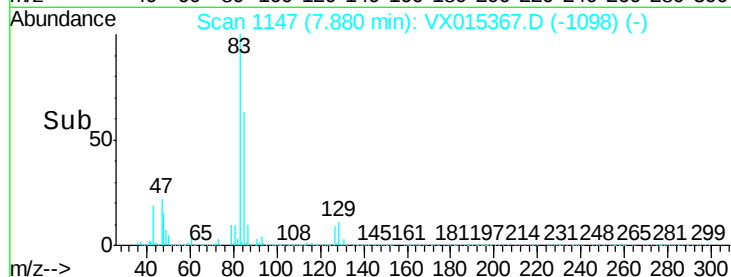
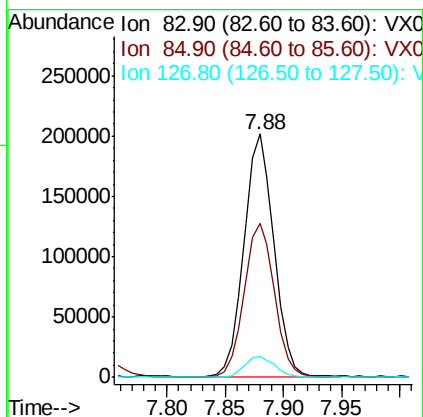
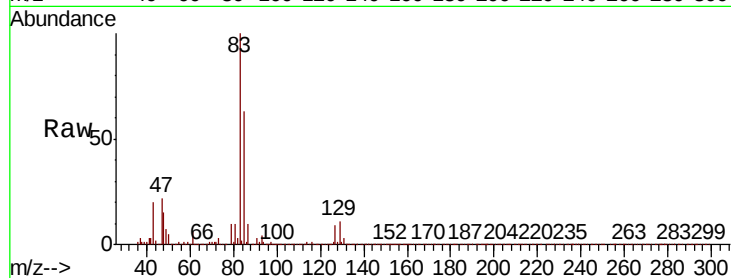
ClientSampleId :

VSTDIC020

Tot Ion:	83	Resp:	359833
Ion Ratio	Lower	Upper	
83	100		
85	62.7	49.7	74.5
127	8.7	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 28.222 ug/l

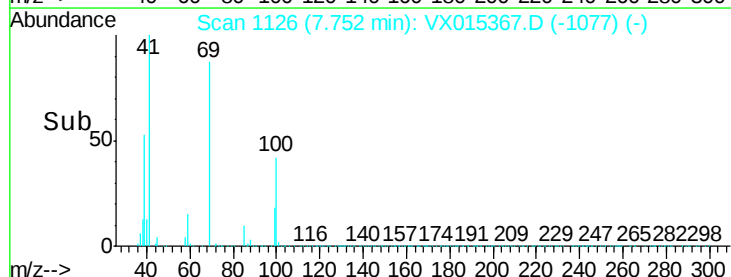
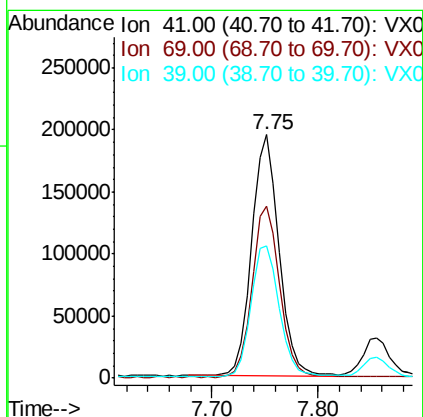
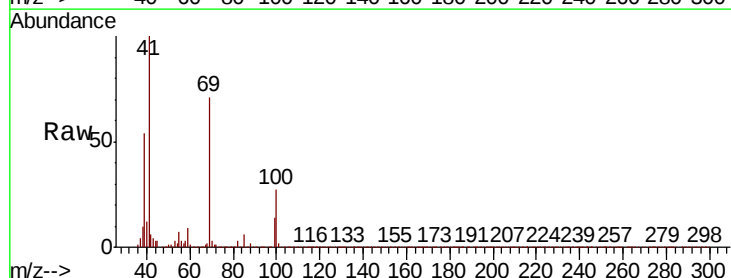
RT: 7.75 min Scan# 1126

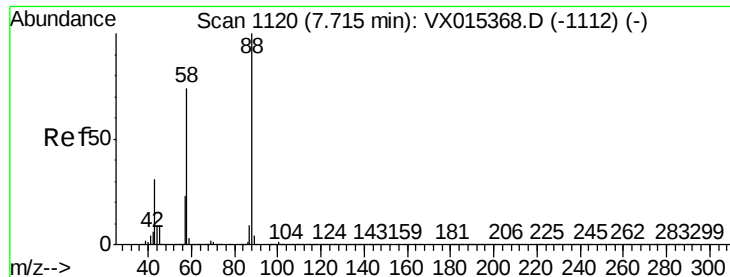
Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Tgt Ion:	41	Resp:	350679
Ion Ratio	Lower	Upper	
41	100		
69	71.9	56.7	85.1
39	56.5	46.5	69.7





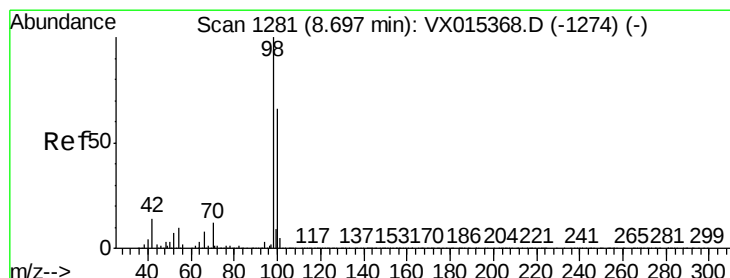
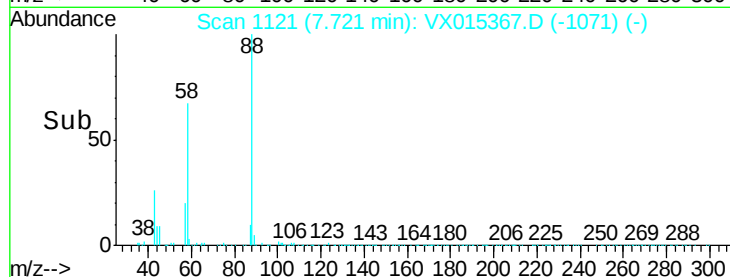
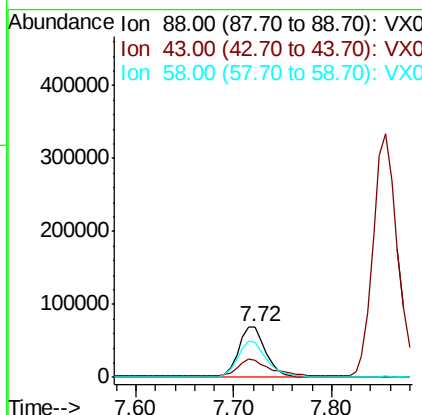
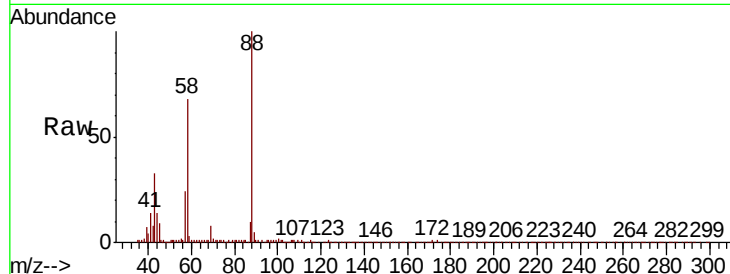
#49
1,4-Dioxane
Concen: 418.317 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. 0.01 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.8	30.1	45.1
58	74.6	60.6	90.8

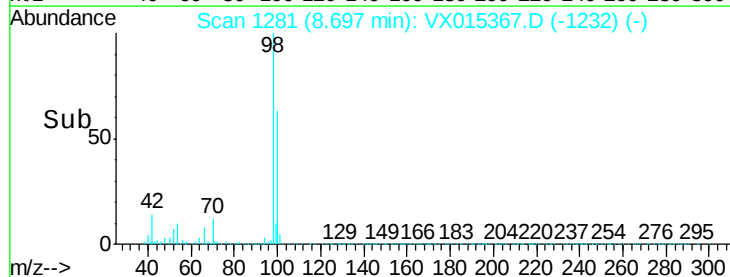
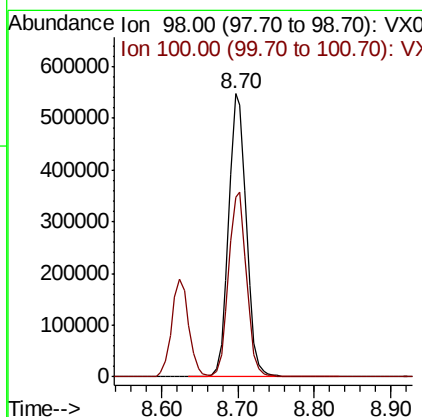
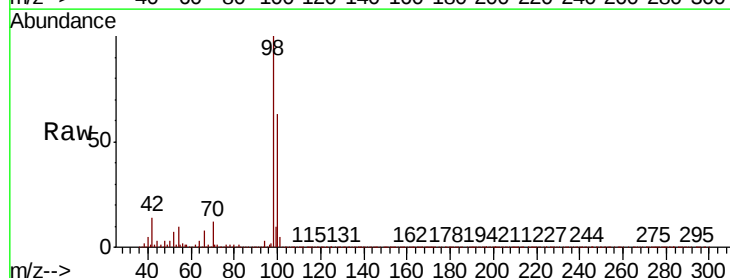
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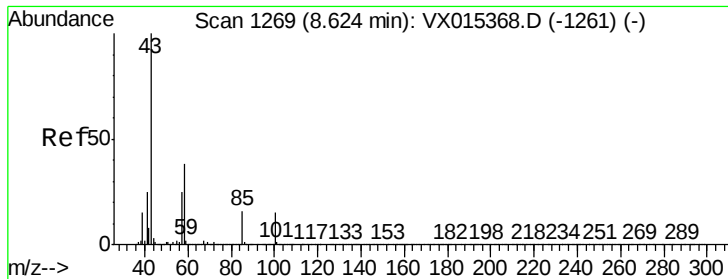
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#50
Toluene-d8
Concen: 20.511 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 132.723 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tot Ion: 43 Resp: 2076889

Ion Ratio Lower Upper

43 100

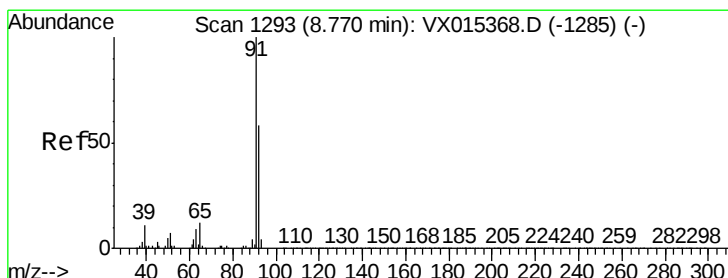
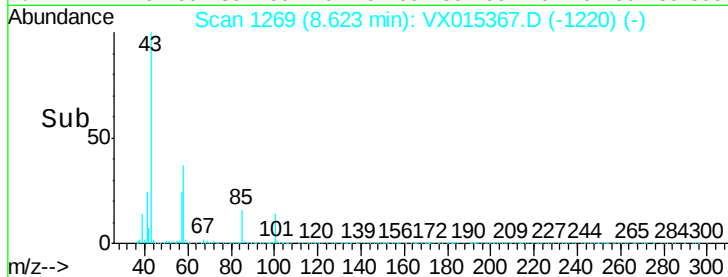
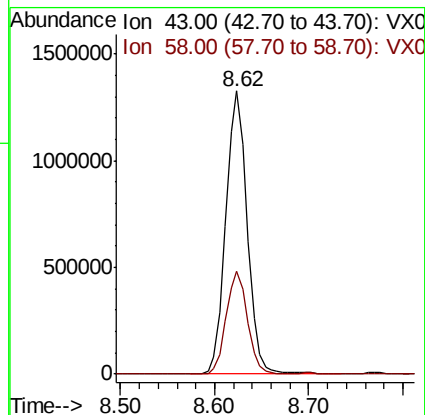
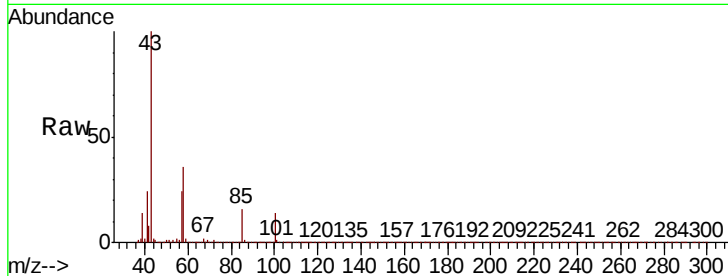
58 36.3 29.7 44.5

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#52

Toluene

Concen: 18.867 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX015367.D

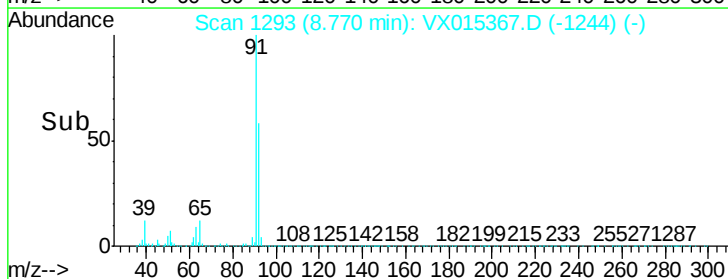
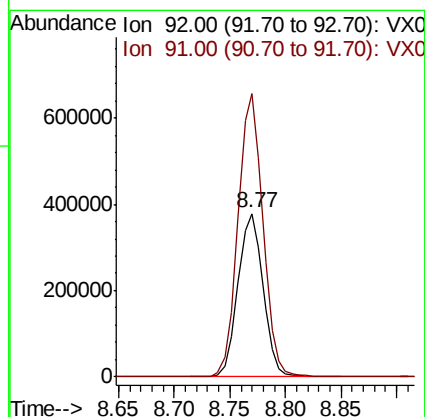
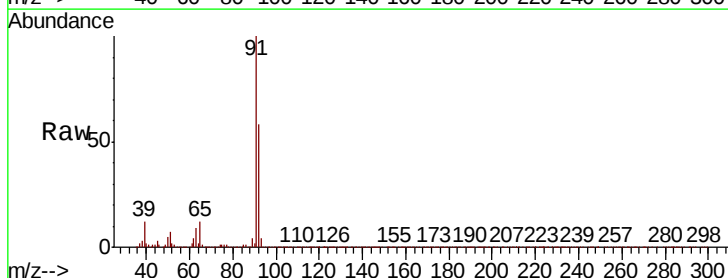
Acq: 26 Mar 2020 20:16

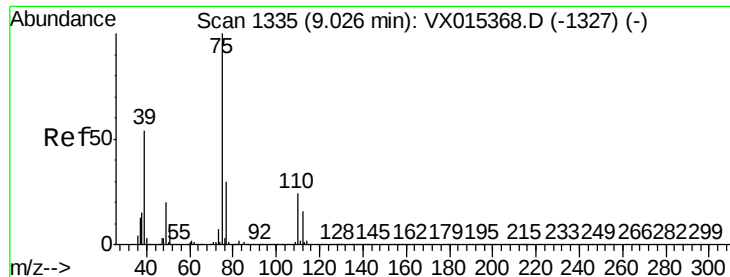
Tgt Ion: 92 Resp: 590690

Ion Ratio Lower Upper

92 100

91 171.7 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 23.268 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 75 Resp: 416525

Ion Ratio Lower Upper

75 100

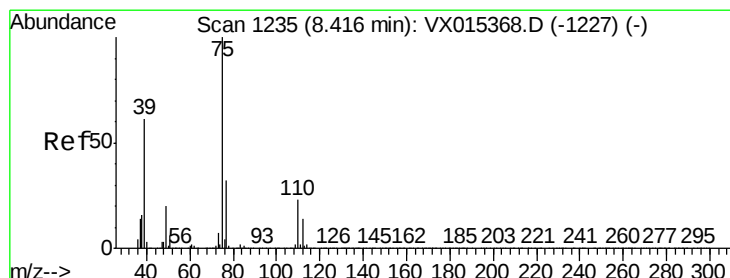
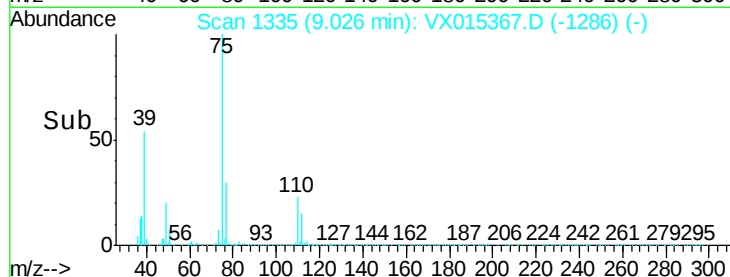
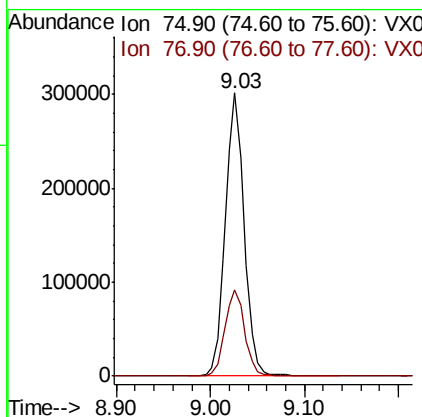
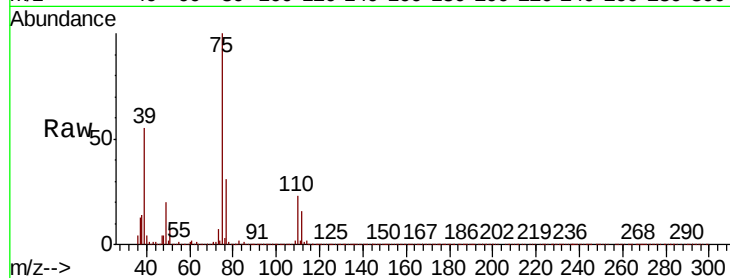
77 30.5 24.1 36.1

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#54

cis-1,3-Dichloropropene

Concen: 21.610 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

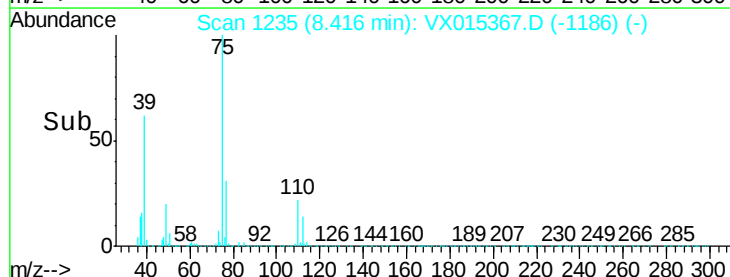
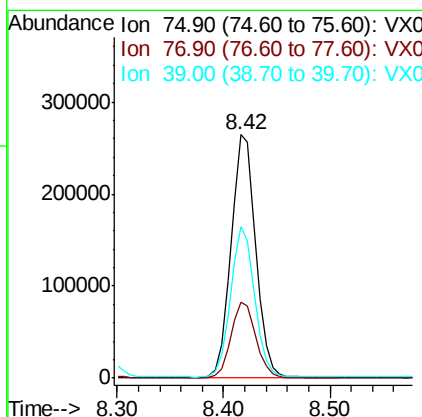
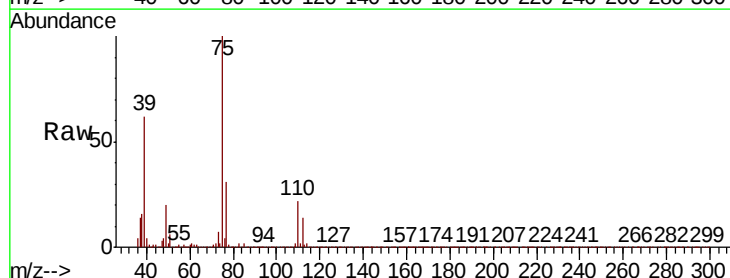
Tgt Ion: 75 Resp: 429646

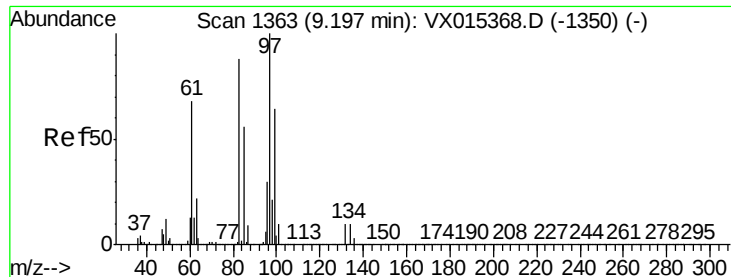
Ion Ratio Lower Upper

75 100

77 30.9 25.8 38.6

39 62.1 49.0 73.4





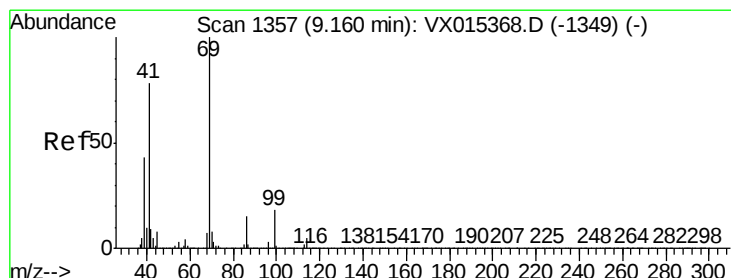
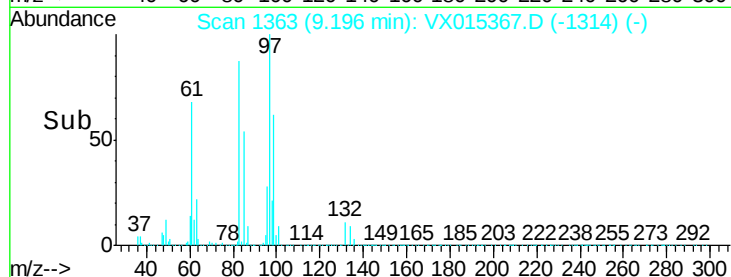
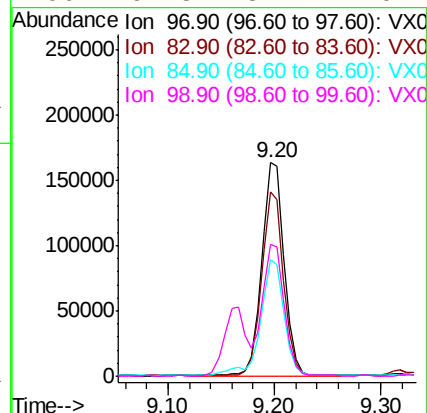
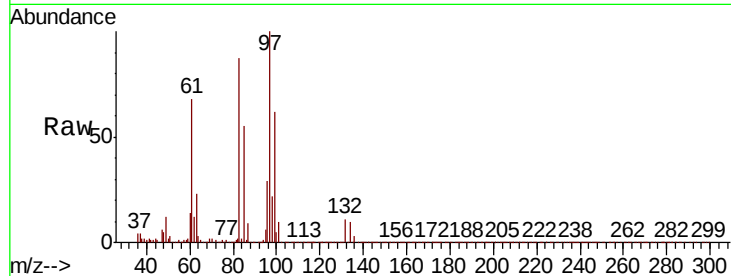
#55
 1,1,2-Trichloroethane
 Concen: 17.848 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VX015367.D
 Acq: 26 Mar 2020 20:16

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		239179		
83	86.4	70.2	105.4		
85	54.3	44.7	67.1		
99	61.8	51.1	76.7		

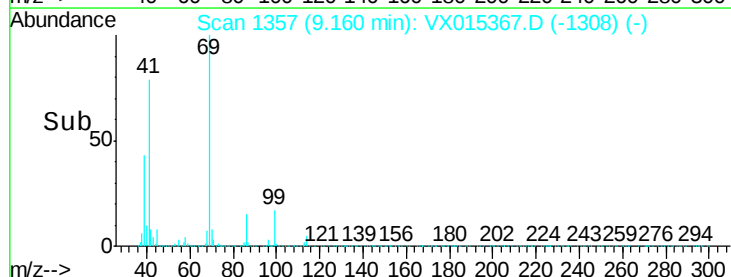
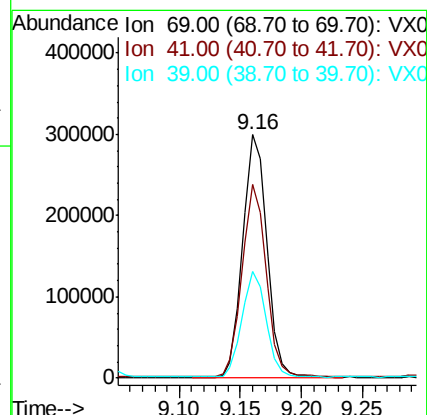
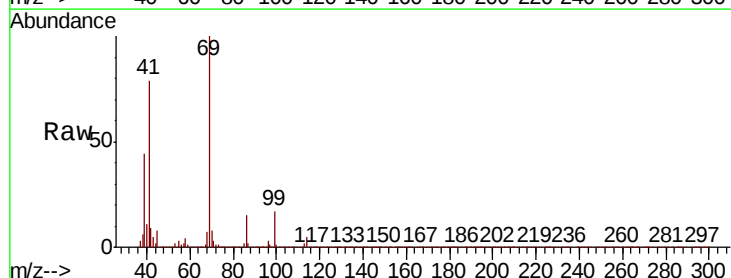
Manual Integrations
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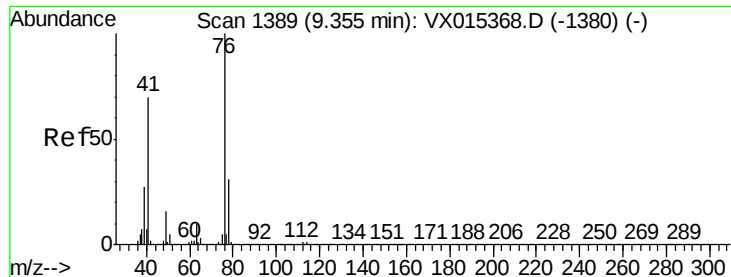
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#56
 Ethyl methacrylate
 Concen: 22.437 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: VX015367.D
 Acq: 26 Mar 2020 20:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		408816		
41	79.1	61.6	92.4		
39	43.3	34.0	51.0		





#57

1,3-Dichloropropane

Concen: 18.632 ug/l

RT: 9.35 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 76 Resp: 414414

Ion Ratio Lower Upper

76 100

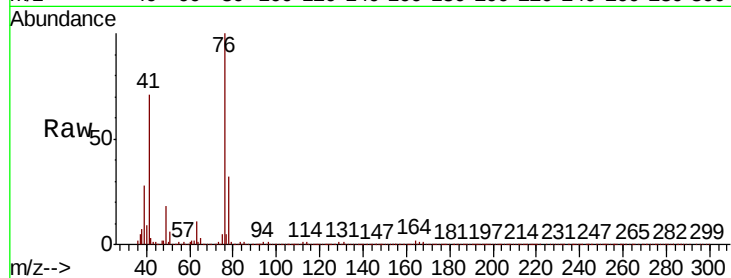
78 32.3 25.8 38.8

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

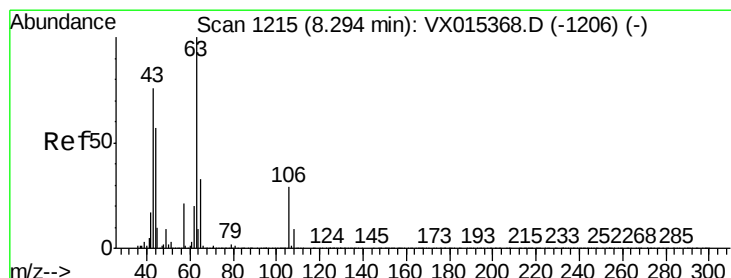
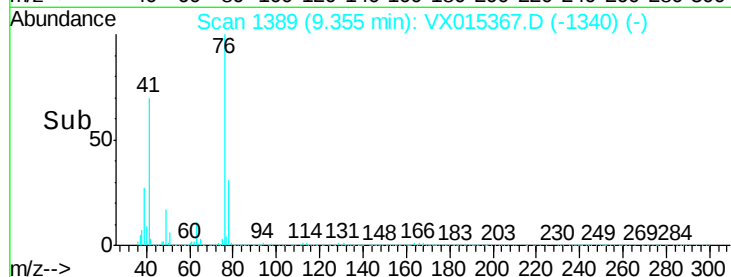
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 93.910 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. -0.00 min

Lab File: VX015367.D

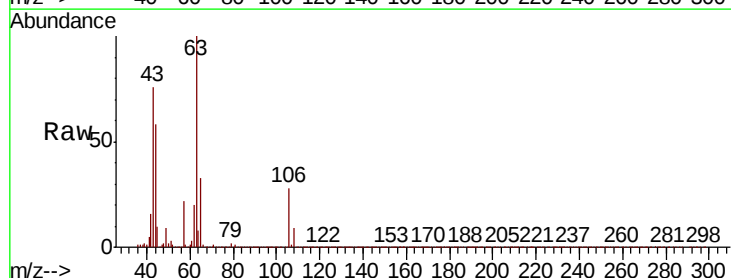
Acq: 26 Mar 2020 20:16

Tgt Ion: 63 Resp: 956188

Ion Ratio Lower Upper

63 100

106 28.2 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

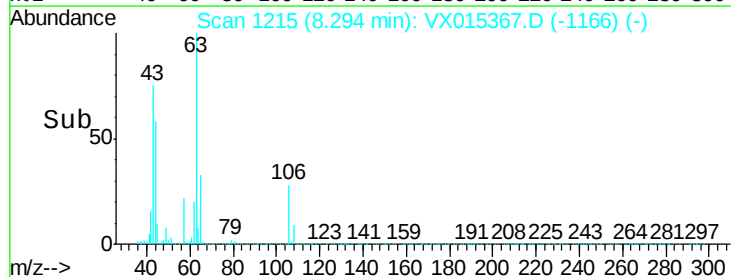
600000

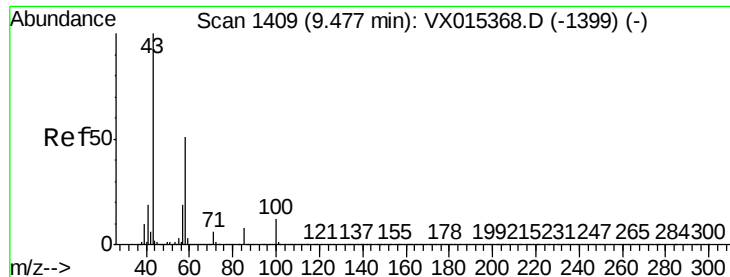
400000

200000

0

Time-->





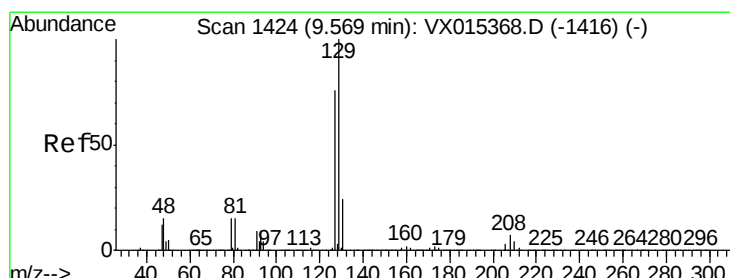
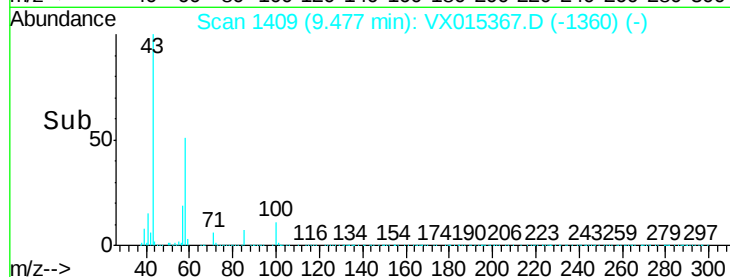
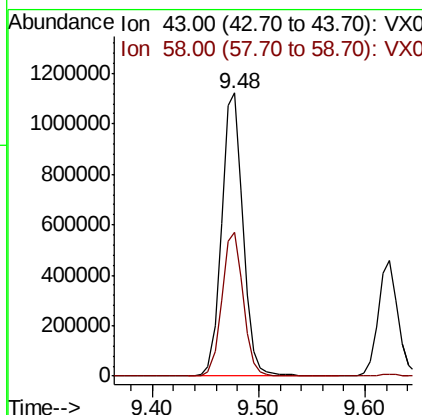
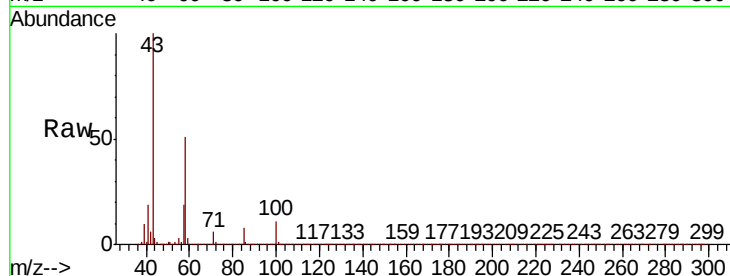
#59
2-Hexanone
Concen: 133.563 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 43 Resp: 1559956
Ion Ratio Lower Upper
43 100
58 50.9 25.6 76.6

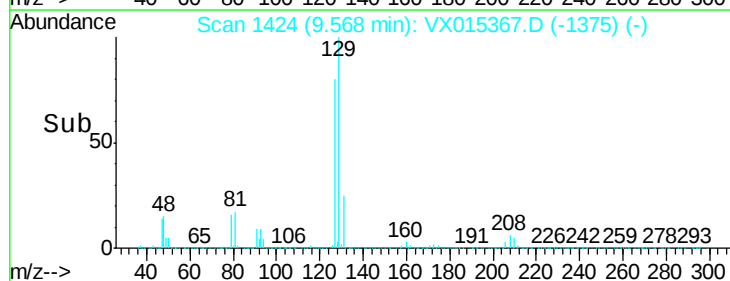
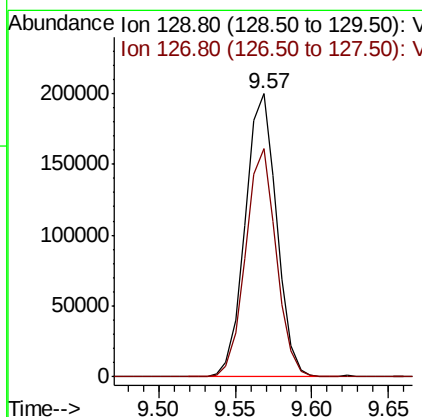
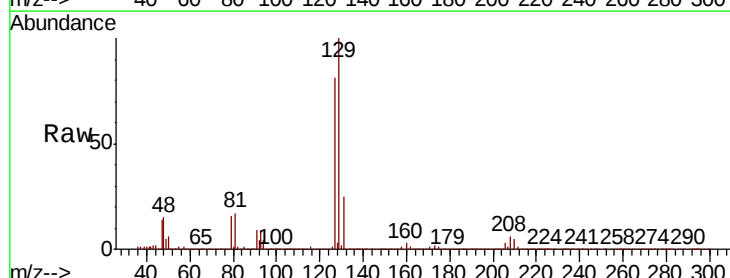
Manual Integrations
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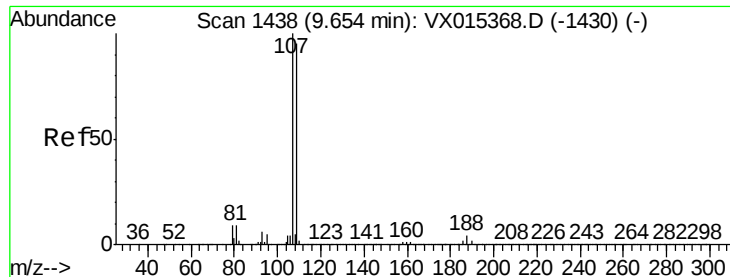
apatel
3/27/2020 5:16:10 PM



#60
Dibromochloromethane
Concen: 21.157 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion: 129 Resp: 284880
Ion Ratio Lower Upper
129 100
127 78.7 38.2 114.6





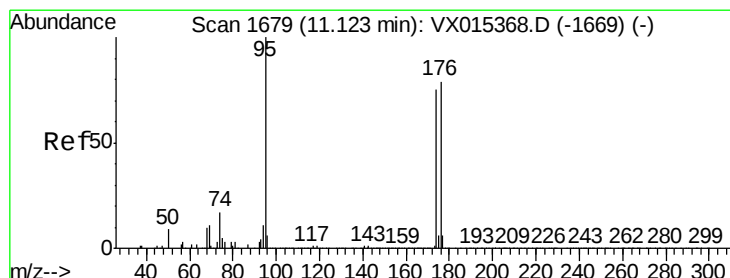
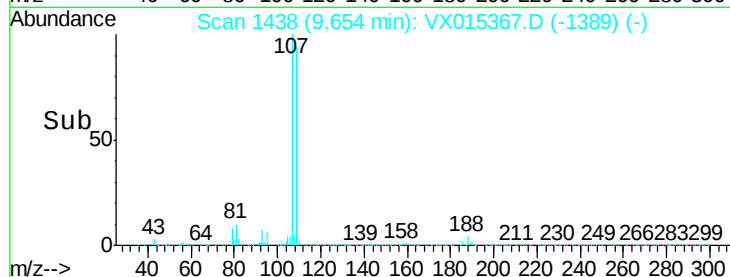
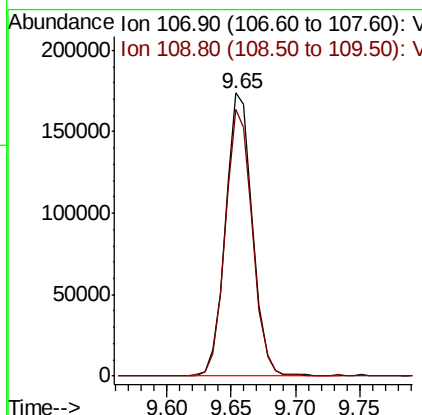
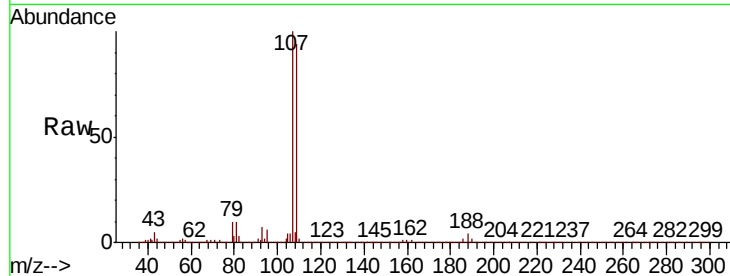
#61
 1,2-Dibromoethane
 Concen: 18.462 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. -0.00 min
 Lab File: VX015367.D
 Acq: 26 Mar 2020 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
107	100	253173		
109	94.7	74.8	112.2	

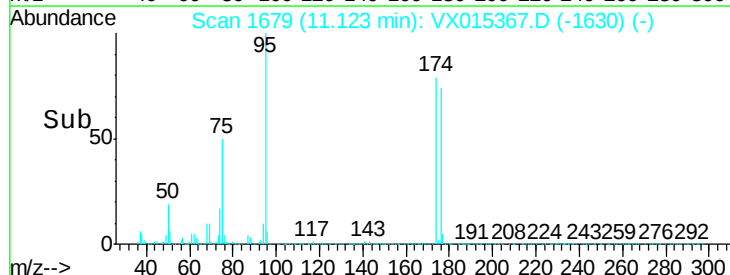
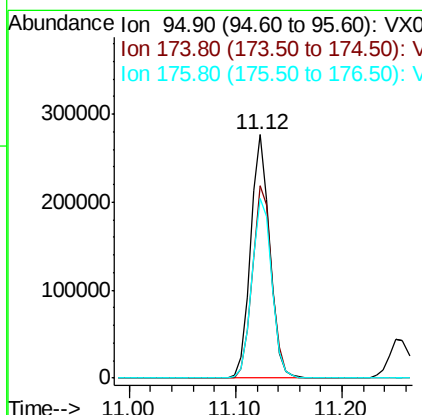
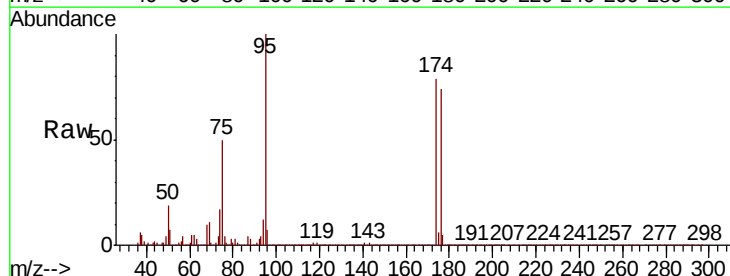
Manual Integrations
 APPROVED

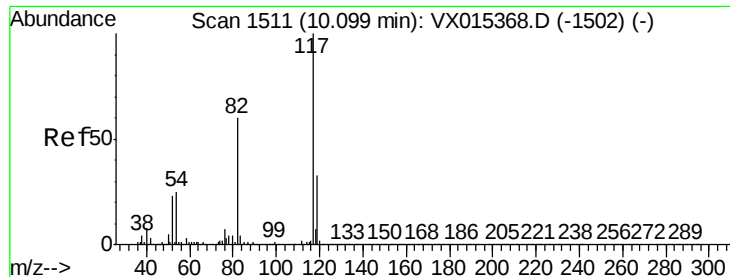
apatel
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#62
 4-Bromofluorobenzene
 Concen: 21.207 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: VX015367.D
 Acq: 26 Mar 2020 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	348323		
174	80.8	0.0	158.6	
176	76.7	0.0	159.0	





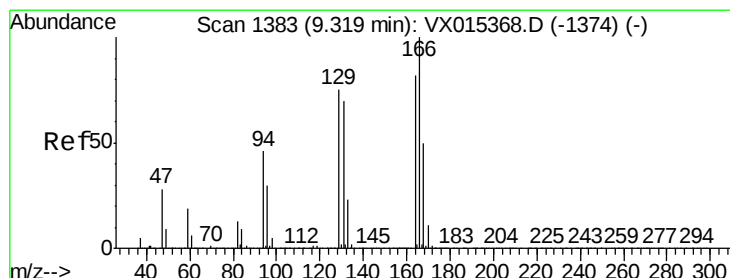
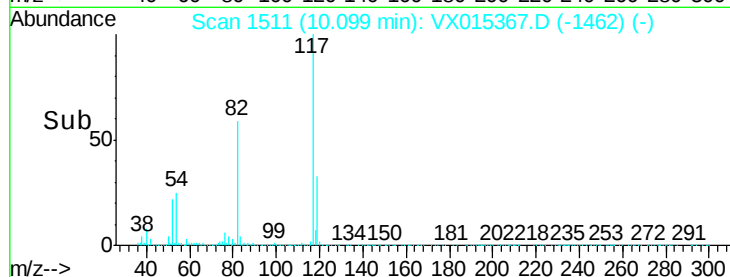
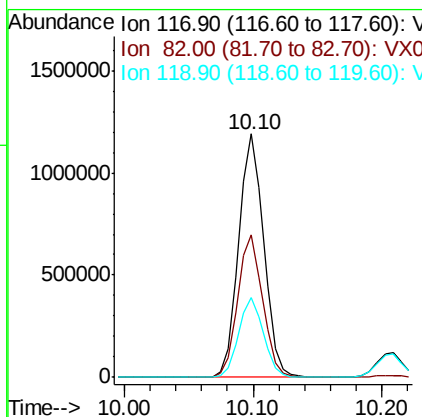
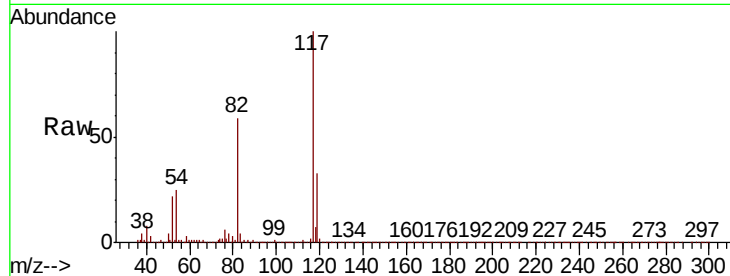
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.7	47.8	71.8
119	33.0	26.8	40.2

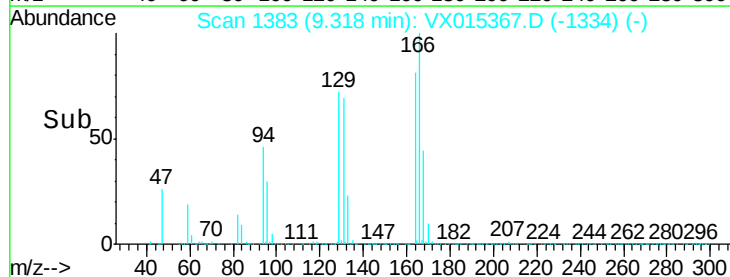
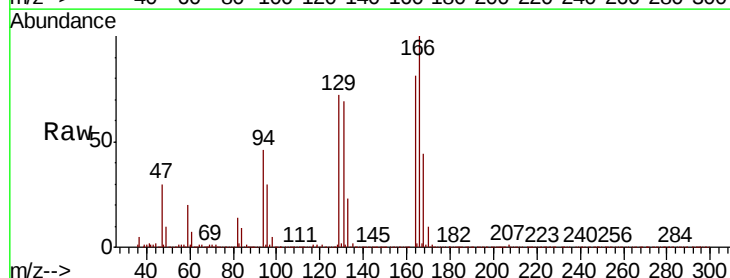
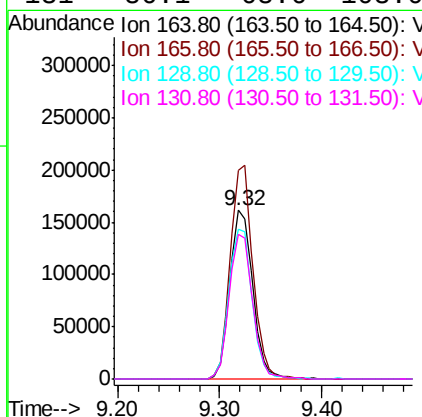
Manual Integrations
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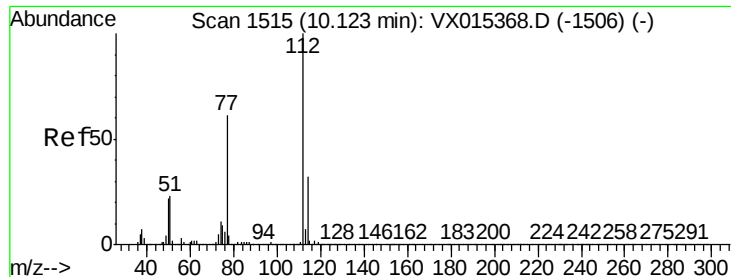
apatel
3/27/2020 5:16:10 PM



#64
Tetrachloroethene
Concen: 21.605 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.0	97.8	146.6
129	88.8	73.0	109.4
131	86.1	68.6	103.0





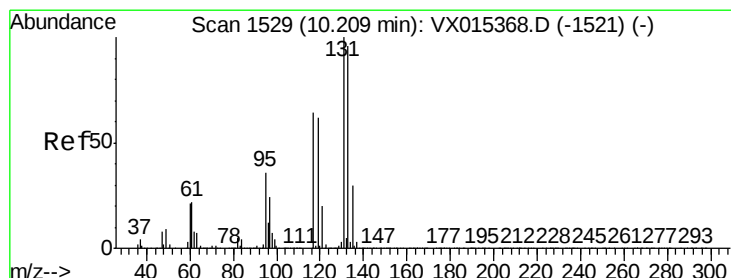
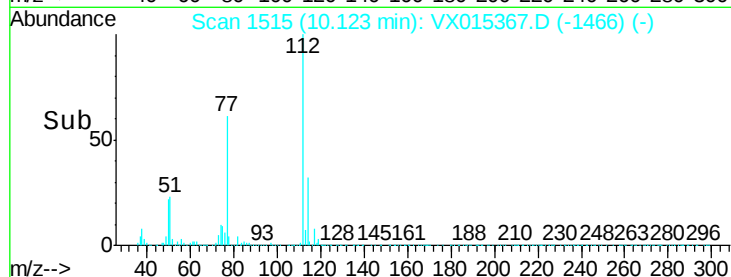
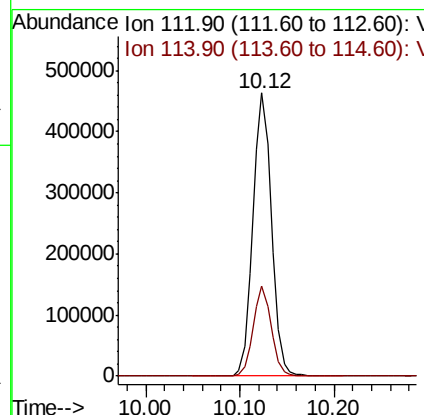
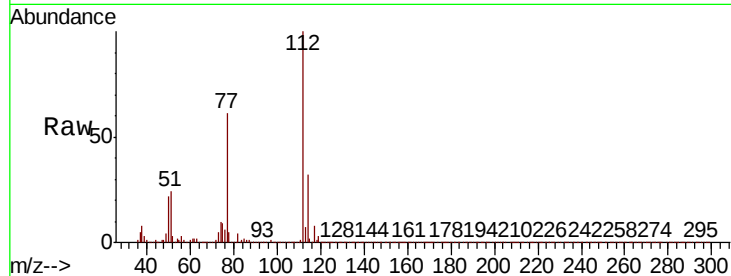
#65
Chlorobenzene
Concen: 19.185 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.6	25.5	38.3

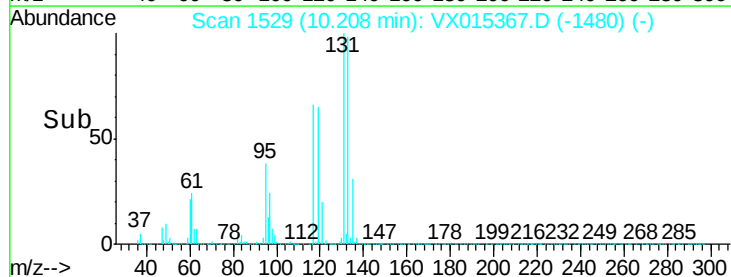
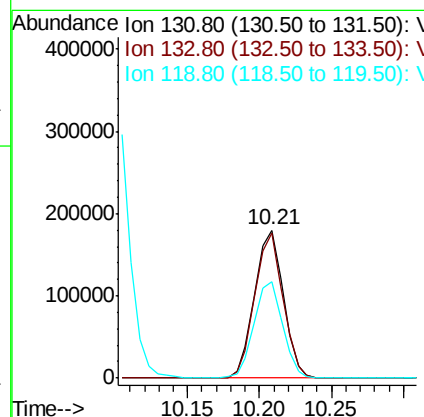
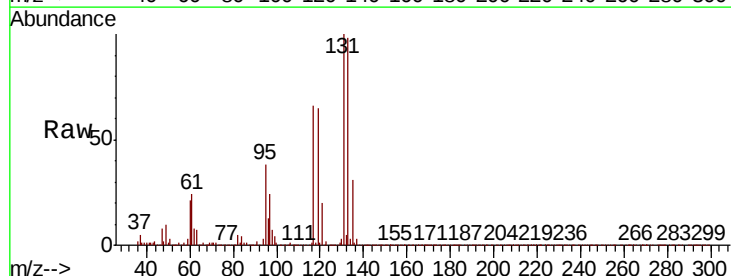
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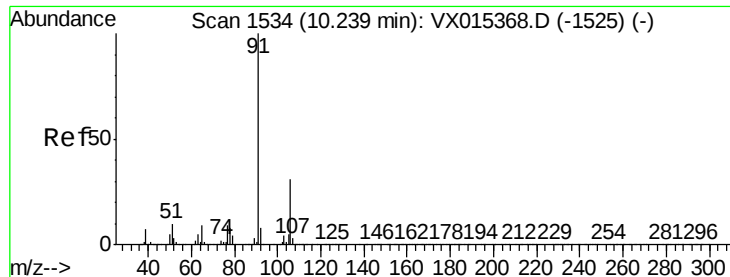
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.003 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	47.6	142.9
119	64.5	31.1	93.3





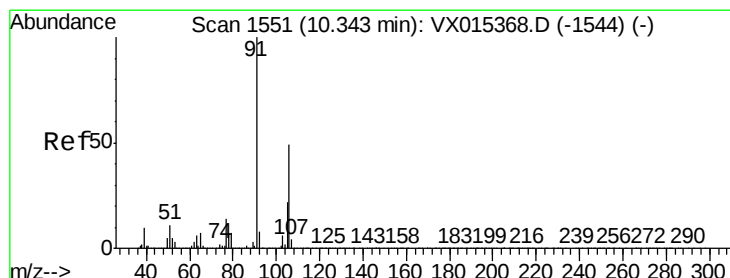
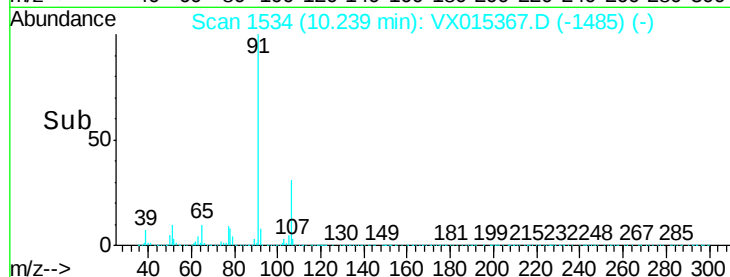
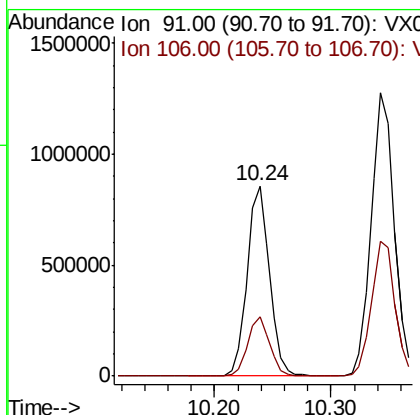
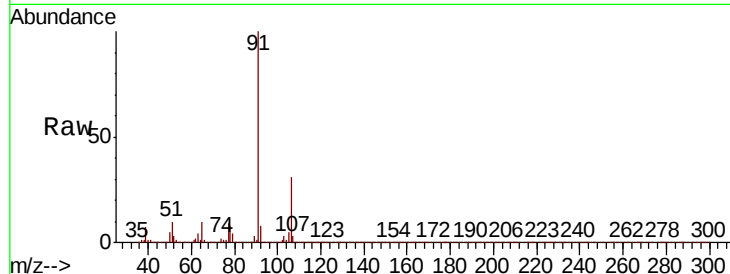
#67
Ethyl Benzene
Concen: 20.209 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 91 Resp: 1150573
Ion Ratio Lower Upper
91 100
106 31.0 24.8 37.2

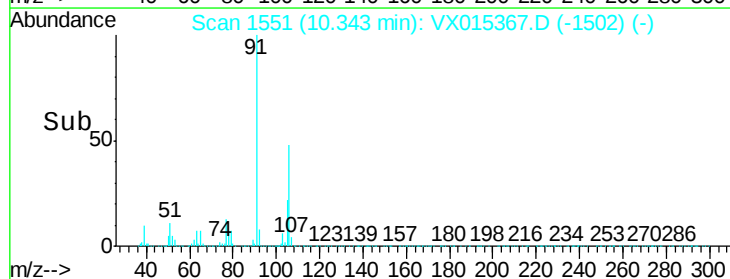
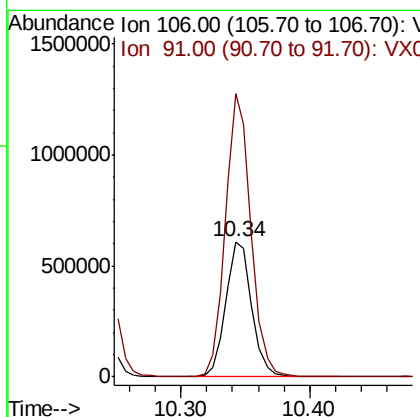
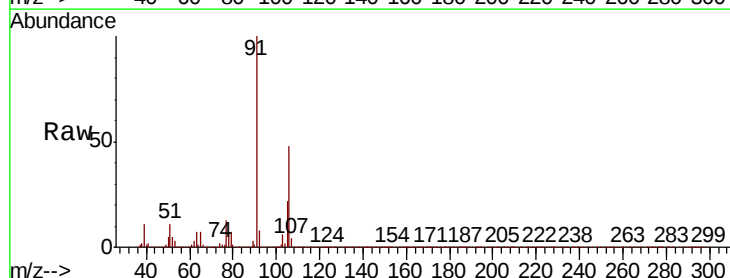
Manual Integrations
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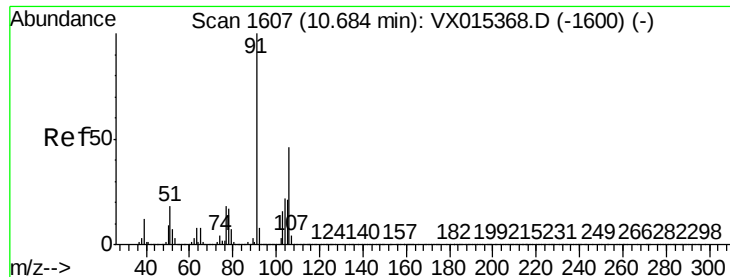
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#68
m/p-Xylenes
Concen: 39.874 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion: 106 Resp: 859764
Ion Ratio Lower Upper
106 100
91 205.8 163.4 245.0





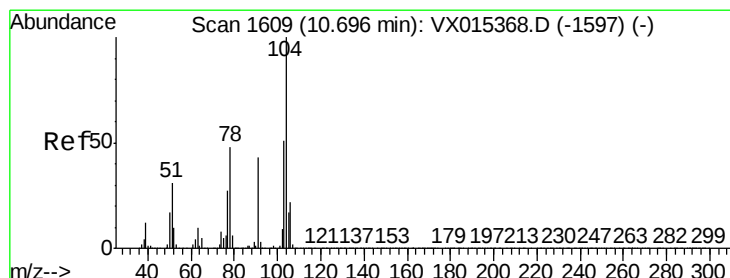
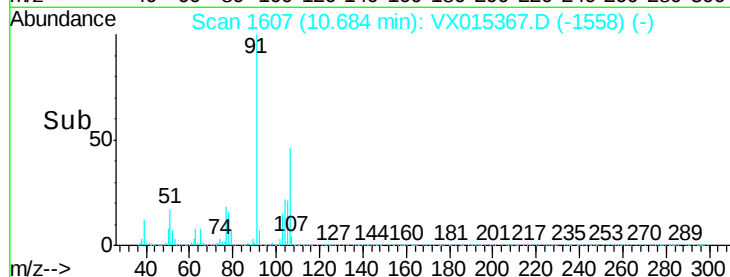
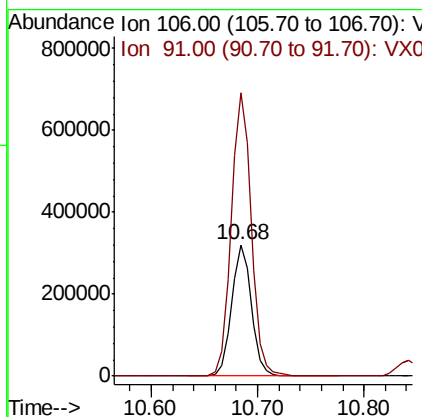
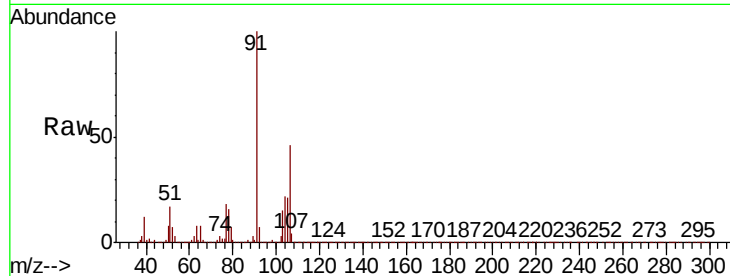
#69
o-Xylene
Concen: 19.844 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
106	100	415919		
91	218.7	107.1	321.3	

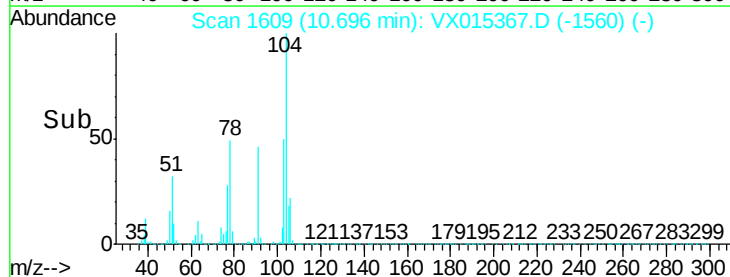
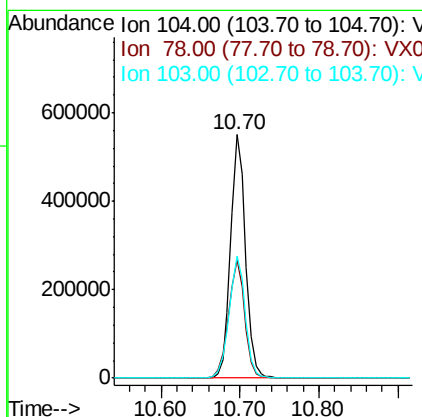
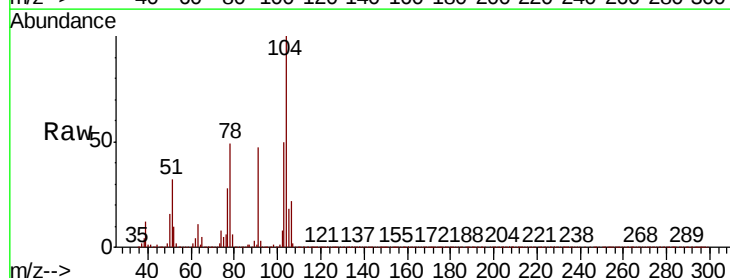
Manual Integrations
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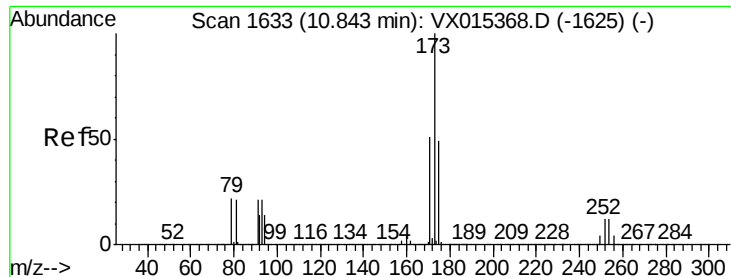
apatel
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#70
Styrene
Concen: 20.657 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	723529		
78	52.7	42.0	63.0	
103	54.1	43.4	65.0	





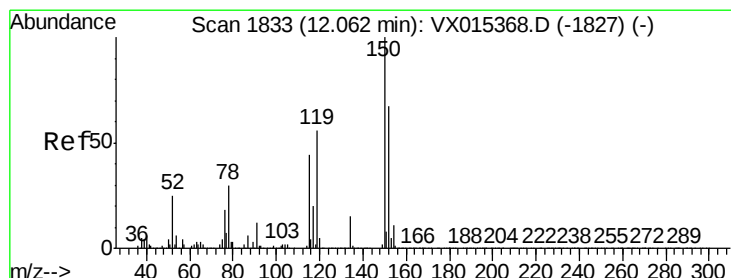
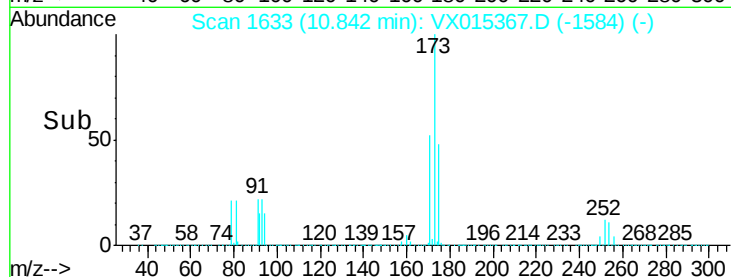
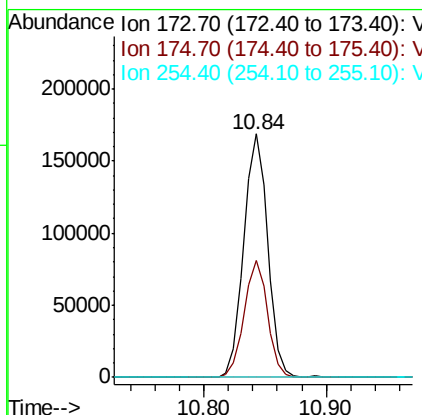
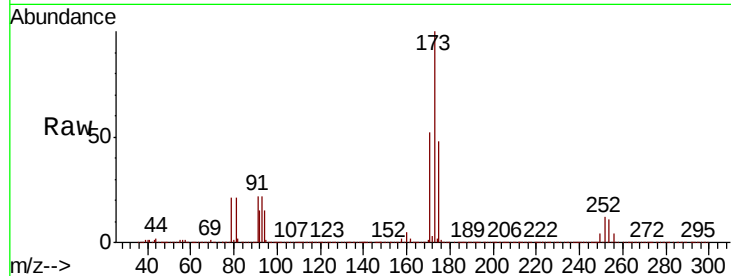
#71
Bromoform
Concen: 26.727 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.0	23.9	71.7
254	0.2	0.1	0.1#

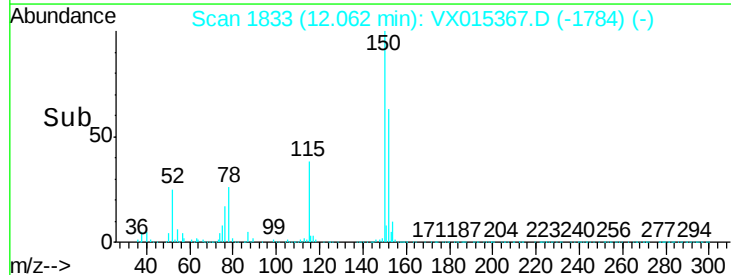
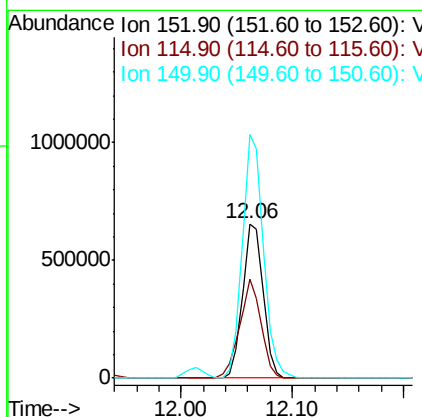
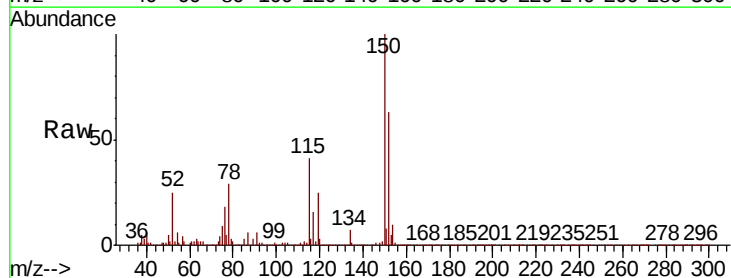
Manual Integrations
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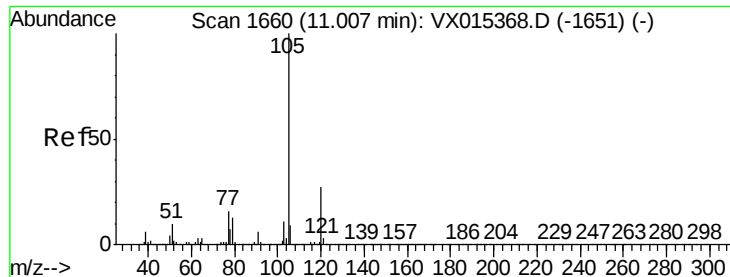
apatel
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	66.5	39.0	116.9
150	162.4	0.0	340.8





#73

Isopropylbenzene

Concen: 18.433 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:105 Resp: 1122567

Ion Ratio Lower Upper

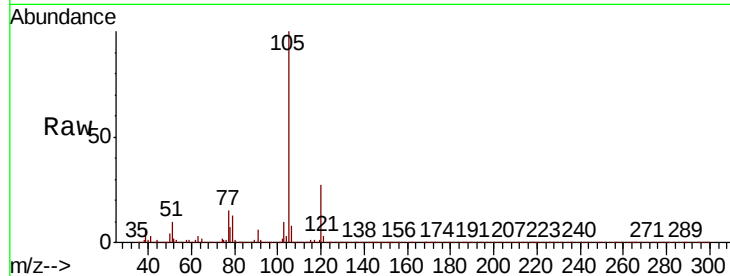
105 100

120 26.4 13.2 39.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1000000

800000

600000

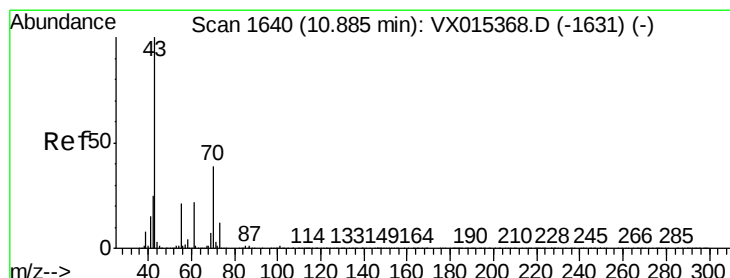
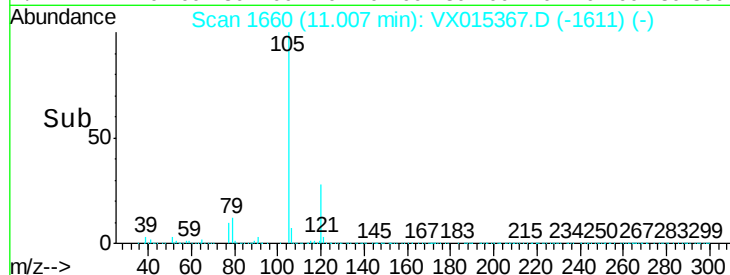
400000

200000

0

10.95 11.00 11.05

Time-->



#74

N-ethyl acetate

Concen: 25.785 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Tgt Ion: 43 Resp: 595550

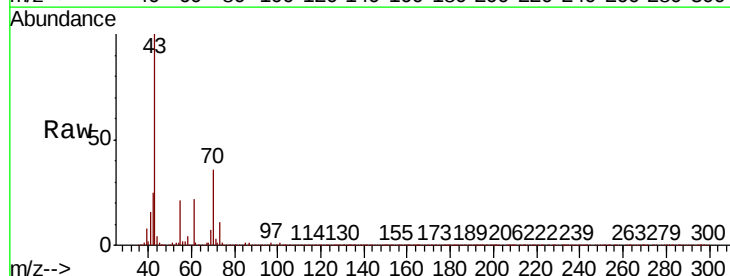
Ion Ratio Lower Upper

43 100

70 37.8 30.2 45.4

55 21.7 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

600000

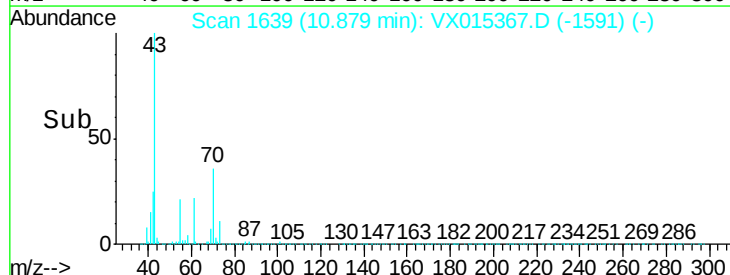
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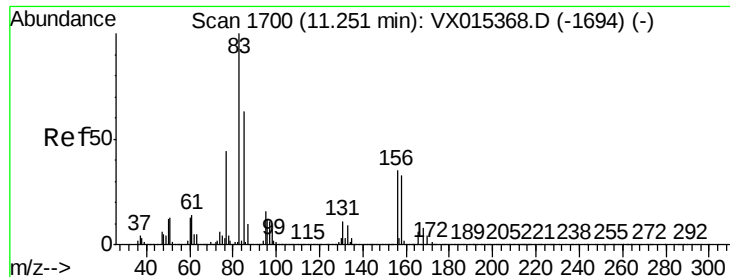
200000

0

10.80 10.85 10.90 10.95

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 18.843 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

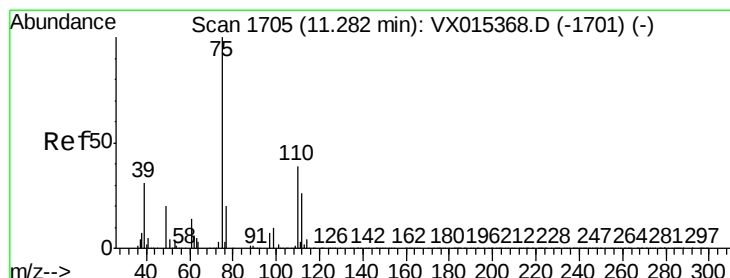
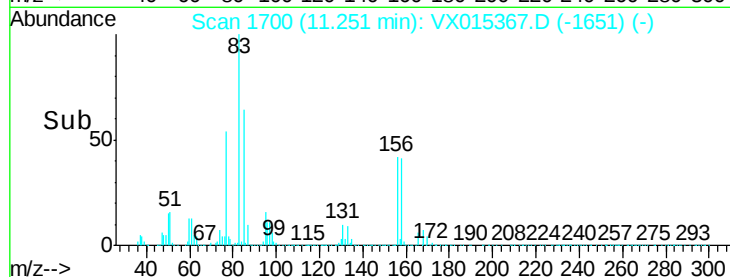
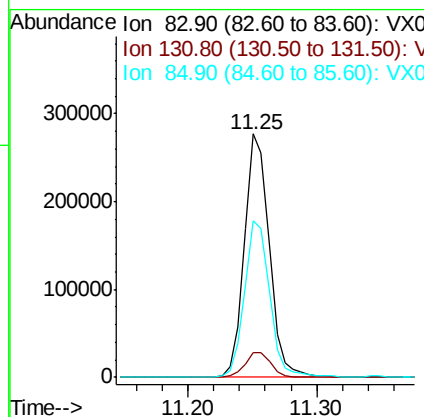
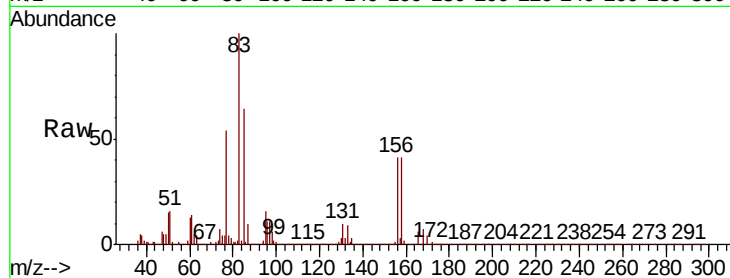
ClientSampled :

VSTDIC020

Tot Ion:	83	Resp:	366994
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.3	16.1
85	64.6	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.675 ug/l m

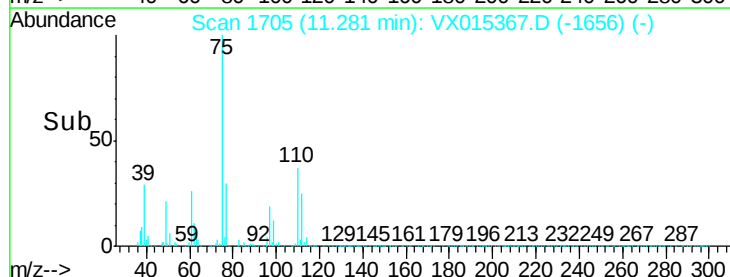
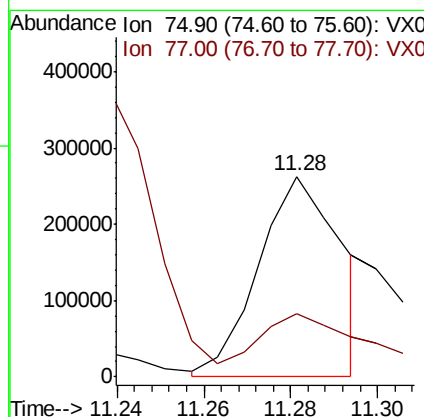
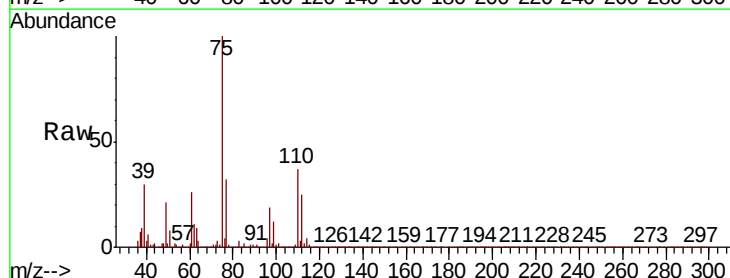
RT: 11.28 min Scan# 1705

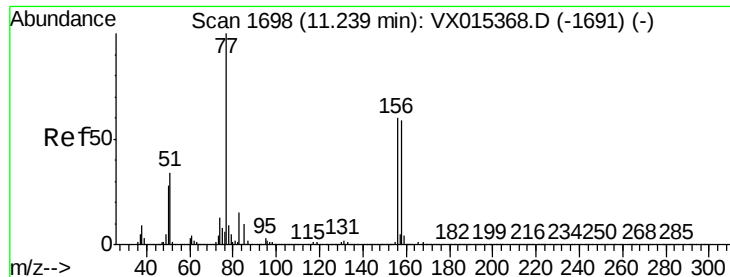
Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Tgt Ion:	75	Resp:	346008
Ion Ratio	Lower	Upper	
75	100		
77	41.8	21.2	63.6





#77

Bromobenzene

Concen: 19.775 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

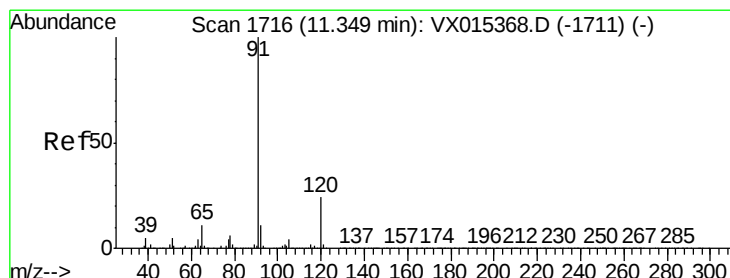
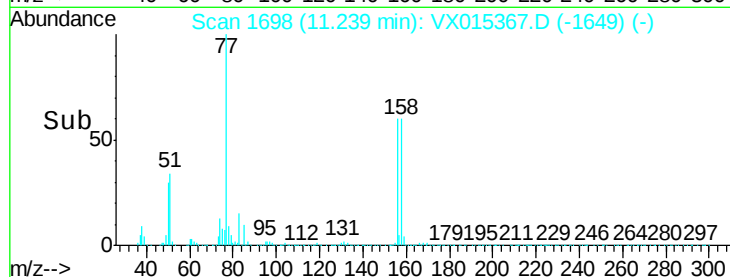
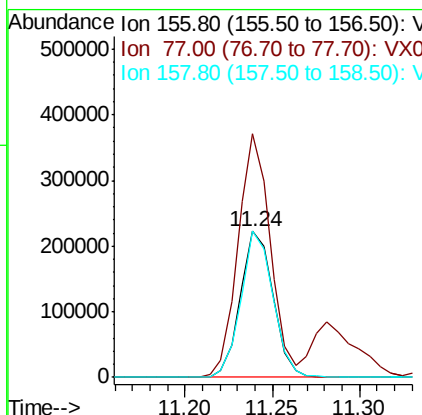
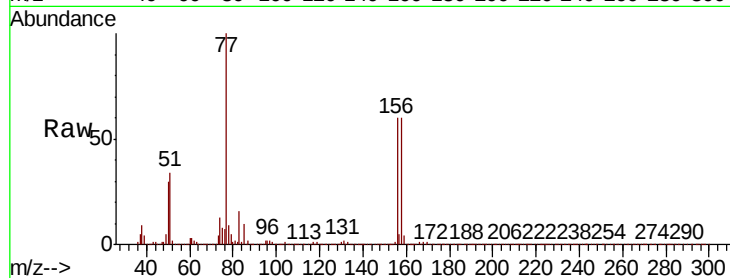
ClientSampleId :

VSTDIC020

Tot Ion:	156	Resp:	288751
Ion Ratio	Lower	Upper	
156	100		
77	164.0	82.2	246.5
158	98.5	49.3	147.9

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#78

n-propylbenzene

Concen: 18.697 ug/l

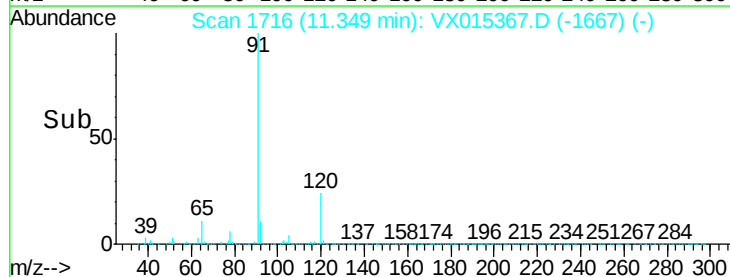
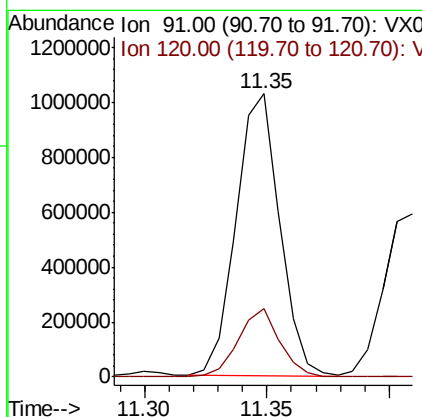
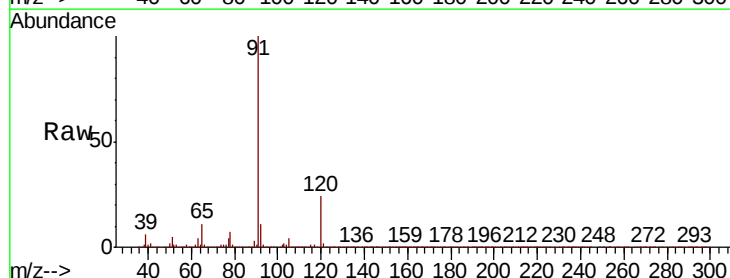
RT: 11.35 min Scan# 1716

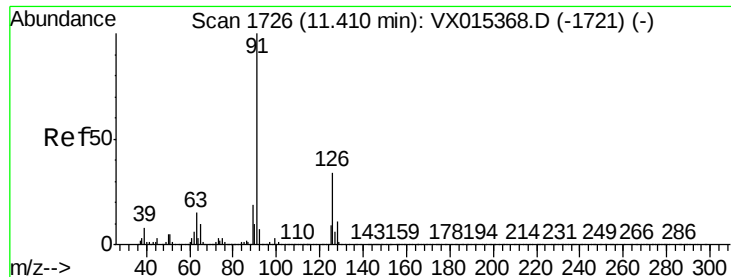
Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Tgt Ion:	91	Resp:	1279024
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.7	35.0





#79

2-Chlorotoluene

Concen: 18.383 ug/l

RT: 11.41 min Scan# 1726

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

Tot Ion: 91 Resp: 765580

Ion Ratio Lower Upper

91 100

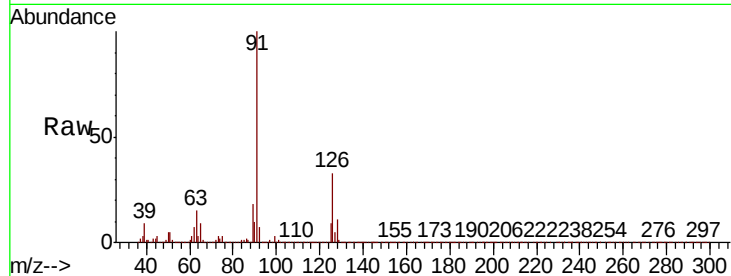
126 32.6 16.5 49.5

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Abundance Ion 91.00 (90.70 to 91.70): VX015367.D (-1677) (-)

Ion 125.90 (125.60 to 126.60): VX015367.D (-1677) (-)

1200000

800000

600000

400000

200000

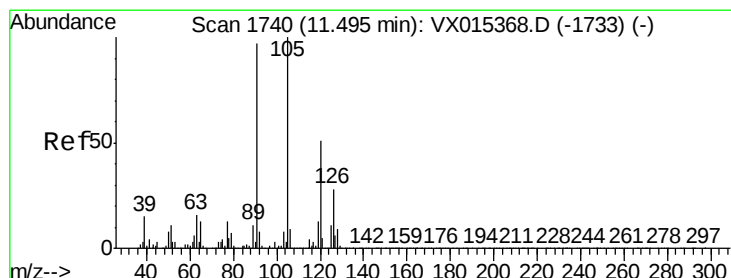
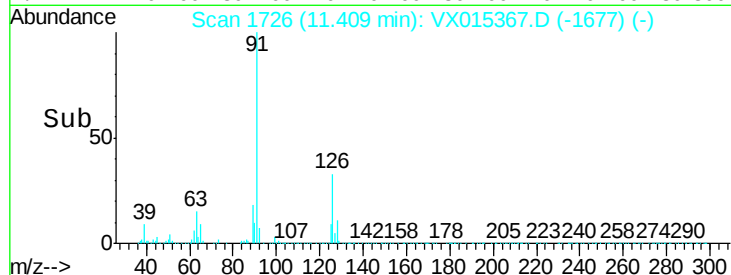
0

11.35

11.40

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.449 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015367.D

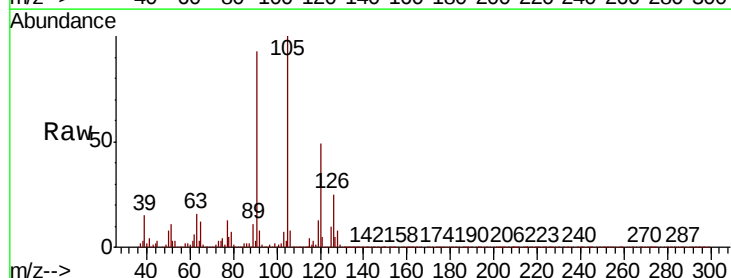
Acq: 26 Mar 2020 20:16

Tgt Ion: 105 Resp: 956819

Ion Ratio Lower Upper

105 100

120 48.2 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): VX015367.D (-1691) (-)

Ion 120.00 (119.70 to 120.70): VX015367.D (-1691) (-)

800000

600000

400000

200000

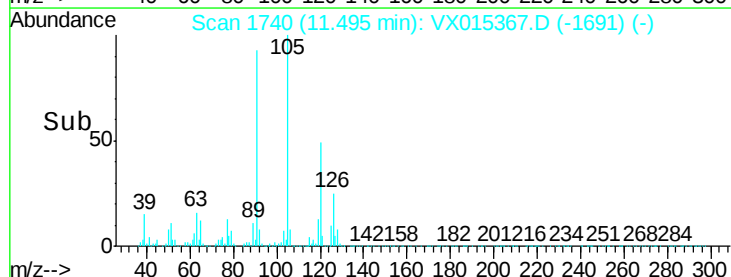
0

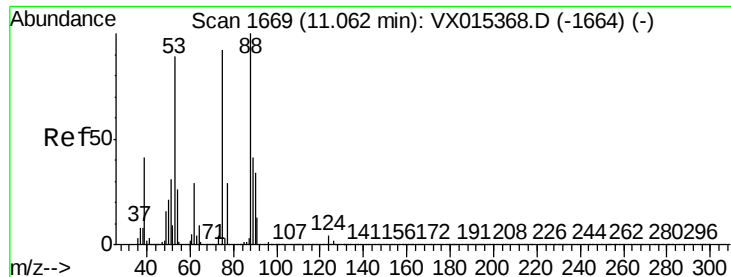
11.45

11.50

11.55

Time-->





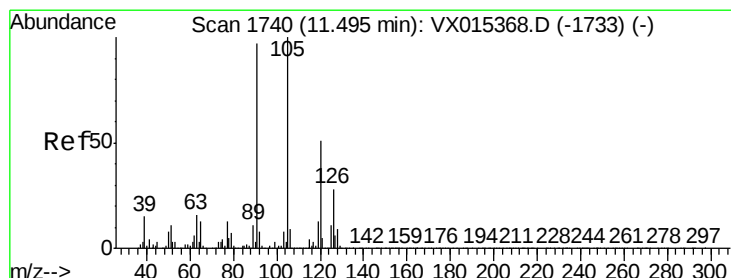
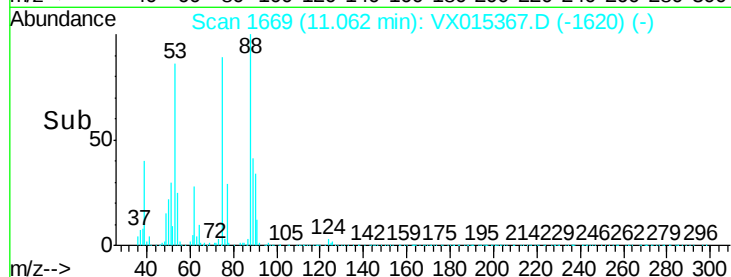
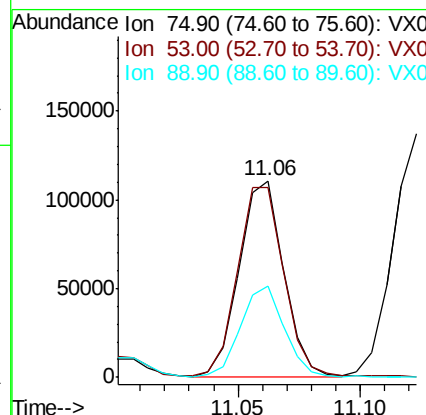
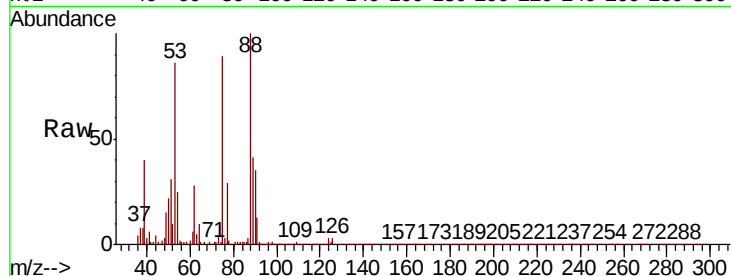
#81
trans-1,4-Dichloro-2-butene
Concen: 21.211 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.4	80.1	120.1
89	45.7	36.1	54.1

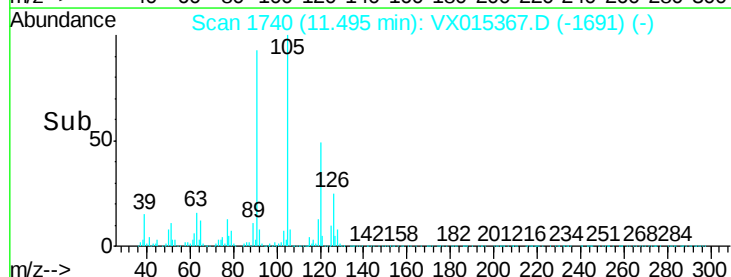
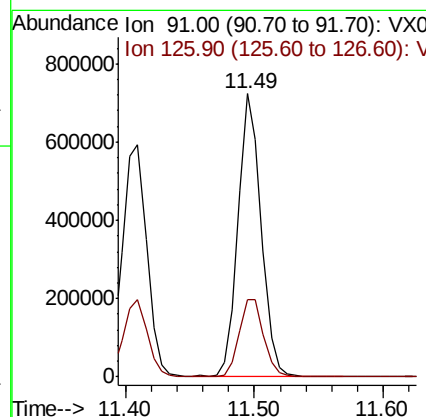
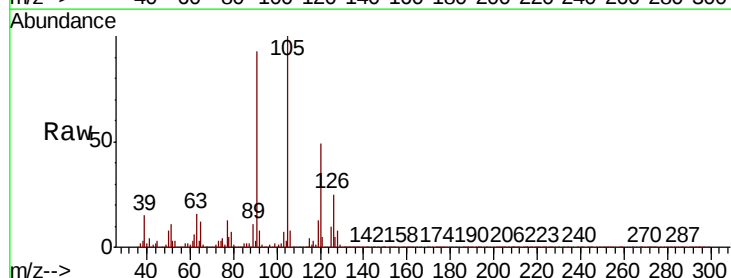
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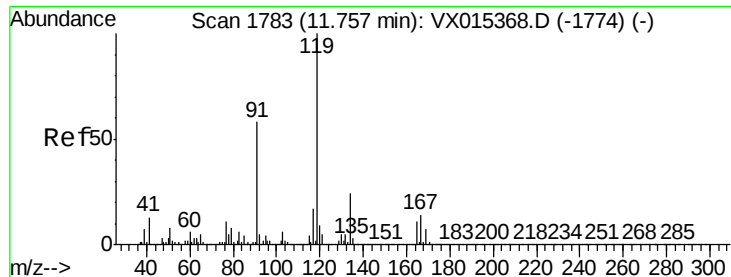
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#82
4-Chlorotoluene
Concen: 19.164 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.9	14.7	44.1





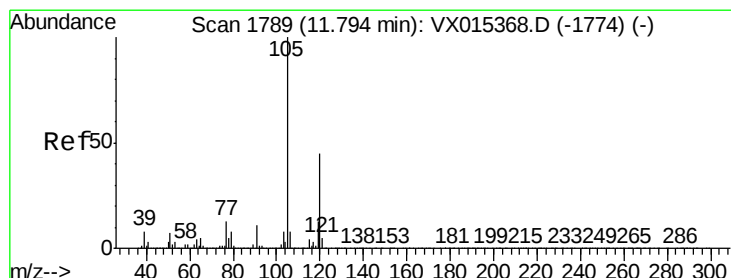
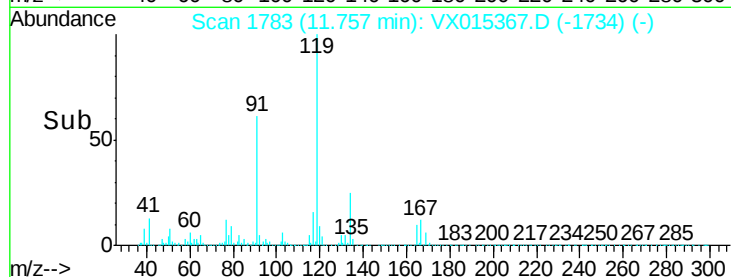
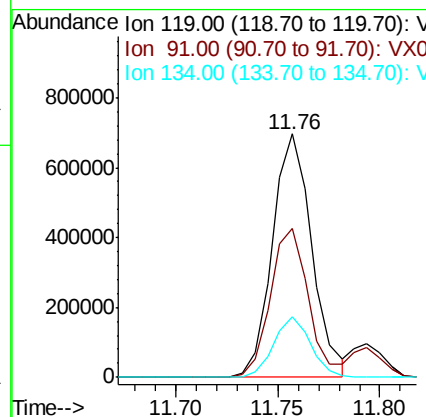
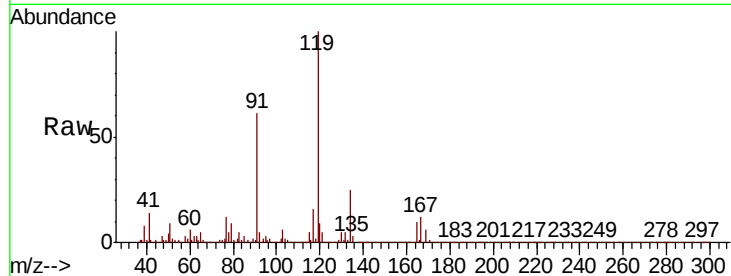
#83
 tert-Butylbenzene
 Concen: 19.416 ug/l
 RT: 11.76 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX015367.D
 Acq: 26 Mar 2020 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	937743		
91	59.2	28.6	85.8	
134	23.2	11.8	35.3	

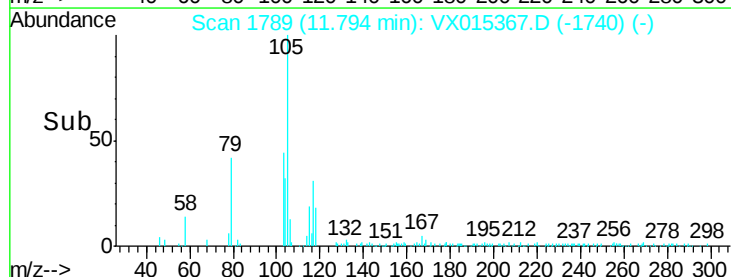
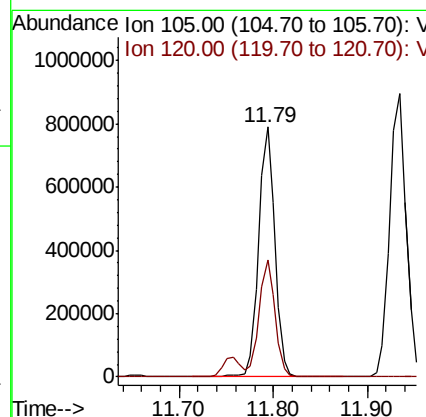
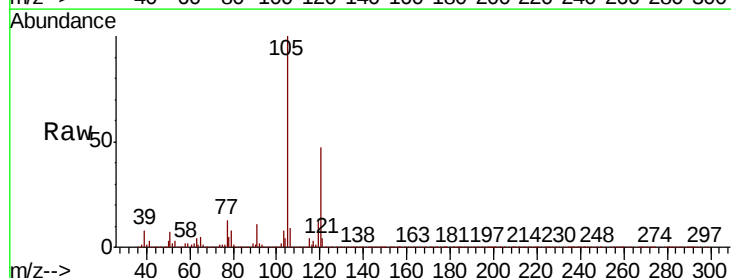
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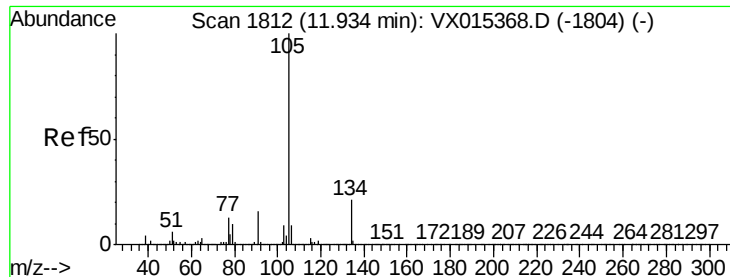
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#84
 1,2,4-Trimethylbenzene
 Concen: 18.860 ug/l
 RT: 11.79 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX015367.D
 Acq: 26 Mar 2020 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	959034		
120	46.2	22.7	68.1	





#85

sec-Butylbenzene

Concen: 19.153 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion:105 Resp: 1095758

Ion Ratio Lower Upper

105 100

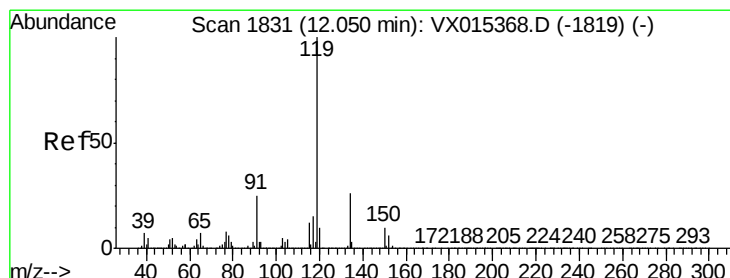
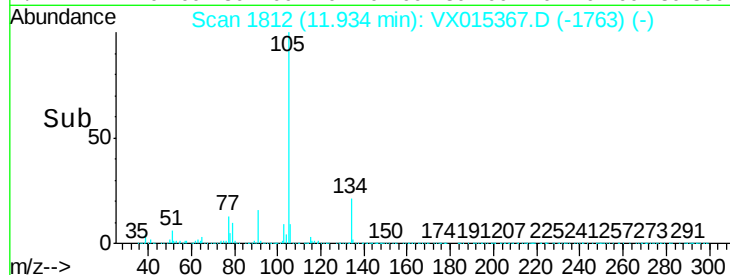
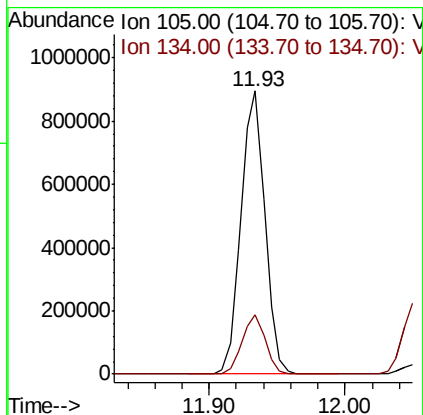
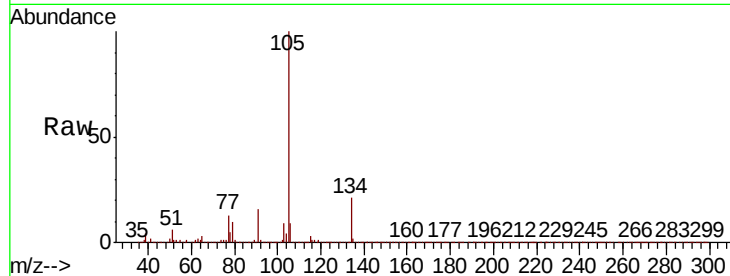
134 20.5 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 19.790 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015367.D

Acq: 26 Mar 2020 20:16

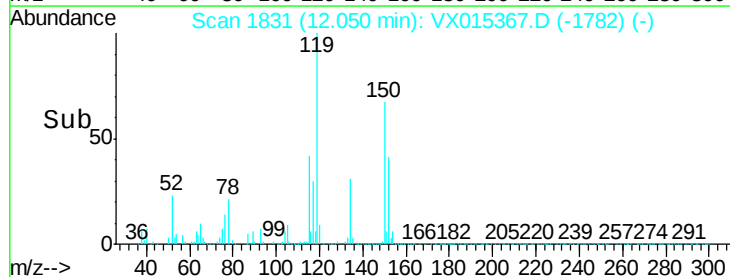
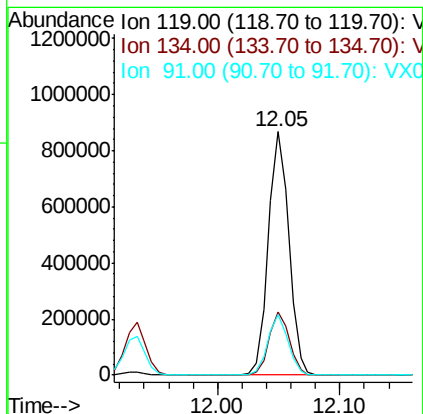
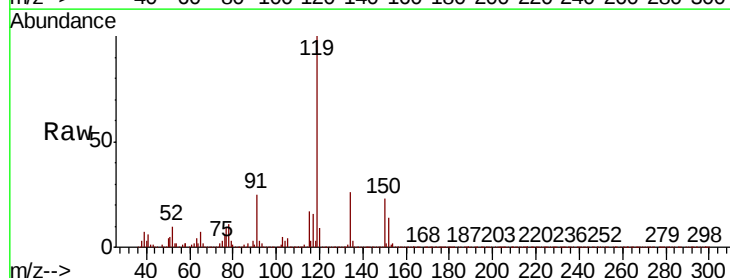
Tgt Ion:119 Resp: 1016817

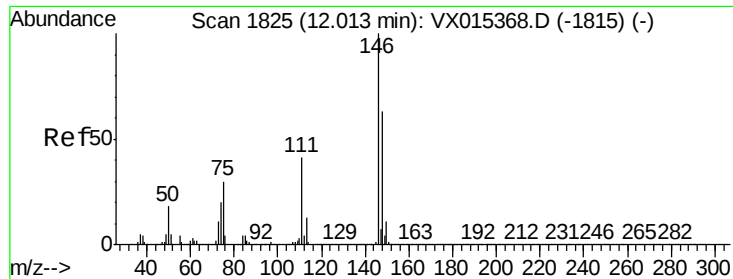
Ion Ratio Lower Upper

119 100

134 25.7 13.1 39.3

91 24.2 12.4 37.4





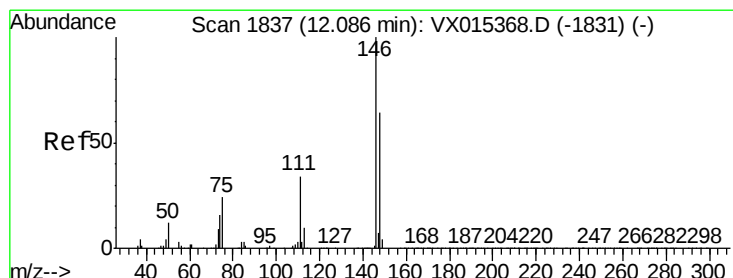
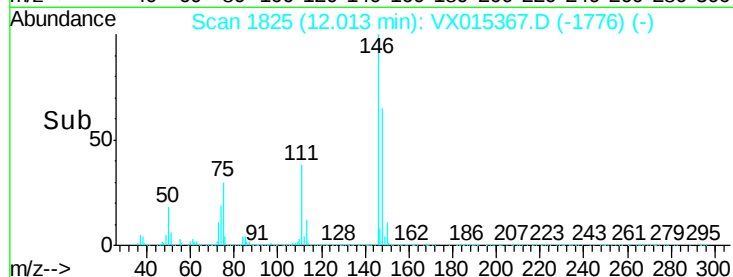
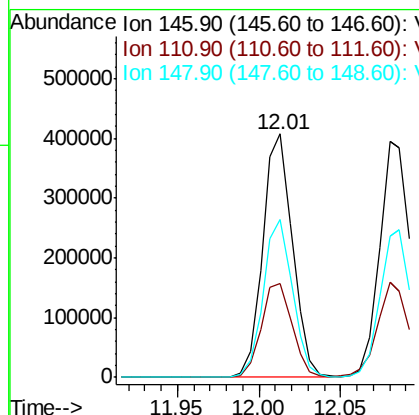
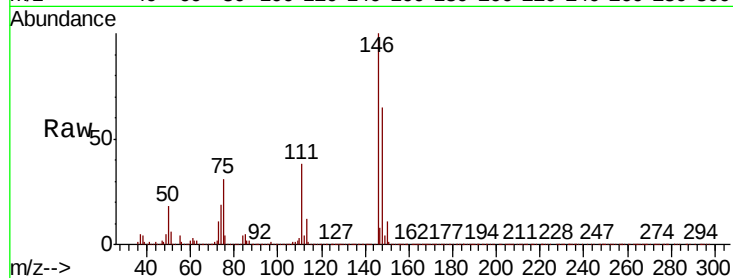
#87
 1,3-Dichlorobenzene
 Concen: 18.877 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015367.D
 Acq: 26 Mar 2020 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.3	60.9
148	63.8	31.3	93.9

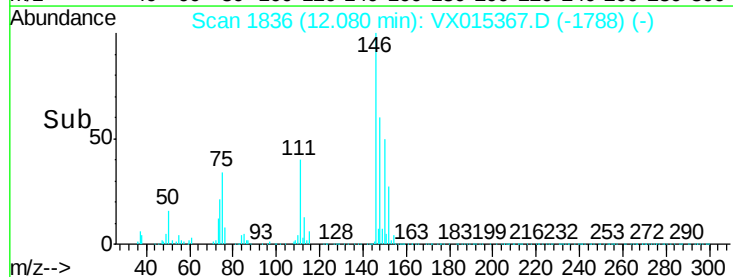
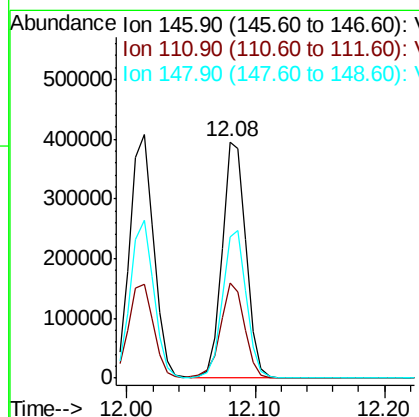
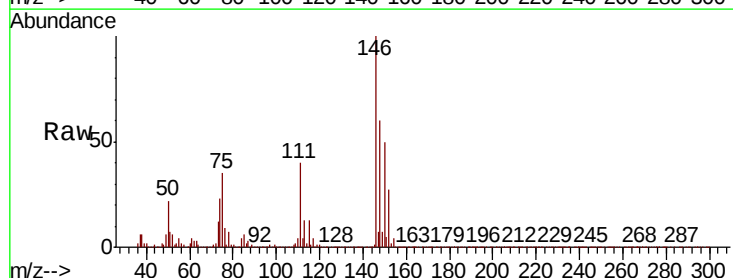
Manual Integrations
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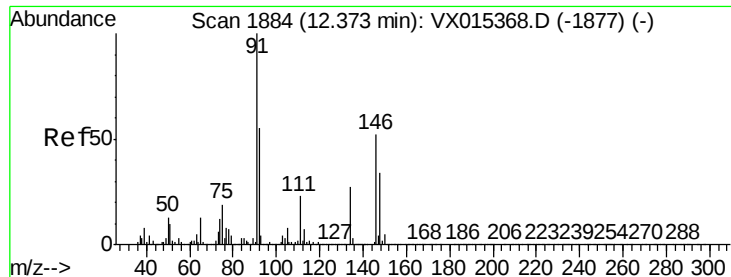
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#88
 1,4-Dichlorobenzene
 Concen: 17.970 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015367.D
 Acq: 26 Mar 2020 20:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.6	19.1	57.5
148	62.8	32.4	97.2





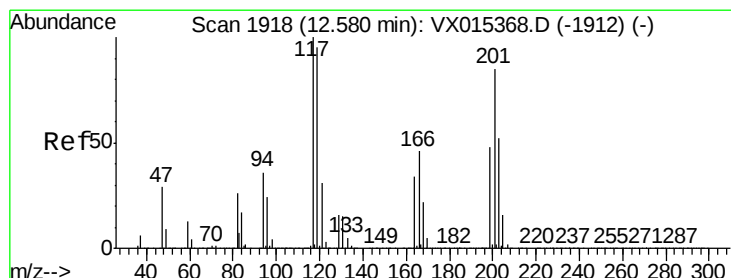
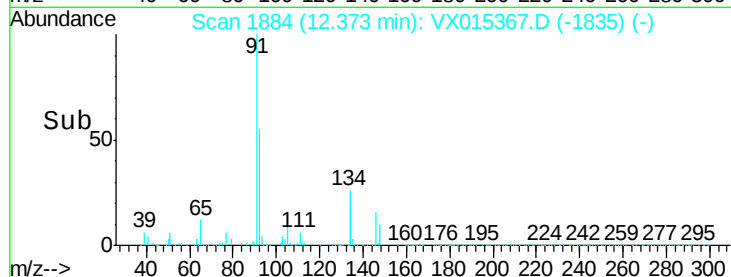
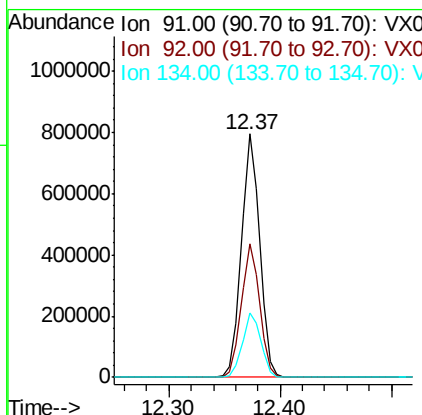
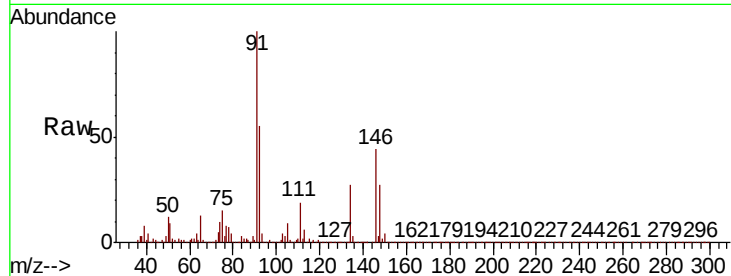
#89
n-Butylbenzene
Concen: 18.689 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	55.0	27.2	81.5	
134	26.8	13.4	40.2	

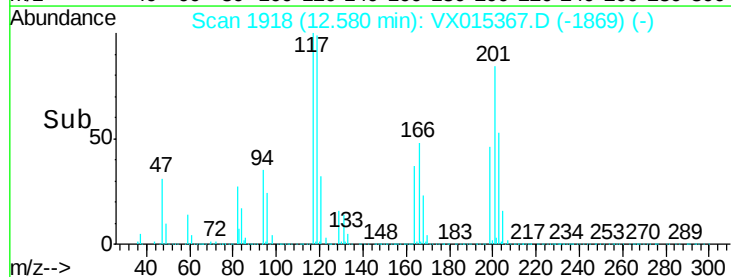
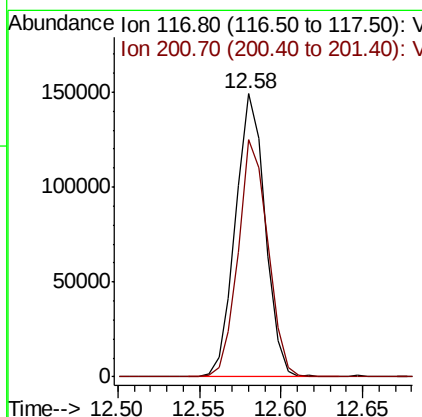
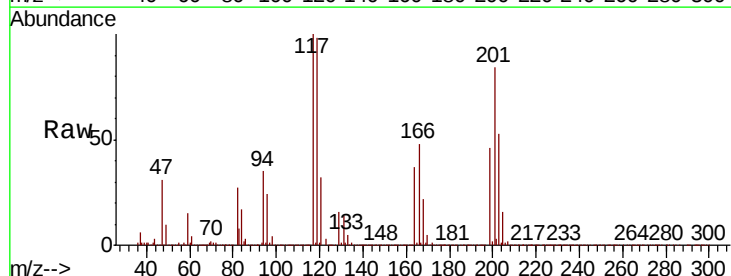
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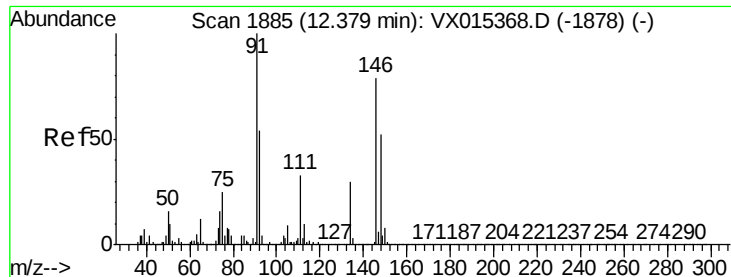
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#90
Hexachloroethane
Concen: 18.655 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	84.2	42.6	128.0	





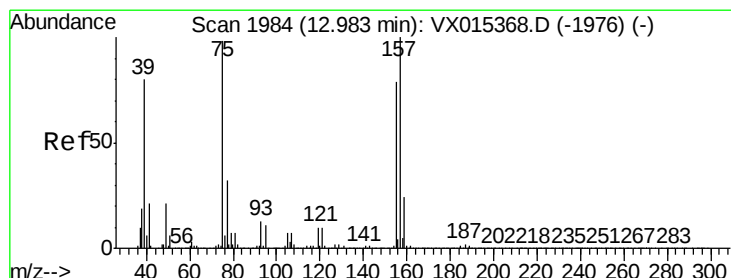
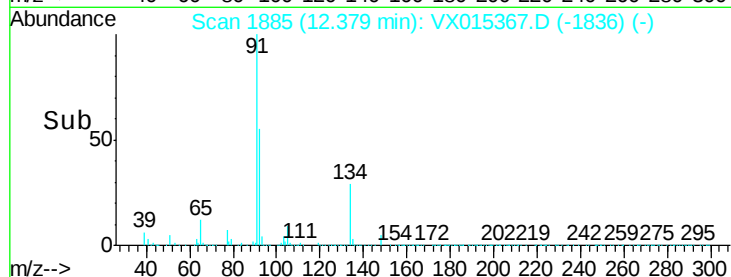
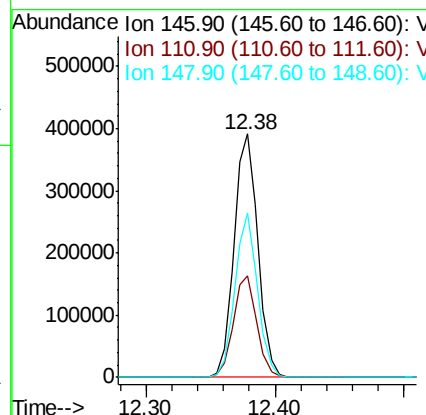
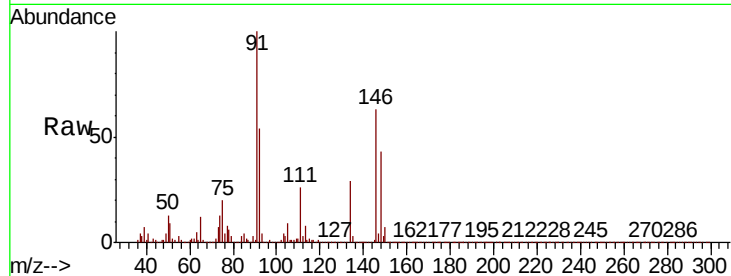
#91
 1,2-Dichlorobenzene
 Concen: 18.400 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015367.D
 Acq: 26 Mar 2020 20:16

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
146	100			
111	40.7	21.0	63.0	
148	64.3	32.4	97.0	

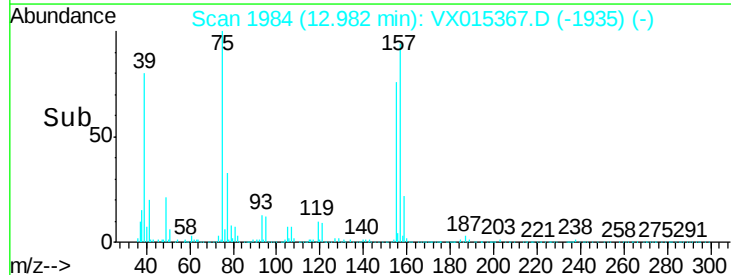
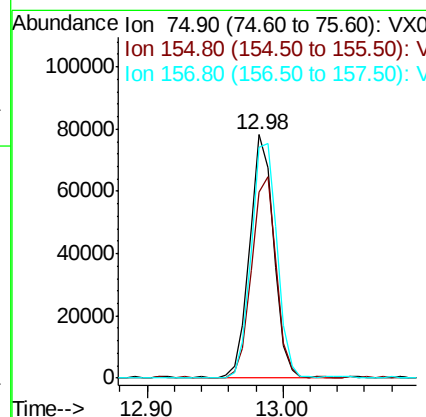
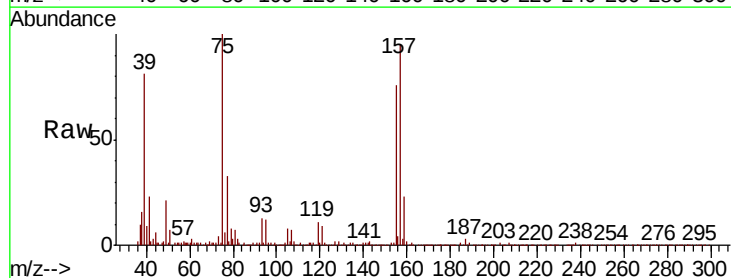
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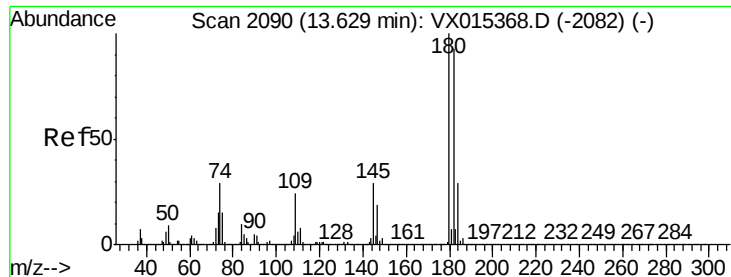
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.138 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015367.D
 Acq: 26 Mar 2020 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
155	84.7	42.8	128.4	
157	103.7	53.4	160.3	





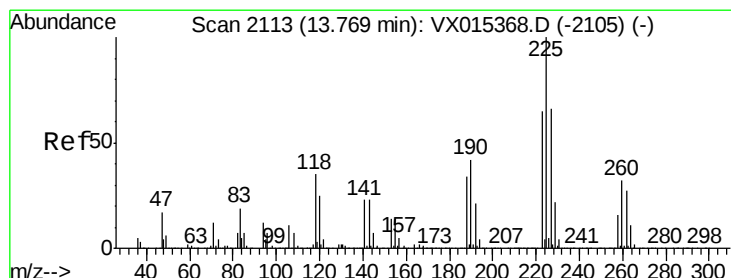
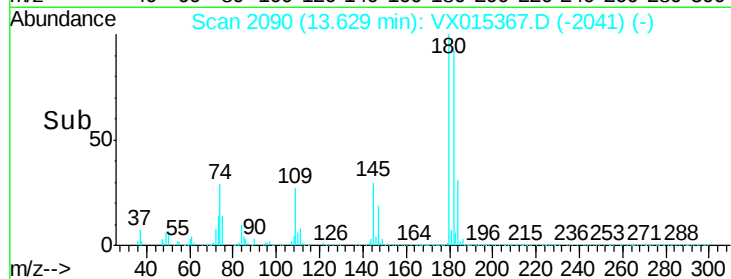
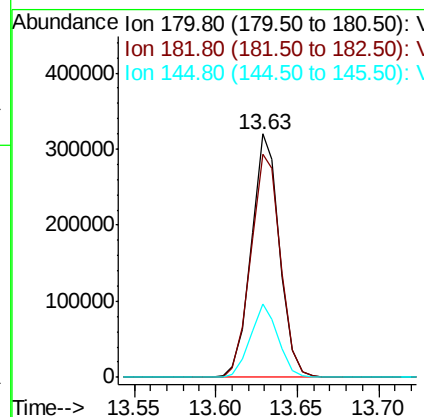
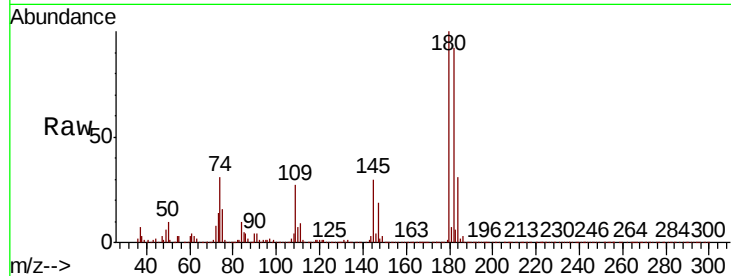
#93
 1,2,4-Trichlorobenzene
 Concen: 22.463 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015367.D
 Acq: 26 Mar 2020 20:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	385114		
182	96.0	46.9	140.7	
145	29.7	14.9	44.5	

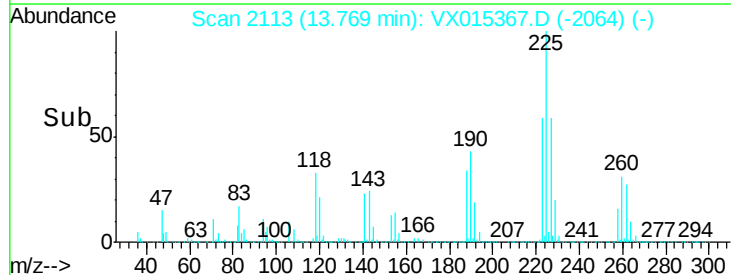
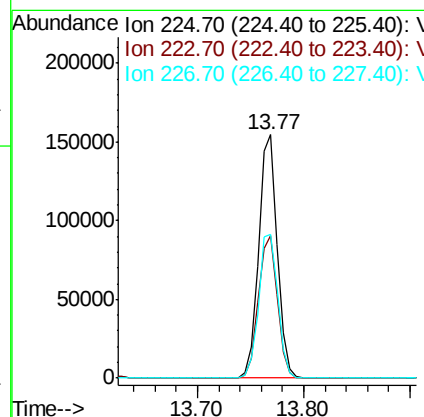
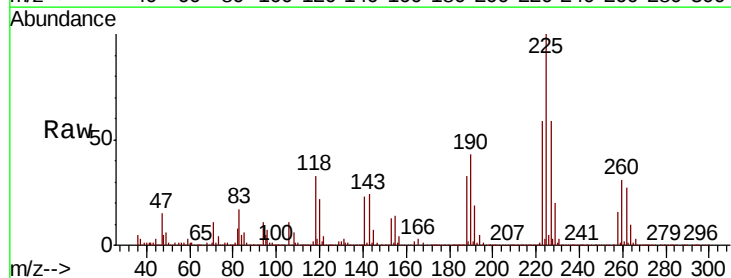
Manual Integrations
 APPROVED

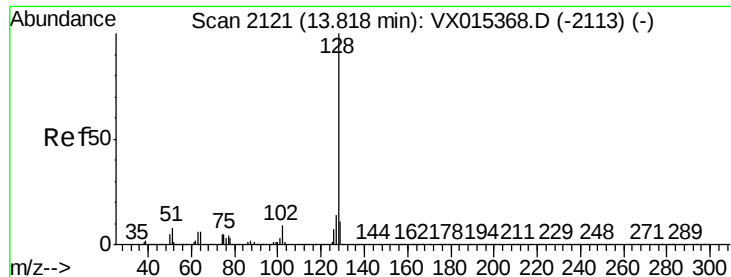
apatel
 3/27/2020 5:16:10 PM



#94
 Hexachlorobutadiene
 Concen: 26.177 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015367.D
 Acq: 26 Mar 2020 20:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	188521		
223	59.9	31.9	95.7	
227	61.5	30.4	91.3	





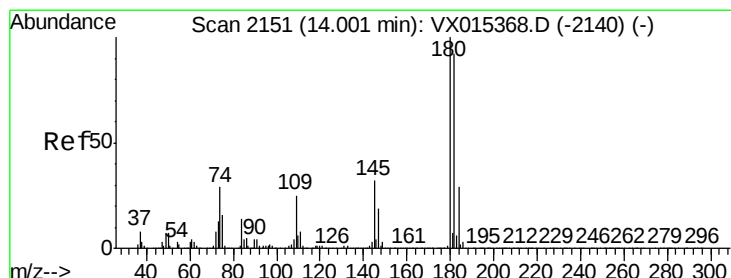
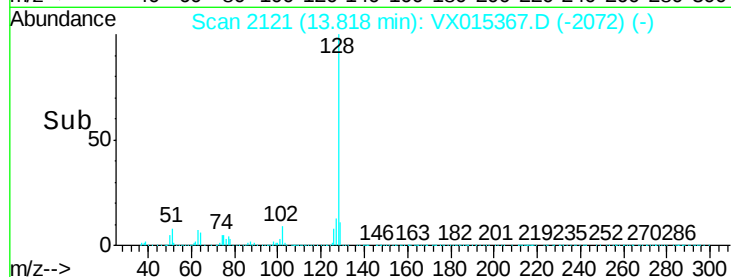
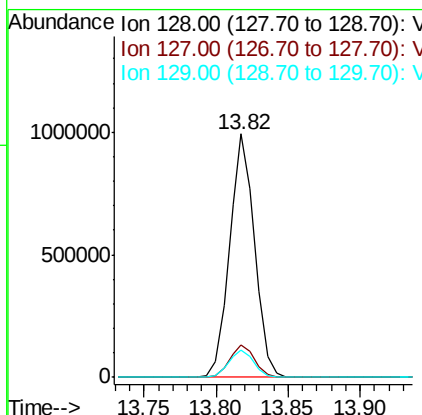
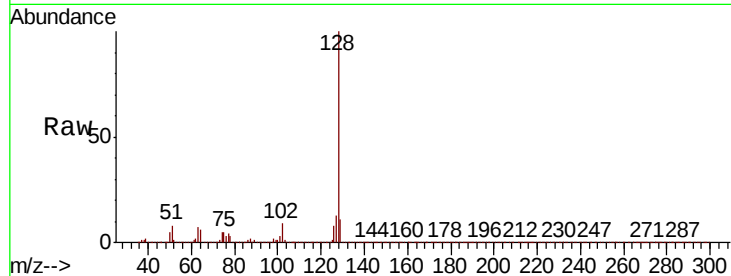
#95
Naphthalene
Concen: 21.676 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	11.1	8.8	13.2

Manual Integrations
APPROVED

apatel
3/27/2020 5:16:10 PM



#96
1,2,3-Trichlorobenzene
Concen: 22.362 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015367.D
Acq: 26 Mar 2020 20:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	46.7	140.0
145	31.1	15.8	47.3

